Case study

Relaxation in color: With a user-friendly concept, The House of Elemis Spa creates a comfortable atmosphere for its customers

For the complete renovation of the Elemis skincare brand's London spa, the lighting designers at Into Lighting worked with Virgile + Partner as lead designers to choose a relaxing, user-friendly concept with excellent technical support.

The new digital lighting system makes use of indirect light to create a sensual and calm atmosphere in the lounge areas and treatment rooms. A 2,700 K color temperature was chosen in order to bathe the rooms in an inviting, warm-white light. All the furniture and fittings were highlighted by flexible LINEARlight Colormix Flex LED strips.

Color therapy is one of the services Elemis offers, so a homogeneous color-changing system was integrated in the treatment room ceiling rafts. These high-quality long-life LED strips are truly flexible – they are not only easy to bend and cut, but can also be installed and connected quickly. Using the EASY Color Control and EASY Hybrid Remote devices matched to the LED strips, the Elemis Spa therapists can easily set up the required lighting scene – without disturbing their customers.
www.osram.com/house-of-elemis

Light engines and LED modules

Bringing light to your product

The advent of LEDs in the lighting industry has created unlimited freedom in light source design, thus enabling luminaires that have been unthinkable before. With our comprehensive portfolio of light engines and modules, our competence in lighting and uncompromised quality, we make our customers more successful in their businesses.

AC, DC, linear, square and round shapes, high-power, mid-power and low-power LED packages – the possibilities to create a light source seem endless. On the one hand, this provides the perfect opportunity to escape from the rigid boundaries of conventional lamps. However, on the other hand, this also creates new challenges: Matching the market needs for sustainable product propositions with fast-paced LED technology development.

Managing the technical changes required to keep a luminaire attractive over its entire production lifetime involves regular development efforts, e.g. component updates and qualification. These tasks increasingly bind valuable resources that are needed to innovate and stay competitive. We strive to support our customers by a smart component strategy to limit the effort for future product updates.

Easy to choose, easy to use

In addition to our existing performance-oriented products, we offer our customers economic alternatives. Therefore, our new portfolio provides an even wider range of products featuring increased flexibility and continuation for the changing requirements of luminaire projects:

PrevaLED® – our performance offer: exceptional performance with a comprehensive set of choices.

Basic – the economical alternative: attractive performance levels meet market standards with the reassurance of OSRAM quality.

We invite you to explore our product portfolio on the following pages. Our standard offer covers a wide range of applications and features smart solutions for outstanding products. But as we understand that every luminaire project is different, we also offer a customized approach to co-develop with you the component needed. Challenge us!

In combination with our LED drivers and LMS components, we offer system solutions that provide all the confidence and flexibility you need to stay focused on your business: **Delight your customers with the right product.**
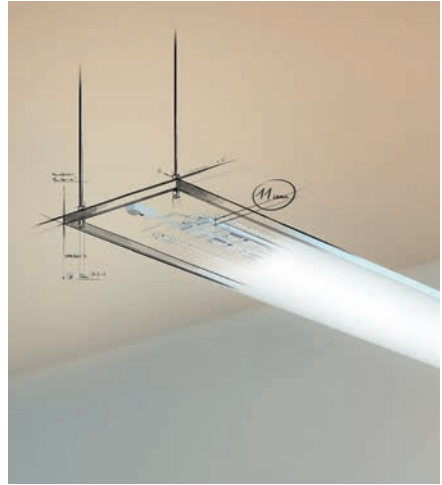
Linear Light Engines – Summary of portfolio

Linear PrevaLED® modules

Switching to LED pays off, more and more with each passing day
The portfolio of linear LED modules is characterized by high quality and reliability as well as outstanding photometric properties. In a wide variety of applications, the modules demonstrate that, today, the switch to modern LED technology is as easy as it gets.

PrevaLED® Linear LED modules are sustainable solutions for linear lighting with state-of-the-art LED technology and a great alternative to traditional lamps. They provide efficient and high-quality light for the illumination of offices, shops, retail and industrial facilities.

From cost-efficient to highly efficient – a well-thought-out linear portfolio
Our product range for linear lighting solutions not only includes highly efficient LED modules but also cost-efficient alternatives, and thus opens up a variety of application possibilities for each luminaire type.
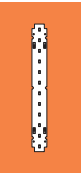
PrevaLED® Linear Tunable White

Biologically effective light

PrevaLED® Linear Tunable White is designed as a light engine that can be flexibly used for Tunable White/Human Centric Lighting (HCL) applications. It is used in recessed, surface-mounted and pendant variants or in floor-standing luminaires for almost all applications in offices, schools, health facilities or industrial areas.

Dynamic light for enhanced well-being

The range includes an LED module that delivers warm white light (2,700 K) and cold white light (6,500 K). In combination with light management systems, it offers dynamic light scenarios such as brightness sequences or different color temperatures in the range between 2,700 and 6,500 K, thus simulating the course of natural day-light. At the location of the application, this type of dynamic light can have a positive impact on well-being and productivity.

What would a Tunable White light engine be without a driver or light management? Of course, the light engine is perfectly matched to the OPTOTRONIC® TW LED drivers. These can execute DALI DT8 for Tunable White/HCL applications as well as 2 x DALI DT6, e.g. direct/indirect lighting. A comprehensive light management range is the perfect complement to the application in terms of Tunable White/HCL. Whether for pure Tunable White applications with DALI DT8 (e.g. DALI MCU TW) or smaller as well as large HCL applications (e.g. DALIeco BT (RTC) or DALI PROFESSIONAL), OSRAM offers you the optimal solution for every application.

PrevaLED® Linear Tunable White
Linear Light Engines

	Product name	GTIN (EAN)	V	A	W	K	Ra
5 Year OSRAM Guarantee*	PL-LIN-Z1 2200-TW [1]	4052899989351	51.5	0.275	14.20	2700…6500	>80
	Product name	lm	lm/W	Initial SDCM	T_c		No.
	PL-LIN-Z1 2200-TW [1]	2200	164	≤3	55	60	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values / In development, data preliminary

Product features[1]
— Module efficacy: up to 159 lm/W with 2,700 K
— Module efficacy: up to 164 lm/W with 6,500 K
— Luminous flux: 2,200 lm on 560 mm
— Color temperature range: 2,700...6,500 K
— Color rendering index R_a: > 80
— Initial color consistency: ≤ 3 SDCM
— Average lifetime (L80 B50): 50,000 h
  (temperature at T_c = 55 °C)

Product benefits
— Tunable White by adjustable color temperature
  from 2,700 K to 6,500 K
— Non-isolated LED module with perfect match to
  2-channel OPTOTRONIC® TW driver
— Cut-out area for shadow-free wiring
— High homogeneity thanks to tight LED pitch

Areas of application
— Offices
— Educational sector
— Healthcare

References/Links
For more information on the multi-level guarantee and the terms and conditions of the guarantee, visit www.osram.com/system-guarantee

PrevaLED® Linear G4

Highly efficient, powerful, versatile

PrevaLED® Linear G4 is characterized by its very high efficiency of up to 200 lm/W. This high-end lighting solution offers a wide range of light colors and lengths within the Zhaga LED module portfolio.

The champion for the widest range

PrevaLED® Linear G4 is mainly used in solutions for industrial and office lighting. The LED modules with high luminous flux, for example, provide the powerful light needed for high-bay luminaires. LED modules with a length of 1,120 mm or 1,400 mm can be integrated easily into trunking systems and provide reliable lighting for production sites.

For office lighting projects, such as pendant or louver luminaires, surface-mounted or floor-standing luminaires, PrevaLED® Linear G4 offers unlimited possibilities. The product portfolio provides the widest range of light colors – from 2,700 K to 3,000 K, 4,000 K and 5,000 K to 6,500 K. Moreover, the portfolio not only features a color rendering index of CRI ≥ 80 but also an excellent color rendering index of CRI ≥ 90 and thus offers the highest levels of light quality.

PrevaLED® Linear G4 is matched to a broad range of OPTOTRONIC® Linear LED drivers – for SELV as well as non-isolated, DALI or on/off, programmable or non-programmable. It is therefore ready for universal use.

PrevaLED® Linear G4
Linear Light Engines

1   140

2   280

3   280

4   560

5   560

6   1120

7   1400

8   280

9   280

10   560

11   560
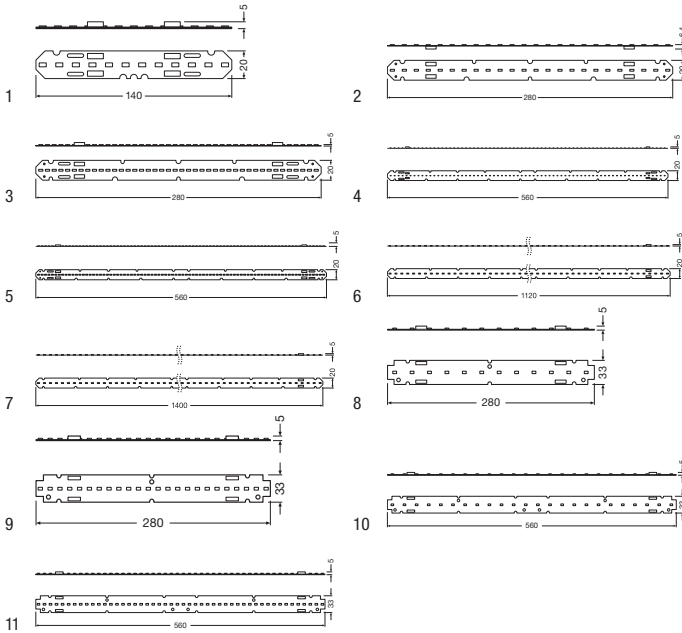
5 Year

OSRAM Guarantee*

Product name	GTIN (EAN)	V	A	W	K	Ra	lm
PL-LIN-Z4 550-840 140X20 [1]	**4052899984745**	33.2	0.0875	2.90	4000	>80	550
PL-LIN-Z4 1100-840 280X20 [1]	**4052899984844**	33.2	0.175	5.80	4000	>80	1100
PL-LIN-Z4 2000-840 280X20 [1]	**4052899985049**	39.1	0.3	11.70	4000	>80	2000
PL-LIN-Z4 2200-840 560X20 [1]	**4052899985223**	33.2	0.35	11.60	4000	>80	2200
PL-LIN-Z4 4000-840 560X20 [1]	**4052899985421**	39.1	0.6	23.50	4000	>80	4000
PL-LIN-Z4 4400-840 1120X20 [1]	**4052899985605**	88.4	0.25	22.10	4000	>80	4400
PL-LIN-Z4 5500-840 1400X20 [1]	**4052899985803**	110	0.25	27.60	4000	>80	5500
PL-LIN-Z4 650-840 280X33 [1]	**4052899985995**	33.5	0.1	3.40	4000	>80	650
PL-LIN-Z4 1100-840 280X33 [1]	**4052899986060**	33.2	0.175	5.80	4000	>80	1100
PL-LIN-Z4 1300-840 560X33 [1]	**4052899986152**	33.5	0.2	6.70	4000	>80	1300
PL-LIN-Z4 2200-840 560X33 [1]	**4052899986220**	33.2	0.35	11.60	4000	>80	2200
PL-LIN-Z4 1100-940 280X20 [1]	**4052899984905**	34.3	0.25	8.60	4000	>90	1100
PL-LIN-Z4 2000-940 280X20 [1]	**4052899985094**	40.2	0.4	16.10	4000	>90	2000
PL-LIN-Z4 2200-940 560X20 [1]	**4052899985285**	34.3	0.5	17.10	4000	>90	2200
PL-LIN-Z4 4000-940 560X20 [1]	**4052899985476**	40.2	0.8	32.20	4000	>90	4000

Product name	lm/W	Initial SDCM	Tc	[energy]	[box]	No.
PL-LIN-Z4 550-840 140X20 [1]	194	≤3	75	A++	60	1
PL-LIN-Z4 1100-840 280X20 [1]	194	≤3	75	A++	60	2
PL-LIN-Z4 2000-840 280X20 [1]	190	≤3	75	A++	60	3
PL-LIN-Z4 2200-840 560X20 [1]	194	≤3	75	A++	60	4
PL-LIN-Z4 4000-840 560X20 [1]	190	≤3	75	A++	60	5
PL-LIN-Z4 4400-840 1120X20 [1]	195	≤3	75	A++	60	6
PL-LIN-Z4 5500-840 1400X20 [1]	195	≤3	75	A++	60	7
PL-LIN-Z4 650-840 280X33 [1]	190	≤3	75	A++	60	8
PL-LIN-Z4 1100-840 280X33 [1]	194	≤3	75	A++	60	9
PL-LIN-Z4 1300-840 560X33 [1]	190	≤3	75	A++	60	10
PL-LIN-Z4 2200-840 560X33 [1]	194	≤3	75	A++	60	11
PL-LIN-Z4 1100-940 280X20 [1]	132	≤3	75	A++	60	2
PL-LIN-Z4 2000-940 280X20 [1]	137	≤3	75	A++	60	3
PL-LIN-Z4 2200-940 560X20 [1]	139	≤3	75	A++	60	4
PL-LIN-Z4 4000-940 560X20 [1]	131	≤3	75	A++	60	5

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values

Digital Systems Light Catalog 2018/2019

Product features[1]

— Available with luminous flux:
  550 lm on 140 mm x 20 mm
— Available with luminous flux:
  1,100 lm, 2,000 lm on 280 mm x 20 mm
— Available with luminous flux:
  2,200 lm, 4,000 lm on 560 mm x 20 mm
— Available with luminous flux: 4,400 lm on 1,120 mm
  and 5,500 lm on 1,400 mm x 20 mm
— Available with luminous flux:
  650 lm, 1,100 lm on 280 mm x 33 mm
— Available with luminous flux:
  1,300 lm, 2,200 lm on 560 mm x 33 mm
— Available with color temperature:
  2,700 K, 3,000 K, 4,000 K, 5,000 K or 6,500 K
— Color rendering index: > 80
— Color rendering index: > 90 for 1,100 lm,
  2,000 lm on 280 mm x 20 mm
— Color rendering index: > 90 for 2,200 lm,
  4,000 lm on 560 mm x 20 mm
— Average lifetime (L80 B10) for CRI $\geq$ 80: 50,000 h
  (temperature at T_c = 55 °C)
— Average lifetime (L80 B50) for CRI $\geq$ 90: 50,000 h
  (temperature at T_c = 55 °C)

Product benefits

— Up to 200 lm/W module efficiency for demanding
  lighting solutions
— Available with a wide range of color temperatures,
  lengths and color rendering indexes
— Cut-out area for shadow-free wiring
— Smart Fixation (SF) with back connector
— SELV or non-SELV module for easy luminaire design

Areas of application

— Offices
— Industry

References/Links

For more information on the multi-level guarantee and
the terms and conditions of the guarantee, visit
www.osram.com/system-guarantee
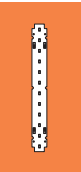
PrevaLED® Linear G4-P

The all-rounder among the LED modules

No matter for what type of luminaire, whether for pendant, surface-mounted and recessed luminaires in offices or trunking systems and high-bay luminaires in industrial applications, the PrevaLED® Linear G4-P LED module is the right choice when it comes to high-quality luminaire applications that focus both on economy and market-compliant efficiency.

Many luminaires, one answer

PrevaLED® Linear G4-P is tuned to exactly meet the market requirements for efficiency/cost and is used in all common luminaire designs for office and industrial applications. We will continue to follow the efficiency/cost path with the upcoming product generations and thus ensure a future-proof solution.

The PrevaLED® Linear G4-P portfolio is suitable for both SELV and non-isolated operation. The advantage: Only one LED module for SELV and non-SELV luminaires.

Like all LED modules from OSRAM, PrevaLED® Linear G4-P is perfectly matched to the entire family of OPTOTRONIC® Linear LED drivers – for SELV as well as non-isolated, DALI or on/off, programmable or non-programmable.

PrevaLED® Linear G4-P
Linear Light Engines
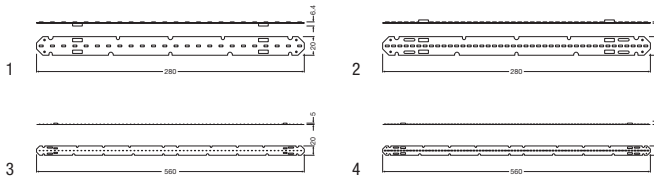
Product name	GTIN (EAN)	V	A	W	K	Ra	lm
PL-LIN G4-P 1100-830 280X20 [1]	**4052899989399**	33	0.175	5.80	3000	>80	1100
PL-LIN G4-P 1100-840 280X20 [1]	**4052899989412**	33	0.175	5.80	4000	>80	1100
PL-LIN G4-P 2000-830 280X20 [1]	**4052899989436**	39	0.3	11.70	3000	>80	2000
PL-LIN G4-P 2000-840 280X20 [1]	**4052899989450**	39	0.3	11.70	4000	>80	2000
PL-LIN G4-P 2200-830 560X20 [1]	**4052899989474**	33	0.35	11.60	3000	>80	2200
PL-LIN G4-P 2200-840 560X20 [1]	**4052899989498**	33	0.35	11.60	4000	>80	2200
PL-LIN G4-P 4000-830 560X20 [1]	**4052899989511**	39	0.6	23.50	3000	>80	4000
PL-LIN G4-P 4000-840 560X20 [1]	**4052899989535**	39	0.6	23.50	4000	>80	4000

Product name	lm/W	Initial SDCM	T_c			No.
PL-LIN G4-P 1100-830 280X20 [1]	175	≤3	75	A++	60	1
PL-LIN G4-P 1100-840 280X20 [1]	184	≤3	75	A++	60	1
PL-LIN G4-P 2000-830 280X20 [1]	172	≤3	75	A++	60	2
PL-LIN G4-P 2000-840 280X20 [1]	180	≤3	75	A++	60	2
PL-LIN G4-P 2200-830 560X20 [1]	175	≤3	75	A++	60	3
PL-LIN G4-P 2200-840 560X20 [1]	184	≤3	75	A++	60	3
PL-LIN G4-P 4000-830 560X20 [1]	172	≤3	75	A++	60	4
PL-LIN G4-P 4000-840 560X20 [1]	180	≤3	75	A++	60	4

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values / In development, data preliminary

Product features[1]
— Module efficacy: up to 184 lm/W
— Available with luminous flux:
   1,100 lm or 2,000 lm on 280 mm
— Available with luminous flux:
   2,200 lm or 4,000 lm on 560 mm
— Average lifetime (L80 B10): 50,000 h
   (temperature at T_c = 55 °C)
— Available with color temperature: 3,000 K, 4,000 K
— High initial color consistency: ≤ 3 SDCM
— CE marked, ENEC and VDE certified

Product benefits
— Slim module for design of narrow luminaires
— High homogeneity thanks to small LED pitch
— Cut-out area for shadow-free wiring
— SELV or non-SELV module for easy luminaire design

Areas of application
— Offices
— Industry

References/Links
For more information on the multi-level guarantee and the terms and conditions of the guarantee, visit www.osram.com/system-guarantee

Basic Linear G2

Economy as the key to success

For a variety of lighting applications that focus on economy, the Basic Linear G2 LED module has proven to be the right choice. Basic Linear G2 is primarily used in damp-proof or batten luminaires in car parks, storage rooms or corridors, which require high volumes.

Easy mounting, variable use

Basic Linear G2 is designed for lumens per euro, without missing out on good light quality and performance. Luminaires with a length of 1.2 m, in particular, can be retrofitted to LED in no time at all with the 1,120 mm long LED module.

To fully highlight the economy, the product family Basic Linear G2 is completely matched to the cost-efficient OPTOTRONIC® FIT D or ELEMENT driver families. Thanks to the flexible driver choice, the application the luminaire is meant for can definitely be implemented.

Basic Linear G2
Linear Light Engines
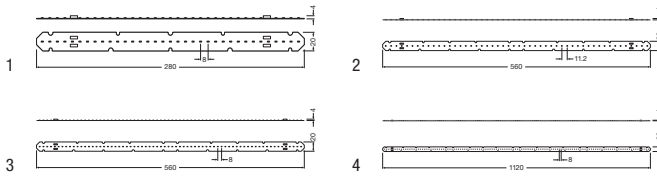
Product name	GTIN (EAN)	V	A	W	K	Ra	lm
BA-LIN-Z2 1100-830 280X20 [1]	4052899989788	30	0.25	7.30	3000	>80	1100
BA-LIN-Z2 1100-840 280X20 [1]	4052899989801	30	0.25	7.30	4000	>80	1100
BA-LIN-Z2 1550-830 560X20 [1]	4052899989825	41	0.25	10.30	3000	>80	1550
BA-LIN-Z2 1550-840 560X20 [1]	4052899989849	41	0.25	10.30	4000	>80	1550
BA-LIN-Z2 2200-830 560X20 [1]	4052899989863	59	0.25	14.70	3000	>80	2200
BA-LIN-Z2 2200-840 560X20 [1]	4052899989887	59	0.25	14.70	4000	>80	2200
BA-LIN-Z2 4400-830 1120X20 [1]	4052899989900	119	0.25	29.30	3000	>80	4400
BA-LIN-Z2 4400-840 1120X20 [1]	4052899989924	119	0.25	29.30	4000	>80	4400

Product name	lm/W	Initial SDCM	T_c			No.
BA-LIN-Z2 1100-830 280X20 [1]	145	≤3	80	A++	200	1
BA-LIN-Z2 1100-840 280X20 [1]	152	≤3	80	A++	200	1
BA-LIN-Z2 1550-830 560X20 [1]	145	≤3	80	A++	100	2
BA-LIN-Z2 1550-840 560X20 [1]	153	≤3	80	A++	100	2
BA-LIN-Z2 2200-830 560X20 [1]	145	≤3	80	A++	100	3
BA-LIN-Z2 2200-840 560X20 [1]	153	≤3	80	A++	100	3
BA-LIN-Z2 4400-830 1120X20 [1]	145	≤3	80	A++	50	4
BA-LIN-Z2 4400-840 1120X20 [1]	153	≤3	80	A++	50	4

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information,
see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values / In development, data preliminary

Product features[1]
— Module efficacy: up to 153 lm/W
— Average lifetime (L70 B50): 50,000 h
  (temperature at $T_p = 55\ °C$)
— Available with luminous flux: 1,100 lm on 280 mm
— Available with luminous flux: 1,550 lm, 2,200 lm
  on 560 mm
— Available with luminous flux: 4,400 lm on 1,120 mm
— Available with color temperature: 3,000 K or 4,000 K
— High initial color consistency: ≤ 3 SDCM
— CE marked

Product benefits
— Slim module for design of narrow luminaires
— Illumination comparable to that of reflector luminaires
— SELV or non-SELV module for easy luminaire design
— System match with OSRAM driver portfolio

Areas of application
— Underground carpark
— Industry (storage, warehouse)
— Suitable for indoor applications

References/Links
For more information on the multi-level guarantee
and the terms and conditions of the guarantee, visit
www.osram.com/system-guarantee

Installation hints and tips

Current distribution across LED modules connected in parallel

In the past, the wiring of conventional lamps used to be specified in advance: Lamps were either directly connected to the mains supply or there was a specific terminal pair available on the driver for each lamp. Today, state-of-the art LED technology not only enables a larger variety of possible applications, but also provides various options for the connection of modules and drivers to enable the ideal combination of constant-current drivers and LED modules. However, new challenges arise at the same time and perfect circuitry is more important than ever before.
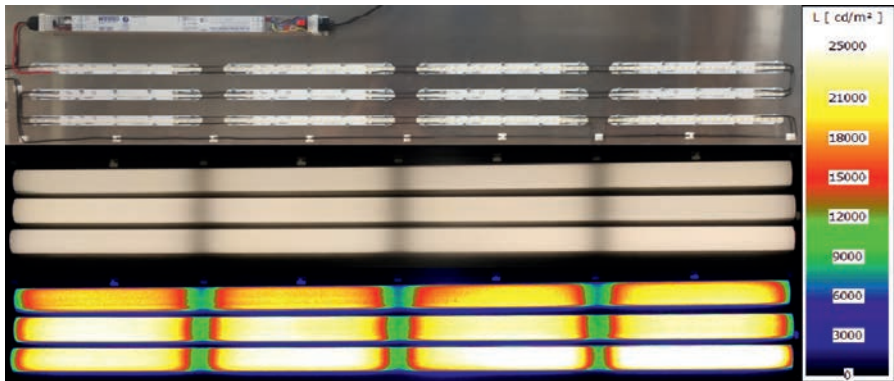
Top: Measuring set-up with driver and modules without diffuser
Center: Real photo
Bottom: Luminance image in false color representation with single-side power supply
Right: Scale of the luminance image

The figure above shows a sample set-up with 12 PrevaLED® Linear units connected in parallel to an OTi DALI 80/220…240/2A1 LT2 L. Together, all the modules have an overall length of 3.36 meters. The false color representation clearly shows that the first module directly connected to the driver looks significantly brighter than the last module. This can lead to disturbing brightness jumps, for example when using a light strip where the luminaires installed are flush with each other. In this example, power is supplied from one side and is looped through the individual modules. In this context, single-side power supply means that the plus and minus terminals on the same module side are used. This is illustrated once again in the following schematic representation.

Schematic representation – "single-side power supply"

■ Current flow through the first module
■ Current flow through the second module
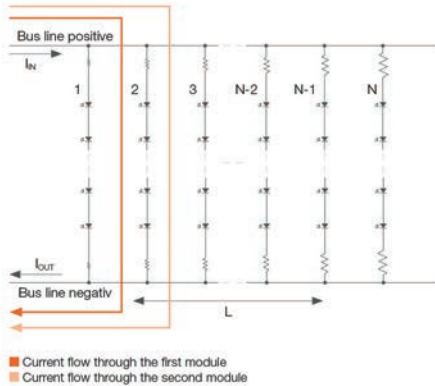
**Equivalent circuit diagram –
single-side power supply**
Source: Luminous Flux and Current
Uniformity Analysis in Linear LED Modules
Ming Li[a], Keng Chen[a], Arnulf Rupp[b],
Daniel Chu[a] & Divya Vangari[a]
[a] OSRAM Sylvania, Inc., Danvers,
  Massachusetts, USA
[b] OSRAM Licht AG, Garching, Germany

The figure above shows an equivalent circuit diagram of the set-up. The parasitic resistances shown in the equivalent circuit diagram correspond to the unavoidable resistances of the lines, conductors and transition resistances on the terminals. These resistances add up depending on the number of modules and due to the

voltage drop on each module, the voltage decreases from one module to the next. For this reason, the current supplied by the driver cannot be distributed homogeneously across all LED modules – and the brightness level differs from module to module.
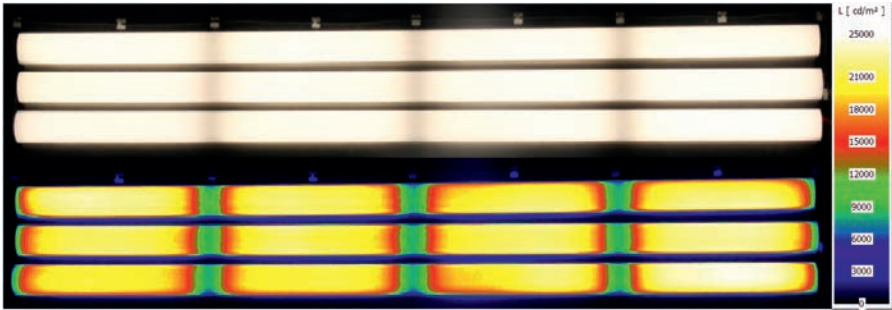
Top: Real photo
Bottom: Luminance image in false color representation with crossover power supply
Right: Scale of the luminance image

The figure above shows the same set-up, but with different wiring. All the modules achieve almost the same brightness level. This is due to the fact that the positive terminal is connected to one side of the modules connected in parallel and the negative terminal is connected to the other side. The following schematic representation illustrates this connection principle.

Schematic representation – "crossover power supply"
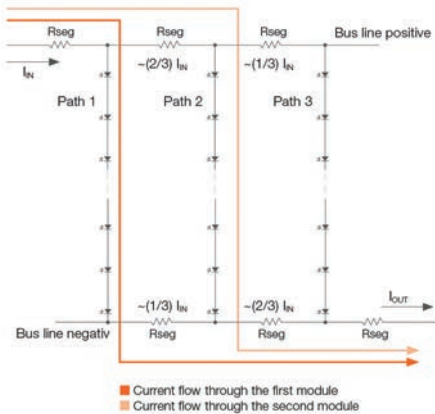
Equivalent circuit diagram – crossover power supply
Source: Luminous Flux and Current Uniformity Analysis in Linear LED Modules
Ming Li[a], Keng Chen[a], Arnulf Rupp[b], Daniel Chu[a] & Divya Vangari[a]
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■ Current flow through the first module
■ Current flow through the second module

The figure on the previous page shows the equivalent circuit diagram of this connection principle. When looking at the current flow through the modules in the equivalent circuit diagram (orange and bright orange lines) and adding up the parasitic resistors, the total resistance per module is 3 x Rseg. This ensures that the current supplied by the driver is evenly distributed across all the LED modules.

The problem of uneven current distribution across LED modules connected in parallel especially concerns luminaires with Safety Extra-Low Voltage (SELV), because the currents are higher and the voltages are lower. If the LED modules are consistently connected in series, each module is supplied with the same current and the problem described cannot occur.

Last but not least, it should be noted that a difference in brightness within a ready-manufactured luminaire can also be caused by other conditions such as incorrect module installation, inequalities or the contamination of reflectors and diffusers. Furthermore, other chemical impacts on the LEDs through the use of improper materials or caused by the environment etc. are also possible.
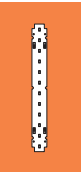
PrevaLED® Area G4

Light in a square
The LED module PrevaLED® Area G4 is ideally suited for area luminaires such as the widely used troffer luminaire. With only two LED modules, conventional luminaires are retrofitted to LED in the twinkling of an eye.

Easy luminaire integration
The LED pitch is very small, which ensures a homogeneous illumination. PrevaLED® Area G4 is a SELV-only module and is perfectly matched to the OPTOTRONIC® SELV driver family. Luminaire integration is therefore quick and comfortable.

A very high efficiency of up to 178 lm/W, a high lumen package of 5,000 to 7,000 lumens and a choice of light colors of 3,000 K or 4,000 K provide the right light in a wide variety of applications.

PrevaLED® Area G4
Area and Bar Light Engines
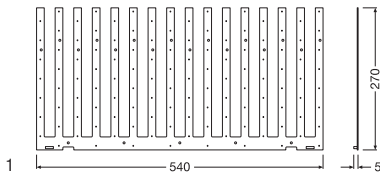
Product name	GTIN (EAN)	V	A	W	K	Ra	lm
PL-AR-G4 2500-830 [1]	**4052899529359**	41	0.35	14	3000	>80	2460
PL-AR-G4 2500-840 [1]	**4052899529373**	41	0.35	14	4000	>80	2500

Product name	lm/W	Initial SDCM	Tc			No.
PL-AR-G4 2500-830 [1]	170	≤3	75	A++	20	1
PL-AR-G4 2500-840 [1]	178	≤3	75	A++	20	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values / In development, data preliminary

Product features[1]
— Module efficacy: up to 178 lm/W
— Average lifetime (L80 B50): 50,000 h
  (temperature at T_c = 55 °C)
— Available with luminous flux: 2,500 lm
— Available with color temperature: 3,000 K or 4,000 K
— High initial color consistency: ≤ 3 SDCM
— CE marked

Product benefits
— Rectangular shape (540 mm x 270 mm) to fit in multiple square applications
— Easy installation and mounting via interconnection of two modules
— Provides homogenous light suitable for application in area luminaires
— SELV module for easy luminaire design

Areas of application
— Offices
— Hallways, corridors
— Light ceilings

References/Links
For more information on the multi-level guarantee and the terms and conditions of the guarantee, visit www.osram.com/system-guarantee

Basic Area G1

Ideal for cost optimization

For troffer luminaires that focus on economy and do not require a module efficiency higher than 150 lm/W, Basic Area G1 is just the right thing.

Basic Area G1 offers the same photometric properties as its big brother PrevaLED® Area G4. The only difference is a lower module efficiency of up to 150 lm/W.

Homogeneous illumination

Basic Area G1, which is available in the light colors 3,000 K and 4,000 K, is also characterized by its very small LED pitch, which ensures a homogeneous illumination in all applications of troffer luminaires.

Basic Area G1
Area and Bar Light Engines
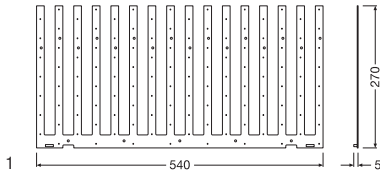
Product name	GTIN (EAN)	V	A	W	K	Ra	lm
BA-AR-G1 2500-830 540X270 [1]	4052899989238	42.8	0.4	17.20	3000	>80	2450
BA-AR-G1 2500-840 540X270 [1]	4052899989252	42.8	0.4	17.20	4000	>80	2590

Product name	lm/W	Initial SDCM	Tc			No.
BA-AR-G1 2500-830 540X270 [1]	142	≤3	75	A++	20	1
BA-AR-G1 2500-840 540X270 [1]	152	≤3	75	A++	20	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values / In development, data preliminary

Product features [1]
— Module efficacy: up to 152 lm/W
— Average lifetime (L80 B50): 50,000 h
  (temperature at T_c = 55 °C)
— Available with luminous flux: 2,500 lm
— Available with color temperature: 3,000 K or 4,000 K
— High initial color consistency: ≤ 3 SDCM
— CE marked

Product benefits
— Rectangular shape (540 mm x 270 mm) to fit in multiple square applications
— Easy installation and mounting via interconnection of two modules
— Provides homogenous light suitable for application in area luminaires
— SELV module for easy luminaire design

Areas of application
— Offices
— Hallways, corridors
— Light ceilings

References/Links
For more information on the multi-level guarantee and the terms and conditions of the guarantee, visit www.osram.com/system-guarantee

PrevaLED® Bar

The LED module among the trunking systems

With its three-row LED arrangement on the circuit board, the light engine PrevaLED® Bar is particularly suited for trunking systems, which are used, for example, in supermarkets or for shop & retail.

Retail applications

In terms of light quality, PrevaLED® Bar has excellent properties as the three-row LED arrangement reduces the luminance and therefore the glare.

PrevaLED® Bar is perfectly matched to optics that are currently available on the market (e.g. Ledil® or Carclo®). Thus, the assembly of a professional trunking system becomes as easy as it gets. You have the choice between the light colors 3,000 K, 4,000 K and 6,500 K, for a 280 mm as well as a 560 mm long LED module.

PrevaLED® Bar is suitable for operation with SELV as well as non-isolated drivers. Rest assured that you will find the right driver for your application.

PrevaLED® Bar Gen2
Area and Bar Light Engines
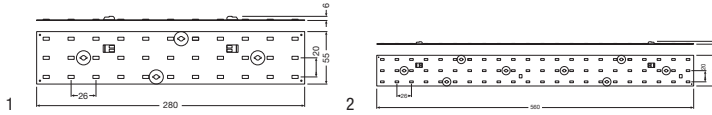
Product name	GTIN (EAN)	V	A	W	K	Ra	lm
PLG2-BAR-1100-830-280x55-DC [1]	**4052899303935**	31	0.225	7	3000	>80	1100
PLG2-BAR-1100-840-280x55-DC [1]	**4052899303959**	31	0.225	7	4000	>80	1100
PLG2-BAR-1100-865-280x55-DC [1]	**4052899303973**	31	0.225	7	6500	>80	1100
PLG2-BAR-2200-830-560x55-DC [1]	**4052899303997**	31	0.45	14	3000	>80	2200
PLG2-BAR-2200-840-560x55-DC [1]	**4052899304017**	31	0.45	14	4000	>80	2200
PLG2-BAR-2200-865-560x55-DC [1]	**4052899304031**	31	0.45	14	6500	>80	2200

Product name	lm/W	Initial SDCM	Tc			No.
PLG2-BAR-1100-830-280x55-DC [1]	155	≤3	80	A++	40	1
PLG2-BAR-1100-840-280x55-DC [1]	155	≤3	80	A++	40	1
PLG2-BAR-1100-865-280x55-DC [1]	155	≤3	80	A++	40	1
PLG2-BAR-2200-830-560x55-DC [1]	155	≤3	80	A++	40	2
PLG2-BAR-2200-840-560x55-DC [1]	155	≤3	80	A++	40	2
PLG2-BAR-2200-865-560x55-DC [1]	155	≤3	80	A++	40	2

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values

Product features[1]
— High module efficacy: up to 155 lm/W
— Average lifetime (L80 B10): 50,000 h (temperature at Tc = 55 °C)
— Available with color temperature: 3,000 K, 4,000 K or 6,500 K
— High initial color consistency: ≤ 3 SDCM
— Poke-in wire connection for 0.5 mm² or 0.75 mm² wire
— Serial and parallel connection
— Self-cooling
— CE marked
— ENEC 10 mark

Product benefits
— Rectangular shape (280 mm, 560 mm x 55 mm) to fit in multiple trunking systems
— Reduced luminance thanks to three-row LED arrangement

Areas of application
— Suitable for application in trunking systems
— Industry
— Supermarkets

References/Links
For more information on the multi-level guarantee and the terms and conditions of the guarantee, visit www.osram.com/system-guarantee

PrevaLED® Linear 33 mm LED modules
Accessories
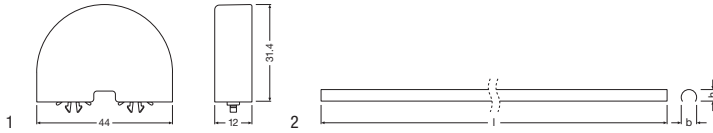
Product name	GTIN (EAN)	h [mm]	b [mm]	l [mm]		No.
PREVALED LV DIFFUSER 560	4052899130319	30	40	560	100	2
PREVALED LV DIFFUSER 600	4052899130333	30	40	600	100	2
PREVALED LV DIFFUSER 1150	4052899130357	30	40	1150	50	2
PREVALED LV DIFFUSER 1450	4052899130371	30	40	1450	50	2
ENDCAP for LIN-DIFFUSER	4052899376670	31	12	43	100	1

Product features
— Transmission > 85 %

Product benefits
— Homogeneous glare-free light distribution
— Fast snap-on mounting using mounting screws
— Available with length: 560 mm, 600 mm, 1,150 mm, 1,450 mm
— Prevents touching of light source

Areas of application
— Optical light impression as fluorescent tube

PrevaLED® Linear 20 mm LED modules
Accessories
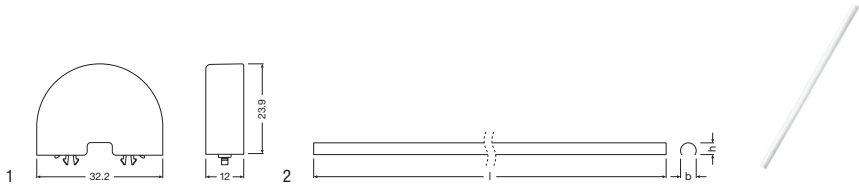
Product name	GTIN (EAN)	h [mm]	b [mm]	l [mm]		No.
PL-LIN DIFFUSER 560X28	4052899466692	22	28.5	560	100	2
PL-LIN DIFFUSER 600X28	4052899466739	22	28.5	600	100	2
PL-LIN DIFFUSER 1150X28	4052899466753	22	28.5	1150	50	2
PL-LIN DIFFUSER 1450X28	4052899466777	22	28.5	1450	50	2
PL-LIN ENDCAP FOR DIFFUSER 28	4052899466791	24	12	32	100	1

Product features
— Transmission > 82 %
— Material: polycarbonate (PC)

Product benefits
— Homogeneous glare-free light distribution
— Fast snap-on mounting using mounting screws
— Available with length: 560 mm, 600 mm, 1,150 mm, 1,450 mm
— Prevents touching of light source

Areas of application
— Optical light impression as fluorescent tube
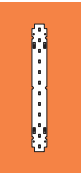
PrevaLED® Linear Optic
Accessories

Product name	GTIN (EAN)	h [mm]	b [mm]	l [mm]	📦	💡 No.
PL-LIN OPTIC 60 DIFF 560X10	**4052899986527**	7.9	10.3	560	100	1
PL-LIN OPTIC 60 DIFF 1120X10	**4052899986534**	7.9	10.3	1120	100	2
PL-LIN OPTIC 50 CLR 560X10	**4052899986541**	7.9	10.3	560	100	1
PL-LIN OPTIC 50 CLR 1120X10	**4052899986558**	7.9	10.3	1120	100	2
PL-LIN OPTIC 40 CLR 560X10	**4052899986565**	7.9	10.3	560	100	1
PL-LIN OPTIC 40 CLR 1120X10	**4052899986572**	7.9	10.3	1120	100	2
PL-LIN OPTIC CLIP WT	**4052899986589**	7.5	11.8	15	700	3

Product features
— Beam angle: 40°, 50° and 60°
— Available with length: 560 mm, 1,120 mm
— Material: PMMA

Product benefits
— Linear optic for PrevaLED® Linear 20 mm
— Quick and easy mounting thanks to plastic holder
— High transmission by diffuse optic
— High transmission by transparent optic

Areas of application
— Offices
— Industry
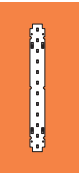
PrevaLED® Core G7

Smaller dimensions, larger selection, higher efficiency

Today, spotlights and downlights are becoming ever smaller and more efficient – but are expected to serve an even larger spectrum of applications. Whether in general lighting, shop lighting or special applications: The components must be suitable for use in a family of luminaires. The new product design of the PrevaLED® Core G7 enables optimized luminaire designs due to reduced loss of luminous flux. With its particularly low OCA height (Optical Contact Area) of just 3.5 mm and its small LES (Light-Emitting Surface) of only 10 mm or 15 mm, the reflector can be positioned very close to the light source and enables an improved light coupling and beam control. Both of these are ideal prerequisites for designing luminaires that feature optimized lighting technology and smaller overall dimensions.

Benefit from an extended range of LED modules for spotlights and downlights

We offer a very large spectrum of power ranges, color temperatures and light qualities:
— 1,000, 2,000, 3,000 or 5,000 lm
— 2,700, 3,000, 3,500 or 4,000 K
— CRI > 80 or > 90
— Food colors: Meat, fish, bread or fruit and vegetables
— Fashion colors: White for clothing in brilliant colors and high contrast

Depending on the application, we recommend the combination of PrevaLED® Core G7 with our LED driver families OT FIT LT2 S and OT FIT CS G2 for an optimal OSRAM system solution. More details can be found in the chapter "LED drivers" and at www.osram.com/ds.

PrevaLED® Core G7 L15 H1

Light engines and modules for spotlights, downlights and wall-mounted luminaires
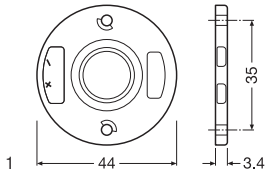
Product name	GTIN (EAN)	W	V	A	lm	lm/W	K
PL-CORE-G7 2000-827 L15 H1 [1]	4052899534308	13.50	34.4	0.393	2000	148	2700
PL-CORE-G7 2000-830 L15 H1 [1]	4052899534322	12.70	34.2	0.37	2000	158	3000
PL-CORE-G7 2000-835 L15 H1 [1]	4052899534346	12.40	34.2	0.364	2000	161	3500
PL-CORE-G7 2000-840 L15 H1 [1]	4052899534360	11.90	34.1	0.349	2000	168	4000
PL-CORE-G7 2000-927 L15 H1 [1]	4052899534384	16.20	34.9	0.465	2000	123	2700
PL-CORE-G7 2000-930 L15 H1 [1]	4052899534407	15.20	34.7	0.437	2000	132	3000
PL-CORE-G7 2000-935 L15 H1 [1]	4052899534421	16.20	34.9	0.465	2000	123	3500
PL-CORE-G7 2000-940 L15 H1 [1]	4052899534445	15.20	34.7	0.438	2000	132	4000
PL-CORE-G7 3000-827 L15 H1 [1]	4052899534469	21.40	35.2	0.608	3000	140	2700
PL-CORE-G7 3000-830 L15 H1 [1]	4052899534483	20.30	35.1	0.58	3000	148	3000
PL-CORE-G7 3000-835 L15 H1 [1]	4052899534506	20.90	35.2	0.594	3000	144	3500
PL-CORE-G7 3000-840 L15 H1 [1]	4052899534520	18.90	34.8	0.542	3000	159	4000
PL-CORE-G7 3000-927 L15 H1 [1]	4052899534544	27	36.1	0.749	3000	111	2700
PL-CORE-G7 3000-930 L15 H1 [1]	4052899534568	25.50	35.9	0.711	3000	118	3000
PL-CORE-G7 3000-935 L15 H1 [1]	4052899534582	24.30	35.7	0.682	3000	123	3500
PL-CORE-G7 3000-940 L15 H1 [1]	4052899534605	23.70	35.6	0.666	3000	127	4000
PL-CORE-G7 5000-827 L15 H1 [1]	4052899534629	41.10	36.7	1.12	5000	122	2700
PL-CORE-G7 5000-830 L15 H1 [1]	4052899534643	36.10	36.1	0.999	5000	139	3000
PL-CORE-G7 5000-835 L15 H1 [1]	4052899534667	37.70	36.3	1.038	5000	133	3500
PL-CORE-G7 5000-840 L15 H1 [1]	4052899534681	34	35.9	0.947	5000	147	4000
PL-CORE-G7 5000-927 L15 H1 [1]	4052899534704	47	37.3	1.26	5000	106	2700
PL-CORE-G7 5000-930 L15 H1 [1]	4052899534728	46.40	37.2	1.247	5000	108	3000
PL-CORE-G7 5000-935 L15 H1 [1]	4052899534742	45.30	37.1	1.221	5000	110	3500
PL-CORE-G7 5000-940 L15 H1 [1]	4052899534766	44.10	37	1.192	5000	113	4000

Product name	R_a	Initial SDCM	T_c	t [h]			No.
PL-CORE-G7 2000-827 L15 H1 [1]	≥80	≤3	100	60000	A+	40	1
PL-CORE-G7 2000-830 L15 H1 [1]	≥80	≤3	100	60000	A++	40	1
PL-CORE-G7 2000-835 L15 H1 [1]	≥80	≤3	100	60000	A++	40	1
PL-CORE-G7 2000-840 L15 H1 [1]	≥80	≤3	100	60000	A++	40	1
PL-CORE-G7 2000-927 L15 H1 [1]	≥90	≤3	100	60000	A+	40	1
PL-CORE-G7 2000-930 L15 H1 [1]	≥90	≤3	100	60000	A+	40	1
PL-CORE-G7 2000-935 L15 H1 [1]	≥90	≤3	100	60000	A+	40	1
PL-CORE-G7 2000-940 L15 H1 [1]	≥90	≤3	100	60000	A+	40	1
PL-CORE-G7 3000-827 L15 H1 [1]	≥80	≤3	100	60000	A+	40	1
PL-CORE-G7 3000-830 L15 H1 [1]	≥80	≤3	100	60000	A++	40	1
PL-CORE-G7 3000-835 L15 H1 [1]	≥80	≤3	100	60000	A++	40	1
PL-CORE-G7 3000-840 L15 H1 [1]	≥80	≤3	100	60000	A++	40	1
PL-CORE-G7 3000-927 L15 H1 [1]	≥90	≤3	100	60000	A+	40	1
PL-CORE-G7 3000-930 L15 H1 [1]	≥90	≤3	100	60000	A+	40	1
PL-CORE-G7 3000-935 L15 H1 [1]	≥90	≤3	100	60000	A+	40	1
PL-CORE-G7 3000-940 L15 H1 [1]	≥90	≤3	100	60000	A+	40	1
PL-CORE-G7 5000-827 L15 H1 [1]	≥80	≤3	100	60000	A+	40	1
PL-CORE-G7 5000-830 L15 H1 [1]	≥80	≤3	100	60000	A+	40	1
PL-CORE-G7 5000-835 L15 H1 [1]	≥80	≤3	100	60000	A+	40	1
PL-CORE-G7 5000-840 L15 H1 [1]	≥80	≤3	100	60000	A+	40	1
PL-CORE-G7 5000-927 L15 H1 [1]	≥90	≤3	100	60000	A+	40	1
PL-CORE-G7 5000-930 L15 H1 [1]	≥90	≤3	100	60000	A+	40	1
PL-CORE-G7 5000-935 L15 H1 [1]	≥90	≤3	100	60000	A+	40	1
PL-CORE-G7 5000-940 L15 H1 [1]	≥90	≤3	100	60000	A+	40	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values

Product features[1]
— Complete portfolio with varying luminous flux, color temperature, color rendering
— Available with color temperature: 2,700 K, 3,000 K, 3,500 K or 4,000 K
— High module efficacy: up to 168 lm/W at T_p = 65 °C
— CE marked
— Lifetime (L80/B10): 60,000 h (temperature at T_p = 65 °C)

Product benefits
— Easy integration thanks to very compact form factor
— Easy cooling due to optimized efficiency and high maximum operation temperature
— High driver flexibility allows cost-effective and intelligent systems
— 5-year guarantee

Areas of application
— Spotlighting in shops and retail
— Down- and wall lighting in offices, corridors, meeting rooms, workplaces
— Decorative and functional lighting in hospitality, hotels, restaurants
— Functional lighting in public and commercial buildings

References/Links
For more information on the multi-level guarantee and the terms and conditions of the guarantee, visit www.osram.com/system-guarantee

PrevaLED® Core G7 L10 H1
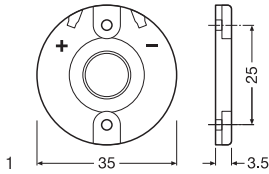Light engines and modules for spotlights, downlights and wall-mounted luminaires

5 Year

OSRAM Guarantee*

Product name	GTIN (EAN)	W	V	A	lm	lm/w	K
PL-CORE-G7 1000-827 L10 H1 [1]	**4052899533929**	7.30	35.3	0.206	1000	138	2700
PL-CORE-G7 1000-830 L10 H1 [1]	**4052899533943**	6.80	35.1	0.195	1000	146	3000
PL-CORE-G7 1000-835 L10 H1 [1]	**4052899533967**	6.60	35	0.189	1000	152	3500
PL-CORE-G7 1000-840 L10 H1 [1]	**4052899533981**	6.40	34.9	0.184	1000	156	4000
PL-CORE-G7 1000-927 L10 H1 [1]	**4052899534001**	8.80	36	0.245	1000	113	2700
PL-CORE-G7 1000-930 L10 H1 [1]	**4052899534049**	8.30	35.8	0.233	1000	120	3000
PL-CORE-G7 1000-935 L10 H1 [1]	**4052899534063**	8	35.6	0.224	1000	125	3500
PL-CORE-G7 1000-940 L10 H1 [1]	**4052899534100**	7.80	35.6	0.219	1000	128	4000
PL-CORE-G7 2000-827 L10 H1 [1]	**4052899534124**	15.30	35.4	0.431	2000	131	2700
PL-CORE-G7 2000-830 L10 H1 [1]	**4052899534148**	14.40	35.2	0.408	2000	139	3000
PL-CORE-G7 2000-835 L10 H1 [1]	**4052899534186**	13.90	35.1	0.395	2000	144	3500
PL-CORE-G7 2000-840 L10 H1 [1]	**4052899534209**	13.60	35.1	0.387	2000	147	4000
PL-CORE-G7 2000-927 L10 H1 [1]	**4052899534223**	18.50	36.1	0.512	2000	108	2700
PL-CORE-G7 2000-927 L10 H1 [1]	**4052899534247**	17.40	35.9	0.486	2000	115	3000
PL-CORE-G7 2000-935 L10 H1 [1]	**4052899534261**	16.70	35.8	0.468	2000	120	3500
PL-CORE-G7 2000-940 L10 H1 [1]	**4052899534285**	16.30	35.7	0.458	2000	123	4000

Product name	Ra	Initial SDCM	Tc	t [h]			No.
PL-CORE-G7 1000-827 L10 H1 [1]	≥80	≤3	100	60000	A++	100	1
PL-CORE-G7 1000-830 L10 H1 [1]	≥80	≤3	100	60000	A++	100	1
PL-CORE-G7 1000-835 L10 H1 [1]	≥80	≤3	100	60000	A++	100	1
PL-CORE-G7 1000-840 L10 H1 [1]	≥80	≤3	100	60000	A++	100	1
PL-CORE-G7 1000-927 L10 H1 [1]	≥90	≤3	100	60000	A+	100	1
PL-CORE-G7 1000-930 L10 H1 [1]	≥90	≤3	100	60000	A+	100	1
PL-CORE-G7 1000-935 L10 H1 [1]	≥90	≤3	100	60000	A+	100	1
PL-CORE-G7 1000-940 L10 H1 [1]	≥90	≤3	100	60000	A+	100	1
PL-CORE-G7 2000-827 L10 H1 [1]	≥80	≤3	100	60000	A+	100	1
PL-CORE-G7 2000-830 L10 H1 [1]	≥80	≤3	100	60000	A+	100	1
PL-CORE-G7 2000-835 L10 H1 [1]	≥80	≤3	100	60000	A++	100	1
PL-CORE-G7 2000-840 L10 H1 [1]	≥80	≤3	100	60000	A++	100	1
PL-CORE-G7 2000-927 L10 H1 [1]	≥90	≤3	100	60000	A+	100	1
PL-CORE-G7 2000-927 L10 H1 [1]	≥90	≤3	100	60000	A+	100	1
PL-CORE-G7 2000-935 L10 H1 [1]	≥90	≤3	100	60000	A+	100	1
PL-CORE-G7 2000-940 L10 H1 [1]	≥90	≤3	100	60000	A+	100	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information,
see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for
the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical
values

Product features[1]
— Complete portfolio with varying luminous flux, color temperature, color rendering
— Available with color temperature: 2,700 K, 3,000 K, 3,500 K or 4,000 K
— High module efficacy: up to 156 lm/W at T_p = 65 °C
— CE marked
— Lifetime (L80/B10): 60,000 h (temperature at T_p = 65 °C)

Product benefits
— Easy integration thanks to very compact form factor
— Easy cooling due to optimized efficiency and high maximum operation temperature
— High driver flexibility allows cost-effective and intelligent systems
— 5-year guarantee

Areas of application
— Spotlighting in shops and retail
— Down- and wall lighting in offices, corridors, meeting rooms, workplaces
— Decorative and functional lighting in hospitality, hotels, restaurants
— Functional lighting in public and commercial buildings

References/Links
For more information on the multi-level guarantee and the terms and conditions of the guarantee, visit www.osram.com/system-guarantee

PrevaLED® Core G7 driver matching overview

OSRAM NAME (LE=COB+Holder)	DALI – SELV — OTi DALI 15/220…240/1A4 LT2	OTi DALI 25/220…240/700 LT2	OTi DALI 35/220…240/1A0 LT2	OTi DALI 50/220…240/1A4 LT2 FAN	OT FIT LT2 – SELV & LP — OT FIT 15/220…240/500 LT2 S / LP	OT FIT 25/220…240/700 LT2 S / LP	OT FIT 40/220…240/1A0 LT2 S / LP	OT FIT CS G2 – SELV (DIP switch) — OT FIT 20/220…240/500 CS G2 — 250	350	450	500
	Luminous flux depends on set current				Luminous flux depends on set current			Luminous flux [lm] according to current [mA] as follows			
PL-CORE-G7 1000-827 L10 H1	■				■			1195	1603		
PL-CORE-G7 1000-830 L10 H1	■				■			1256	1685		
PL-CORE-G7 1000-835 L10 H1	■				■			1294	1737		
PL-CORE-G7 1000-840 L10 H1	■				■			1325	1778		
PL-CORE-G7 1000-927 L10 H1	■	■			■			1017	1365		
PL-CORE-G7 1000-930 L10 H1	■	■			■			1066	1431		
PL-CORE-G7 1000-935 L10 H1	■	■			■			1103	1481		
PL-CORE-G7 1000-940 L10 H1	■	■			■			1126	1511		
PL-CORE-G7 2000-827 L10 H1	■	■			■	■		1189	1645	2081	2291
PL-CORE-G7 2000-830 L10 H1	■	■			■	■		1251	1731	2190	2411
PL-CORE-G7 2000-835 L10 H1	■	■			■	■		1290	1784	2257	2485
PL-CORE-G7 2000-840 L10 H1	■	■			■	■		1315	1819	2301	2533
PL-CORE-G7 2000-927 L10 H1		■	■			■	■	1016	1405	1778	1958
PL-CORE-G7 2000-930 L10 H1		■	■			■	■	1065	1473	1864	2052
PL-CORE-G7 2000-935 L10 H1	■	■	■			■	■	1102	1525	1929	2124
PL-CORE-G7 2000-940 L10 H1	■	■	■			■	■	1124	1556	1968	2167
PL-CORE-G7 2000-827 L15 H1	■	■			■	■		1312	1769	2262	2487
PL-CORE-G7 2000-830 L15 H1	■	■			■	■		1386	1898	2390	2628
PL-CORE-G7 2000-835 L15 H1	■	■			■	■		1408	1928	2427	2669
PL-CORE-G7 2000-840 L15 H1	■	■			■	■		1463	2004	2522	2774
PL-CORE-G7 2000-927 L15 H1	■	■	■		■	■	■		1541	1940	2133
PL-CORE-G7 2000-930 L15 H1	■	■	■		■	■	■		1633	2055	2260
PL-CORE-G7 2000-935 L15 H1	■	■	■		■	■	■		1543	1943	2137
PL-CORE-G7 2000-940 L15 H1	■	■	■		■	■	■		1627	2048	2252
PL-CORE-G7 3000-827 L15 H1		■	■			■	■				
PL-CORE-G7 3000-830 L15 H1		■	■			■	■				
PL-CORE-G7 3000-835 L15 H1		■	■			■	■				
PL-CORE-G7 3000-840 L15 H1		■	■			■	■				
PL-CORE-G7 3000-927 L15 H1			■	■			■				
PL-CORE-G7 3000-930 L15 H1		■	■	■			■				
PL-CORE-G7 3000-935 L15 H1		■	■	■		■	■				
PL-CORE-G7 3000-940 L15 H1		■	■	■		■	■				
PL-CORE-G7 5000-827 L15 H1				■							
PL-CORE-G7 5000-830 L15 H1				■			■				
PL-CORE-G7 5000-835 L15 H1				■			■				
PL-CORE-G7 5000-840 L15 H1				■			■				
PL-CORE-G7 5000-927 L15 H1				■							
PL-CORE-G7 5000-930 L15 H1				■							
PL-CORE-G7 5000-935 L15 H1				■							
PL-CORE-G7 5000-940 L15 H1				■							

OT FIT CS G2 – SELV (DIP switch)

OT FIT 30/220…240/700 CS G2				OT FIT 40/220…240/1A0 CS G2			
Luminous flux [lm] according to current [mA] as follows				Luminous flux [lm] according to current [mA] as follows			
500	600	650	700	500	600	650	700
2291	2697	2892	3082				
2411	2838	3043	3244				
2485	2925	3137	3343				
2533	2982	3198	3408				
1958	2304	2471	2633				
2052	2415	2590	2760				
2124	2500	2681	2858				
2167	2550	2735	2915				
2487	2922	3132	3338				
2628	3088	3310	3527				
2669	3136	3362	3583				
2774	3259	3494	3723				
2133	2507	2687	2863				
2260	2656	2847	3033				
2137	2511	2691	2868				
2252	2647	2837	3023				
2510	2965	3188	3407	3836	4251	4454	4849
2619	3095	3327	3556	4003	4437	4648	5061
2561	3025	3252	3476	3914	4337	4544	4947
2784	3289	3536	3780	4255	4716	4941	5379
2083	2461	2646	2828	3184	3529	3697	4025
2179	2575	2768	2959	3331	3692	3868	4211
2262	2673	2873	3071	3457	3832	4014	4371
2311	2730	2935	3137	3532	3914	4101	4465
							4722
							5228
							5052
							5489
							4257
							4295
							4377
							4467

Note:
Tolerance for optical and
electrical data: ±10 %

PrevaLED® Core AC G2

Light engines and modules for spotlights, downlights and wall-mounted luminaires
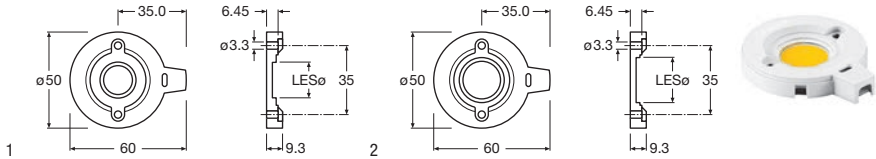
Product name	GTIN (EAN)	W	V	λ	lm	$^{lm}/_{W}$	K	R_a
PL-CORE AC-800-827 [1]	4052899952751	8.90	230	0.99	800	90	2700	83
PL-CORE AC-800-830 [1]	4052899952768	8.60	230	0.99	800	93	3000	83
PL-CORE AC-2000-830 [1]	4052899952775	19.60	230	0.99	2000	102	3000	83
PL-CORE AC-2000-840 [1]	4052899952782	18.40	230	0.99	2000	109	4000	83

Product name	Initial SDCM	LES Ø	T_c	t [h]			No.
PL-CORE AC-800-827 [1]	≤3	14	80	50000	A+	50	1
PL-CORE AC-800-830 [1]	≤3	14	80	50000	A+	50	1
PL-CORE AC-2000-830 [1]	≤3	19	80	50000	A+	50	2
PL-CORE AC-2000-840 [1]	≤3	19	80	50000	A+	50	2

1) For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module.
In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values

Product features[1]
— LED light engine with integrated driver
— Light-emitting surface, diameter, mounting holes positioning according to Zhaga Book 3
— Poke-in wire connection (no special connector required)
— Available with luminous flux: 800 lm, 2,000 lm
— System efficacy: up to 94 lm/W
— Color temperature: 2,700 K, 3,000 K or 4,000 K
— Color rendering index R_a: typ. 83
— Maximum housing temperature: 80 °C at T_c point
— Initial color consistency: ≤ 3 SDCM
— Power factor: > 0.95

Product benefits
— Connect directly to 220…240 V AC mains voltage for class 1 luminaires
— No external driver required
— Easy efficiency upgrade from generation 1 modules due to unchanged form factor
— Enables very high degree of freedom in luminaire design
— Allows very compact luminaire designs

— Less complexity in logistics as no external driver or special cables are required
— Enhanced safety thanks to protective cover glass and reversible thermal shutdown
— Easy to integrate due to compatibility with Zhaga Book 3 heat sinks and reflectors
— Chip-on-board technology with great homogeneity, no diffuser required
— 5-year guarantee

Areas of application
— Spotlighting in shops
— Down- and wall lighting in offices, corridors, meeting rooms, workplaces
— Decorative and functional lighting in the hospitality industry
— Accent lighting

References/Links
For more information on the multi-level guarantee and the terms and conditions of the guarantee, visit www.osram.com/system-guarantee

PrevaLED® COIN

Light is reliable: Quickly connect to the LED age

There are a number of reasons why the PrevaLED® COIN 50 and PrevaLED® COIN 111 are very popular choices. Both products combine effortless and quick installation with easy operation with OSRAM drivers, long lifetime, high reliability and an amazing level of efficiency. Moreover, PrevaLED® COIN is highly flexible due to the easy replacement of the modules.

Both products have a broad range of application possibilities from attractive product presentation in shops and malls to beautiful illumination of exhibits in galleries or museums to spot lighting, e.g. in retail stores.

They are also simple solution replacements for MR16 and AR111 form factors with light, optics and heat sink. They offer:

— Best luminous efficacy in combination with OPTOTRONIC® constant-current ECG
— Easy and quick design-in for luminaire manufacturers
— High luminous flux packages
— Perfect replacement for existing lamps
— Excellent appearance
— Quick and comfortable initial installation

PrevaLED® COIN 50 COB G1
LED modules with integrated optics and heat sink
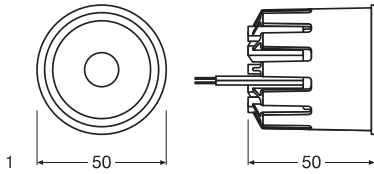
Product name	GTIN (EAN)	W	A	lm	lm/W	K
PL-CN50DC-COB 900-930-24D-G1 [1]	**4052899541191**	12.30	0.35	1020	82	3000
PL-CN50DC-COB 900-930-40D-G1 [1]	**4052899541757**	12.30	0.35	980	79	3000
PL-CN50DC-COB 900-940-24D-G1 [1]	**4052899541771**	12.30	0.35	1090	88	4000
PL-CN50DC-COB 900-940-40D-G1 [1]	**4052899541818**	12.30	0.35	1050	84	4000
PL-CN50DC-COB 1400-830-24D-G1 [1]	**4052899541870**	12.90	0.35	1430	111	3000
PL-CN50DC-COB 1400-830-40D-G1 [1]	**4052899541894**	12.90	0.35	1360	105	3000
PL-CN50DC-COB 1400-840-24D-G1 [1]	**4052899541917**	12.90	0.35	1510	117	4000
PL-CN50DC-COB 1400-840-40D-G1 [1]	**4052899541931**	12.90	0.35	1430	111	4000

Product name	Ra	Initial SDCM	∠°			No.
PL-CN50DC-COB 900-930-24D-G1 [1]	≥90	≤3	24	A+	20	1
PL-CN50DC-COB 900-930-40D-G1 [1]	≥90	≤3	40	A	20	1
PL-CN50DC-COB 900-940-24D-G1 [1]	≥90	≤3	24	A+	20	1
PL-CN50DC-COB 900-940-40D-G1 [1]	≥90	≤3	40	A+	20	1
PL-CN50DC-COB 1400-830-24D-G1 [1]	≥80	≤3	24	A+	20	1
PL-CN50DC-COB 1400-830-40D-G1 [1]	≥80	≤3	40	A+	20	1
PL-CN50DC-COB 1400-840-24D-G1 [1]	≥80	≤3	24	A+	20	1
PL-CN50DC-COB 1400-840-40D-G1 [1]	≥80	≤3	40	A+	20	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table). / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values

Product features[1]
— Consistent white light: ≤ 3 SDCM
— Color rendering index R_a: > 80 and > 90
— Luminous flux: 980…1,500 lm (model-dependent)
— Beam angle: 15° (on demand), 24°, 40°

Product benefits
— Compact design
— Compatible with conventional MR16 lamps
— High color temperature consistency throughout the whole module
— Complying with IES TM30
— Multi-shadow-free illumination thanks to single light source
— 5-year guarantee
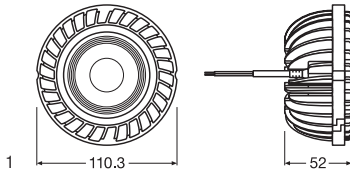
Areas of application
— Retail outlets
— Shop lighting
— Restaurants
— Hospitality
— Museums, galleries

References/Links
For more information on the multi-level guarantee and the terms and conditions of the guarantee, visit www.osram.com/system-guarantee

PrevaLED® COIN 111 COB G1
LED modules with integrated optics and heat sink

1 ⊢— 110.3 —⊣   ⊢ 52 ⊣

Product name	GTIN (EAN)	W	A	lm	lm/W	K
PL-CN111DC-COB 1800-930-24D-G1 [1]	**4052899541412**	18	0.5	1880	105	3000
PL-CN111DC-COB 1800-930-40D-G1 [1]	**4052899541436**	18	0.5	1800	100	3000
PL-CN111DC-COB 1800-940-24D-G1 [1]	**4052899541474**	18	0.5	1990	111	4000
PL-CN111DC-COB 1800-940-40D-G1 [1]	**4052899541498**	18	0.5	1910	106	4000
PL-CN111DC-COB 2800-830-24D-G1 [1]	**4052899541511**	25.9	0.7	2760	107	3000
PL-CN111DC-COB 2800-830-40D-G1 [1]	**4052899541535**	25.9	0.7	2650	102	3000
PL-CN111DC-COB 2800-840-24D-G1 [1]	**4052899541573**	25.9	0.7	2900	112	4000
PL-CN111DC-COB 2800-840-40D-G1 [1]	**4052899541597**	25.9	0.7	2780	107	4000
PL-CN111DC-COB 4300-830-24D-G1 [1]	**4052899541634**	37.6	1.05	4550	121	3000
PL-CN111DC-COB 4300-830-40D-G1 [1]	**4052899541658**	37.6	1.05	4340	115	3000
PL-CN111DC-COB 4300-830-60D-G1 [1]	**4052899541672**	37.6	1.05	4240	112	3000
PL-CN111DC-COB 4300-840-24D-G1 [1]	**4052899541696**	37.6	1.05	4780	127	4000
PL-CN111DC-COB 4300-840-40D-G1 [1]	**4052899541719**	37.6	1.05	4560	121	4000
PL-CN111DC-COB 4300-840-60D-G1 [1]	**4052899541733**	37.6	1.05	4450	118	4000

Product name	Ra	Initial SDCM	°∠	⬛	▱	💡 No.
PL-CN111DC-COB 1800-930-24D-G1 [1]	≥90	≤3	24	A+	12	1
PL-CN111DC-COB 1800-930-40D-G1 [1]	≥90	≤3	40	A+	12	1
PL-CN111DC-COB 1800-940-24D-G1 [1]	≥90	≤3	24	A+	12	1
PL-CN111DC-COB 1800-940-40D-G1 [1]	≥90	≤3	40	A+	12	1
PL-CN111DC-COB 2800-830-24D-G1 [1]	≥80	≤3	24	A+	12	1
PL-CN111DC-COB 2800-830-40D-G1 [1]	≥80	≤3	40	A+	12	1
PL-CN111DC-COB 2800-840-24D-G1 [1]	≥80	≤3	24	A+	12	1
PL-CN111DC-COB 2800-840-40D-G1 [1]	≥80	≤3	40	A+	12	1
PL-CN111DC-COB 4300-830-24D-G1 [1]	≥80	≤3	24	A++	12	1
PL-CN111DC-COB 4300-830-40D-G1 [1]	≥80	≤3	40	A++	12	1
PL-CN111DC-COB 4300-830-60D-G1 [1]	≥80	≤3	60	A+	12	1
PL-CN111DC-COB 4300-840-24D-G1 [1]	≥80	≤3	24	A++	12	1
PL-CN111DC-COB 4300-840-40D-G1 [1]	≥80	≤3	40	A++	12	1
PL-CN111DC-COB 4300-840-60D-G1 [1]	≥80	≤3	60	A++	12	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information,
see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for
the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical
values

Product features[1]
— Consistent white light: ≤ 3 SDCM
— Color rendering index R_a: > 80 and > 90
— Luminous flux: 1,800…4,800 lm (model-dependent)
— Beam angle: 15° (on demand), 24°, 40°, 60°

Product benefits
— Compact design
— Compatible with conventional AR111 lamps
— High color temperature consistency throughout the whole module
— Complying with IES TM30
— Multi-shadow-free illumination thanks to single light source
— 5-year guarantee

Areas of application
— Retail outlets
— Shop lighting
— Restaurants
— Hospitality
— Museums, galleries

References/Links
For more information on the multi-level guarantee and the terms and conditions of the guarantee, visit www.osram.com/system-guarantee

PrevaLED® COIN COB driver matching overview

OSRAM NAME	DALI – SELV				OT FIT LT2 – SELV & LP			OT FIT CS G2 – SELV (DIP switch)		
	OTi DALI 15/220…240/1 A4 LT2	OTi DALI 25/220…240/700 LT2	OTi DALI 35/220…240/1 A0 LT2	OTi DALI 50/220…240/1 A4 LT2 FAN	OT FIT 15/220…240/500 LT2 S / LP	OT FIT 25/220…240/700 LT2 S / LP	OT FIT 40/220…240/1 A0 LT2 S / LP	OT FIT 20/220…240/500 CS G2	OT FIT 30/220…240/700 CS G2	OT FIT 40/220…240/1 A0 CS G2
	Luminous flux depends on set current				Luminous flux depends on set current			Luminous flux depends on set current		
PL-CN50-COB-900-xxx	■	■			■	■		■		
PL-CN50-COB-1200-xxx	■	■			■			■		
PL-CN50-COB-1400-xxx	■	■			■	■		■		
PL-CN111-COB-1800-xxx		■	■			■			■	
PL-CN111-COB-2800-xxx			■	■		■	■		■	
PL-CN111-COB-4300-xxx				■			■			■

PrevaLED® COIN 50 G2
LED modules with integrated optics and heat sink
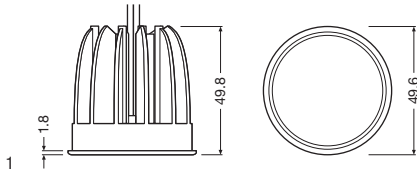
5 Year

OSRAM
Guarantee*

Product name	GTIN (EAN)	W	A	lm	lm/W	K	Ra
PL-CN50-900-927-24D-G2 [1]	4052899324145	10.70	0.35	830	78	2700	≥90
PL-CN50-900-930-24D-G2 [1]	4052899324169	10.70	0.35	830	78	3000	≥90
PL-CN50-900-940-24D-G2 [1]	4052899324183	10.70	0.35	900	84	4000	≥90
PL-CN50-900-927-40D-G2 [1]	4052899324206	10.70	0.35	830	78	2700	≥90
PL-CN50-900-930-40D-G2 [1]	4052899324220	10.70	0.35	830	78	3000	≥90
PL-CN50-900-940-40D-G2 [1]	4052899324275	10.70	0.35	900	84	4000	≥90
PL-CN50-1200-827-24D-G2 [1]	4052899324299	10.70	0.35	1010	94	2700	≥80
PL-CN50-1200-830-24D-G2 [1]	4052899324343	10.70	0.35	1100	103	3000	≥80
PL-CN50-1200-840-24D-G2 [1]	4052899324367	10.70	0.35	1200	112	4000	≥80
PL-CN50-1200-827-40D-G2 [1]	4052899324381	10.70	0.35	1010	94	2700	≥80
PL-CN50-1200-830-40D-G2 [1]	4052899324404	10.70	0.35	1010	103	3000	≥80
PL-CN50-1200-840-40D-G2 [1]	4052899324428	10.70	0.35	1200	112	4000	≥80
PL-CN50-1400-827-24D-G2 [1]	4052899324442	12.80	0.35	1230	96	2700	≥80
PL-CN50-1400-830-24D-G2 [1]	4052899324466	12.80	0.35	1340	105	3000	≥80
PL-CN50-1400-840-24D-G2 [1]	4052899324480	12.80	0.35	1460	114	4000	≥80
PL-CN50-1400-827-40D-G2 [1]	4052899324503	12.80	0.35	1230	96	2700	≥80
PL-CN50-1400-830-40D-G2 [1]	4052899324527	12.80	0.35	1340	105	3000	≥80
PL-CN50-1400-840-40D-G2 [1]	4052899324541	12.80	0.35	1460	114	4000	≥80

Product name	Initial SDCM	∧°	cd			No.
PL-CN50-900-927-24D-G2 [1]	≤4	24	3320	A	20	1
PL-CN50-900-930-24D-G2 [1]	≤4	24	3320	A	20	1
PL-CN50-900-940-24D-G2 [1]	≤4	24	3600	A	20	1
PL-CN50-900-927-40D-G2 [1]	≤4	40	1660	A	20	1
PL-CN50-900-930-40D-G2 [1]	≤4	40	1660	A	20	1
PL-CN50-900-940-40D-G2 [1]	≤4	40	1800	A+	20	1
PL-CN50-1200-827-24D-G2 [1]	≤4	24	4040	A+	20	1
PL-CN50-1200-830-24D-G2 [1]	≤4	24	4400	A+	20	1
PL-CN50-1200-840-24D-G2 [1]	≤4	24	4800	A+	20	1
PL-CN50-1200-827-40D-G2 [1]	≤4	40	2020	A+	20	1
PL-CN50-1200-830-40D-G2 [1]	≤4	40	2200	A+	20	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values

Product features[1]
— Fits into most existing traditional MR16 luminaires
— Available with 24° or 40° beam angle
— Versions with different luminous fluxes and different color temperatures available
— Cable length: 500 mm, suitable for 1.6 mm²/AWG 22 wires
— Color rendering index R_a: typ. 92 or typ. 83 (depending on version)
— Module efficacy: up to 112 lm/W
— High color consistency: 4 SDCM
— Temperature at T_p point (according to IEC 62717): 75 °C
— Maximum temperature at T_c: 95 °C (according to IEC 62717)
— Lifetime (L70/B50): 50,000 h (temperature at T_c = 75 °C)

Product benefits
— Best luminous efficacy in combination with OPTOTRONIC® constant current ECG
— Easy and quick design-in for luminaire manufacturers
— High luminous flux
— Easy installation thanks to wiring with only two cables
— 5-year guarantee

Areas of application
— Shops
— Display cabinet lighting
— Shelf lighting
— Elevators
— Hospitality, hotels, restaurants
— Corridors

References/Links
For more information on the multi-level guarantee and the terms and conditions of the guarantee, visit www.osram.com/system-guarantee

PrevaLED® COIN 111 G2
LED modules with integrated optics and heat sink
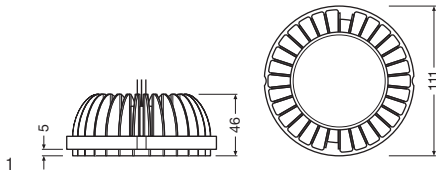
Product name	GTIN (EAN)	W	A	lm	lm/W	K	Ra
PL-CN111-1500-927-24D-G2 [1]	4052899323735	17.30	0.7	1430	83	2700	92
PL-CN111-1500-930-24D-G2 [1]	4052899323797	17.30	0.7	1430	83	3000	92
PL-CN111-1500-940-24D-G2 [1]	4052899323810	17.30	0.7	1560	90	4000	92
PL-CN111-1500-927-40D-G2 [1]	4052899323834	17.30	0.7	1430	83	2700	92
PL-CN111-1500-930-40D-G2 [1]	4052899323858	17.30	0.7	1430	83	3000	92
PL-CN111-1500-940-40D-G2 [1]	4052899323872	17.30	0.7	1560	90	4000	92
PL-CN111-2400-827-24D-G2 [1]	4052899323896	21.60	0.7	2100	97	2700	83
PL-CN111-2400-830-24D-G2 [1]	4052899323919	21.60	0.7	2300	106	3000	83
PL-CN111-2400-840-24D-G2 [1]	4052899323933	21.60	0.7	2500	116	4000	83
PL-CN111-2400-827-40D-G2 [1]	4052899323957	21.60	0.7	2100	97	2700	83
PL-CN111-2400-830-40D-G2 [1]	4052899323971	21.60	0.7	2300	106	3000	83
PL-CN111-2400-840-40D-G2 [1]	4052899323995	21.60	0.7	2500	116	4000	83
PL-CN111-3600-827-24D-G2 [1]	4052899324015	32.10	1.05	3180	99	2700	83
PL-CN111-3600-830-24D-G2 [1]	4052899324039	32.10	1.05	3470	108	3000	83
PL-CN111-3600-840-24D-G2 [1]	4052899324053	32.10	1.05	3780	118	4000	83
PL-CN111-3600-827-40D-G2 [1]	4052899324077	32.10	1.05	3180	99	2700	83
PL-CN111-3600-830-40D-G2 [1]	4052899324091	32.10	1.05	3470	108	3000	83
PL-CN111-3600-840-40D-G2 [1]	4052899324121	32.10	1.05	3780	118	4000	83

Product name	Initial SDCM	°	cd			No.
PL-CN111-1500-927-24D-G2 [1]	≤4	24	5000	A	12	1
PL-CN111-1500-930-24D-G2 [1]	≤4	24	5000	A	12	1
PL-CN111-1500-940-24D-G2 [1]	≤4	24	5460	A	12	1
PL-CN111-1500-927-40D-G2 [1]	≤4	40	2570	A	12	1
PL-CN111-1500-930-40D-G2 [1]	≤4	40	2570	A	12	1
PL-CN111-1500-940-40D-G2 [1]	≤4	40	2810	A	12	1
PL-CN111-2400-827-24D-G2 [1]	≤4	24	7560	A+	12	1
PL-CN111-2400-830-24D-G2 [1]	≤4	24	8050	A+	12	1
PL-CN111-2400-840-24D-G2 [1]	≤4	24	8750	A+	12	1
PL-CN111-2400-827-40D-G2 [1]	≤4	40	3780	A+	12	1
PL-CN111-2400-830-40D-G2 [1]	≤4	40	4140	A+	12	1
PL-CN111-2400-840-40D-G2 [1]	≤4	40	4500	A+	12	1
PL-CN111-3600-827-24D-G2 [1]	≤4	24	11130	A+	12	1
PL-CN111-3600-830-24D-G2 [1]	≤4	24	12150	A+	12	1
PL-CN111-3600-840-24D-G2 [1]	≤4	24	13230	A+	12	1
PL-CN111-3600-827-40D-G2 [1]	≤4	40	5720	A+	12	1
PL-CN111-3600-830-40D-G2 [1]	≤4	40	6250	A+	12	1
PL-CN111-3600-840-40D-G2 [1]	≤4	40	6800	A+	12	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information,
see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for
the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical
values

5 Year

OSRAM Guarantee*

Product features[1]

— Fits into most existing traditional R111 luminaires
— Available with 24° or 40° beam angle
— Versions with different luminous fluxes and different color temperatures available
— Cable length: 500 mm, suitable for 1.6 mm²/AWG 22 wires
— Color rendering index R_a: typ. 92 or typ. 83 (depending on version)
— Module efficacy: up to 115 lm/W
— High color consistency: 4 SDCM
— Maximum temperature at T_c: 85 °C (according to IEC 62717)
— Lifetime (L70/B50): 50,000 h (temperature at T_c = 75 °C)

Product benefits

— High luminous flux
— Easy installation thanks to wiring with only two cables
— Best luminous efficacy in combination with OPTOTRONIC® constant current ECG
— Easy and quick design-in for luminaire manufacturers
— 5-year guarantee

Areas of application

— Spot and track light luminaires
— Chain stores, retail shops
— Shopping centers
— Exhibition halls
— Museums

References/Links

For more information on the multi-level guarantee and the terms and conditions of the guarantee, visit www.osram.com/system-guarantee

PrevaLED® COIN 50 AC G1
LED modules with integrated optics and heat sink
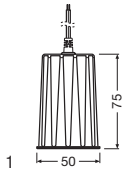
Product name	GTIN (EAN)	W	V	λ	lm	lm/W	K
PL-CN 50AC-650-830-24-G1 [1]	**4052899276727**	8.20	230	>0.90	650	79	3000
PL-CN 50AC-650-830-40-G1 [1]	**4052899276765**	8.20	230	>0.90	650	79	3000
PL-CN 50AC-650-840-24-G1 [1]	**4052899276741**	8.20	230	>0.90	720	88	4000
PL-CN 50AC-650-840-40-G1 [1]	**4052899276789**	8.20	230	>0.90	720	88	4000
PL-CN 50AC-800-830-24-G1 [1]	**4052899276604**	9.20	230	>0.90	800	87	3000
PL-CN 50AC-800-830-40-G1 [1]	**4052899276642**	9.20	230	>0.90	800	87	3000
PL-CN 50AC-800-830-60-G1 [1]	**4052899276680**	9.20	230	>0.90	800	87	3000
PL-CN 50AC-800-840-24-G1 [1]	**4052899276628**	9.20	230	>0.90	835	90	4000
PL-CN 50AC-800-840-40-G1 [1]	**4052899276666**	9.20	230	>0.90	835	90	4000
PL-CN 50AC-800-840-60-G1 [1]	**4052899276703**	9.20	230	>0.90	835	90	4000

Product name	Ra	Initial SDCM	°/△	cd	(energy)	(box)	No.
PL-CN 50AC-650-830-24-G1 [1]	≥80	≤4	24	2535	A+	12	1
PL-CN 50AC-650-830-40-G1 [1]	≥80	≤4	40	1300	A+	12	1
PL-CN 50AC-650-840-24-G1 [1]	≥80	≤4	24	2810	A+	12	1
PL-CN 50AC-650-840-40-G1 [1]	≥80	≤4	40	1440	A+	12	1
PL-CN 50AC-800-830-24-G1 [1]	≥80	≤4	24	3120	A+	12	1
PL-CN 50AC-800-830-40-G1 [1]	≥80	≤4	40	1600	A+	12	1
PL-CN 50AC-800-830-60-G1 [1]	≥80	≤4	60	720	A+	12	1
PL-CN 50AC-800-840-24-G1 [1]	≥80	≤4	24	3255	A+	12	1
PL-CN 50AC-800-840-40-G1 [1]	≥80	≤4	40	1670	A+	12	1
PL-CN 50AC-800-840-60-G1 [1]	≥80	≤4	60	750	A+	12	1

1) For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module.
In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values

Product features[1]
— Integrated driver, heat sink and lens optics
— Fits into most existing traditional MR16 luminaires
— Available with 24°, 40° or 60° beam angle
— Versions with different luminous fluxes and different color temperatures available
— Dimmable (with suitable phase-cut dimmers)
— IP44-protected module
— Lifetime (L70/B50): 35,000 h (temperature at T_c = 73 °C)

Product benefits
— Easy and quick design-in for luminaire manufacturers
— Turn-key solution for projects
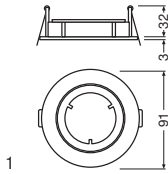— 5-year guarantee

Areas of application
— Shop lighting
— Shopping centers
— Exhibition halls
— Museums

References/Links
For more information on the multi-level guarantee and the terms and conditions of the guarantee, visit www.osram.com/system-guarantee

PrevaLED® COIN 111 AC G1
LED modules with integrated optics and heat sink
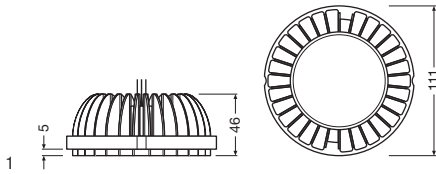
5 Year

OSRAM Guarantee*

Product name	GTIN (EAN)	W	V	λ	lm	lm/W	K
PL-CN 111AC-1200-830 24 G1 [1]	4052899165533	15.50	230	≥0.90	1250	81	3000
PL-CN 111AC-1200-830 40 G1 [1]	4052899165618	15.50	230	≥0.90	1250	81	3000
PL-CN 111AC-1200-840 24 G1 [1]	4052899165557	15.50	230	≥0.90	1350	87	4000
PL-CN 111AC-1200-840 40 G1 [1]	4052899165632	15.50	230	≥0.90	1350	87	4000
PL-CN 111AC-1800-830 24 G1 [1]	4052899165571	22.50	230	≥0.90	1850	82	3000
PL-CN 111AC-1800-830 40 G1 [1]	4052899165656	22.50	230	≥0.90	1850	82	3000
PL-CN 111AC-1800-840 24 G1 [1]	4052899165595	22.50	230	≥0.90	1950	87	4000
PL-CN 111AC-1800-840 40 G1 [1]	4052899165670	22.50	230	≥0.90	1950	87	4000

Product name	Ra	Initial SDCM	∠°	cd			No.
PL-CN 111AC-1200-830 24 G1 [1]	83	≤4	24	4350	A	12	1
PL-CN 111AC-1200-830 40 G1 [1]	83	≤4	40	2250	A	12	1
PL-CN 111AC-1200-840 24 G1 [1]	83	≤4	24	4700	A	12	1
PL-CN 111AC-1200-840 40 G1 [1]	83	≤4	40	2400	A	12	1
PL-CN 111AC-1800-830 24 G1 [1]	83	≤4	24	6450	A	12	1
PL-CN 111AC-1800-830 40 G1 [1]	83	≤4	40	3300	A	12	1
PL-CN 111AC-1800-840 24 G1 [1]	83	≤4	24	6800	A	12	1
PL-CN 111AC-1800-840 40 G1 [1]	83	≤4	40	3500	A	12	1

1) For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module.
In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values

Product features[1]
— Integrated driver, heat sink and lens optics
— Fits into most existing traditional R111 luminaires
— Available with 24° or 40° beam angle
— Versions with different luminous fluxes and different color temperatures available
— Lifetime (L70/B50): 35,000 h (temperature at T_c = 68 °C)

Product benefits
— Easy and quick design-in for luminaire manufacturers
— Turn-key solution for projects
— 5-year guarantee

Areas of application
— LED replacement for high-intensity discharge lamps up to 35 W
— Shop lighting
— Shopping centers
— Exhibition halls
— Museums

References/Links
For more information on the multi-level guarantee and the terms and conditions of the guarantee, visit www.osram.com/system-guarantee

KIT PrevaLED® COIN 50 AC

Light engines and modules for spotlights, downlights and wall-mounted luminaires

Product name	GTIN (EAN)	W	A	V	λ	lm	lm/W	K	Ra
KIT-PL-CN-AC 50-800-830-40D-G1 [1]	4052899365315	9.2	0.043	230	>0.90	800	87	3000	≥ 80
KIT-PL-CN-AC 50-800-840-40D-G1 [1]	4052899365339	9.2	0.043	230	>0.90	835	90	4000	≥ 80

Product name	°∠	d [mm] ⌀	h [mm]	Tc	Ta	t [h]	⌣	⊞	No.
KIT-PL-CN-AC 50-800-830-40D-G1 [1]	40	50	75.3	90	-20…+40	35000 [2]	Yes	10	1
KIT-PL-CN-AC 50-800-840-40D-G1 [1]	40	50	75.3	90	-20…+40	35000 [2]	Yes	10	1

1) For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module.
In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values
2) L70/B50 at T_c = 73 °C

Product features[1]

— Professional LED solution ready to install
— Versions with high color rendering and high luminous flux available
— Dimmable (with many common dimmers)

Product benefits

— Supplied with heat sink, lens optics and ECG
— Easy to install
— 5-year guarantee

Areas of application

— Complete solution for demanding general illumination and spotlight applications
— LED replacement for halogen reflector lamps
— Hospitality, hotels, restaurants
— Shop lighting
— Museums, galleries

References/Links

For more information on the multi-level guarantee and the terms and conditions of the guarantee, visit www.osram.com/system-guarantee

KIT PrevaLED® COIN 111

Light engines and modules for spotlights, downlights and wall-mounted luminaires

1
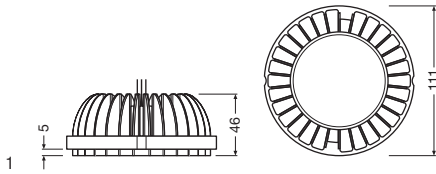
Product name	GTIN (EAN)	W	A	V	λ	lm	lm/W	K	Ra
KIT-PL-CN 111-2400-830-40D-G2 [1]	4052899365131	21.60	0.7	230	> 0.90	2300	106	3000	>80
KIT-PL-CN 111-3600-830-40D-G2 [1]	4052899365155	32.1	1.05	230	> 0.90	3470	108	3000	>80
KIT-PL-CN 111-3600-840-40D-G2 [1]	4052899365193	32.1	1.05	230	> 0.90	3780	118	4000	>80
KIT-PL-CN 111-3600-840-24D-G2 [1]	4052899365179	32.1	1.05	230	> 0.90	3780	118	4000	>80

Product name	∠°	d [mm]	h [mm]	T_c	T_a	t [h]	◯	▱	No.
KIT-PL-CN 111-2400-830-40D-G2 [1]	40	111	46	85	-25…+40	50000 [2]	No	10	1
KIT-PL-CN 111-3600-830-40D-G2 [1]	40	111	46	85	-25…+40	50000 [2]	No	10	1
KIT-PL-CN 111-3600-840-40D-G2 [1]	40	111	46	85	-25…+40	50000 [2]	No	10	1
KIT-PL-CN 111-3600-840-24D-G2 [1]	24	111	46	85	-25…+40	50000 [2]	No	10	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information,
see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for
the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical
values
2) L70/B50 at T_c = 75 °C

Product features [1]

— Professional LED solution ready to install
— Versions with high color rendering and high luminous
  flux available
— Cardanic, matt white installation ring

Product benefits

— Supplied with heat sink, lens optics and ECG
— Easy to install
— 5-year guarantee

Areas of application

— Complete solution for demanding general illumination
  and spotlight applications
— LED replacement for halogen and HCI® reflector
  lamps
— Hospitality, hotels, restaurants
— Shop lighting
— Museums, galleries

References/Links

For more information on the multi-level guarantee and
the terms and conditions of the guarantee, visit
www.osram.com/system-guarantee

DRAGONeye®
LED spot modules with integrated optics
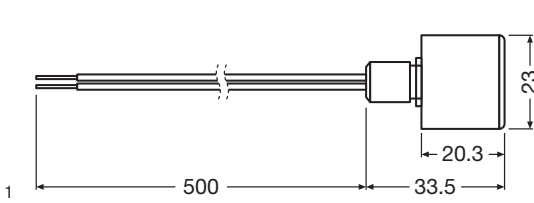
Product name	GTIN (EAN)	W	A	lm	lm/W	K
DE1-W4F-830-G3 [1]	**4052899474741**	1	0.35	100	100	3000
DE1-W4F-850-G3 [1]	**4052899474772**	1	0.35	108	108	5000

Product name	Ra	°∡	cd	A++		No.
DE1-W4F-830-G3 [1]	80	15	1080	A++	264	1
DE1-W4F-850-G3 [1]	80	15	1300	A++	264	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values

Product features[1]
— Type of protection IP65 according to DIN EN 60529
— The modules can only be connected in series
— Two-core connecting cable (500 mm)
— Dimmable

Product benefits
— Metal package for optimum heat removal
— Integrated M10x1.5 thread for simple installation
— No additional heat sink required
— Narrow beam angle for use as a spot source
— Perfect centering thanks to flange on the floor of the casing (diameter 12 mm)
— Low maintenance costs thanks to a lifetime of up to 70,000 h
— 5-year guarantee

Areas of application
— For accent, orientation or route lighting
— Shelf and furniture lighting
— Suitable for outdoor use

References/Links
For more information on the multi-level guarantee and the terms and conditions of the guarantee, visit www.osram.com/system-guarantee

PrevaLED® Flat AC G2

© Stefan Müller, Berlin

Simple and flat design for intelligent luminaires

Our PrevaLED® Flat AC G2 system provides an all-in-one solution to create flat and highly diffuse wall-mounted and ceiling-mounted luminaires. The popular project uses are in functional or decorative areas in hospitality or office applications.

PrevaLED® Flat AC G2 light engines provide several specific benefits:

— Only a small design-in effort is needed (integrated system solutions).
— Energy savings and an attractive application design can be achieved by using sensor technology.
— They provide high performance in terms of efficiency and quality of light.
— A touch protect accessory allows for safe operation in luminaires that can be opened by the end user.

The PrevaLED® Flat AC G2 series is available in 5 different versions:

— PC version PL-FLAT-AC-PC: Includes driver on board, phase cut dimmable
— Emergency version PL-FLAT-AC-EM: Emergency lighting for single battery systems and also for central battery system
— Master version PL-FLAT-AC-MA: Includes HF sensor and ambient light sensor as well as MA/SL control
— Slave version PL-FLAT-AC-SL: To be connected to the Master version for corridors up to 35 m in length
— DALI version PL-FLAT-AC-DA: Fully dimmable and DALI-compatible

PrevaLED® Flat AC PC
Light engines and modules for spotlights, downlights and wall-mounted luminaires
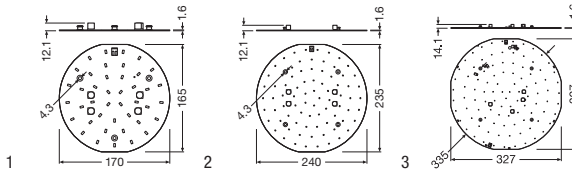
5 Year

OSRAM
Guarantee*

Product name	GTIN (EAN)	W	V	λ	lm	lm/W	K	Ra
PL-FLAT-AC-PC-G2 1500-830[1]	4052899969629	12.90	230	>0.98	1500	116	3000	>80
PL-FLAT-AC-PC-G2 1500-840[1]	4052899969612	12.90	230	>0.98	1500	116	4000	>80
PL-FLAT-AC-PC-G2 2500-830[1]	4052899969636	20.90	230	>0.98	2500	116	3000	>80
PL-FLAT-AC-PC-G2 2500-840[1]	4052899969643	20.90	230	>0.98	2500	116	4000	>80
PL-FLAT-AC-PC-G2 3300-830[1]	4052899511965	27	230	>0.98	3300	122	3000	>80
PL-FLAT-AC-PC-G2 3300-840[1]	4052899511989	27	230	>0.98	3300	122	4000	>80

Product name	Initial SDCM	∠°	Tc	t [h]			No.
PL-FLAT-AC-PC-G2 1500-830[1]	≤3	110	90	50000	A+	20	1
PL-FLAT-AC-PC-G2 1500-840[1]	≤3	110	90	50000	A+	20	1
PL-FLAT-AC-PC-G2 2500-830[1]	≤3	140	90	50000	A+	20	2
PL-FLAT-AC-PC-G2 2500-840[1]	≤3	140	90	50000	A+	20	2
PL-FLAT-AC-PC-G2 3300-830[1]	≤3	140	90	50000	A+	20	3
PL-FLAT-AC-PC-G2 3300-840[1]	≤3	140	90	50000	A+	20	3

1) For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module.
In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values

Product features[1]
— Dimmable (with suitable phase-cut dimmers)
— Designed for wall and ceiling luminaires with diffuse light distribution
— Low-cost LED replacement of CFL wall and ceiling luminaires
— Driver integrated on LED board
— Available diameter: 170 mm, 240 mm
— Available with color temperature: 3,000 K or 4,000 K
— Available with luminous flux: 1,500 lm, 2,500 lm, 3,300 lm

Product benefits
— Touch protection accessory for simple use in luminaires
— High reliability
— Easy to use
— Optimized design for simple thermal management
— Enables thin and efficient luminaire designs
— High quality of light thanks to low modulation
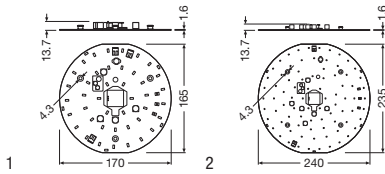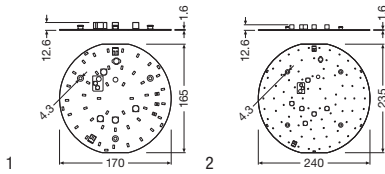— 5-year guarantee

Areas of application
— Corridors
— Stairways
— Landings
— Hallways

References/Links
For more information on the multi-level guarantee and the terms and conditions of the guarantee, visit www.osram.com/system-guarantee

PrevaLED® Flat AC EM
Light engines and modules for spotlights, downlights and wall-mounted luminaires
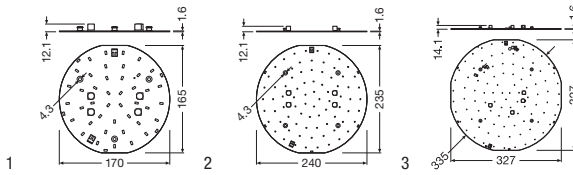
Product name	GTIN (EAN)	W	V	λ	lm	lm/W	K	Ra
PL-FLAT-AC-EM-G2 1500-830 [1]	4052899969650	12.90	230	>0.98	1500	116	3000	>80
PL-FLAT-AC-EM-G2 1500-840 [1]	4052899969667	12.90	230	>0.98	1500	116	4000	>80
PL-FLAT-AC-EM-G2 2500-830 [1]	4052899969674	20.90	230	>0.98	2500	116	3000	>80
PL-FLAT-AC-EM-G2 2500-840 [1]	4052899969681	20.90	230	>0.98	2500	116	4000	>80
PL-FLAT-AC-EM 3300-830 [1]	4052899512009	27	230	>0.98	3300	122	3000	>80
PL-FLAT-AC-EM 3300-840 [1]	4052899512023	27	230	>0.98	3300	122	4000	>80

Product name	Initial SDCM	△°	T_c	t [h]			No.
PL-FLAT-AC-EM-G2 1500-830 [1]	≤3	110	90	50000	A+	20	1
PL-FLAT-AC-EM-G2 1500-840 [1]	≤3	110	90	50000	A+	20	1
PL-FLAT-AC-EM-G2 2500-830 [1]	≤3	140	90	50000	A+	20	2
PL-FLAT-AC-EM-G2 2500-840 [1]	≤3	140	90	50000	A+	20	2
PL-FLAT-AC-EM 3300-830 [1]	≤3	140	90	50000	A+	20	3
PL-FLAT-AC-EM 3300-840 [1]	≤3	140	90	50000	A+	20	3

1) For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module.
In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values

5 Year OSRAM Guarantee*

Product features [1]
— Designed for wall and ceiling luminaires with diffuse light distribution
— Low-cost LED replacement of CFL wall and ceiling luminaires
— Driver integrated on LED board
— Available diameter: 170 mm, 240 mm
— Available with color temperature: 3,000 K or 4,000 K
— Available with luminous flux: 1,500 lm, 2,500 lm, 3,300 lm

Product benefits
— Touch protection accessory for simple use in luminaires
— High reliability
— Easy to use
— Optimized design for simple thermal management
— Enables thin and efficient luminaire designs
— High quality of light thanks to low modulation
— 5-year guarantee

Areas of application
— Corridors
— Stairways
— Landings
— Hallways
— Emergency lighting for single battery systems
— Luminaires for emergency lighting with central battery according to IEC 60598-2-22

References/Links
For more information on the multi-level guarantee and the terms and conditions of the guarantee, visit www.osram.com/system-guarantee

PrevaLED® Flat AC MA

Light engines and modules for spotlights, downlights and wall-mounted luminaires

Product name	GTIN (EAN)	W	V	λ	lm	lm/W	K	Ra
PL-FLAT-AC MA-G2 1500-830 [1]	4052899969773	13.90	230	>0.98	1500	108	3000	>80
PL-FLAT-AC MA-G2 1500-840 [1]	4052899969780	13.60	230	>0.98	1500	110	4000	>80
PL-FLAT-AC MA-G2 2500-830 [1]	4052899969797	21.40	230	>0.98	2500	117	3000	>80
PL-FLAT-AC MA-G2 2500-840 [1]	4052899969803	21.40	230	>0.98	2500	117	4000	>80

Product name	Initial SDCM	∠°	Tc	t [h]	A+		No.
PL-FLAT-AC MA-G2 1500-830 [1]	≤3	110	90	50000	A+	20	1
PL-FLAT-AC MA-G2 1500-840 [1]	≤3	110	90	50000	A+	20	1
PL-FLAT-AC MA-G2 2500-830 [1]	≤3	140	90	50000	A+	20	2
PL-FLAT-AC MA-G2 2500-840 [1]	≤3	140	90	50000	A+	20	2

1) For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module.
In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values

Product features[1]

— Master with integrated RF sensor (motion, dimming, auto off at daylight)
— Master/Slave system with up to 11 luminaires and up to 5 Masters
— Designed for wall and ceiling luminaires with diffuse light distribution
— Low-cost LED replacement of CFL wall and ceiling luminaires
— Driver integrated on LED board
— Available diameter: 170 mm, 240 mm
— Available with color temperature: 3,000 K or 4,000 K
— Available with luminous flux: 1,500 lm, 2,500 lm

Product benefits

— Touch protection accessory for simple use in luminaires
— High reliability
— Easy to use
— Optimized design for simple thermal management
— Enables thin and efficient luminaire designs
— High quality of light thanks to low modulation
— 5-year guarantee

Areas of application

— Corridors
— Stairways
— Landings
— Hallways

References/Links

For more information on the multi-level guarantee and the terms and conditions of the guarantee, visit www.osram.com/system-guarantee

PrevaLED® Flat AC SL
Light engines and modules for spotlights, downlights and wall-mounted luminaires

5 Year

OSRAM
Guarantee*

Product name	GTIN (EAN)	W	V	λ	lm	lm/W	K	Ra
PL-FLAT-AC SL-G2 1500-830 [1]	**4052899969810**	13.30	230	>0.98	1500	113	3000	>80
PL-FLAT-AC SL-G2 1500-840 [1]	**4052899969827**	13	230	>0.98	1500	115	4000	>80
PL-FLAT-AC SL-G2 2500-840 [1]	**4052899969841**	20.30	230	>0.98	2500	123	4000	>80
PL-FLAT-AC SL-G2 2500-830 [1]	**4052899969834**	20.30	230	>0.98	2500	123	3000	>80

Product name	Initial SDCM	∠°	Tc	t [h]			No.
PL-FLAT-AC SL-G2 1500-830 [1]	≤3	110	90	50000	A+	20	1
PL-FLAT-AC SL-G2 1500-840 [1]	≤3	110	90	50000	A+	20	1
PL-FLAT-AC SL-G2 2500-840 [1]	≤3	140	90	50000	A+	20	2
PL-FLAT-AC SL-G2 2500-830 [1]	≤3	140	90	50000	A+	20	2

1) For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module.
In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values

Product features[1]
— Slave controlled by Master for dimming to 10 % and auto off at daylight
— Separate LED circuit for operation on local emergency lighting driver
— Designed for wall and ceiling luminaires with diffuse light distribution
— Low-cost LED replacement of CFL wall and ceiling luminaires
— Driver integrated on LED board
— Available diameter: 170 mm, 240 mm
— Available with color temperature: 3,000 K or 4,000 K
— Available with luminous flux: 1,500 lm, 2,500 lm

Product benefits
— Touch protection accessory for simple use in luminaires
— High reliability
— Easy to use
— Optimized design for simple thermal management
— Enables thin and efficient luminaire designs
— High quality of light thanks to low modulation
— 5-year guarantee

Areas of application
— Corridors
— Stairways
— Landings
— Hallways

References/Links
For more information on the multi-level guarantee and the terms and conditions of the guarantee, visit www.osram.com/system-guarantee

PrevaLED® Flat AC DA

Light engines and modules for spotlights, downlights and wall-mounted luminaires

1

2
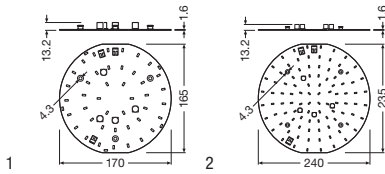
5 Year

OSRAM
Guarantee*

Product name	GTIN (EAN)	W	V	λ	lm	lm/W	K	Ra
PL-FLAT-AC DA-G2 1500-830 [1]	**4052899969698**	13.70	230	>0.98	1500	113	3000	>80
PL-FLAT-AC DA-G2 1500-840 [1]	**4052899969704**	13.40	230	>0.98	1500	115	4000	>80
PL-FLAT-AC DA-G2 2500-830 [1]	**4052899969711**	20.30	230	>0.98	2500	123	3000	>80
PL-FLAT-AC DA-G2 2500-840 [1]	**4052899969728**	20.30	230	>0.98	2500	123	4000	>80

Product name	Initial SDCM	∠°	T_c	t [h]			No.
PL-FLAT-AC DA-G2 1500-830 [1]	≤3	110	100	50000	A+	20	1
PL-FLAT-AC DA-G2 1500-840 [1]	≤3	110	100	50000	A+	20	1
PL-FLAT-AC DA-G2 2500-830 [1]	≤3	140	100	50000	A+	20	2
PL-FLAT-AC DA-G2 2500-840 [1]	≤3	140	100	50000	A+	20	2

1) For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module.
In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values

Product features[1]

— Dimming range (DALI): 1…100 %
— Dimensions of DALI version identical to on/off version
— Designed for wall and ceiling luminaires with diffuse light distribution
— Low-cost LED replacement of CFL wall and ceiling luminaires
— Driver integrated on LED board
— Available diameter: 170 mm, 240 mm
— Available with color temperature: 3,000 K or 4,000 K
— Available with luminous flux: 1,500 lm, 2,500 lm
— Lifetime (L70/B50): 50,000 h (temperature at T_c = 80 °C)

Product benefits

— Touch protection accessory for simple use in luminaires
— High reliability
— Easy to use
— Optimized design for simple thermal management
— Enables thin and efficient luminaire designs
— High quality of light thanks to low modulation
— 5-year guarantee

Areas of application

— Corridors
— Stairways
— Landings
— Hallways
— Emergency lighting for single battery systems
— Luminaires for emergency lighting with central battery according to IEC 60598-2-22

References/Links

For more information on the multi-level guarantee and the terms and conditions of the guarantee, visit www.osram.com/system-guarantee

PrevaLED® Flat AC 4000
Light engines and modules for spotlights, downlights and wall-mounted luminaires

1
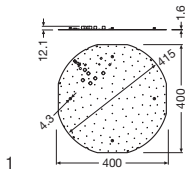
5 Year

OSRAM Guarantee*

Product name	GTIN (EAN)	W	V	λ	lm	lm/W	K	Ra
PL-FLAT-AC-G2 4000-830 [1]	4052899389014	30.40	230	>0.98	4000	132	3000	>80
PL-FLAT-AC-G2 4000-840 [1]	4052899389038	30.40	230	>0.98	4000	132	4000	>80

Product name	Initial SDCM	°	Tc	t [h]			No.
PL-FLAT-AC-G2 4000-830 [1]	≤3	140	90	50000 [2]	A+	20	1
PL-FLAT-AC-G2 4000-840 [1]	≤3	140	90	50000 [2]	A+	20	1

1) For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module.
In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values
2) L70/B50 at T_c = 75 °C

Product features [1]
— Designed for wall and ceiling luminaires with diffuse light distribution
— Low-cost LED replacement of CFL wall and ceiling luminaires
— Driver integrated on LED board
— Available diameter: 170 mm, 240 mm
— Available with color temperature: 3,000 K or 4,000 K
— Lifetime (L70/B50): 50,000 h (temperature at T_c = 75 °C)

Product benefits
— Touch protection accessory for simple use in luminaires
— High reliability
— Easy to use
— Optimized design for simple thermal management
— Enables thin and efficient luminaire designs
— High quality of light thanks to low modulation
— 5-year guarantee

Areas of application
— Corridors
— Stairways
— Landings
— Hallways

References/Links
For more information on the multi-level guarantee and the terms and conditions of the guarantee, visit www.osram.com/system-guarantee

PrevaLED® Flat AC
Accessories
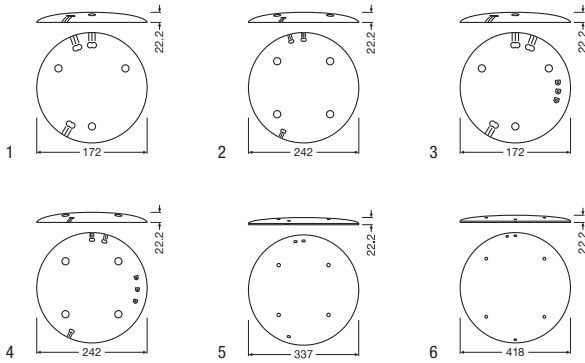
Product name	GTIN (EAN)	↕ h [mm]	⌀ d [mm]	📦	💡 No.
PL-FLTP 170 G2	**4052899969872**	22.2	172	20	1
PL-FLTP 240 G2	**4052899969889**	22.2	242	20	2
PL-FLTP 170 MA G2	**4052899969858**	22.2	172	20	3
PL-FLTP 240 MA G2	**4052899969865**	22.2	242	20	4
PL-FLTP 335 G2	**4052899530102**	22.2	337	20	5
PL-FLTP 415 G2	**4052899968479**	22.2	418	20	6

Areas of application
— Touch protection accessory for PrevaLED® Flat AC for
  all versions available

Installation hints and tips

How to use the PrevaLED® Flat AC G2 Master/Slave system

I) Introduction
Take advantage of our "all-in-one device" PrevaLED® Flat AC with integrated driver on board for your extremely flat designs in large and standard-diameter luminaires with diffusers. The module creates a very homogeneous light. The optional functions cater to all requirements for corridors and circulation areas, including emergency lighting and additional energy saving thanks to motion sensing.
Our current and recently expanded PrevaLED® Flat AC portfolio comprises four diameters/lumen packages:

170 mm	240 mm	335 mm	415 mm
1500 lm	2500 lm	3300 lm	4000 lm

Master/Slave   (planned)
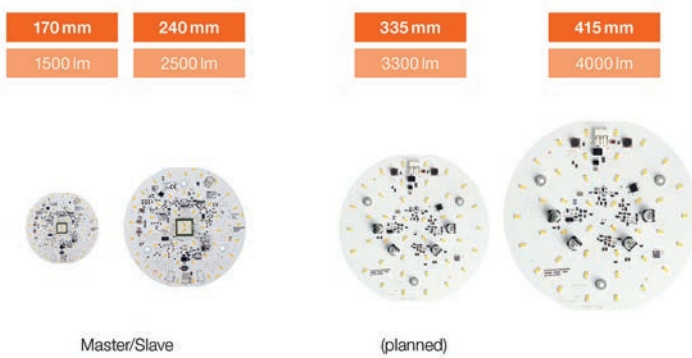
Please note: Master/Slave devices are currently only available in 170 mm and 240 mm diameter.

II) Typical application topics with focus on PrevaLED® Flat AC G2 Master/Slave system
Our PrevaLED® Flat AC G2 Master/Slave system saves our customers money because one Master device (incl. HF motion detection sensor) can be combined with up to 10 Slave devices, which are much less expensive. Thus, a cost-efficient total set-up of 11 luminaires per system (and up to 5 Masters) is possible. One Master/Slave system can cover a maximum corridor length of approximately 35 meters. Tips for proper implementation when using more than one Master device:

1) Wiring: Master-Slave (MA/SL) – Multi-Master systems
The wiring of a PrevaLED® Flat AC G2 Master/Slave system is simple: One Master is connected directly to the mains (→ Master-in terminal), which makes this Master the main Master of the system. All other devices, such as Slaves or further Masters, must be connected to the Master-out connector of the main Master (see following picture on the following page).
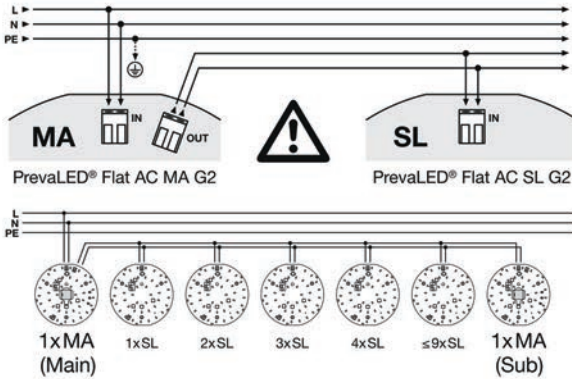
Further Masters operate as sub-Masters when connected to the output of the main Master. Please never connect the Master-out connector to the mains voltage as this destroys the device.

The available OSRAM YouTube™ video below shows the correct Multi-Master wiring as well as the operating mode of a PrevaLED® Flat AC G2 Master/Slave system: www.osram.com/prevaledflatms

2) MA/SL multi-system set-up
For corridor applications longer than 35 meters, a set-up of multiple MA/SL systems may be appropriate. These stand-alone systems are triggered separately and work independently to save as much energy as possible as well as costs.
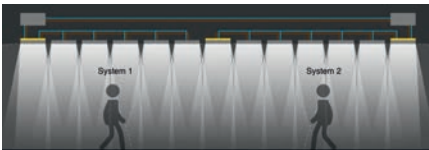
3) Functionality overview:
main Master vs. sub-Master
Identification of Master and sub-Master/s in existing installations:
The main Master can be identified by the fact that the entire system dims down when any button on the Master (see point 4: "A", "H" or "L") is pressed (= commissioning mode). A sub-Master can be identified by the fact that only the light engine dims down when any of its buttons is pressed.

Operation of a PrevaLED® Flat AC G2 Master/Slave system comprising two or more Masters:
All PrevaLED® Flat AC G2 Masters of a system have the same functionality as, for example, PrevaLED® Flat AC G2 HF and also support the Master functionality.

The setting of the following parameters, however, is not possible on any sub-Master and the corresponding menu levels cannot be addressed:

— **Hold time**
The hold time of the system can only be adjusted on the main Master. When pressing the "hold time" button on a sub-Master, its display continuously shows "0".

— **Corridor function**
The corridor function can only be activated on the main Master. When trying to activate the corridor function on a sub-Master, the corresponding menu level is disabled.

— **Luminaire mode**
A sub-Master cannot be set in luminaire mode. The corresponding menu level is disabled.

— **Teach-in mode for ambient light threshold**
The teach-in function cannot be activated on a sub-Master. The relevant menu level "6" is not accessible in this case.

— **Deactivation of motion detection**
If motion detection is deactivated on the main Master, all light engines operate as on/off modules. If motion detection is deactivated on a sub-Master, this operates as a Slave (motion detection deactivated).

In the "off" state, all Masters continuously measure their ambient light level, and the sub-Masters send the appropriate information to the main Master. When the corridor function is activated, the light engine never switches off, and light measurement is automatically and permanently deactivated.

The main Master and all sub-Masters continuously monitor whether a motion occurs inside their detection area. Whenever a low light level is measured on one of the Masters and motion is detected anywhere in the system, the light is switched on. Low light level measurement and motion detection must not necessarily be in the same position. If the ambient light measurement is deactivated on one or more Master light engines, all ambient light levels are ignored and the system turns the lights on as soon as motion is detected in the system.

Please do a quick functionality check of the main Master, Slaves and sub-Master by referring to the picture below:
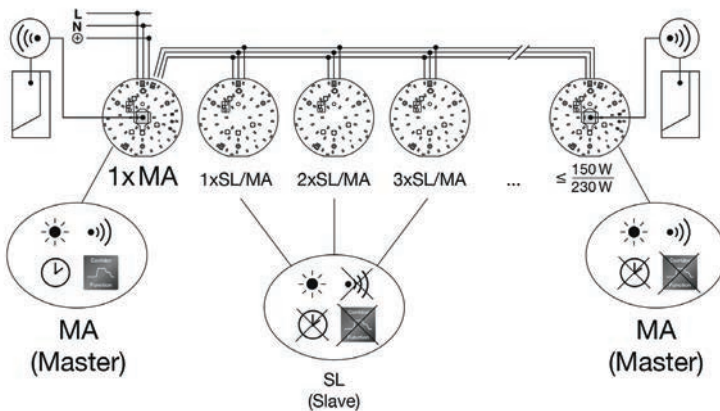
4) User interface and commissioning functions

The picture on the right shows the positions of the buttons for commissioning.
(If you press any button to switch to commissioning mode, the luminaire dims immediately down to 5 % to avoid glare.)

A •)))   H ⏱   L ☀
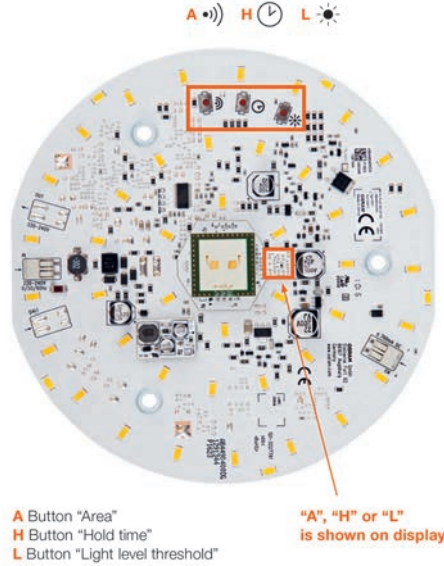
An installed PrevaLED® Flat AC G2 Master/Slave system works with the standard factory settings. For more information on user-specific settings of the interface for the PrevaLED® Flat AC G2 MA version, please refer to the cockpit chart below, which shows the various commissioning functions as well as the factory settings:

A Button "Area"
H Button "Hold time"
L Button "Light level threshold"

"A", "H" or "L" is shown on display

OSRAM •))) A Button "Area"			⏱ H Button "Hold time"			☀ L Button "Light level threshold"	
MAIN MENU (push 1 s)	**DETECTION AREA**		**HOLD TIME**			**DAYLIGHT THRESHOLD**	
Parameter/Display	**A**		**H**			**L**	
Level	0	off	0	1 s		0	off	x
	1	10 %	1	10 s	x	1	~5 lux
	2	25 %	2	30 s		2	~50 lux
	3	50 %	3	60 s		3	~100 lux
	4	75 %	4	3 min		4	~300 lux
	5	90 %	x	5	5 min		5	~500 lux
	6	100 %	6	10 min		6	teached value
			7	15 min			
	(100 % = approx. 3.5 meters conical detection range; for ceiling applications: Up to 10 meters height)					(level 6 only available after first teaching via "teach mode")	
SUB-MENU (push > 3 s)	**LUMINAIRE MODE**		**CORRIDOR FUNCTION**			**TEACH MODE**	
Parameter/Display	**E**		**C**			**P**	
Level	0	Luminaire mode enabled	0	100 % (hold time) → 10 % (10 s) → 0 %	x	0	off	x
	1	Luminaire mode disabled	x	1	100 % (hold time) → 10 %		1	Light will remain "on" for 1 minute (display shows a blinking "P"). Light will turn "off" for 1 s. Daylight value will be measured now and saved as new threshold. Light will return to 100 %.
			2	100 % (hold time) → 10 % (Xs = "H") → 0 %			
F FACTORY RESET By pressing the button A "Area" and H "Hold time" simultaneously for 3 seconds → the display shows "F"							

III) Did you know?
Additional tips & tricks
The best diffuser distance depends on the material characteristics of the diffuser and can differ from use case to use case. Different or unknown materials can influence the behavior of the HF sensor (e.g. reflecting rays can disturb the sensor). Before you use your own cover, we recommend that you carry out tests to ensure the correct functioning of the HF sensor.

General HF sensor calibration function: Once turned on, the antenna signal evaluation function measures the disturbance spectrum of the environment. This can take up to two minutes.

During this calibration process, the module can "flash" again if it detects a movement that is "not present". If the permanent disturbance spectrum of the luminaire environment changes, the changed environmental conditions are triggered again during the calibration process. (That is why the PrevaLED® Flat AC G2 device may be "flashing", and this calibration mode takes up to two minutes.) This is a built-in advantage to ensure a long-term unrestricted, optimal functioning of the sensor.

If, for example, a ceiling fan is also installed and moves around during this two-minute calibration process, this device will be detected not as a movement but as "permanent disturbance" or general environment.

To ensure a certain standard of quality, the HF sensor is subjected to a 100 % functionality test in every device. Every PrevaLED® Flat AC G2 device with HF sensors is tested after production.

IV) Bonus

For more technical and application-related topics, visit our website and download the Application Guide now.

You can find more information on our PrevaLED® Flat AC G2 light engine family on our website.

For our PrevaLED® Flat AC G2 phase cut version, a dimmer compatibility overview is available on request.

Here is a short overview of the the five different versions of PrevaLED® Flat AC G2:

— **PC (phase cut) version PL-FLAT-AC-PC**
Includes driver on board
— **Emergency light version PL-FLAT-AC-EM**
Includes C-EM (central battery) and L-EM (local battery) function
— **Master version PL-FLAT-AC-MA**
Includes HF sensor and ambient light sensor, C-EM and L-EM function and MA/SL control
— **Slave version PL-FLAT-AC-SL**
To be connected to the Master version
— **DALI version PL-FLAT-AC-DA**
Fully dimmable and DALI-compatible, includes C-EM and L-EM function

Flexible LED strips – Summary of portfolio

Find the perfect solution to every customer's need with the Flex portfolio

OSRAM provides highest-quality shop lighting solutions for almost any project and application. You can create just the right effect to highlight products perfectly or to gently guide people through a shopping mall with our extensive product portfolio of dynamic Tunable White, high CRI, shop whites and more.

Set the stage for brilliant products, avoid yellowish effects, maintain vivid colors and make vegetables, cheese and meat appear delicious with the right special white LED strip.

Sophisticated lighting projects require a strong connection between architecture, function, light and a perfect interaction between daylight and artificial light. OSRAM provides an ideal solution with the white, Tunable White and RGBW LINEARlight FLEX® LED strips.

OSRAM LINEARlight FLEX® RGB and RGBW provide vivid colors with full single binning for homogeneity and ensure that the pure white and color consistency are maintained throughout large installations and over time.

Freedom of design with LINEARlight FLEX® LED strips
LINEARlight FLEX® LED strips are the best choice for representative and prestigious applications, enabling the design of professional and durable lighting solutions.

Our monochromatic versions offer excellent color stability and enable the possibility to have solid colors without the need of a control system. Diffused colors are also available.

Effective solutions with VALUE Flex® LED strips

Create the desired lighting atmosphere, set decorative accents, or highlight products: in the blink of an eye with the new generation of the OSRAM VALUE Flex® LED strips. Thanks to improved features, you can design homogeneous lighting with just the right amount of light in a wide range of color temperatures.

VALUE Flex® LED strips bring homogeneous light into narrowest coves and perfectly illuminate every space with a large selection of various light colors.

The product family not only offers lumen packages from 300 to 2,400 lm/m with an efficacy of up to 140 lm/W. Thanks to

VALUE® Flex, OSRAM provides even more options for various applications: just the right solution for comfortable ambient lighting as well as brightly illuminated rooms. The new ShortPitch versions are available as protected (IP66) and non-protected LED strips (IP20): simply ideal to create homogeneous lighting solutions.

Combined with ON/OFF ELEMENT LED drivers, dimmable OTi DALI LED drivers, protected OPTOTRONIC® devices and our extended range of connectors, tracks and covers, you can design the ideal lighting solution for every need.

Visit our Flex configurator: www.osram.com/flex-configurator
Find our products: www.osram.com/flex

Shaping light – realize your own design

Design by Astrid Krogh
(www.astridkrogh.com)

OSRAM provides the possibility to customize flexible LED strips and realize unique projects. Determine the desired design and functionality and we will manufacture suitable high-quality LED strips.

We offer many possibilities, including custom-made solutions, in addition to our standard portfolio:
— Longer length reels for automated processing
— Private or personalized labels and marking
— Special light colors
— Semi-finished assemblies
— Extended performances and warranty

We can help in creating the right product to fit any need. OSRAM experts are always available to support you in making the best choice between various possible solutions. We accelerate your design-in activity thanks to our extensive knowledge and well-equipped, certified laboratories. We offer high-quality and reliable products made in Italy and we count on our "Quality First" culture.

For further information, please contact flex-support@osram.com.

LINEARlight FLEX® POWER 45 m
LED modules for professional and industrial applications
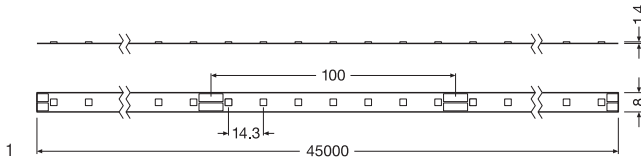
Product name	GTIN (EAN)	V	W/m	K		lm/m
LF3000-G3-830-02 45 [1]	4052899989948	24	23.7	3000	White	3000
LF3000-G3-840-02 45 [1]	4052899989962	24	21.8	4000	White	3000
LF2000-G3-830-04 45 [1]	4052899989986	24	15	3000	White	2000
LF2000-G3-840-04 45 [1]	4052899990005	24	13.6	4000	White	2000
LF1200-G3-830-06 45 [1]	4052899990029	24	8.9	3000	White	1200
LF1200-G3-840-07 45 [1]	4052899990043	24	8.1	4000	White	1200

Product name	lm MODULE	°∠	METER		No.
LF3000-G3-830-02 45 [1]	6000	120	70	7	1
LF3000-G3-840-02 45 [1]	6000	120	70	7	1
LF2000-G3-830-04 45 [1]	8000	120	70	7	1
LF2000-G3-840-04 45 [1]	8000	120	70	7	1
LF1200-G3-830-06 45 [1]	7200	120	70	7	1
LF1200-G3-840-07 45 [1]	8400	120	70	7	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information,
see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for
the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical
values / In development, data preliminary / More versions available on request

Product features[1]
— Flexible and cuttable LED strip
— Luminous flux: up to 3,000 lm/m
— Module efficacy: up to 138 lm/W
— Dimmable with PWM technology
— Fine White (3 SDCM)
— 45,000 mm reel

Product benefits
— Large selection of light colors
— Great design freedom thanks to flexibility and cuttability of module
— Simple mounting and connection
— Toolless connection with the optional CONNECTsystem
— Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back
— High luminous flux
— Extraordinary design and high-quality materials
— Type of protection: IP00

Areas of application
— Architecture lighting
— Cove lighting
— Ceiling integration

Equipment/Accessories
— Simplified connection with optional matching CONNECTsystem
— Quick installation with optional track system (OSRAM Flexessories®)
— Perfectly matched to OPTOTRONIC® 24 V electronic control gears

References/Links
System configurator tool is available online at
www.osram.com/flex-configurator

LINEARlight FLEX® Tunable White
LED modules for professional and industrial applications
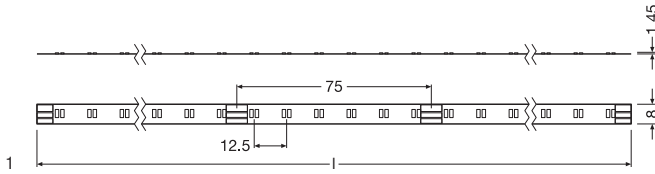
Product name	GTIN (EAN)	V	W/m	K		lm/m
LF4000TW-G3-827/865-02 [1]	**4052899953260**	24	36.8	2700…6500	Tunable White	3800
LF3000TW-G3-827/865-03 [1]	**4052899953277**	24	30	2700…6500	Tunable White	3000
LF2000TW-G3-827/865-04 [1]	**4052899953284**	24	18.5	2700…6500	Tunable White	2000
LF1200TW-G3-827/865-09 [1]	**4052899953161**	24	10.5	2700…6500	Tunable White	1200
LF2X1600TWW-G1-822.835-02 [1] [2]	**4052899563339**	24	38.7	2200…3500	Tunable White	3200
LF2X1600TWW-G1-824.835-02 [1] [2]	**4052899563353**	24	37.7	2400…3500	Tunable White	3200
LFP2X1600TWW-G1-824.835-02 [1] [2]	**4052899563377**	24	37.7	2400…3500	Tunable White	3200

Product name	∠°	⊢ [mm]	◎ METER	A⊿	📦	💡 No.
LF4000TW-G3-827/865-02 [1]	120	2100	160	A+	8	1
LF3000TW-G3-827/865-03 [1]	120	3000	160	A+	8	1
LF2000TW-G3-827/865-04 [1]	120	4500	160	A+	8	1
LF1200TW-G3-827/865-09 [1]	120	9000	160	A+	8	1
LF2X1600TWW-G1-822.835-02 [1] [2]	120	2100	160	A	8	1
LF2X1600TWW-G1-824.835-02 [1] [2]	120	2100	160	A	8	1
LFP2X1600TWW-G1-824.835-02 [1] [2]	120	2100	160	A	8	-

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information,
see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values
2) Pre-soldered wires 500 mm long on one end / In development, data preliminary

Product features [1]
— Flexible and cuttable LED strip
— Luminous flux: up to 3,800 lm/m
— Adjustable color temperature via Tunable White:
   2,700…6,500 K
— Adjustable color temperature via Tunable White:
   2,200...3,500 K
— Adjustable color temperature via Tunable White:
   2,400...3,500 K

Product benefits
— Simple mounting and connection
— Toolless connection with the optional CONNECTsystem
— Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back
— High luminous flux
— Extraordinary design and high-quality materials
— Pre-soldered wires (TWW versions)

Areas of application
— Cove lighting
— Shop lighting
— Offices

Equipment/Accessories
— Simplified connection with optional matching CONNECTsystem
— Quick installation with optional SLIM TRACK System
— Perfectly matched to OPTOTRONIC® OTi DALI 50/220…240/24 TW
— Perfectly matched to OPTOTRONIC® OTi DALI 80/220…240/24 TW

References/Links
System configurator tool is available online at www.osram.com/flex-configurator

LINEARlight FLEX® POWER 4000
LED modules for professional and industrial applications
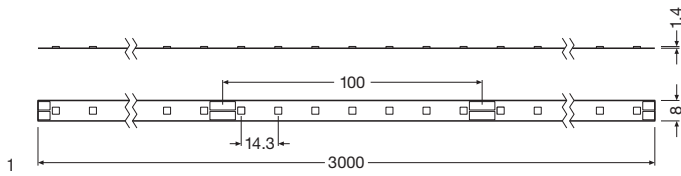
Product name	GTIN (EAN)	V	W/m	K		lm/m
LF4000-G3-827-03 [1]	**4052899952867**	24	28.9	2700	White	3750
LF4000-G3-830-03 [1]	**4052899952874**	24	28.9	3000	White	3750
LF4000-G3-840-03 [1]	**4052899952881**	24	28.9	4000	White	3850
LF4000-G3-850-03 [1]	**4052899952898**	24	28.9	5000	White	3850
LF4000-G3-865-03 [1]	**4052899952904**	24	28.9	6500	White	3850

Product name	∠°	METER	[A+]		No.
LF4000-G3-827-03 [1]	120	70	A+	8	1
LF4000-G3-830-03 [1]	120	70	A+	8	1
LF4000-G3-840-03 [1]	120	70	A+	8	1
LF4000-G3-850-03 [1]	120	70	A+	8	1
LF4000-G3-865-03 [1]	120	70	A+	8	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information,
see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for
the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical
values

Product features[1]
— Flexible and cuttable LED strip
— Luminous flux: up to 3,850 lm/m
— Module efficacy: up to 133 lm/W
— Dimmable with PWM technology
— Fine White (3 SDCM)
— High CRI versions: typical average value 95

Product benefits
— Single bin technology for very good color consistency over time and space
— Large selection of light colors
— Large selection of white tones
— High luminous flux suitable for general lighting
— "Shop White" versions available for great color rendering without yellowing effect
— Great design freedom thanks to flexibility and cuttability of module
— Extraordinary design and high quality materials
— Simple mounting and connection
— Toolless connection with the optional CONNECTsystem
— Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back

Areas of application
— Cove lighting
— Ceiling integration

Equipment/Accessories
— Simplified connection with the optional CONNECTsystem
— Quick installation with optional track system (OSRAM Flexessories®)
— Perfectly matched to OPTOTRONIC® 24 V electronic control gears

References/Links
System configurator tool is available online at www.osram.com/flex-configurator

LINEARlight FLEX® POWER 3000

LED modules for professional and industrial applications
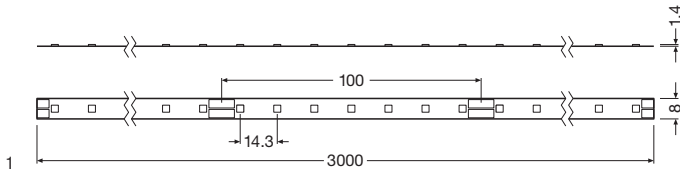
Product name	GTIN (EAN)	V	W/m	K		lm/m
LF3000-G3-820-03 [1]	4052899952911	24	28.9	2000	White	2500
LF3000-G3-824-03 [1]	4052899952928	24	28.9	2400	White	3000
LF3000-G3-827-03 [1]	4052899952935	24	23.7	2700	White	3000
LF3000-G3-830-03 [1]	4052899952942	24	23.7	3000	White	3000
LF3000-G3-840-03 [1]	4052899952959	24	21.8	4000	White	3000
LF3000-G3-850-03 [1]	4052899952966	24	21.8	5000	White	3000
LF3000-G3-865-03 [1]	4052899952973	24	21.8	6500	White	3000
LF3000-G3-927-03 [1]	4052899963948	24	28.9	2700	White	2700
LF3000-G3-930-03 [1]	4052899963955	24	28.9	3000	White	3000
LF3000-G3-840-03 [1]	4052899963962	24	26.5	4000	White	3000
LF3000-G3-SW30-02 [1]	4052899963979	24	27.6	3000	White	3000
LF3000-G3-SW40-02 [1]	4052899963986	24	27.6	4000	White	3000

Product name	°∕	METER			No.
LF3000-G3-820-03 [1]	120	70	A	8	1
LF3000-G3-824-03 [1]	120	70	A+	8	1
LF3000-G3-827-03 [1]	120	70	A+	8	1
LF3000-G3-830-03 [1]	120	70	A+	8	1
LF3000-G3-840-03 [1]	120	70	A++	8	1
LF3000-G3-850-03 [1]	120	70	A++	8	1
LF3000-G3-865-03 [1]	120	70	A++	8	1
LF3000-G3-927-03 [1]	120	70	A+	8	1
LF3000-G3-930-03 [1]	120	70	A+	8	1
LF3000-G3-840-03 [1]	120	70	A+	8	1
LF3000-G3-SW30-02 [1]	120	70	A+	8	1
LF3000-G3-SW40-02 [1]	120	70	A+	8	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values

Product features[1]
— Flexible and cuttable LED strip
— Luminous flux: up to 3,000 lm/m
— Module efficacy: up to 138 lm/W
— Dimmable with PWM technology
— Fine White (3 SDCM)

Product benefits
— Large selection of light colors
— Great design freedom thanks to flexibility and cuttability of module
— Simple mounting and connection
— Toolless connection with the optional CONNECTsystem
— Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back
— High luminous flux
— Extraordinary design and high quality materials
— Type of protection: IP00

Areas of application
— Architecture lighting
— Cove lighting
— Ceiling integration

Equipment/Accessories
— Simplified connection with optional matching CONNECTsystem
— Quick installation with optional track system (OSRAM Flexessories®)
— Perfectly matched to OPTOTRONIC® 24 V electronic control gears

**References/Links**
System configurator tool is available online at www.osram.com/flex-configurator

LINEARlight FLEX® POWER 2000
LED modules for professional and industrial applications
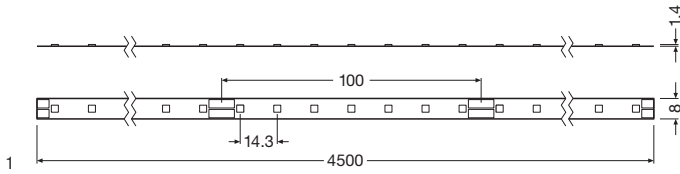
Product name	GTIN (EAN)	V	W/m	K		lm/m
LF2000-G3-820-04 [1]	4052899952980	24	17.9	2000	White	1650
LF2000-G3-824-04 [1]	4052899952997	24	17.9	2400	White	2000
LF2000-G3-827-04 [1]	4052899953000	24	15	2700	White	2000
LF2000-G3-830-04 [1]	4052899953017	24	15	3000	White	2000
LF2000-G3-840-04 [1]	4052899953024	24	13.6	4000	White	2000
LF2000-G3-850-04 [1]	4052899953031	24	13.6	5000	White	2000
LF2000-G3-865-04 [1]	4052899953048	24	13.6	6500	White	2000
LF2000-G3-927-04 [1]	4052899963993	24	17.9	2700	White	1800
LF2000-G3-930-04 [1]	4052899964006	24	17.9	3000	White	2000
LF2000-G3-940-04 [1]	4052899964013	24	16.3	4000	White	2000
LF2000-G3-SW30-04 [1]	4052899964020	24	17.9	3000	White	2000
LF2000-G3-SW40-04 [1]	4052899964037	24	17.9	4000	White	2000

Product name	°	METER			No.
LF2000-G3-820-04 [1]	120	70	A+ [2]	8	1
LF2000-G3-824-04 [1]	120	70	A+ [2]	8	1
LF2000-G3-827-04 [1]	120	70	A++ [2]	8	1
LF2000-G3-830-04 [1]	120	70	A++ [2]	8	1
LF2000-G3-840-04 [1]	120	70	A++ [2]	8	1
LF2000-G3-850-04 [1]	120	70	A++ [2]	8	1
LF2000-G3-865-04 [1]	120	70	A++ [2]	8	1
LF2000-G3-927-04 [1]	120	70	A+ [2]	8	1
LF2000-G3-930-04 [1]	120	70	A+ [2]	8	1
LF2000-G3-940-04 [1]	120	70	A+ [2]	8	1
LF2000-G3-SW30-04 [1]	120	70	A+ [2]	8	1
LF2000-G3-SW40-04 [1]	120	70	A+ [2]	8	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values
2) Applicable on smallest operable unit

Product features[1]
— Flexible and cuttable LED strip
— Luminous flux: up to 2,000 lm/m
— Module efficacy: up to 147 lm/W
— Dimmable with PWM technology
— Fine White (3 SDCM)

Product benefits
— Large selection of light colors
— Great design freedom thanks to flexibility and
  cuttability of module
— Simple mounting and connection
— Toolless connection with the optional
  CONNECTsystem
— Easy mounting on many smooth surfaces thanks to
  self-adhesive tape at the back
— "Shop White" versions available for great color
  rendering without yellowing effect
— Extraordinary design and high quality materials
— Type of protection: IP00

Areas of application
— Architecture lighting
— Cove lighting
— Ceiling integration

Equipment/Accessories
— Simplified connection with optional matching
  CONNECTsystem
— Quick installation with optional track system
  (OSRAM Flexessories®)
— Perfectly matched to OPTOTRONIC® 24 V electronic
  control gears

References/Links
System configurator tool is available online at
www.osram.com/flex-configurator

LINEARlight FLEX® POWER 1200
LED modules for professional and industrial applications
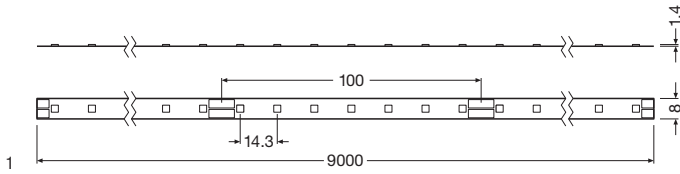
Product name	GTIN (EAN)	V	W/m	K		lm/m
LF1200-G3-820-09 [1]	4052899953055	24	10.6	2000	White	1000
LF1200-G3-824-09 [1]	4052899953062	24	10.6	2400	White	1200
LF1200-G3-827-09 [1]	4052899953079	24	8.9	2700	White	1200
LF1200-G3-830-09 [1]	4052899953086	24	8.9	3000	White	1200
LF1200-G3-840-09 [1]	4052899953093	24	8.1	4000	White	1200
LF1200-G3-850-09 [1]	4052899953291	24	8.1	5000	White	1200
LF1200-G3-865-09 [1]	4052899953314	24	8.1	6500	White	1200
LF1200-G3-927-09 [1]	4052899953321	24	10.6	2700	White	1100
LF1200-G3-930-09 [1]	4052899953338	24	10.6	3000	White	1200
LF1200-G3-940-09 [1]	4052899953345	24	10	4000	White	1200
LF1200-G3-SW30-09 [1]	4052899964044	24	10	3000	White	1200
LF1200-G3-SW40-09 [1]	4052899964051	24	10	4000	White	1200

Product name	°	METER			No.
LF1200-G3-820-09 [1]	120	70	A+ [2]	8	1
LF1200-G3-824-09 [1]	120	70	A+ [2]	8	1
LF1200-G3-827-09 [1]	120	70	A++ [2]	8	1
LF1200-G3-830-09 [1]	120	70	A++ [2]	8	1
LF1200-G3-840-09 [1]	120	70	A++ [2]	8	1
LF1200-G3-850-09 [1]	120	70	A++ [2]	8	1
LF1200-G3-865-09 [1]	120	70	A++ [2]	8	1
LF1200-G3-927-09 [1]	120	70	A+ [2]	8	1
LF1200-G3-930-09 [1]	120	70	A+ [2]	8	1
LF1200-G3-940-09 [1]	120	70	A+ [2]	8	1
LF1200-G3-SW30-09 [1]	120	70	A+ [2]	8	1
LF1200-G3-SW40-09 [1]	120	70	A+ [2]	8	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information,
see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for
the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical
values
2) Applicable on smallest operable unit

Product features[1]

— Flexible and cuttable LED strip
— Luminous flux: up to 1,200 lm/m
— Module efficacy: up to 152 lm/W
— Dimmable with PWM technology
— Fine White (3 SDCM)

Product benefits

— Large selection of light colors
— Great design freedom thanks to flexibility and cuttability of module
— Simple mounting and connection
— Toolless connection with the optional CONNECTsystem
— Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back
— "Shop White" versions available for great color rendering without yellowing effect
— Extraordinary design and high quality materials
— Type of protection: IP00

Areas of application

— Architecture lighting
— Cove lighting
— Ceiling integration
— Wall integration

Equipment/Accessories

— Simplified connection with optional matching CONNECTsystem
— Quick installation with optional track system (OSRAM Flexessories®)
— Perfectly matched to OPTOTRONIC® 24 V electronic control gears

References/Links

System configurator tool is available online at www.osram.com/flex-configurator

LINEARlight FLEX® POWER Meat White
LED modules for professional and industrial applications
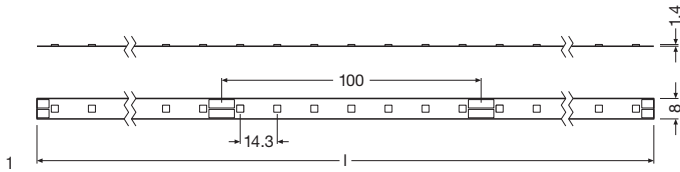
Product name	GTIN (EAN)	V	W/m	K		lm/m
LF1200-G3-MW-04 [1]	**4052899492103**	24	15	5200	White	1200
LF1200-G3-MWR-04 [1]	**4052899492165**	24	21.8	5300	White	1100
LF2000-G3-MW-03 [1]	**4052899492028**	24	26.5	5200	White	2000
LF2000-G3-MWR-03 [1]	**4052899492080**	24	28.9	5300	White	1450

Product name	∠°	l [mm]	METER			No.
LF1200-G3-MW-04 [1]	120	4500	70	A+ [2]	8	1
LF1200-G3-MWR-04 [1]	120	4500	70	B [2]	8	1
LF2000-G3-MW-03 [1]	120	3000	70	A [2]	8	1
LF2000-G3-MWR-03 [1]	120	3000	70	B [2]	8	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values
2) Applicable on smallest operable unit

Product features [1]
— Flexible and cuttable LED strip
— Special white light optimized for red meats
— Fine White (3 SDCM)
— Available luminous flux: up to 2,000 lm/m

Product benefits
— Makes fresh foods more attractive
— Simple mounting and connection
— Toolless connection with the optional CONNECTsystem
— Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back

Areas of application
— Fresh food counters
— Special purpose LED strip for fresh food counters lighting
— Suitable for red meat
— Not suitable for general lighting

Equipment/Accessories
— Simplified connection with optional matching CONNECTsystem
— Quick installation with optional track system (OSRAM Flexessories®)
— Perfectly matched to OPTOTRONIC® 24 V electronic control gears

References/Links
System configurator tool is available online at www.osram.com/flex-configurator

LINEARlight FLEX® POWER Veggie White
LED modules for professional and industrial applications
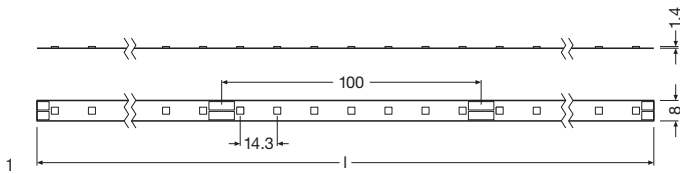
Product name	GTIN (EAN)	V	W/m	K		lm/m
LF1200-G3-VW30-04 [1]	**4052899492141**	24	16.3	3000	White	1150
LF1200-G3-VW40-04 [1]	**4052899492127**	24	15	4000	White	1200
LF2000-G3-VW30-03 [1]	**4052899492066**	24	28.9	3000	White	1800
LF2000-G3-VW40-03 [1]	**4052899492042**	24	26.5	4000	White	2000

Product name	°	l [mm]	METER			No.
LF1200-G3-VW30-04 [1]	120	4500	70	A [2]	8	1
LF1200-G3-VW40-04 [1]	120	4500	70	A+ [2]	8	1
LF2000-G3-VW30-03 [1]	120	3000	70	A [2]	8	1
LF2000-G3-VW40-03 [1]	120	3000	70	A [2]	8	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values
2) Applicable on smallest operable unit

Product features [1]
— Flexible and cuttable LED strip
— Fine White (3 SDCM)
— Available luminous flux: up to 2,000 lm/m

Product benefits
— Makes fresh foods more attractive
— Prevents "yellowing" appearance of white-colored foods
— Simple mounting and connection
— Toolless connection with the optional CONNECTsystem
— Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back

Areas of application
— Fresh food counters
— Special purpose LED strip for fresh food counters lighting
— Suitable for white meat, fish, cheese and vegetables
— Not suitable for general lighting

Equipment/Accessories
— Simplified connection with optional matching CONNECTsystem
— Quick installation with optional track system (OSRAM Flexessories®)
— Perfectly matched to OPTOTRONIC® 24 V electronic control gears

References/Links
System configurator tool is available online at www.osram.com/flex-configurator

LINEARlight FLEX® ShortPitch
LED modules for professional and industrial applications
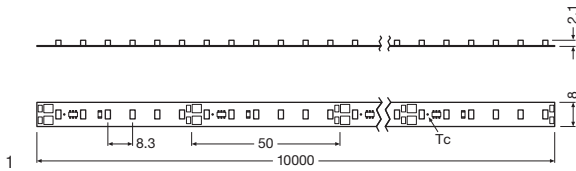
Product name	GTIN (EAN)	V	W/m	K		lm/m
LF800S-G3-824-10 [1]	**4052899953109**	24	8.9	2400	White	800
LF800S-G3-827-10 [1]	**4052899953116**	24	8.9	2700	White	800
LF800S-G3-830-10 [1]	**4052899953123**	24	8.3	3000	White	800
LF800S-G3-840-10 [1]	**4052899953130**	24	8.1	4000	White	850
LF800S-G3-850-10 [1]	**4052899953147**	24	8.6	5000	White	850
LF800S-G3-865-10 [1]	**4052899953154**	24	8.6	6500	White	850

Product name	°△	METER			No.
LF800S-G3-824-10 [1]	120	120	A+ [2]	8	1
LF800S-G3-827-10 [1]	120	120	A+ [2]	8	1
LF800S-G3-830-10 [1]	120	120	A+ [2]	8	1
LF800S-G3-840-10 [1]	120	120	A+ [2]	8	1
LF800S-G3-850-10 [1]	120	120	A+ [2]	8	1
LF800S-G3-865-10 [1]	120	120	A+ [2]	8	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values
2) Applicable on smallest operable unit

Product features [1]
— Flexible and cuttable LED strip
— Luminous flux: up to 850 lm/m
— Module efficacy: up to 99 lm/W
— Dimmable with PWM technology
— Fine White

Product benefits
— Very small LED spacing
— Great design freedom thanks to flexibility and cuttability of module
— Simple mounting and connection
— Toolless connection with the optional SLIMCONNECT system G2
— Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back

Areas of application
— Edge coupling
— Small coving
— Path lighting
— Contour accent lighting
— Signage
— Advertising and lettering

Equipment/Accessories
— Simplified connection with optional matching SLIMCONNECT system G2
— Quick installation with optional track system (OSRAM Flexessories®)
— Perfectly matched to OPTOTRONIC® 24 V electronic control gears

References/Links
System configurator tool is available online at www.osram.com/flex-configurator

LINEARlight FLEX® ADVANCED
LED modules for professional and industrial applications
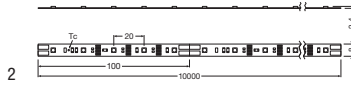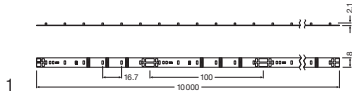
Product name	GTIN (EAN)	V	W/m	K		lm/m
LF06A-W3F-824 [1]	**4052899942783**	24	4.5	2400	White	380
LF06A-W3F-827 [1]	**4008321973986**	24	4.1	2700	White	370
LF06A-W3F-830 [1]	**4008321973993**	24	4.1	3000	White	370
LF06A-W3F-840 [1]	**4008321974006**	24	4.1	4000	White	400
LF06A-W3F-850 [1]	**4008321974013**	24	4.1	5000	White	400
LF06A-W3F-865 [1]	**4008321974020**	24	4.1	6500	White	400
LF05A2-B3 [1]	**4052899924123**	24	7.2	-	Blue	110

Product name	°	METER			No.
LF06A-W3F-824 [1]	120	60	A+ [2]	8	1
LF06A-W3F-827 [1]	120	60	A++ [2]	8	1
LF06A-W3F-830 [1]	120	60	A++ [2]	8	1
LF06A-W3F-840 [1]	120	60	A++ [2]	8	1
LF06A-W3F-850 [1]	120	60	A++ [2]	8	1
LF06A-W3F-865 [1]	120	60	A++ [2]	8	1
LF05A2-B3 [1]	120	50	–	8	2

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values
2) Applicable on smallest operable unit

Product features [1]
— Flexible and cuttable LED strip
— Luminous flux: up to 400 lm/m
— Module efficacy: up to 88 lm/W
— Dimmable with PWM technology
— Fine White

Product benefits
— Very long for seamless bands of light
— Large selection of light colors
— Great design freedom thanks to flexibility and cuttability of module
— Simple mounting and connection
— Toolless connection with the optional CONNECTsystem
— Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back

Areas of application
— Cove lighting
— Signage
— Advertising and lettering

Equipment/Accessories
— Simplified connection with optional matching CONNECTsystem
— Quick installation with optional track system (OSRAM Flexessories®)
— Perfectly matched to OPTOTRONIC® 24 V electronic control gears

References/Links
System configurator tool is available online at www.osram.com/flex-configurator

LINEARlight Colormix Flex
LED modules for professional and industrial applications
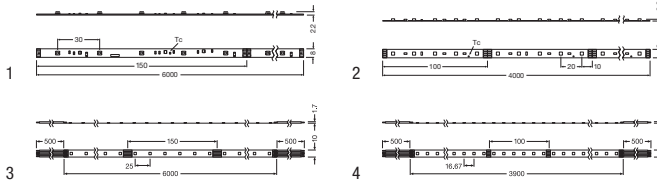
Product name	GTIN (EAN)	V	W/m RGB	W/m White	W/m	lm/m RGB	lm/m White
LF200C-G3-RGB-06 [1] [2]	**4052899501997**	24	6.5	-	6.5	209	-
LF05CA2-RGB3 [1] [3]	**4008321851536**	24	18	-	18	470	-
LF700RGBW-G1-822-06 [1] [4]	**4052899525221**	24	6.5	4.2	10.7	297	360
LF700RGBW-G1-827-06 [1] [4]	**4052899525269**	24	6.5	3.3	9.8	297	400
LF700RGBW-G1-830-06 [1] [4]	**4052899525306**	24	6.5	3.3	9.8	297	400
LF700RGBW-G1-840-06 [1] [4]	**4052899540668**	24	6.5	3.1	9.6	297	400
LF700RGBW-G1-865-06 [1] [4]	**4052899525344**	24	6.5	3.1	9.6	297	400
LF1300RGBW-G1-822-04 [1] [4]	**4052899525061**	24	11	9.4	19.9	493	720
LF1300RGBW-G1-827-04 [1] [4]	**4052899525122**	24	11	6.9	17.9	493	800
LF1300RGBW-G1-830-04 [1] [4]	**4052899525146**	24	11	6.9	17.9	493	800
LF1300RGBW-G1-840-04 [1] [4]	**4052899540620**	24	11	6.4	17.4	493	800
LF1300RGBW-G1-865-04 [1] [4]	**4052899525184**	24	11	6.4	17.4	493	800

Product name	lm/m	∠°	METER			No.
LF200C-G3-RGB-06 [1] [2]	209	120	33	-	8	1
LF05CA2-RGB3 [1] [3]	470	120	50	-	8	2
LF700RGBW-G1-822-06 [1] [4]	657	120	80	A+ [5]	8	3
LF700RGBW-G1-827-06 [1] [4]	697	120	80	A++ [5]	8	3
LF700RGBW-G1-830-06 [1] [4]	697	120	80	A++ [5]	8	3
LF700RGBW-G1-840-06 [3] [4]	697	120	80	A++ [5]	8	3
LF700RGBW-G1-865-06 [1] [4]	697	120	80	A++ [5]	8	3
LF1300RGBW-G1-822-04 [1] [4]	1293	120	120	A+ [5]	8	4
LF1300RGBW-G1-827-04 [1] [4]	1293	120	120	A++ [5]	8	4
LF1300RGBW-G1-830-04 [1] [4]	1293	120	120	A++ [5]	8	4
LF1300RGBW-G1-840-04 [1] [4]	1293	120	120	A++ [5]	8	4
LF1300RGBW-G1-865-04 [1] [4]	1293	120	120	A++ [5]	8	4

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information,
see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for
the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical
values
2) Color binning / With RGB wavelengths: R/G/B 625/525/465 nm
3) Color binning / With RGB wavelengths: R/G/B 625/525/465 nm / White point binning
4) Full single bin on white and each color / With RGB wavelengths: R/G/B 622/534/485 nm
5) Applicable on smallest operable unit

Product features[1]
— Flexible and cuttable LED strip with inline
  multichip RGB LEDs
— RGBW: full single bin on each color and white

Product benefits
— Uniform color changing
— Great design freedom thanks to flexibility and
  cuttability of module
— Simple mounting and connection
— Type of protection: IP00
— Toolless connection with the optional
  CONNECTsystem for RGB
— Easy mounting on many smooth surfaces thanks to
  self-adhesive tape at the back

Areas of application
— Effect lighting in architecture
— Injection of light into displays and
  low-profile light guides
— Dynamic effects in public zones

Equipment/Accessories
— Simplified connection with optional matching
  CONNECTsystem for RGB
— Quick installation with optional track system
  (OSRAM Flexessories®)
— Perfectly matched to OPTOTRONIC® 24 V electronic
 control gears

References/Links
System configurator tool is available online at
www.osram.com/flex-configurator

LINEARlight FLEX® Protect POWER 3000
LED modules for professional and industrial applications
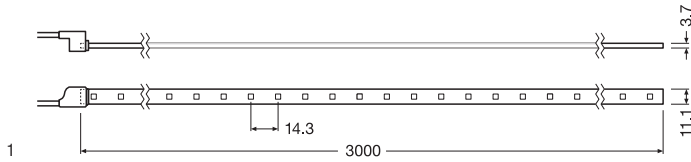
Product name	GTIN (EAN)	V	W/m	K		lm/m
LFP3000-G3-824-03 [1]	**4052899481299**	24	28.9	2400	White	2800
LFP3000-G3-827-03 [1]	**4052899481312**	24	28.9	2700	White	3000
LFP3000-G3-830-03 [1]	**4052899481336**	24	28.9	3000	White	3000
LFP3000-G3-840-03 [1]	**4052899481350**	24	23.7	4000	White	3000
LFP3000-G3-860-03 [1]	**4052899481374**	24	21.8	6000	White	2800
LFP3000-G3-930-03 [1]	**4052899481398**	24	28.9	3500	White	2850
LFP3000-G3-940-03 [1]	**4052899481411**	24	28.9	4000	White	3000
LFP3000-G3-860-03 [1]	**4052899481435**	24	26.5	6000	White	3000
LFP3000-G3-SW40 [1]	**4052899501898**	24	27.6	4300	White	3000

Product name	∠°	METER	A [4]		No.
LFP3000-G3-824-03 [1]	120	70	A+ [2]	8	1
LFP3000-G3-827-03 [1]	120	70	A+ [2]	8	1
LFP3000-G3-830-03 [1]	120	70	A+ [2]	8	1
LFP3000-G3-840-03 [1]	120	70	A+ [2]	8	1
LFP3000-G3-860-03 [1]	120	70	A+ [2]	8	1
LFP3000-G3-930-03 [1]	120	70	A+ [2]	8	1
LFP3000-G3-940-03 [1]	120	70	A+ [2]	8	1
LFP3000-G3-860-03 [1]	120	70	A+ [2]	8	1
LFP3000-G3-SW40 [1]	120	70	A+ [2]	8	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information,
see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for
the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical
values
2) Applicable on smallest operable unit

Product features[1]

— Flexible and cuttable LED strip
— Luminous flux: up to 3,000 lm/m
— Type of protection: IP67
— Dimmable with PWM technology
— Fine White (3.5 SDCM)

Product benefits

— High luminous flux
— Great design freedom thanks to flexibility and cuttability of module
— High-performance silicone for extremely long life and flexibility
— Simple connection thanks to premounted connectors
— Extraordinary design and high quality materials
— Toolless connection only if using the optional CONNECTsystem
— Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back
— Outdoor use possible: UV and salt mist resistant (UV acc. to ISO 4892-2 – Method A, salt mist acc. to IEC 60068-2-52 severity 1)

Areas of application

— Facade accent lighting
— Ceiling integration
— Wall integration
— Cove lighting
— Machine lighting
— Path lighting
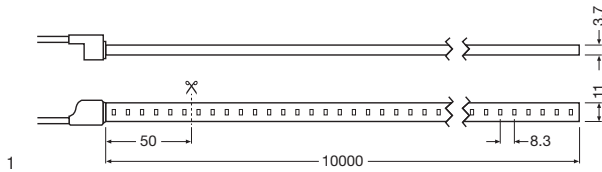— Suitable for outdoor use

Equipment/Accessories

— Simplified connection with optional matching CONNECTsystem
— Quick installation with optional track system (OSRAM Flexessories®)
— Perfectly matched to OPTOTRONIC® 24 V electronic control gears

References/Links

System configurator tool is available online at www.osram.com/flex-configurator

LINEARlight FLEX® Protect POWER 2000
LED modules for professional and industrial applications
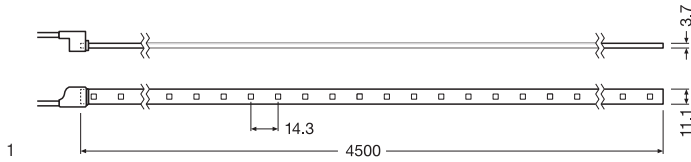
Product name	GTIN (EAN)	V	W/m	K		lm/m
LFP2000-G3-824-04 [1]	**4052899481138**	24	17.9	2400	White	1800
LFP2000-G3-827-04 [1]	**4052899481152**	24	17.9	2700	White	1900
LFP2000-G3-830-04 [1]	**4052899481176**	24	17.9	3000	White	1900
LFP2000-G3-840-04 [1]	**4052899481190**	24	15	4000	White	1900
LFP2000-G3-860-04 [1]	**4052899481213**	24	13.6	6000	White	1800
LFP2000-G3-930-04 [1]	**4052899481237**	24	17.9	3500	White	1800
LFP2000-G3-940-04 [1]	**4052899481251**	24	17.9	4000	White	1900
LFP2000-G3-960-04 [1]	**4052899481275**	24	16.3	6000	White	1900
LFP2000-G3-SW40 [1]	**4052899501911**	24	17.9	4300	White	1900

Product name	∠°	METER	A+		No.
LFP2000-G3-824-04 [1]	120	70	A+ [2]	8	1
LFP2000-G3-827-04 [1]	120	70	A+ [2]	8	1
LFP2000-G3-830-04 [1]	120	70	A+ [2]	8	1
LFP2000-G3-840-04 [1]	120	70	A+ [2]	8	1
LFP2000-G3-860-04 [1]	120	70	A+ [2]	8	1
LFP2000-G3-930-04 [1]	120	70	A+ [2]	8	1
LFP2000-G3-940-04 [1]	120	70	A+ [2]	8	1
LFP2000-G3-960-04 [1]	120	70	A+ [2]	8	1
LFP2000-G3-SW40 [1]	120	70	A+ [2]	8	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information,
see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for
the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical
values
2) Applicable on smallest operable unit

Product features[1]
— Flexible and cuttable LED strip
— Luminous flux: up to 2,000 lm/m
— Type of protection: IP67
— Dimmable with PWM technology
— Fine White (3.5 SDCM)

Product benefits
— High luminous flux
— Great design freedom thanks to flexibility and cuttability of module
— High-performance silicone for extremely long life and flexibility
— Simple connection thanks to premounted connectors
— Extraordinary design and high quality materials
— Toolless connection only if using the optional CONNECTsystem
— Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back
— Outdoor use possible: UV and salt mist resistant (UV acc. to ISO 4892-2 – Method A, salt mist acc. to IEC 60068-2-52 severity 1)

Areas of application
— Facade accent lighting
— Ceiling integration
— Wall integration
— Cove lighting
— Machine lighting
— Path lighting
— Suitable for outdoor use

Equipment/Accessories
— Simplified connection with optional matching CONNECTsystem
— Quick installation with optional track system (OSRAM Flexessories®)
— Perfectly matched to OPTOTRONIC® 24 V electronic control gears

References/Links
System configurator tool is available online at
www.osram.com/flex-configurator

LINEARlight FLEX® Protect POWER 1200
LED modules for professional and industrial applications

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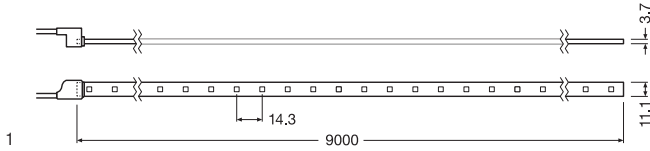
Product name	GTIN (EAN)	V	W/m	K		lm/m
LFP1200-G3-824-09 [1]	**4052899481640**	24	10.6	2400	White	1100
LFP1200-G3-827-09 [1]	**4052899481626**	24	10.6	2700	White	1150
LFP1200-G3-830-09 [1]	**4052899481664**	24	10.6	3000	White	1200
LFP1200-G3-840-09 [1]	**4052899481688**	24	8.9	4000	White	1200
LFP1200-G3-860-09 [1]	**4052899481701**	24	8.1	6000	White	1100
LFP1200-G3-930-09 [1]	**4052899481725**	24	10.6	3500	White	1100
LFP1200-G3-940-09 [1]	**4052899481749**	24	10.6	4000	White	1200
LFP1200-G3-960-09 [1]	**4052899481763**	24	10	6000	White	1200
LFP1200-G3-SW40 [1]	**4052899501935**	24	10.6	4301	White	1200

Product name	$\angle°$	METER			No.
LFP1200-G3-824-09 [1]	120	70	A+ [2]	8	1
LFP1200-G3-827-09 [1]	120	70	A+ [2]	8	1
LFP1200-G3-830-09 [1]	120	70	A+ [2]	8	1
LFP1200-G3-840-09 [1]	120	70	A++ [2]	8	1
LFP1200-G3-860-09 [1]	120	70	A++ [2]	8	1
LFP1200-G3-930-09 [1]	120	70	A+ [2]	8	1
LFP1200-G3-940-09 [1]	120	70	A+ [2]	8	1
LFP1200-G3-960-09 [1]	120	70	A+ [2]	8	1
LFP1200-G3-SW40 [1]	120	70	A+ [2]	8	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information,
see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for
the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical
values
2) Applicable on smallest operable unit

Product features[1]
— Flexible and cuttable LED strip
— Luminous flux: up to 1,200 lm/m
— Type of protection: IP67
— Dimmable with PWM technology
— Fine White (3.5 SDCM)

Product benefits
— High luminous flux
— Great design freedom thanks to flexibility and cuttability of module
— High-performance silicone for extremely long life and flexibility
— Simple connection thanks to premounted connectors
— Extraordinary design and high quality materials
— Toolless connection only if using the optional CONNECTsystem
— Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back
— Outdoor use possible: UV and salt mist resistant (UV acc. to ISO 4892-2 – Method A, salt mist acc. to IEC 60068-2-52 severity 1)

Areas of application
— Facade accent lighting
— Ceiling integration
— Wall integration
— Cove lighting
— Machine lighting
— Path lighting
— Suitable for outdoor use

Equipment/Accessories
— Simplified connection with optional matching CONNECTsystem
— Quick installation with optional track system (OSRAM Flexessories®)
— Perfectly matched to OPTOTRONIC® 24 V electronic control gears

References/Links
System configurator tool is available online at www.osram.com/flex-configurator

LINEARlight FLEX® Protect POWER 800
LED modules for professional and industrial applications
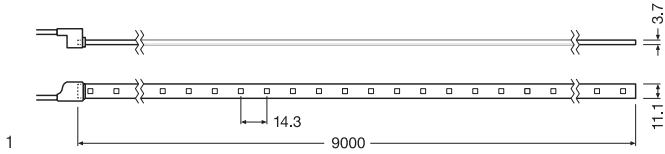
Product name	GTIN (EAN)	V	W/m	K		lm/m
LFP800-G3-824-09 [1]	**4052899481565**	24	7.6	2400	White	800
LFP800-G3-827-09 [1]	**4052899481589**	24	7.1	2700	White	800

Product name	∧°	METER		No.	
LFP800-G3-824-09 [1]	120	70	A+ [2]	8	1
LFP800-G3-827-09 [1]	120	70	A++ [2]	8	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values
2) Applicable on smallest operable unit

Product features [1]
— Flexible and cuttable LED strip
— Luminous flux: up to 800 lm/m
— Type of protection: IP67
— Dimmable with PWM technology
— Fine White (3.5 SDCM)

Product benefits
— High luminous flux
— Great design freedom thanks to flexibility and cuttability of module
— High-performance silicone for extremely long life and flexibility
— Simple connection thanks to premounted connectors
— Extraordinary design and high quality materials
— Toolless connection only if using the optional CONNECTsystem
— Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back
— Outdoor use possible: UV and salt mist resistant (UV acc. to ISO 4892-2 – Method A, salt mist acc. to IEC 60068-2-52 severity 1)

Areas of application
— Facade accent lighting
— Ceiling integration
— Wall integration
— Cove lighting
— Machine lighting
— Path lighting
— Suitable for outdoor use

Equipment/Accessories
— Simplified connection with optional matching CONNECTsystem
— Quick installation with optional track system (OSRAM Flexessories®)
— Perfectly matched to OPTOTRONIC® 24 V electronic control gears

References/Links
System configurator tool is available online at www.osram.com/flex-configurator

LINEARlight FLEX® Protect ShortPitch
LED modules for professional and industrial applications

1

Product name	GTIN (EAN)	V	W/m	K		lm/m
LFP800S-G3-830-10 [1]	**4052899953352**	24	8.3	3000	White	760
LFP800S-G3-840-10 [1]	**4052899953369**	24	7.7	4000	White	760
LFP800S-G3-856-10 [1]	**4052899953376**	24	7.7	5600	White	810
LFP800S-G3-880-10 [1]	**4052899953383**	24	8.3	8000	White	810

Product name	°	METER	A		No.
LFP800S-G3-830-10 [1]	120	120	A+	8	1
LFP800S-G3-840-10 [1]	120	120	A+	8	1
LFP800S-G3-856-10 [1]	120	120	A+	8	1
LFP800S-G3-880-10 [1]	120	120	A+	8	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values

Product features [1]
— Flexible and cuttable LED strip
— Luminous flux: up to 810 lm/m
— Type of protection: IP67
— Dimmable with PWM technology
— Fine White (3.5 SDCM)

Product benefits
— Very small LED spacing
— Outdoor use possible: UV and salt mist resistant (UV acc. to ISO 4892-2 – Method A, salt mist acc. to IEC 60068-2-52 severity 1)
— Great design freedom thanks to flexibility and cuttability of module
— High-performance silicone for extremely long life and flexibility
— Simple connection thanks to premounted connectors
— Extraordinary design and high quality materials
— Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back

Areas of application
— Suitable for outdoor use

Equipment/Accessories
— Simplified connection with optional matching CONNECTsystem
— Quick installation with optional track system (OSRAM Flexessories®)
— Perfectly matched to OPTOTRONIC® 24 V electronic control gears

References/Links
System configurator tool is available online at www.osram.com/flex-configurator

LINEARlight FLEX® Protect ADVANCED
LED modules for professional and industrial applications

1
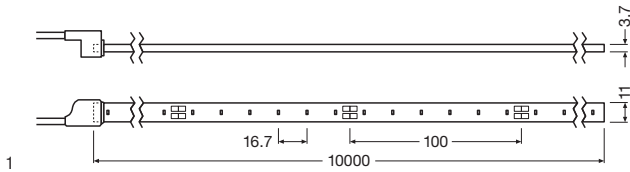
Product name	GTIN (EAN)	V	W/m	K		lm/m
LF06A-W3F-830-P [1]	**4008321789983**	24	4.2	3000	White	390
LF06A-W3F-840-P [1]	**4008321790125**	24	4.2	4000	White	390
LF06A-W3F-870-P [1]	**4008321790149**	24	4.2	7000	White	420

Product name	∠°	METER			No.
LF06A-W3F-830-P [1]	120	60	A++ [2]	8	1
LF06A-W3F-840-P [1]	120	60	A++ [2]	8	1
LF06A-W3F-870-P [1]	120	60	A++ [2]	8	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information,
see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for
the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical
values
2) Applicable on smallest operable unit

Product features[1]
— Flexible and cuttable LED strip
— Luminous flux: up to 420 lm/m
— Type of protection: IP67
— Dimmable with PWM technology
— Fine White (3.5 SDCM)
— Salt mist proof

Product benefits
— Very long for seamless bands of light
— Great design freedom thanks to flexibility and cuttability of module
— High-performance silicone for extremely long life and flexibility
— Simple connection thanks to premounted connectors
— Extraordinary design and high quality materials
— Toolless connection with the optional CONNECTsystem
— Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back

Areas of application
— Cove lighting
— Wall integration
— Hand rails and corridors
— Machine lighting
— Path lighting
— Signage
— Suitable for outdoor use

Equipment/Accessories
— Simplified connection with optional matching CONNECTsystem
— Quick installation with optional track system (OSRAM Flexessories®)
— Perfectly matched to OPTOTRONIC® 24 V electronic control gears

References/Links
System configurator tool is available online at
www.osram.com/flex-configurator

LINEARlight FLEX® Protect ECO
LED modules for professional and industrial applications

1
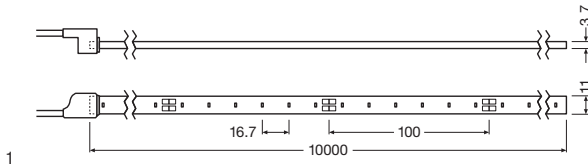
Product name	GTIN (EAN)	V	W/m	K		lm/m
LF06E-830-P [1]	**4052899475724**	24	2	3000	White	200
LF06E-840-P [1]	**4052899475809**	24	2	4000	White	200
LF06E-880-P [1]	**4052899475847**	24	2	8000	White	190

Product name		METER			No.
LF06E-830-P [1]	120	60	A++ [2]	8	1
LF06E-840-P [1]	120	60	A++ [2]	8	1
LF06E-880-P [1]	120	60	A++ [2]	8	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values
2) Applicable on smallest operable unit

Product features[1]
— Flexible and cuttable LED strip
— Luminous flux: up to 200 lm/m
— Type of protection: IP67
— Dimmable with PWM technology
— Fine White (3.5 SDCM)
— Salt mist proof

Product benefits
— Large selection of light colors
— Great design freedom thanks to flexibility and cuttability of module
— High-performance silicone for extremely long life and flexibility
— Simple connection thanks to premounted connectors
— Extraordinary design and high quality materials
— Toolless connection with the optional CONNECTsystem
— Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back

Areas of application
— Decorative applications
— Wall integration
— Backlighting of complex structures
— Path lighting
— Signage
— Suitable for outdoor use

Equipment/Accessories
— Simplified connection with optional matching CONNECTsystem
— Quick installation with optional track system (OSRAM Flexessories®)
— Perfectly matched to OPTOTRONIC® 24 V electronic control gears

References/Links
System configurator tool is available online at www.osram.com/flex-configurator

LINEARlight Colormix Flex Protect
LED modules for professional and industrial applications
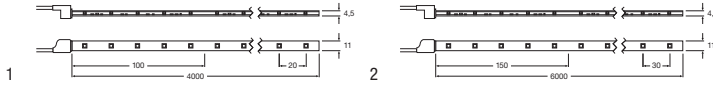
Product name	GTIN (EAN)	V	W/m	λ	
LF05CA-RGB3-P [1]	**4008321977205**	24	18	625 / 525 / 465	RGB
LFP200C-G3-RGB-06 [1]	**4052899501973**	24	6.5	625 / 525 / 465	RGB

Product name	lm/m	⬔	⊚ METER	▱	💡 No.
LF05CA-RGB3-P [1]	435	120	50	8	1
LFP200C-G3-RGB-06 [1]	180	120	33	8	2

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information,
see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for
the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical
values

Product features [1]
— Flexible and cuttable LED strip with inline multichip RGB LEDs
— Type of protection: IP67
— Dimmable with PWM technology
— Salt mist proof

Product benefits
— Uniform color changing
— Great design freedom thanks to flexibility and cuttability of module
— High-performance silicone for extremely long life and flexibility
— Simple connection thanks to premounted connectors
— Extraordinary design and high quality materials
— Toolless connection with the optional CONNECTsystem
— Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back

Areas of application
— Facade accent lighting
— Effect lighting in architecture
— Edge coupling
— Path lighting
— Suitable for outdoor use

Equipment/Accessories
— Simplified connection with optional matching CONNECTsystem
— Quick installation with optional track system (OSRAM Flexessories®)
— Perfectly matched to OPTOTRONIC® 24 V electronic control gears

References/Links
System configurator tool is available online at www.osram.com/flex-configurator

LINEARlight FLEX® DIFFUSE Top White
LED modules for professional and industrial applications
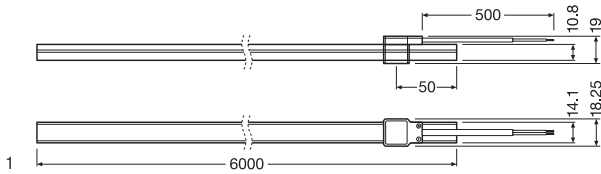
Product name	GTIN (EAN)	V	W/m	K		lm/m
LFD400T-G1-827-06 [1]	**4052899953512**	24	7.2	2700	White	490
LFD400T-G1-830-06 [1]	**4052899953529**	24	7.2	3000	White	490
LFD400T-G1-840-06 [1]	**4052899953536**	24	7.2	4000	White	480
LFD400T-G1-865-06 [1]	**4052899953543**	24	7.2	6500	White	460
LFD800T-G1-827-06 [1]	**4052899499768**	24	11.5	2700	White	750
LFD800T-G1-830-06 [1]	**4052899499805**	24	11.5	3000	White	750
LFD800T-G1-840-06 [1]	**4052899499843**	24	11.5	4000	White	720
LFD800T-G1-865-06 [1]	**4052899499881**	24	11.5	6500	White	660

Product name	∠°	◎ METER	🔋	📦	💡 No.
LFD400T-G1-827-06 [1]	120	140	A+ [2]	6	1
LFD400T-G1-830-06 [1]	120	140	A+ [2]	6	1
LFD400T-G1-840-06 [1]	120	140	A+ [2]	6	1
LFD400T-G1-865-06 [1]	120	140	A+ [2]	6	1
LFD800T-G1-827-06 [1]	120	140	A [2]	6	1
LFD800T-G1-830-06 [1]	120	140	A [2]	6	1
LFD800T-G1-840-06 [1]	120	140	A [2]	6	1
LFD800T-G1-865-06 [1]	120	140	A [2]	6	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information,
see www.osram.com/led-systems / All the technical parameters apply to the entire module.
In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values
2) Applicable on smallest operable unit

Product features [1]
— Diffused light lines without visible spots
— Flexible and cuttable module to support design freedom
— Long operational length per single power feed possible (up to 6 m)
— Ideal for luminaire designs
— Extra strong self-adhesive back for easy mounting
— 24 V technology for easy dimensioning
— Recommended in system use with OPTOTRONIC®
— Increased reliability due to single-piece reel-to-reel technology
— Dimmable with PWM technology

Product benefits
— IP67 protection with high-performance silicone
— Outdoor use possible: UV and salt mist resistant (UV acc. to ISO 4892-2 - Method A, salt mist acc. to IEC 60068-2-52 severity 1)

Areas of application
— Individual and customized luminaires
— Organic-shaped luminaires
— Architectural integration – e.g. coves, walls
— Object integration – e.g. handrails
— Signage and illuminated advertising

References/Links
System configurator tool is available online at
www.osram.com/flex-configurator

LINEARlight FLEX® DIFFUSE Top Monochrome
LED modules for professional and industrial applications
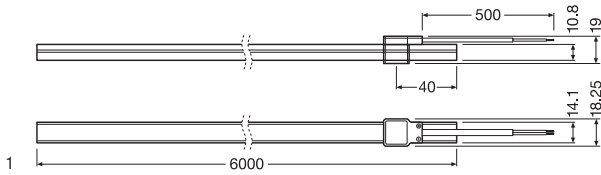
Product name	GTIN (EAN)	V	W/m	λ	
LFD400MT-G1-BL-06 [1]	**4052899953550**	24	12	457…467	Blue
LFD400MT-G1-GR-06 [1]	**4052899953567**	24	12	525…539	Green
LFD400MT-G1-GR-03 [1]	**4052899450851**	24	12	525…539	Green
LFD400MT-G1-RE-06 [1]	**4052899953574**	24	12	612…626	Red
LFD400MT-G1-YE-06 [1]	**4052899953581**	24	12	586…594	Yellow
LFD400MT-G1-OR-06 [1]	**4052899953598**	24	12	603…611	Orange

Product name	lm/m	△°	◎ METER	▱	▽ No.
LFD400MT-G1-BL-06 [1]	60	120	150	6	1
LFD400MT-G1-GR-06 [1]	285	120	150	6	1
LFD400MT-G1-GR-03 [1]	285	120	150	6	1
LFD400MT-G1-RE-06 [1]	320	120	150	6	1
LFD400MT-G1-YE-06 [1]	162	120	150	6	1
LFD400MT-G1-OR-06 [1]	175	120	150	6	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values

Product features [1]
— Diffused light lines without visible spots
— Flexible and cuttable module to support design freedom
— Long operational length per single power feed possible (up to 6 m)
— Ideal for luminaire designs
— Extra strong self-adhesive back for easy mounting
— 24 V technology for easy dimensioning
— Recommended in system use with OPTOTRONIC®
— Increased reliability due to single-piece reel-to-reel technology
— Dimmable with PWM technology

Product benefits
— IP67 protection with high-performance silicone
— Outdoor use possible: UV and salt mist resistant (UV acc. to ISO 4892-2 - Method A, salt mist acc. to IEC 60068-2-52 severity 1)

Areas of application
— Individual and customized luminaires
— Organic-shaped luminaires
— Architectural integration – e.g. coves, walls
— Object integration – e.g. handrails
— Signage and illuminated advertising

References/Links
System configurator tool is available online at www.osram.com/flex-configurator

LINEARlight FLEX® DIFFUSE Side White
LED modules for professional and industrial applications
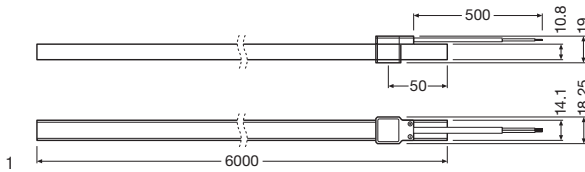
Product name	GTIN (EAN)	V	W/m	K		lm/m
LFD400S-G1-827-06 [1]	**4052899953611**	24	7.2	2700	White	410
LFD400S-G1-830-06 [1]	**4052899953628**	24	7.2	3000	White	410
LFD400S-G1-840-06 [1]	**4052899953635**	24	7.2	4000	White	410
LFD400S-G1-865-06 [1]	**4052899953642**	24	7.2	6500	White	350
LFD600S-G1-827-06 [1]	**4052899499928**	24	11.5	2700	White	600
LFD600S-G1-830-06 [1]	**4052899499966**	24	11.5	3000	White	600
LFD600S-G1-840-06 [1]	**4052899500006**	24	11.5	4000	White	600
LFD600S-G1-865-06 [1]	**4052899500044**	24	11.5	6500	White	530

Product name	°	METER			No.
LFD400S-G1-827-06 [1]	120	140	A+ [2]	6	1
LFD400S-G1-830-06 [1]	120	140	A+ [2]	6	1
LFD400S-G1-840-06 [1]	120	140	A+ [2]	6	1
LFD400S-G1-865-06 [1]	120	140	A [2]	6	1
LFD600S-G1-827-06 [1]	120	140	A [2]	6	1
LFD600S-G1-830-06 [1]	120	140	A [2]	6	1
LFD600S-G1-840-06 [1]	120	140	A [2]	6	1
LFD600S-G1-865-06 [1]	120	140	A [2]	6	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values
2) Applicable on smallest operable unit

Product features [1]
— Diffused light lines without visible spots
— Flexible and cuttable module to support design freedom
— Long operational length per single power feed possible (up to 6 m)
— Ideal for luminaire designs
— Extra strong self-adhesive back for easy mounting
— 24 V technology for easy dimensioning
— Recommended in system use with OPTOTRONIC®
— Increased reliability due to single-piece reel-to-reel technology
— Dimmable with PWM technology

Product benefits
— IP67 protection with high-performance silicone
— Outdoor use possible: UV and salt mist resistant (UV acc. to ISO 4892-2 - Method A, salt mist acc. to IEC 60068-2-52 severity 1)

Areas of application
— Individual and customized luminaires
— Organic-shaped luminaires
— Architectural integration – e.g. coves, walls
— Object integration – e.g. handrails
— Signage and illuminated advertising

References/Links
System configurator tool is available online at www.osram.com/flex-configurator

LINEARlight FLEX® DIFFUSE Side Monochrome
LED modules for professional and industrial applications
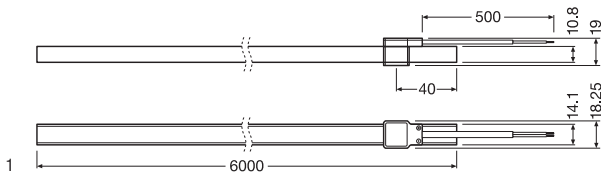
Product name	GTIN (EAN)	V	W/m	λ	
LFD400MS-G1-BL-06 [1]	**4052899953659**	24	12	457…467	Blue
LFD400MS-G1-GR-06 [1]	**4052899953666**	24	12	525…539	Green
LFD400MS-G1-RE-06 [1]	**4052899953673**	24	12	612…626	Red
LFD400MS-G1-YE-06 [1]	**4052899953680**	24	12	586…594	Yellow
LFD400MS-G1-OR-06 [1]	**4052899953697**	24	12	603…611	Orange
LFD400MS-G1-GR-03 [1]	**4052899450882**	24	12	525…539	Green

Product name	lm/m	∡°	METER		No.
LFD400MS-G1-BL-06 [1]	55	120	150	6	1
LFD400MS-G1-GR-06 [1]	260	120	150	6	1
LFD400MS-G1-RE-06 [1]	240	120	150	6	1
LFD400MS-G1-YE-06 [1]	150	120	150	6	1
LFD400MS-G1-OR-06 [1]	160	120	150	6	1
LFD400MS-G1-GR-03 [1]	260	120	150	6	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values

Product features[1]
— Diffused light lines without visible spots
— Flexible and cuttable module to support design freedom
— Long operational length per single power feed possible (up to 6 m)
— Ideal for luminaire designs
— Extra strong self-adhesive back for easy mounting
— 24 V technology for easy dimensioning
— Recommended in system use with OPTOTRONIC®
— Increased reliability due to single-piece reel-to-reel technology
— Dimmable with PWM technology

Product benefits
— IP67 protection with high-performance silicone
— Outdoor use possible: UV and salt mist resistant (UV acc. to ISO 4892-2 - Method A, salt mist acc. to IEC 60068-2-52 severity 1)

Areas of application
— Individual and customized luminaires
— Organic-shaped luminaires
— Architectural integration – e.g. coves, walls
— Object integration – e.g. handrails
— Signage and illuminated advertising

References/Links
System configurator tool is available online at www.osram.com/flex-configurator

VALUE Flex® 1500
LED modules for semi-professional applications
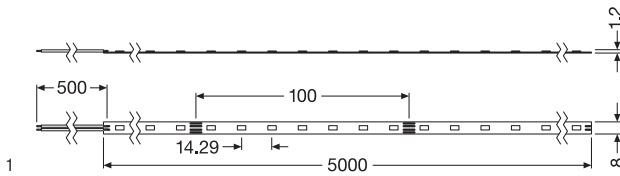
Product name	GTIN (EAN)	V	W/m	K		lm/m
VF1500-G3-827-05 [1]	**4052899526051**	24	11.5	2700	White	1445
VF1500-G3-830-05 [1]	**4052899526075**	24	11.5	3000	White	1520
VF1500-G3-840-05 [1]	**4052899526099**	24	11.5	4000	White	1600
VF1500-G3-865-05 [1]	**4052899526112**	24	11.5	6500	White	1600

Product name	lm	∧°	METER			No.
VF1500-G3-827-05 [1]	7225	120	70	A+ [2]	10	1
VF1500-G3-830-05 [1]	7600	120	70	A+ [2]	10	1
VF1500-G3-840-05 [1]	8000	120	70	A++ [2]	10	1
VF1500-G3-865-05 [1]	8000	120	70	A++ [2]	10	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values
2) Applicable on smallest operable unit

Product features [1]
— Available with light color: Warm White, Cool White
— Luminous flux: up to 1,600 lm/m
— High color consistency: 4 SDCM
— Self-cooling
— Beam angle per module: 120°
— Dimmable with suitable OPTOTRONIC® LED drivers
— Type of protection: IP00

Product benefits
— Energy-saving low-power flexible LED strip
— Pre-wired LED strip, simple and quick plug-and-play installation
— Good light output due to homogeneous LED distance and high color consistency
— Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back
— Easy installation with optional track system
— Easy to cut and reconnect to the reliable SLIMCONNECT system

Areas of application
— Hospitality
— Signage
— Architecture lighting
— Cove lighting
— General illumination
— Wall integration
— Display cabinet lighting

Equipment/Accessories
— SLIMCONNECT system FLEX connector
— Optional track system
— ELEMENT LED drivers
— OPTOTRONIC® LED drivers

VALUE Flex® 600
LED modules for semi-professional applications
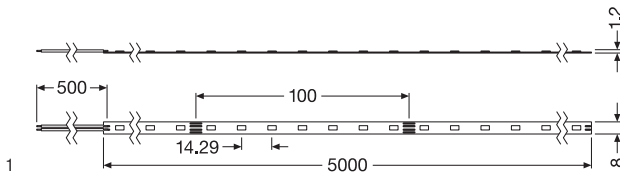
Product name	GTIN (EAN)	V	W/m	K		lm/m
VF600-G3-827-05 [1]	**4052899525979**	24	4.6	2700	White	620
VF600-G3-830-05 [1]	**4052899525993**	24	4.6	3000	White	655
VF600-G3-840-05 [1]	**4052899526013**	24	4.6	4000	White	690
VF600-G3-865-05 [1]	**4052899526037**	24	4.6	6500	White	690

Product name	lm	△°	METER			No.
VF600-G3-827-05 [1]	3100	120	70	A++ [2]	10	1
VF600-G3-830-05 [1]	3275	120	70	A++ [2]	10	1
VF600-G3-840-05 [1]	3450	120	70	A++ [2]	10	1
VF600-G3-865-05 [1]	3450	120	70	A++ [2]	10	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information,
see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for
the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical
values
2) Applicable on smallest operable unit

Product features [1]
— Available with light color: Warm White, Cool White
— Luminous flux: up to 690 lm/m
— High color consistency: 4 SDCM
— Self-cooling
— Beam angle per module: 120°
— Dimmable with suitable OPTOTRONIC® LED drivers
— Type of protection: IP00

Product benefits
— Energy-saving low-power flexible LED strip
— Pre-wired LED strip, simple and quick plug-and-play installation
— Good light output due to homogeneous LED distance and high color consistency
— Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back
— Easy installation with optional track system
— Easy to cut and reconnect to the reliable SLIMCONNECT system

Areas of application
— Hospitality
— Display cabinet lighting
— Signage
— Architecture lighting
— Cove lighting
— Wall integration

Equipment/Accessories
— SLIMCONNECT system FLEX connector
— Optional track system
— ELEMENT LED drivers
— OPTOTRONIC® LED drivers

VALUE Flex® 300
LED modules for semi-professional applications
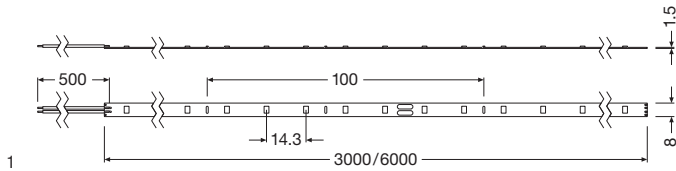
Product name	GTIN (EAN)	V	W/m	K		lm/m
VF300-G3-827-03 [1]	**4052899527874**	24	2	2700	White	280
VF300-G3-827-06 [1]	**4052899527959**	24	2	2700	White	280
VF300-G3-830-03 [1]	**4052899527898**	24	2	3000	White	295
VF300-G3-830-06 [1]	**4052899527973**	24	2	3000	White	295
VF300-G3-840-03 [1]	**4052899527911**	24	2	4000	White	310
VF300-G3-840-06 [1]	**4052899527997**	24	2	4000	White	310
VF300-G3-865-03 [1]	**4052899527935**	24	2	6500	White	310
VF300-G3-865-06 [1]	**4052899528017**	24	2	6500	White	310

Product name	lm	∠°	METER			No.
VF300-G3-827-03 [1]	840	120	70	A++ [2]	10	1
VF300-G3-827-06 [1]	1680	120	70	A++ [2]	10	1
VF300-G3-830-03 [1]	885	120	70	A++ [2]	10	1
VF300-G3-830-06 [1]	1770	120	70	A++ [2]	10	1
VF300-G3-840-03 [1]	930	120	70	A++ [2]	10	1
VF300-G3-840-06 [1]	1860	120	70	A++ [2]	10	1
VF300-G3-865-03 [1]	930	120	70	A++ [2]	10	1
VF300-G3-865-06 [1]	1860	120	70	A++ [2]	10	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information,
see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for
the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical
values
2) Applicable on smallest operable unit

Product features[1]
— Available with light color: Warm White, Cool White
— Luminous flux: up to 310 lm/m
— High color consistency: 4 SDCM
— Self-cooling
— Beam angle per module: 120°
— Dimmable with suitable OPTOTRONIC® LED drivers
— Type of protection: IP00

Product benefits
— Energy-saving low-power flexible LED strip
— Pre-wired LED strip, simple and quick plug-and-play
  installation
— Easy mounting on many smooth surfaces thanks to
  self-adhesive tape at the back
— Easy installation with optional track system
— Easy to cut and reconnect to the reliable
  SLIMCONNECT system

Areas of application
— Hospitality
— Under-cabinet lighting
— Shelf lighting
— Decorative lighting

Equipment/Accessories
— SLIMCONNECT system FLEX connector
— Optional track system
— ELEMENT LED drivers
— OPTOTRONIC® LED drivers

VALUE Flex® 1000
LED modules for semi-professional applications
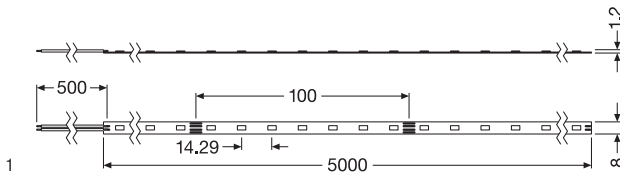
Product name	GTIN (EAN)	V	W/m	K		lm/m
VF1000-G3-827-05 [1]	**4052899525894**	24	7.6	2700	White	900
VF1000-G3-830-05 [1]	**4052899525917**	24	7.6	3000	White	950
VF1000-G3-840-05 [1]	**4052899525931**	24	7.6	4000	White	1000
VF1000-G3-865-05 [1]	**4052899525955**	24	7.6	6500	White	1000

Product name	lm	∧°	METER			No.
VF1000-G3-827-05 [1]	4500	120	70	A+ [2]	10	1
VF1000-G3-830-05 [1]	4750	120	70	A+ [2]	10	1
VF1000-G3-840-05 [1]	5000	120	70	A+ [2]	10	1
VF1000-G3-865-05 [1]	5000	120	70	A+ [2]	10	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information,
see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for
the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical
values
2) Applicable on smallest operable unit

Product features [1]
— Available with light color: Warm White, Cool White
— Luminous flux: up to 1,000 lm/m
— High color consistency: 4 SDCM
— Self-cooling
— Beam angle per module: 120°
— Dimmable with suitable OPTOTRONIC® LED drivers
— Type of protection: IP00

Product benefits
— Energy-saving low-power flexible LED strip
— Pre-wired LED strip, simple and quick plug-and-play installation
— Good light output due to homogeneous LED distance and high color consistency
— Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back
— Easy installation with optional track system
— Easy to cut and reconnect to the reliable SLIMCONNECT system

Areas of application
— Hospitality
— Signage
— Architecture lighting
— Cove lighting
— General illumination
— Wall integration
— Display cabinet lighting

Equipment/Accessories
— SLIMCONNECT system FLEX connector
— Optional track system
— ELEMENT LED drivers
— OPTOTRONIC® LED drivers

VALUE Flex® 2000
LED modules for semi-professional applications

1.2

500

100

14.29

5000

8

1
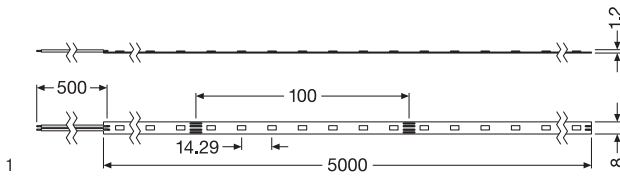
Product name	GTIN (EAN)	V	W/m	K		lm/m
VF2000-G3-827-05 [1]	**4052899528956**	24	14.4	2700	White	1800
VF2000-G3-830-05 [1]	**4052899528970**	24	14.4	3000	White	1900
VF2000-G3-840-05 [1]	**4052899528994**	24	14.4	4000	White	2000
VF2000-G3-865-05 [1]	**4052899529014**	24	14.4	6500	White	2000

Product name	lm	/°	METER			No.
VF2000-G3-827-05 [1]	9000	120	70	A+ [2]	10	1
VF2000-G3-830-05 [1]	9500	120	70	A+ [2]	10	1
VF2000-G3-840-05 [1]	10000	120	70	A+ [2]	10	1
VF2000-G3-865-05 [1]	10000	120	70	A+ [2]	10	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information,
see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for
the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical
values
2) Applicable on smallest operable unit

Product features [1]
— Available with light color: Warm White, Cool White
— Luminous flux: up to 2,000 lm/m
— High color consistency: 4 SDCM
— Self-cooling
— Beam angle per module: 120°
— Dimmable with suitable OPTOTRONIC® LED drivers
— Type of protection: IP00

Product benefits
— Energy-saving low-power flexible LED strip
— Pre-wired LED strip, simple and quick plug-and-play installation
— Good light output due to homogeneous LED distance and high color consistency
— Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back
— Easy installation with optional track system
— Easy to cut and reconnect to the reliable SLIMCONNECT system

Areas of application
— Hospitality
— Signage
— Architecture lighting
— Cove lighting
— General illumination
— Wall integration
— Display cabinet lighting

Equipment/Accessories
— SLIMCONNECT system FLEX connector
— Optional track system
— ELEMENT LED drivers
— OPTOTRONIC® LED drivers

VALUE Flex® 800S
LED modules for semi-professional applications
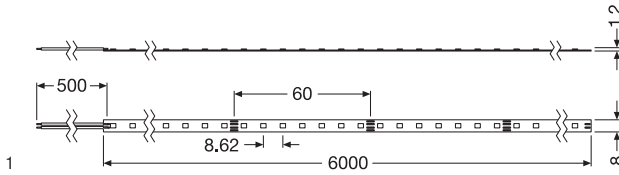
Product name	GTIN (EAN)	V	W/m	K		lm/m
VF800S-G3-827-06 [1]	**4052899526136**	24	6.4	2700	White	850
VF800S-G3-830-06 [1]	**4052899526150**	24	6.4	3000	White	890
VF800S-G3-840-06 [1]	**4052899526174**	24	6.4	4000	White	940
VF800S-G3-865-06 [1]	**4052899526198**	24	6.4	6500	White	940

Product name	lm	°∠	◎ METER	▦	▱	💡 No.
VF800S-G3-827-06 [1]	5100	120	116	A++ [2]	10	1
VF800S-G3-830-06 [1]	5340	120	116	A++ [2]	10	1
VF800S-G3-840-06 [1]	5640	120	116	A++ [2]	10	1
VF800S-G3-865-06 [1]	5640	120	116	A++ [2]	10	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values
2) Applicable on smallest operable unit

Product features [1]
— Available with light color: Warm White, Cool White
— Luminous flux: up to 940 lm/m
— High color consistency: 4 SDCM
— Self-cooling
— Beam angle per module: 120°
— Dimmable with suitable OPTOTRONIC® control gears
— Type of protection: IP00

Product benefits
— Energy-saving low-power flexible LED strip
— Pre-wired LED strip, simple and quick plug-and-play installation
— Good light output due to homogeneous LED distance and high color consistency
— Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back
— Easy installation with optional track system
— Easy to cut and reconnect to the reliable SLIMCONNECT system

Areas of application
— Hospitality
— Signage
— Architecture lighting
— Cove lighting
— General illumination
— Wall integration
— Display cabinet lighting

Equipment/Accessories
— SLIMCONNECT system FLEX connector
— Optional track system
— ELEMENT LED drivers
— OPTOTRONIC® LED drivers

VALUE Flex® 1200S
LED modules for semi-professional applications
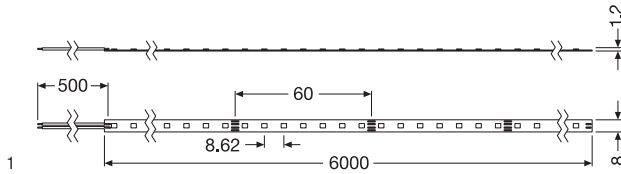
Product name	GTIN (EAN)	V	W/m	K		lm/m
VF1200S-G3-827-06 [1]	**4052899528796**	24	10	2700	White	1100
VF1200S-G3-830-06 [1]	**4052899528819**	24	10	3000	White	1150
VF1200S-G3-840-06 [1]	**4052899528833**	24	10	4000	White	1200
VF1200S-G3-865-06 [1]	**4052899528857**	24	10	6500	White	1200

Product name	lm	∠°	◎			No.
VF1200S-G3-827-06 [1]	6600	120	116	A+ [2]	10	1
VF1200S-G3-830-06 [1]	6900	120	116	A+ [2]	10	1
VF1200S-G3-840-06 [1]	7200	120	116	A+ [2]	10	1
VF1200S-G3-865-06 [1]	7200	120	116	A+ [2]	10	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values
2) Applicable on smallest operable unit

Product features [1]
— Available with light color: Warm White, Cool White
— Luminous flux: up to 1,200 lm/m
— High color consistency: 4 SDCM
— Self-cooling
— Beam angle per module: 120°
— Dimmable with suitable OPTOTRONIC® LED drivers
— Type of protection: IP00

Product benefits
— Energy-saving low-power flexible LED strip
— Pre-wired LED strip, simple and quick plug-and-play installation
— Good light output due to homogeneous LED distance and high color consistency
— Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back
— Easy installation with optional track system
— Easy to cut and reconnect to the reliable SLIMCONNECT system

Areas of application
— Hospitality
— Signage
— Architecture lighting
— Cove lighting
— General illumination
— Wall integration
— Display cabinet lighting

Equipment/Accessories
— SLIMCONNECT system FLEX connector
— Optional track system
— ELEMENT LED drivers
— OPTOTRONIC® LED drivers

VALUE Flex® 2400S
LED modules for semi-professional applications
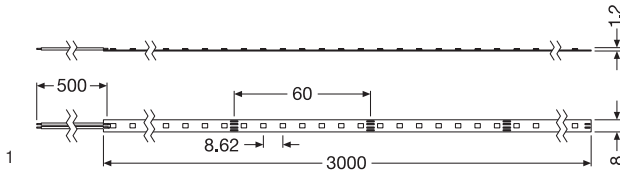
Product name	GTIN (EAN)	V	W/m	K		lm/m
VF2400S-G3-827-03 [1]	**4052899528871**	24	20	2700	White	2100
VF2400S-G3-830-03 [1]	**4052899528895**	24	20	3000	White	2200
VF2400S-G3-840-03 [1]	**4052899528918**	24	20	4000	White	2400
VF2400S-G3-865-03 [1]	**4052899528932**	24	20	6500	White	2400

Product name	lm	△°	METER			No.
VF2400S-G3-827-03 [1]	6300	120	116	A+ [2]	10	1
VF2400S-G3-830-03 [1]	6600	120	116	A+ [2]	10	1
VF2400S-G3-840-03 [1]	7200	120	116	A+ [2]	10	1
VF2400S-G3-865-03 [1]	7200	120	116	A+ [2]	10	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values
2) Applicable on smallest operable unit

Product features [1]
— Available with light color: Warm White, Cool White
— Luminous flux: up to 2,400 lm/m
— High color consistency: 4 SDCM
— Self-cooling
— Beam angle per module: 120°
— Dimmable with suitable OPTOTRONIC® LED drivers
— Type of protection: IP00

Product benefits
— Energy-saving low-power flexible LED strip
— Pre-wired LED strip, simple and quick plug-and-play installation
— Good light output due to homogeneous LED distance and high color consistency
— Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back
— Easy installation with optional track system
— Easy to cut and reconnect to the reliable SLIMCONNECT system

Areas of application
— Hospitality
— Signage
— Architecture lighting
— Cove lighting
— General illumination
— Wall integration
— Display cabinet lighting

Equipment/Accessories
— SLIMCONNECT system FLEX connector
— Optional track system
— ELEMENT LED drivers
— OPTOTRONIC® LED drivers

VALUE Flex® Protect 1500

Linear LED modules for flexible and individualized lighting solutions
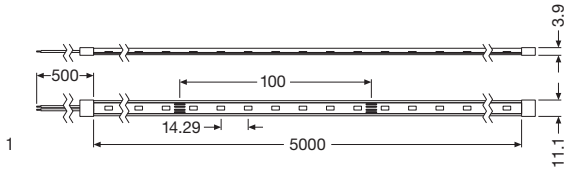
Product name	GTIN (EAN)	V	W/m	K		lm/m
VFP1500-G3-827-05 [1]	**4052899526372**	24	11.5	2700	White	1370
VFP1500-G3-830-05 [1]	**4052899526396**	24	11.5	3000	White	1445
VFP1500-G3-840-05 [1]	**4052899526419**	24	11.5	4000	White	1520
VFP1500-G3-865-05 [1]	**4052899526433**	24	11.5	6500	White	1520

Product name	lm	∠°	METER			No.
VFP1500-G3-827-05 [1]	6850	120	70	A+ [2]	10	1
VFP1500-G3-830-05 [1]	7225	120	70	A+ [2]	10	1
VFP1500-G3-840-05 [1]	7600	120	70	A+ [2]	10	1
VFP1500-G3-865-05 [1]	7600	120	70	A+ [2]	10	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values
2) Applicable on smallest operable unit

Product features [1]

— Available with light color: Warm White, Cool White
— Luminous flux: up to 1,520 lm/m
— IP66 protection
— High color consistency: 4 SDCM
— Beam angle per module: 120°
— Dimmable with suitable OPTOTRONIC® LED drivers

Product benefits

— Energy-saving low-power flexible LED strip
— Pre-wired LED strip, simple and quick plug-and-play installation
— Good light output due to homogeneous LED distance and high color consistency
— Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back
— Easy installation with optional track system
— Protection against the ingress of water according to IP66
— Multi-cuttable LED strip with SLIMCONNECT system G2

Areas of application

— Wet or damp areas
— General illumination
— Hospitality
— Display cabinet lighting
— Signage
— Architecture lighting
— Wall integration
— Suitable for outdoor use

Equipment/Accessories

— SLIMCONNECT system G2
— Optional track system
— ELEMENT LED drivers
— OPTOTRONIC® LED drivers

VALUE Flex® Protect 600
Linear LED modules for flexible and individualized lighting solutions
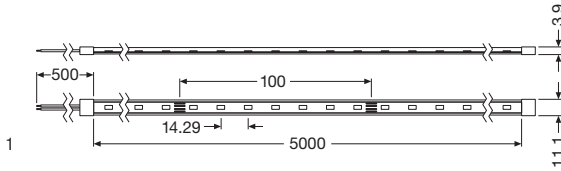
Product name	GTIN (EAN)	V	W/m	K		lm/m
VFP600-G3-827-05 [1]	**4052899526297**	24	4.6	2700	White	590
VFP600-G3-830-05 [1]	**4052899526310**	24	4.6	3000	White	620
VFP600-G3-840-05 [1]	**4052899526334**	24	4.6	4000	White	655
VFP600-G3-865-05 [1]	**4052899526358**	24	4.6	6500	White	655

Product name	lm	∠°	METER			No.
VFP600-G3-827-05 [1]	2950	120	70	A++ [2]	10	1
VFP600-G3-830-05 [1]	3100	120	70	A++ [2]	10	1
VFP600-G3-840-05 [1]	3275	120	70	A++ [2]	10	1
VFP600-G3-865-05 [1]	3275	120	70	A++ [2]	10	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values
2) Applicable on smallest operable unit

Product features [1]
— Available with light color: Warm White, Cool White
— Luminous flux: up to 655 lm/m
— IP66 protection
— High color consistency: 4 SDCM
— Beam angle per module: 120°
— Dimmable with suitable OPTOTRONIC® LED drivers

Product benefits
— Energy-saving low-power flexible LED strip
— Pre-wired LED strip, simple and quick plug-and-play installation
— Good light output due to homogeneous LED distance and high color consistency
— Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back
— Easy installation with optional track system
— Protection against the ingress of water according to IP66
— Multi-cuttable LED strip with SLIMCONNECT system G2

Areas of application
— Wet or damp areas
— Hospitality
— Display cabinet lighting
— Signage
— Architecture lighting
— Wall integration
— Suitable for outdoor use

Equipment/Accessories
— SLIMCONNECT system G2
— Optional track system
— ELEMENT LED drivers
— OPTOTRONIC® LED drivers

VALUE Flex® Protect 300
Linear LED modules for flexible and individualized lighting solutions
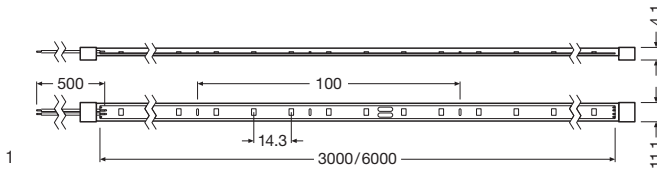
Product name	GTIN (EAN)	V	W/m	K		lm/m
VFP300-G3-827-03 [1]	**4052899528031**	24	2	2700	White	265
VFP300-G3-827-06 [1]	**4052899528116**	24	2	2700	White	265
VFP300-G3-830-03 [1]	**4052899528055**	24	2	3000	White	280
VFP300-G3-830-06 [1]	**4052899528130**	24	2	3000	White	280
VFP300-G3-840-03 [1]	**4052899528079**	24	2	4000	White	295
VFP300-G3-840-06 [1]	**4052899528154**	24	2	4000	White	295
VFP300-G3-865-03 [1]	**4052899528093**	24	2	6500	White	295
VFP300-G3-865-06 [1]	**4052899528178**	24	2	6500	White	295

Product name	lm	∕°\	METER			No.
VFP300-G3-827-03 [1]	795	120	70	A++ [2]	10	1
VFP300-G3-827-06 [1]	1590	120	70	A++ [2]	10	1
VFP300-G3-830-03 [1]	840	120	70	A++ [2]	10	1
VFP300-G3-830-06 [1]	1680	120	70	A++ [2]	10	1
VFP300-G3-840-03 [1]	885	120	70	A++ [2]	10	1
VFP300-G3-840-06 [1]	1770	120	70	A++ [2]	10	1
VFP300-G3-865-03 [1]	885	120	70	A++ [2]	10	1
VFP300-G3-865-06 [1]	1770	120	70	A++ [2]	10	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information,
see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values
2) Applicable on smallest operable unit

Product features[1]
— Available with light color: Warm White, Cool White
— Luminous flux: up to 300 lm/m
— IP66 protection
— Self-cooling
— High color consistency: 4 SDCM
— Beam angle per module: 120°
— Dimmable with suitable OPTOTRONIC® LED drivers

Product benefits
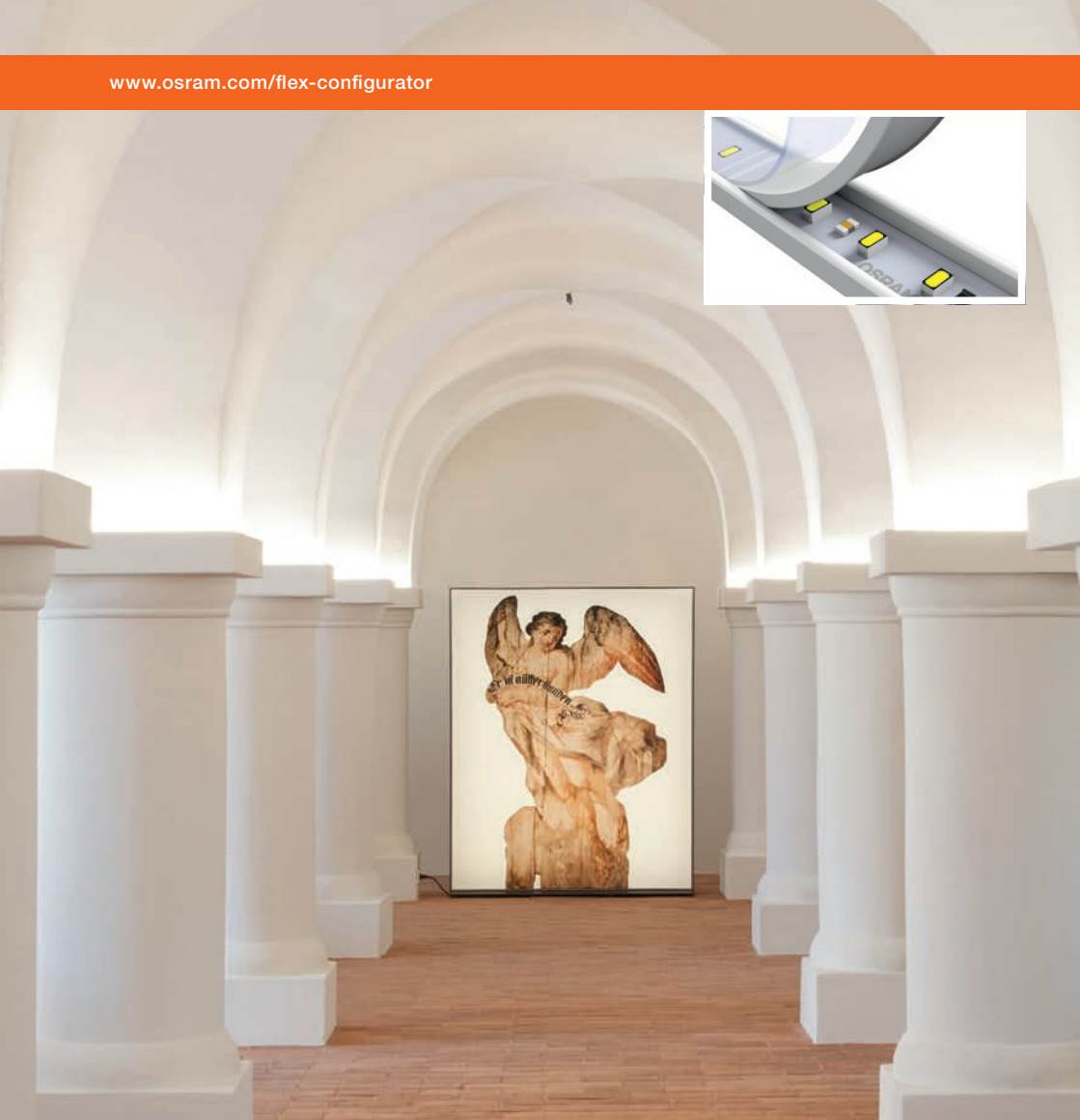— Energy-saving low-power flexible LED strip
— Pre-wired LED strip, simple and quick plug-and-play installation
— Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back

— Easy installation with optional track system
— Protection against the ingress of water according to IP66
— Multi-cuttable LED strip with SLIMCONNECT system G2

Areas of application
— Wet or damp areas
— Path lighting
— Wall integration
— Decorative lighting

Equipment/Accessories
— SLIMCONNECT system G2
— Optional track system
— ELEMENT LED drivers
— OPTOTRONIC® LED drivers

VALUE Flex® Protect 1000
Linear LED modules for flexible and individualized lighting solutions
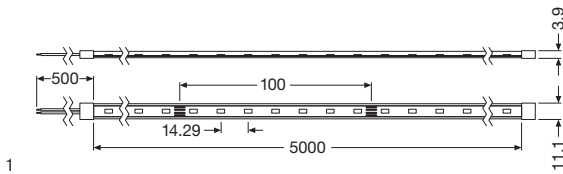
Product name	GTIN (EAN)	V	W/m	K		lm/m
VFP1000-G3-827-05 [1]	**4052899526211**	24	7.6	2700	White	850
VFP1000-G3-830-05 [1]	**4052899526235**	24	7.6	3000	White	900
VFP1000-G3-840-05 [1]	**4052899526259**	24	7.6	4000	White	950
VFP1000-G3-865-05 [1]	**4052899526273**	24	7.6	6500	White	950

Product name	lm	∠°	METER			No.
VFP1000-G3-827-05 [1]	4250	120	70	A+ [2]	10	1
VFP1000-G3-830-05 [1]	4500	120	70	A+ [2]	10	1
VFP1000-G3-840-05 [1]	4750	120	70	A+ [2]	10	1
VFP1000-G3-865-05 [1]	4750	120	70	A+ [2]	10	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information,
see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for
the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical
values
2) Applicable on smallest operable unit

Product features[1]
— Available with light color: Warm White, Cool White
— Luminous flux: up to 950 lm/m
— IP66 protection
— High color consistency: 4 SDCM
— Beam angle per module: 120°
— Dimmable with suitable OPTOTRONIC® LED drivers

Product benefits
— Energy-saving low-power flexible LED strip
— Pre-wired LED strip, simple and quick plug-and-play installation
— Good light output due to homogeneous LED distance and high color consistency
— Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back
— Easy installation with optional track system
— Protection against the ingress of water according to IP66
— Multi-cuttable LED strip with SLIMCONNECT system G2

Areas of application
— Wet or damp areas
— General illumination
— Hospitality
— Display cabinet lighting
— Signage
— Architecture lighting
— Wall integration
— Suitable for outdoor use

Equipment/Accessories
— SLIMCONNECT system G2
— Optional track system
— ELEMENT LED drivers
— OPTOTRONIC® LED drivers

VALUE Flex® Protect 2000
Linear LED modules for flexible and individualized lighting solutions

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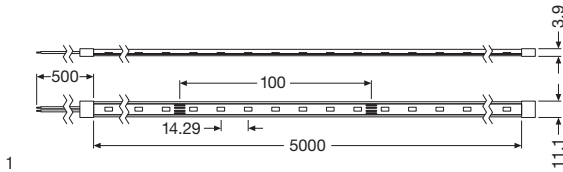
Product name	GTIN (EAN)	V	W/m	K		lm/m
VFP2000-G3-827-05 [1]	**4052899528468**	24	14.4	2700	White	1600
VFP2000-G3-830-05 [1]	**4052899528482**	24	14.4	3000	White	1700
VFP2000-G3-840-05 [1]	**4052899528505**	24	14.4	4000	White	1800
VFP2000-G3-865-05 [1]	**4052899528529**	24	14.4	6500	White	1800

Product name	lm	△°	METER			No.
VFP2000-G3-827-05 [1]	8000	120	70	A+ [2]	10	1
VFP2000-G3-830-05 [1]	8500	120	70	A+ [2]	10	1
VFP2000-G3-840-05 [1]	9000	120	70	A+ [2]	10	1
VFP2000-G3-865-05 [1]	9000	120	70	A+ [2]	10	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values
2) Applicable on smallest operable unit

Product features[1]
— Available with light color: Warm White, Cool White
— Luminous flux: up to 1,800 lm/m
— IP66 protection
— High color consistency: 4 SDCM
— Beam angle per module: 120°
— Dimmable with suitable OPTOTRONIC® LED drivers

Product benefits
— Energy-saving low-power flexible LED strip
— Pre-wired LED strip, simple and quick plug-and-play installation
— Good light output due to homogeneous LED distance and high color consistency
— Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back
— Easy installation with optional track system
— Protection against the ingress of water according to IP66
— Multi-cuttable LED strip with SLIMCONNECT system G2

Areas of application
— Wet or damp areas
— General illumination
— Hospitality
— Display cabinet lighting
— Signage
— Architecture lighting
— Wall integration
— Suitable for outdoor use

Equipment/Accessories
— SLIMCONNECT system G2
— Optional track system
— ELEMENT LED drivers
— OPTOTRONIC® LED drivers

VALUE Flex® Protect 800S
Linear LED modules for flexible and individualized lighting solutions
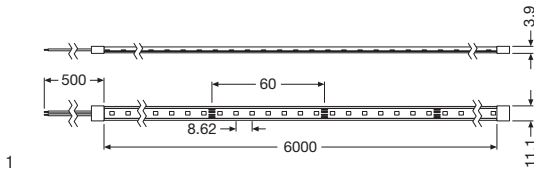
Product name	GTIN (EAN)	V	W/m	K		lm/m
VFP800S-G3-827-06 [1]	**4052899526457**	24	6.4	2700	White	805
VFP800S-G3-830-06 [1]	**4052899526471**	24	6.4	3000	White	850
VFP800S-G3-840-06 [1]	**4052899526495**	24	6.4	4000	White	890
VFP800S-G3-865-06 [1]	**4052899526518**	24	6.4	6500	White	890

Product name	lm	°△	METER			No.
VFP800S-G3-827-06 [1]	4830	120	116	A++ [2]	10	1
VFP800S-G3-830-06 [1]	5100	120	116	A++ [2]	10	1
VFP800S-G3-840-06 [1]	5340	120	116	A++ [2]	10	1
VFP800S-G3-865-06 [1]	5340	120	116	A++ [2]	10	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values
2) Applicable on smallest operable unit

Product features [1]
— Available with light color: Warm White, Cool White
— Luminous flux: up to 890 lm/m
— IP66 protection
— High color consistency: 4 SDCM
— Beam angle per module: 120°
— Dimmable with suitable OPTOTRONIC® LED drivers

Product benefits
— Energy-saving low-power flexible LED strip
— Pre-wired LED strip, simple and quick plug-and-play installation
— Good light output due to homogeneous LED distance and high color consistency
— Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back
— Easy installation with optional track system
— Protection against the ingress of water according to IP66
— Multi-cuttable LED strip with SLIMCONNECT system G2

Areas of application
— Wet or damp areas
— General illumination
— Hospitality
— Display cabinet lighting
— Signage
— Architecture lighting
— Wall integration
— Suitable for outdoor use

Equipment/Accessories
— SLIMCONNECT system G2
— Optional track system
— ELEMENT LED drivers
— OPTOTRONIC® LED drivers

VALUE Flex® Protect 1200S
Linear LED modules for flexible and individualized lighting solutions

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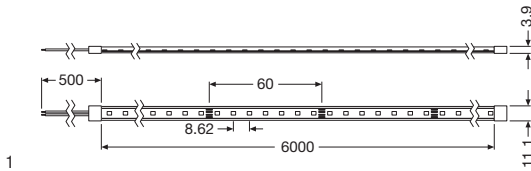
Product name	GTIN (EAN)	V	W/m	K		lm/m
VFP1200S-G3-827-06 [1]	**4052899528383**	24	10	2700	White	1100
VFP1200S-G3-830-06 [1]	**4052899528406**	24	10	3000	White	1150
VFP1200S-G3-840-06 [1]	**4052899528420**	24	10	4000	White	1200
VFP1200S-G3-865-06 [1]	**4052899528444**	24	10	6500	White	1200

Product name	lm	△°	METER			No.
VFP1200S-G3-827-06 [1]	6600	120	116	A+ [2]	10	1
VFP1200S-G3-830-06 [1]	6900	120	116	A+ [2]	10	1
VFP1200S-G3-840-06 [1]	7200	120	116	A+ [2]	10	1
VFP1200S-G3-865-06 [1]	7200	120	116	A+ [2]	10	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values
2) Applicable on smallest operable unit

Product features [1]
— Available with light color: Warm White, Cool White
— Luminous flux: up to 1,200 lm/m
— IP66 protection
— High color consistency: 4 SDCM
— Beam angle per module: 120°
— Dimmable with suitable OPTOTRONIC® LED drivers

Product benefits
— Energy-saving low-power flexible LED strip
— Pre-wired LED strip, simple and quick plug-and-play installation
— Good light output due to homogeneous LED distance and high color consistency
— Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back
— Easy installation with optional track system
— Protection against the ingress of water according to IP66
— Multi-cuttable LED strip with SLIMCONNECT system G2

Areas of application
— Wet or damp areas
— General illumination
— Hospitality
— Display cabinet lighting
— Signage
— Architecture lighting
— Wall integration
— Suitable for outdoor use

Equipment/Accessories
— SLIMCONNECT system G2
— Optional track system
— ELEMENT LED drivers
— OPTOTRONIC® LED drivers

VALUE Flex® Protect 2400S
Linear LED modules for flexible and individualized lighting solutions
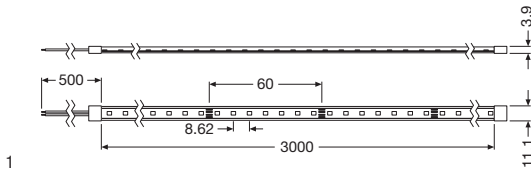
Product name	GTIN (EAN)	V	W/m	K		lm/m
VFP2400S-G3-827-03 [1]	**4052899528543**	24	20	2700	White	2100
VFP2400S-G3-830-03 [1]	**4052899528567**	24	20	3000	White	2200
VFP2400S-G3-840-03 [1]	**4052899528581**	24	20	4000	White	2300
VFP2400S-G3-865-03 [1]	**4052899528604**	24	20	6500	White	2300

Product name	lm	∧°	METER			No.
VFP2400S-G3-827-03 [1]	6300	120	116	A+ [2]	10	1
VFP2400S-G3-830-03 [1]	6600	120	116	A+ [2]	10	1
VFP2400S-G3-840-03 [1]	6900	120	116	A+ [2]	10	1
VFP2400S-G3-865-03 [1]	6900	120	116	A+ [2]	10	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values
2) Applicable on smallest operable unit

Product features [1]
— Available with light color: Warm White, Cool White
— Luminous flux: up to 2,300 lm/m
— IP66 protection
— High color consistency: 4 SDCM
— Beam angle per module: 120°
— Dimmable with suitable OPTOTRONIC® LED drivers

Product benefits
— Energy-saving low-power flexible LED strip
— Pre-wired LED strip, simple and quick plug-and-play installation
— Good light output due to homogeneous LED distance and high color consistency
— Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back
— Easy installation with optional track system
— Protection against the ingress of water according to IP66
— Multi-cuttable LED strip with SLIMCONNECT system G2

Areas of application
— Wet or damp areas
— General illumination
— Hospitality
— Display cabinet lighting
— Signage
— Architecture lighting
— Wall integration
— Suitable for outdoor use

Equipment/Accessories
— SLIMCONNECT system G2
— Optional track system
— ELEMENT LED drivers
— OPTOTRONIC® LED drivers

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Build your Flex project with our **Flex Configurator tool**. Create your own system –
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Accessories for flexible LED strips – Summary of portfolio

LINEARlight FLEX® & VALUE Flex® compatibility connectors

PRODUCT FAMILIES		CONNECTING SYSTEMS	
LINEARlight FLEX® ShortPitch LINEARlight FLEX® POWER LINEARlight FLEX® POWER Shop White LINEARlight FLEX® POWER Meat White LINEARlight FLEX® POWER Veggie White	+	FX-SC08-G2-CT2PF-0500 (2pin power feeder)	4052899464735
		FX-SC08-G2-CT2PF-1000 (2pin power feeder)	4052899464766
		FX-SC08-G2-CT4PJ (4pin Jumper)	4052899464858
		FX-SC08-G1-FW4P-LIN-0030 (extension wire 30 mm)	4008321875587
		FX-SC08-G1-FW4P-LIN-0150 (extension wire 150 mm)	4008321875563
		FX-SC08-G1-FW4P-LIN-0300 (extension wire 300 mm)	4052899469259
LINEARlight FLEX® ADVANCED LINEARlight FLEX® Monochrome	+	FX-SC08-G2-CT2PF-0500 (2pin power feeder)	4052899464735
		FX-SC08-G2-CT2PF-1000 (2pin power feeder)	4052899464766
		FX-SC08-G2-CT4PJ (4pin Jumper)	4052899464858
		FX-SC08-G1-FW4P-LIN-0030 (extension wire 30 mm)	4008321875587
		FX-SC08-G1-FW4P-LIN-0150 (extension wire 150 mm)	4008321875563
		FX-SC08-G1-FW4P-LIN-0300 (extension wire 300 mm)	4052899469259
	+	LF-2PIN FLEX (2pin power feeder)	4008321955326
		LF-CONN-10 FLEX (bridge 10 mm)	4008321955333
		LF-CONN-150 FLEX (bridge 150 mm)	4008321955340
		LF-2TERM FLEX (2pin terminal)	4008321955357
VALUE Flex® G3	+	FX-SC08-G2-CT2PF-0500 (2pin power feeder)	4052899464735
		FX-SC08-G2-CT2PF-1000 (2pin power feeder)	4052899464766
		FX-SC08-G2-CT4PJ (4pin Jumper)	4052899464858
LINEARlight FLEX® Tunable White LINEARlight FLEX® Tunable Warm White	+	FX-SC08-G2-CT4PJ (4pin Jumper)	4052899464858
		FX-SC08-G2-CT3PF-0500HF (3pin power feeder)	4052899482999
		FX-SC08-G2-CT3PFE-0500HF (3pin power feeder)	4052899483026
		FX-SC08-G1-FW4P-LIN-0030 (extension wire 30 mm)	4008321875587
		FX-SC08-G1-FW4P-LIN-0150 (extension wire 150 mm)	4008321875563
		FX-SC08-G1-FW4P-LIN-0300 (extension wire 300 mm)	4052899469259
LINEARlight Colormix Flex (LF05CA2)	+	FX-SC08-G2-CT4PF-0500 (4pin power feeder)	4052899464797
		FX-SC08-G2-CT4PF-1000 (4pin power feeder)	4052899464827
		FX-SC08-G1-FW4P-LIN-0030 (extension wire 30 mm)	4008321875587
		FX-SC08-G1-FW4P-LIN-0150 (extension wire 150 mm)	4008321875563
		FX-SC08-G1-FW4P-LIN-0300 (extension wire 300 mm)	4052899469259
LINEARlight Colormix Flex (LF05CE)	+	LF-4PIN FLEX (4pin power feeder)	4008321514585
		LF-CONN-10 FLEX (bridge 10 mm)	4008321955333
		LF-CONN-150 FLEX (bridge 150 mm)	4008321955340

LINEARlight FLEX® Protect & VALUE Flex® Protect

PRODUCT FAMILIES		CONNECTING SYSTEMS	
LINEARlight FLEX® Protect POWER LINEARlight FLEX® Protect ShortPitch LINEARlight FLEX® Protect ADVANCED LINEARlight FLEX® Protect ECO	**+**	LF-ENDCAP IP67 LP (end cap IP67 LP)	4052899902565
		LF-2CONN IP67 LP (2pin jumper IP67 LP)	4052899125735
		LF-2PIN IP67 LP (2pin power feeder IP67 LP)	4052899125711
VALUE Flex® Protect G3	**+**	FX-SC08-G2-C2PF-IP54-0500 (2pin power feeder with IP54 boot)	4052899464889
		FX-SC08-G2-CT4PJ (4pin Jumper)	4052899464858
		FX-SC08-G2-BTJ-IP54 (IP54 silicone boot for jumper)	4052899568853
LINEARlight FLEX® Protect ADVANCED Monochrome LINEARlight FLEX® Protect Monochrome	**+**	LF-ENDCAP-PROTECT (end cap IP67)	4008321977106
		LF-CLIP FIXTURE PROTECT (mounting clip IP67)	4008321644749
		LF-2PIN-PROTECT (2pin power feeder IP67)	4008321977069
		LF-2CONN-PROTECT (2pin jumper IP67)	4008321977083
LINEARlight Colormix Flex Protect	**+**	LF-ENDCAP-PROTECT (end cap IP67)	4008321977106
		LF-CLIP FIXTURE PROTECT (mounting clip IP67)	4008321644749
		LF-4PIN PROTECT (4pin power feeder IP67)	4008321977076
		LF-2CONN-PROTECT (2pin jumper IP67)	4008321977083
		LF-4CONN-PROTECT (4pin jumper IP67)	4008321977090

Accessories for flexible LED modules

1   2   3   4

5   6   7   8

SLIM TRACK System

Product name	GTIN (EAN)	h [mm]	l [mm]	b [mm]		No.
LF-LTS-2100	**4008321978981**	9	2100	15	40	1
LF-LTS-MB	**4008321979025**	4	35	16	280	2
LF-LTS-COVER-CLEAR	**4008321790187**	5	2100	18	40	3
LF-LTS-COVER-SHORTPITCH	**4008321790200**	10	2100	18	40	4
LF-LTS-COVER-DIFF	**4008321979001**	24	2100	18	40	5
LF-LTS-ENDCAP	**4052899387591**	8	20	20	160	6

VALUE TRACK System

Product name	GTIN (EAN)	h [mm]	l [mm]	b [mm]		No.
VF-TR1000	**4008321867636**	8	1000	23	20	7
VI-TR1000	**4008321893789**	2.5	1000	12	20	8

Accessories for flexible LED strips

1   2   3   4

5   6   7   8
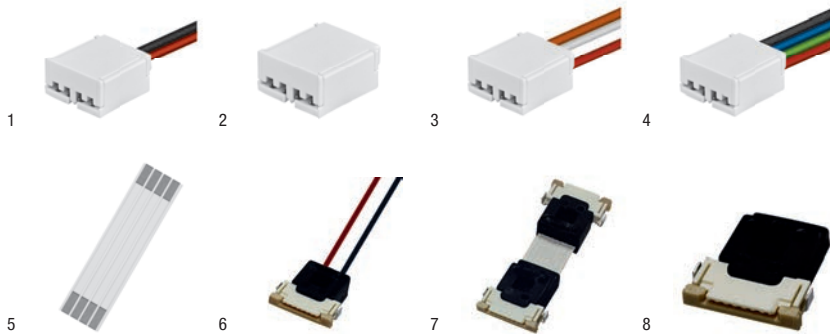
SLIMCONNECT system G2

Product name	GTIN (EAN)	h [mm]	l [mm]	b [mm]	🗃	💡 No.
FX-SC08-G2-CT2PF-0500 (2pin)	**4052899464735**	5.9	510	9.2	280	1
FX-SC08-G2-CT2PF-1000 (2pin)	**4052899464766**	5.9	1010	9.2	280	1
FX-SC08-G2-CT4PJ (Jumper)	**4052899464858**	5.9	9	9.2	1250	2
FX-SC08-G2-CT3PF-0500HF (3pin)	**4052899482999**	5.9	510	9.2	280	3
FX-SC08-G2-CT3PFE-0500HF (3pin)	**4052899483026**	5.9	510	9.2	280	3
FX-SC08-G2-CT4PF-0500 (4pin)	**4052899464797**	5.9	510	9.2	280	4
FX-SC08-G2-CT4PF-1000 (4pin)	**4052899464827**	5.9	1010	9.2	280	4
FX-SC08-G1-FW4P-LIN-0030 (extension)	**4008321875587**	-	30	8	10000	5
FX-SC08-G1-FW4P-LIN-0150 (extension)	**4008321875563**	-	150	8	5000	5
FX-SC08-G1-FW4P-LIN-0300 (extension)	**4052899469259**	-	300	8	15000	5

SLIMCONNECT system Flex

Product name	GTIN (EAN)	h [mm]	l [mm]	b [mm]	🗃	💡 No.
LF-2PIN FLEX	**4008321955326**	5.3	510	16.4	100	6
LF-4PIN FLEX	**4008321514585**	5.3	510	16.4	100	-
LF-CONN-10 FLEX	**4008321955333**	5.3	36.5	16.4	200	7
LF-CONN-150 FLEX	**4008321955340**	5.3	176.5	16.4	100	7
LF-2TERM FLEX	**4008321955357**	5.3	16.2	16.4	200	8

Accessories for flexible LED strips

1   2   3

4   5   6
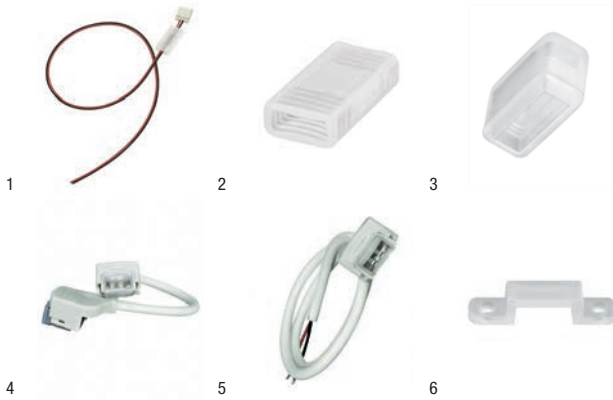
SLIMCONNECT system G2 IP54

Product name	GTIN (EAN)	h [mm]	l [mm]	b [mm]		No.
FX-SC08-G2-C2PF-IP54-0500 (2pin with IP54 boot)	4052899464889	8.2	510	15.7	280	1
FX-SC08-G2-BTJ-IP54 (IP54 boot)	4052899568853	8.2	30	15.7	1250	2

CONNECTsystem FLEX IP67 LP (low profile)

Product name	GTIN (EAN)	h [mm]	l [mm]	b [mm]		No.
LF-ENDCAP IP67 LP	4052899902565	7	13.7	10	100	3
LF-2CONN IP67 LP	4052899125735	13.5	30	21	50	4
LF-2PIN IP67 LP	4052899125711	13.5	510	21	50	5

CONNECTsystem IP67

Product name	GTIN (EAN)	h [mm]	l [mm]	b [mm]		No.
LF-ENDCAP-PROTECT	4008321977106	8	13.7	10	100	3
LF-CLIP FIXTURE PROTECT	4008321644749	5.7	27	6	500	6
LF-2PIN-PROTECT	4008321977069	13.5	510	21	50	5
LF-4PIN PROTECT	4008321977076	13.5	510	21	50	5
LF-2CONN-PROTECT	4008321977083	13.5	30	21	50	4
LF-4CONN-PROTECT	4008321977090	13.5	30	21	50	4

Accessories for LINEARlight FLEX® DIFFUSE

1 2 3 4 5 6

7 8 9 10 11 12
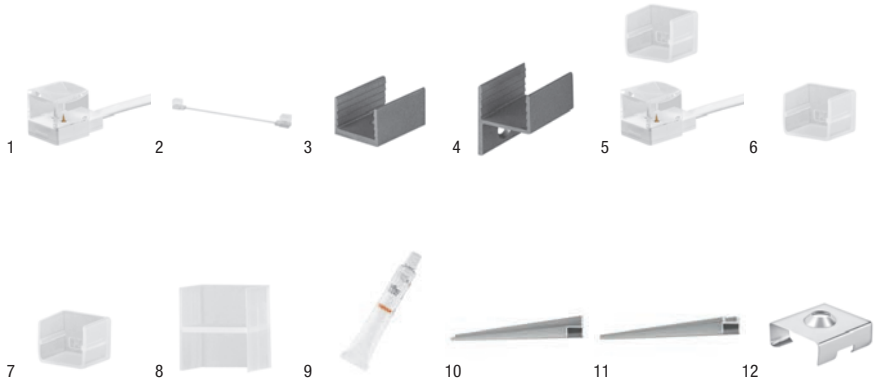
Accessories for top bending

Product name	GTIN (EAN)	h [mm]	l [mm]	b [mm]	📦	No.
FX-DCS-G1-CM2PF-IP67-500-X5	4052899451971	30	260	150	10	1
FX-DCS-G1-CM2PJ-IP67-0190-X5	4052899452039	30	260	150	10	2
FX-LFDM-G1-BT-17H11	4052899452480	20	11	16.5	400	3
FX-LFDM-G1-BTL-17H11E9	4052899452510	20	19	16.5	400	4
FX-DCS-G1-CM2PF-IP67-TOPKIT5	4052899451995	30	260	150	10	5
FX-DCS-G1-CM2PJ-IP67-TOPKIT5	4052899452053	30	260	150	10	6
FX-DCS-G1-ECT-KIT20	4052899452107	30	100	100	10	7
FX-DCS-G1-EHT-KIT20	4052899452176	30	100	100	10	8
FX-DCS-G1-GL-25	4052899452244	30	100	150	20	9
FX-LFDM-G1-TTL-16H11W10-200 4X5	4052899544963	20.5	2000	16.2	20	10
FX-LFDM-G1-TT-16H16-200 4X5	4052899544949	15.5	2000	16.2	20	11
FX-QMS-G1-BMZI-DIV1	4052899446861	9.5	20	20	400	12

Accessories for LINEARlight FLEX® DIFFUSE

1   2   3   4   5   6

7   8   9   10   11
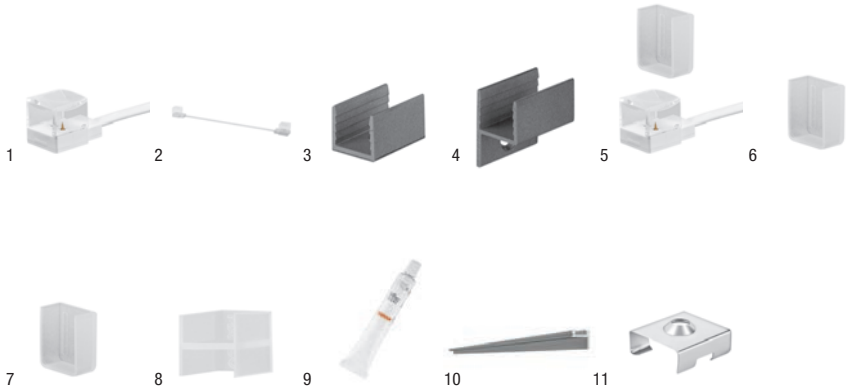
Accessories for side bending

Product name	GTIN (EAN)	h [mm]	l [mm]	b [mm]	📦	💡 No.
FX-DCS-G1-CM2PF-IP67-500-X5	**4052899451971**	30	260	150	10	1
FX-DCS-G1-CM2PJ-IP67-0190-X5	**4052899452039**	30	260	150	10	2
FX-LFDM-G1-BS-12H13	**4052899452541**	20	11.5	13	400	3
FX-LFDM-G1-BSL-12H13E9	**4052899452572**	20	20	13	400	4
FX-DCS-G1-CM2PF-IP67-SIDEKIT5	**4052899452015**	30	260	150	10	5
FX-DCS-G1-CM2PJ-IP67-SIDEKIT5	**4052899452077**	30	260	150	10	6
FX-DCS-G1-ECS-KIT20	**4052899452121**	30	100	100	10	7
FX-DCS-G1-EHS-KIT20	**4052899452206**	30	100	100	10	8
FX-DCS-G1-GL-25	**4052899452244**	30	100	150	20	9
FX-LFDM-G1-TS-16H16-200	**4052899544925**	16.5	2000	16.2	20	10
FX-QMS-G1-BMZI-DIV1	**4052899446861**	9.5	20	20	400	11

Complete every project
with our Flexessories® range

Cover a wide range of applications with Flexessories®

Create tailored solutions with LINEARlight FLEX® LED modules for a great variety of different applications. Four different track systems (slim track, handrail track, wide track and edge lighting track) and further Flexessories® allow you to make your flexible LED solution complete and create a unique system that exactly meets your needs.

Do you know the OSRAM system guarantee?

We recommend always to use LED strips in combination with OSRAM OPTOTRONIC® constant-voltage LED drivers. With this system, we offer an extended system guarantee.

Guarantee conditions and details:
www.osram.com/system-guarantee
Dedicated Flex products website:
www.osram.com/flex

Flexessories®

	Edge lighting track
Aluminum track	for glass 8–10 mm thickness 5 **4052899448759**
Cover	
End cap	6 **4052899450080**
Mounting bracket	
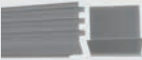
Edge lighting track system for glass

Description	Product name	GTIN (EAN)	h [mm]	l [mm]	b [mm]		No.
Track for edge lighting	FX-QME-G1-T810G12H25-300	**4052899448759**	12.4	3000	25	4	5
End cap for track	FX-QME-G1-EXGP-T810G12H25	**4052899450080**	8.5	25	10	400	6

Flexessories®

Slim track[1]			
Aluminum track			
standard 1 **4052899448865**	3 mm wing 2 **4052899448889**	12 mm height 3 **4052899448964**	12 mm height 3 mm wing 4 **4052899448988**
Cover			
frosted matte 8 **4052899446991**	frosted matte 8 **4052899446991**	frosted matte 8 **4052899446991**	frosted matte 8 **4052899446991**
		lens transparent 9 **4052899447783**	
End cap			
10 **4052899449107**	11 **4052899449138**	12 **4052899449183**	13 **4052899449817**
Mounting bracket			
16 **4052899446861**		16 **4052899446861**	

1) For confined spaces

Slim track system

Description	Product name	GTIN (EAN)	h [mm]	l [mm]	b [mm]	📦	💡 No.
Slim track standard	FX-QMS-G1-TU15H6-300	**4052899448865**	6	3000	15.2	40	1
Slim track 3 mm wing	FX-QMS-G1-TU15H6W3-300	**4052899448889**	6	3000	22	40	2
Slim track 12 mm height	FX-QMS-G1-TU16H12-300	**4052899448964**	12	3000	16	20	3
Slim track 12 mm height 3 mm wing	FX-QMS-G1-TU16H12W3-300	**4052899448988**	12	3000	22	20	4
Slim track round	FX-QMS-G1-TR19H16-300	**4052899449008**	15.8	3000	18.5	20	5
Slim track adjustable light angle	FX-QMS-G1-TU16H12LS-300	**4052899449046**	12	3000	16	20	6
Slim track corner 45°	FX-QMS-G1-T45D19H19-300	**4052899448667**	19	3000	19	4	7
Slim track cover frosted matte	FX-QMS-G1-CFDB-300	**4052899446991**	4	3000	11	40	8
Slim track lens cover transparent	FX-QMS-G1-CLT-300	**4052899447783**	8	3000	16	40	9

Flexessories®

Slim track[1]		
round **4052899449008**	adjustable light angle **4052899449046**	corner 45° **4052899448667**
5	6	7
frosted matte **4052899446991**	frosted matte **4052899446991**	frosted matte **4052899446991**
8	8	8
	lens transparent **4052899447783**	
	9	
	12 **4052899449183**	14 **4052899450028**
	15 **4052899449879**	
16 **4052899446861**	16 **4052899446861**	17 **4052899446960**

1) For confined spaces
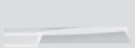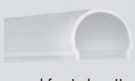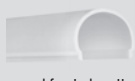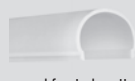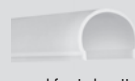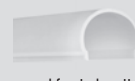
Slim track system

Description	Product name	GTIN (EAN)	h [mm]	l [mm]	b [mm]		No.
End cap for slim track standard	FX-QMS-G1-EFGP-TU15H6	**4052899449107**	6	15	9.5	400	10
End cap for slim track 3 mm wing	FX-QMS-G1-EFGP-TU15H6W3	**4052899449138**	6	22	19	400	11
End cap for slim track 12 mm height 3 mm wing	FX-QMS-G1-EFGP-TU16H12W3	**4052899449817**	12	22	19	400	13
End cap for slim track 12 mm height	FX-QMS-G1-EFGP-TU16H12LS	**4052899449183**	12	16	9.5	400	12
End cap for transparent lens cover	FX-QMS-G1-ELGP-TU16H12LS	**4052899449879**	9	16	18	400	15
End cap for slim track corner 45°	FX-QMS-G1-EFGP-T45D19H19	**4052899450028**	10	26	17.5	400	14
Mounting bracket	FX-QMS-G1-BMZI-DIV1	**4052899446861**	9.5	17	20	400	16
Mounting bracket for slim track corner 45°	FX-QMS-G1-BMZI-T45D19H19	**4052899446960**	9.5	20	20	400	17

Flexessories®

Wide track[1]				
Aluminum track				
corner 30° 1 **4052899448827**	5 mm wing 2 **4052899448773**	8 mm height 3 **4052899448643**	2 mm wing 4 **4052899448841**	25 mm height 5 **4052899448803**
Cover				
flat frosted 6 **4052899447806**	flat frosted 6 **4052899447806**		flat frosted 6 **4052899447806**	flat frosted 6 **4052899447806**
round frosted matte 7 **4052899447035**	round frosted matte 7 **4052899447035**	round frosted matte 7 **4052899447035**	round frosted matte 7 **4052899447035**	round frosted matte 7 **4052899447035**
End cap				
for left side corner 9 **4052899450059**	10 **4052899450134**	11 **4052899450271**	12 **4052899450219**	13 **4052899450240**
for right side corner 14 **4052899449909**				
Clip				
15 **4052899446731**		15 **4052899446731**	15 **4052899446731**	15 **4052899446731**
Mounting profile				
		8 **4052899449060**	8 **4052899449060**	8 **4052899449060**
End cap for mounting profile				
		16 **4052899450165**	16 **4052899450165**	16 **4052899450165**
Springs for grooves				
	17 **4052899446786**	18 **4052899446830**		18 **4052899446830**

1) For the use of two modules

Flexessories®

Wide track system

Description	Product name	GTIN (EAN)	↕ h [mm]	l [mm]	b [mm]	📦	💡 No.
Wide track corner 30°	FX-QMW-G1-TK30D46H27-300	4052899448827	26.7	3000	45.6	10	1
Wide track 5 mm wing	FX-QMW-G1-TU26H25W10-300	4052899448773	24	3000	46	4	2
Wide track 8 mm height	FX-QMW-G1-TU26H8-300	4052899448643	7.5	3000	26	20	3
Wide track 2 mm wing	FX-QMW-G1-TU26H25W2-300	4052899448841	25	3000	30	20	4
Wide track 25 mm height	FX-QMW-G1-TU26H25-300	4052899448803	24.5	3000	26	20	5
Wide track cover flat frosted	FX-QMW-G1-CFDB-300	4052899447806	4	3000	11	40	6
Wide track cover round frosted matte	FX-QMW-G1-CRD-300	4052899447035	20	3000	24	40	7
Mounting profile	FX-QMW-G1-P125C30-DIV1-300	4052899449060	28.5	3000	66	4	8
End cap for wide track corner 30° left side corner	FX-QMW-G1-EFGP-L-TK-30D46H27	4052899450059	8	45.6	26.7	400	9
End cap for wide track corner 30° right side corner	FX-QMW-G1-EFGP-R-TK-30D46H27	4052899449909	8	45.6	26.7	400	14
End cap for wide track 8 mm height	FX-QMW-G1-ERGP-TU26H8	4052899450271	12	26	25	400	11
End cap for wide track 5 mm wing	FX-QMW-G1-EFGP-TU26H25W10	4052899450134	16.5	46	24.5	400	10
End cap for wide track 2 mm wing	FX-QMW-G1-EFGP-TU26H25W2	4052899450219	12	30	24.5	400	12
End cap for wide track 25 mm height	FX-QMW-G1-EFGP-TU26H25	4052899450240	9.5	26	24.5	400	13
Mounting clip	FX-QMW-G1-XCLPL1-DIV1	4052899446731	6	9	6	400	15
End cap for mounting profile	FX-QMW-G1-EFGP-PC30	4052899450165	8.5	30	28.5	400	16
Spring for wide track 5 mm wing	FX-QMW-G1-SRME-DIV1	4052899446786	11	50	40	400	17
Spring for wide track 8 mm and 25 mm height	FX-QMW-G1-SMME-DIV1	4052899446830	14	66	33	400	18

LED modules for light advertising and backlighting – Summary of portfolio

LED modules for illuminated signage and backlighting

LED modules are becoming ever more popular for the backlighting of buildings, for example for illuminated signage. The advantages are obvious. Compared to traditional lighting solutions using neon or T5/T8 fluorescent lamps, LED modules have longer lifespans and thus less service intervals. Significant energy costs can be saved thanks to higher efficiency levels. With LEDs as point light sources combined with optics designed specifically for the application, highly homogeneous backlighting is achieved, offering a new level of design freedom. Colored LED modules can also be integrated into the application to positively intensify perception of the backlight object or building.

With an efficient complete system, OSRAM is setting standards in modern illuminated advertising. The range of services includes:

— BackLED® and BoxLED® modules with robust designs including high IP protection
— Wide range of module sizes: XS, S, M, L, XL and DS (double-sided)
— Wide range of colors: 3,000 K, 4,000 K, 6,500 K, red, green, blue, RGBW and TW (Tunable White from 2,700 K to 6,500 K)
— Homogeneous illumination and backlighting using OSRAM Flat Ray or Square Lens technology
— Mounting profiles for simple and rapid installation

LED deSIGNer
The LED deSIGNer is an online planning tool that allows you to calculate the required number of components. The new software leads you step-by-step to an optimal system of LED modules, LED drivers and accessories. You can then use the evaluations for your customer propositions. Calculate with us: www.osram.com/led-designer.
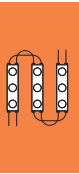
BackLED® S Plus G15
LED modules for light advertising and backlighting
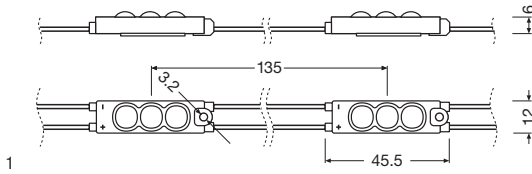
Product name	GTIN (EAN)	V	W CHAIN	W MODULE	λ		lm CHAIN
BA-S-PL BL D [1]	4052899300675	12	16.90	0.38	466	Blue	255
BA-S-PL GN D [1]	4052899300651	12	16.90	0.38	523	Green	1110
BA-S-PL RD D [1]	4052899300637	12	33.80	0.38	625	Red	1215

Product name	lm MODULE	°		Modules/Chain			No.
BA-S-PL BL D [1]	5.7	155	3	45	B	5	1
BA-S-PL GN D [1]	24.7	155	3	45	A+	5	1
BA-S-PL RD D [1]	13.5	155	3	90	B	5	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values

5 Year
OSRAM Guarantee*

Square-Ray Technology

Product features[1]
— Connected with flexible cables
— Type of protection (modules): IP66
— Color rendering index R_a: > 80
— CE marked and UL listed

Product benefits
— Uniform illumination at high LED pitches thanks to Square Lens technology
— Modules are compatible with BackLED® mounting profile
— Significantly better application efficiency compared to systems without lenses
— Several options for quick and simple mounting: bolting or snap-in
— Excellent module efficacy
— Very long lifetime
— 5-year guarantee

Areas of application
— Signage and illuminated advertising
— Backlighting of small and/or flat channel letters
— Backlighting of single and double-sided light boxes
— Permanent outdoor use in enclosed light boxes or channel letters
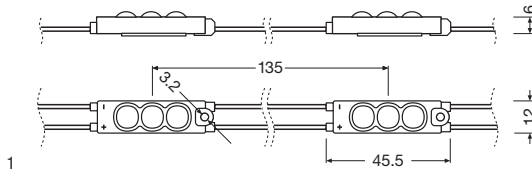
Equipment/Accessories
— BackLED® mounting profile BA-SM-MP
— Several types of OPTOTRONIC® 12 V power supplies available

References/Links
For more information on the multi-level guarantee and the terms and conditions of the guarantee, visit www.osram.com/system-guarantee

BackLED® S Plus G3
LED modules for light advertising and backlighting

135

6

3.2

12

45.5

1

5 Year OSRAM Guarantee*	Product name	GTIN (EAN)	V	W CHAIN	W MODULE	K		lm CHAIN
	BA-S-PL 830 G3 [1]	4052899504592	12	30	0.33	3000	White	3330
	BA-S-PL 840 G3 [1]	4052899504615	12	30	0.33	4000	White	3510
	BA-S-PL 865 G3 [1]	4052899504639	12	30	0.33	6500	White	3510
Square-Ray Technology	Product name	lm MODULE	△°	◎	Modules/Chain			No.
	BA-S-PL 830 G3 [1]	37	155	3	90	B	5	1
	BA-S-PL 840 G3 [1]	39	155	3	90	B	5	1
	BA-S-PL 865 G3 [1]	39	155	3	90	B	5	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information,
see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for
the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical
values

Product features[1]
— Connected with flexible cables
— Type of protection (modules): IP66
— Color rendering index R_a: > 80
— CE marked and UL listed
— Lifetime (L70/B50): 50,000 h
— Module efficacy: up to 130 lm/W

Product benefits
— Uniform illumination at high LED pitches thanks to Square Lens technology
— Modules are compatible with BackLED® mounting profile
— Significantly better application efficiency compared to systems without lenses
— Several options for quick and simple mounting: bolting or snap-in
— Consistent white light (Standard Deviation of Color Matching SDCM: < 3)
— ENEC certified
— 5-year guarantee

Areas of application
— Signage and illuminated advertising
— Backlighting of small and/or flat channel letters
— Backlighting of single and double-sided light boxes
— Permanent outdoor use in enclosed light boxes or channel letters
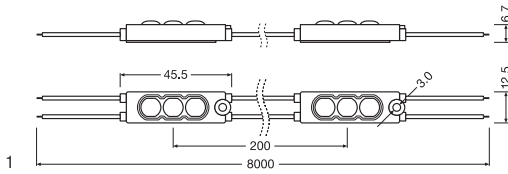
Equipment/Accessories
— BackLED® mounting profile BA-SM-MP
— Several types of OPTOTRONIC® 12 V power supplies available

References/Links
For more information on the multi-level guarantee and the terms and conditions of the guarantee, visit www.osram.com/system-guarantee

BackLED® ECO M Plus
LED modules for light advertising and backlighting

Product name	GTIN (EAN)	V	W CHAIN	W MODULE	K		lm CHAIN
BA-ECO-M-PL 865 [1]	4052899392465	12	28.80	0.72	6500	White	2880

Product name	lm MODULE	°		Modules/Chain			No.
BA-ECO-M-PL 865 [1]	72	155	3	40	A+	5	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values

5 Year OSRAM Guarantee*

Product features[1]
— Chain of 40 LED modules with three LEDs each
— Connected with flexible cables
— Variable LED module distance of 120…200 mm
— Very homogeneous backlighting with installation depth of 60 mm
— Dimmable with OT DIM, OT DALI DIM, OT DALI DIM LI
— Lifetime (L70/B50): 30,000 h (temperature at T_c = 70 °C)
— Color rendering index R_a: > 80

Product benefits
— Type of protection IP64 thanks to full encapsulation of LED modules
— Illumination without hotspots with less modules, slim depths due to batwing optics
— Consistent white light (Standard Deviation of Color Matching SDCM: < 3)
— Completely molded housing protects PCB and LEDs
— Easier pre-mounting with double-sided tape with extra long foil
— 5-year guarantee

Areas of application
— Backlighting of medium-sized channel letters
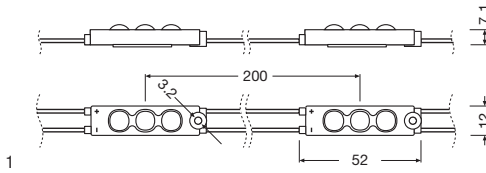
Equipment/Accessories
— Optimized for operation with OPTOTRONIC® 12 V power supplies

References/Links
For more information on the multi-level guarantee and the terms and conditions of the guarantee, visit www.osram.com/system-guarantee

BackLED® M Plus G15
LED modules for light advertising and backlighting

5 Year
OSRAM Guarantee*

Square-Ray Technology

Product name	GTIN (EAN)	V	W CHAIN	W MODULE	K	λ		lm CHAIN
BA-M-PL-830 D [1]	4052899300538	12	30	0.75	3000	-	White	2600
BA-M-PL-840 D [1]	4052899300514	12	30	0.75	4000	-	White	2800
BA-M-PL 865 D [1]	4052899300491	12	30	0.75	6500	-	White	2800
BA-M-PL-RD D [1]	4052899300552	12	25	0.62	-	625	Red	907

Product name	lm MODULE	°	(icon)	Modules/Chain	(icon)	(icon)	No.
BA-M-PL-830 D [1]	65	155	3	40	A	5	1
BA-M-PL-840 D [1]	70	155	3	40	A	5	1
BA-M-PL 865 D [1]	70	155	3	40	A	5	1
BA-M-PL-RD D [1]	22.7	155	3	40	B	5	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values

Product features [1]
— Connected with flexible cables
— Type of protection (modules): IP66
— Color rendering index R$_a$: > 80
— CE marked and UL listed

Product benefits
— Uniform illumination at high LED pitches thanks to Square Lens technology
— Modules are compatible with BackLED® mounting profile
— Significantly better application efficiency compared to systems without lenses
— Several options for quick and simple mounting: bolting or snap-in
— Excellent module efficacy
— Very long lifetime
— 5-year guarantee

Areas of application
— Signage and illuminated advertising
— Backlighting of medium-sized channel letters
— Backlighting of single and double-sided light boxes
— Permanent outdoor use in enclosed light boxes or channel letters
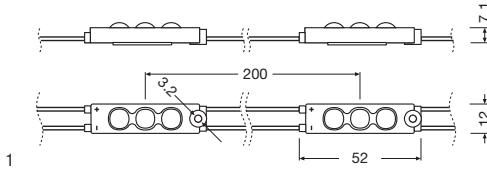
Equipment/Accessories
— BackLED® mounting profile BA-SM-MP
— Several types of OPTOTRONIC® 12 V power supplies available

References/Links
For more information on the multi-level guarantee and the terms and conditions of the guarantee, visit www.osram.com/system-guarantee

BackLED® M Plus HO G1
LED modules for light advertising and backlighting

Product name	GTIN (EAN)	V	W CHAIN	W MODULE	K		lm CHAIN
BA-M-PL 830 HO [1]	**4052899504707**	12	34	0.85	3000	White	3440
BA-M-PL 840 HO [1]	**4052899504721**	12	34	0.85	4000	White	3600
BA-M-PL 865 HO [1]	**4052899504745**	12	34	0.85	6500	White	3600

Product name	lm MODULE	△°	◎	Modules/Chain			No.
BA-M-PL 830 HO [1]	86	155	3	40	B	5	1
BA-M-PL 840 HO [1]	90	155	3	40	B	5	1
BA-M-PL 865 HO [1]	90	155	3	40	B	5	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values

Product features [1]
— Connected with flexible cables
— Type of protection (modules): IP66
— Color rendering index R_a: > 80
— CE marked and UL listed
— Lifetime (L70/B50): 50,000 h
— Module efficacy: up to 101 lm/W

Product benefits
— Uniform illumination at high LED pitches thanks to Square Lens technology
— Modules are compatible with BackLED® mounting profile
— Significantly better application efficiency compared to systems without lenses
— Several options for quick and simple mounting: bolting or snap-in
— Consistent white light (Standard Deviation of Color Matching SDCM: < 3)
— ENEC certified
— 5-year guarantee

Areas of application
— Signage and illuminated advertising
— Backlighting of small and/or flat channel letters
— Backlighting of single and double-sided light boxes
— Permanent outdoor use in enclosed light boxes or channel letters

Equipment/Accessories
— BackLED® mounting profile BA-SM-MP
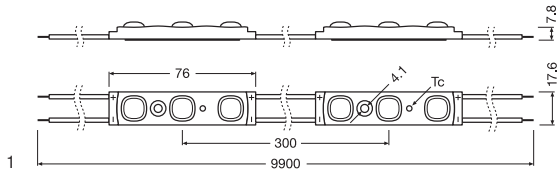— Several types of OPTOTRONIC® 12 V power supplies available

References/Links
For more information on the multi-level guarantee and the terms and conditions of the guarantee, visit www.osram.com/system-guarantee

5 Year
OSRAM Guarantee*

Square-Ray Technology

BackLED® L Plus G3
LED modules for light advertising and backlighting

Product name	GTIN (EAN)	V	W CHAIN	W MODULE	K	
BA-L-PL 830 G3 [1]	4052899990463	12	46	1.31	3000	Warm white
BA-L-PL 840 G3 [1]	4052899990449	12	46	1.31	4000	White
BA-L-PL 865 G3 [1]	4052899990425	12	46	1.31	6500	White

Product name	lm CHAIN	lm MODULE	△°	Modules/ Chain			No.
BA-L-PL 830 G3 [1]	5400	150	155	36	A+	5	1
BA-L-PL 840 G3 [1]	5400	150	155	36	A+	5	1
BA-L-PL 865 G3 [1]	5400	150	155	36	A+	5	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information,
see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for
the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical
values / In development, data preliminary

Product features[1]
— Connected with flexible cables
— Type of protection (modules): IP66/IP68
— Color rendering index R_a: > 80
— Single bin LEDs for all CCTs
— Consistent white light: < 3 SDCM
— CE marked, ENEC certified; UL listed

Product benefits
— Uniform illumination at high LED pitches thanks to Flat Ray technology
— Click and Play: quick and easy click-in of the LED modules, no tools needed
— High module efficacy: up to 116 lm/W
— Dimming capability: 1…10 V, DALI and DMX methods
— Very long lifetime: up to 50,000 h (L70/B50)
— 5-year guarantee

Areas of application
— Signage and illuminated advertising
— Backlighting of single and double-sided light boxes
— Permanent outdoor use in enclosed light boxes
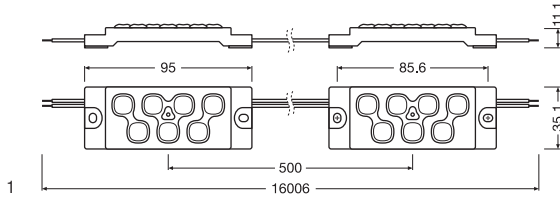— Decorative applications

Equipment/Accessories
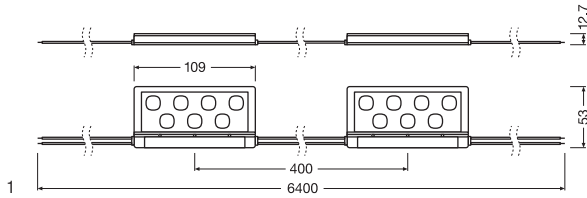— Mounting profile BA-MP
— Several types of OPTOTRONIC® 12 V LED drivers available

References/Links
For more information on the multi-level guarantee and the terms and conditions of the guarantee, visit www.osram.com/system-guarantee

BackLED® XL Plus G3
LED modules for light advertising and backlighting

Product name	GTIN (EAN)	V	W CHAIN	W MODULE	K	
BA-XL-PL 830 G3 [1]	4052899990524	24	70	2.2	3000	Warm white
BA-XL-PL 840 G3 [1]	4052899990500	24	70	2.2	4000	White
BA-XL-PL 865 G3 [1]	4052899990487	24	70	2.2	6500	White

Product name	lm CHAIN	lm MODULE	°∕∖	Modules/ Chain			No.
BA-XL-PL 830 G3 [1]	9600	300	155	32	A+	5	1
BA-XL-PL 840 G3 [1]	9600	300	155	32	A+	5	1
BA-XL-PL 865 G3 [1]	9600	300	155	32	A+	5	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information,
see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for
the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical
values / In development, data preliminary

Product features[1]
— Connected with flexible cables
— Type of protection (modules): IP66 and IP68
— Color rendering index R_a: > 80
— Single bin LEDs for all CCTs
— Consistent white light: < 3 SDCM
— CE marked, ENEC certified; UL listed

Product benefits
— Uniform illumination at high LED pitches thanks to Flat Ray technology
— Click and Play: quick and easy click-in of the LED modules, no tools needed
— High module efficacy: up to 135 lm/W
— Dimming capability: 1…10 V, DALI and DMX methods
— Very long lifetime: up to 50,000 h (L70/B50)
— 5-year guarantee

Areas of application
— Signage and illuminated advertising
— Backlighting of single and double-sided light boxes
— Permanent outdoor use in enclosed light boxes
— Decorative applications

Equipment/Accessories
— Mounting profile BX-MP
— Several types of OPTOTRONIC® 24 V LED drivers available

References/Links
For more information on the multi-level guarantee and the terms and conditions of the guarantee, visit www.osram.com/system-guarantee

BackLED® DS Plus G3
LED modules for light advertising and backlighting

Product name	GTIN (EAN)	V	W CHAIN	W MODULE	K	
BA-DS-PL 865 G3[1]	4052899990548	24	70	4.4	6500	Cool white

Product name	lm CHAIN	lm MODULE	∠°	Modules/Chain			No.
BA-DS-PL 865 G3[1]	9600	600	155	16	A+	5	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values / In development, data preliminary

5 Year OSRAM Guarantee*

Product features[1]
— Connected with flexible cables
— Type of protection (modules): IP66
— Color rendering index R_a: > 80
— Single bin LEDs for all CCTs
— Consistent white light: < 3 SDCM
— CE marked, ENEC certified; UL listed

Product benefits
— Uniform illumination at high LED pitches thanks to Flat Ray technology
— Modules compatible with the BackLED® DS mounting profile
— Click and Play: quick and easy click-in of the LED modules, no tools needed
— High module efficacy: up to 135 lm/W
— Dimming capability: 1…10 V, DALI and DMX methods
— Very long lifetime: up to 50,000 h (L70/B50)
— 5-year guarantee

Areas of application
— Signage and illuminated advertising
— Backlighting of double-sided light boxes and pylons
— Permanent outdoor use in enclosed light boxes

Equipment/Accessories
— Several types of OPTOTRONIC® 24 V LED drivers available
— BackLED® DS mounting profile BX-DS-MP
— BackLED® DS mounting brackets BX-DS-MB

References/Links
For more information on the multi-level guarantee and the terms and conditions of the guarantee, visit www.osram.com/system-guarantee
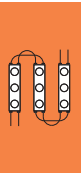
BackLED® RGBW Plus G2
LED modules for light advertising and backlighting
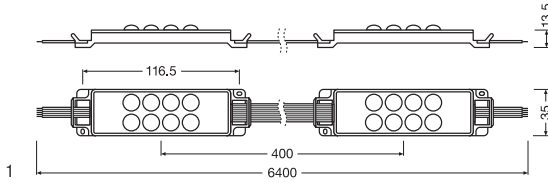
5 Year OSRAM Guarantee*	Product name	GTIN (EAN)	V	W CHAIN	W MODULE	λ		Im CHAIN
	BA-RGBW-PL G2 [1]	4052899452930	24	55.20	3.7	625 / 522	RGB, white	2310

Product name	Im MODULE	°	⊚	Modules/ Chain			No.
BA-RGBW-PL G2 [1]	154	150	8	15	B	5	1

[1] Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values

Product features[1]
— Connected with flexible cables
— Type of protection (modules): IP66/IP68
— Special robust encapsulation
— CE marked
— Dimmable by pulse width modulation (PWM)

Product benefits
— Simple fixing with M3 screws
— Broad color mixing palette (in connection with light management systems)
— Uniform backlighting of large surfaces thanks to extremely wide angle optics
— Simple connection with open cable ends
— Consistent white light (Standard Deviation of Color Matching SDCM: < 5)
— 5-year guarantee

Areas of application
— Dynamic color backlighting
— Dynamic mood lighting
— Spas
— Shops
— Restaurants
— Trade fair lighting
— Permanent outdoor use in enclosed light boxes or channel letters
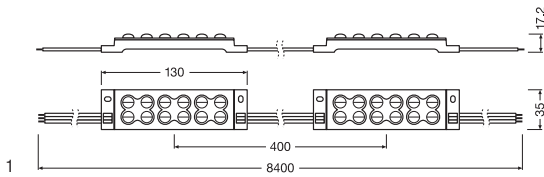
Equipment/Accessories
— Several types of OPTOTRONIC® 24 V power supplies available
— BoxLED® mounting profile BX-MP

References/Links
For more information on the multi-level guarantee and the terms and conditions of the guarantee, visit www.osram.com/system-guarantee

BackLED® TW Plus G2
LED modules for light advertising and backlighting

Product name	GTIN (EAN)	V	W CHAIN	W MODULE	K		lm CHAIN
BA-TW-PL 827-865 G2 [1]	4052899452954	24	96	4.8	2700	White	9200

Product name	lm MODULE	°		Modules/Chain			No.
BA-TW-PL 827-865 G2 [1]	460	150	12	20	A+	5	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values

Product features[1]
— Connected with flexible cables
— Type of protection (modules): IP66/IP68
— Light color: dynamic 2,700…6,500 K
— Special robust encapsulation
— CE marked

Product benefits
— Flexible programmable lighting moods in connection with light management systems
— Uniform backlighting of large surfaces thanks to extremely wide angle optics
— Simple fixing with M3 screws
— UV and IR-free light preserves exhibits
— Consistent white light (Standard Deviation of Color Matching SDCM: < 3)
— 5-year guarantee

Areas of application
— Daylight simulation
— Spas
— Shops
— Offices
— Museums, art galleries
— Permanent outdoor use in enclosed light boxes or channel letters

Equipment/Accessories
— Seven types of OPTOTRONIC® 24 V power supplies available
— BoxLED® mounting profile BX-MP

References/Links
For more information on the multi-level guarantee and the terms and conditions of the guarantee, visit www.osram.com/system-guarantee
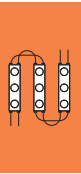
BlockLED ECO G1
LED modules for light advertising and backlighting
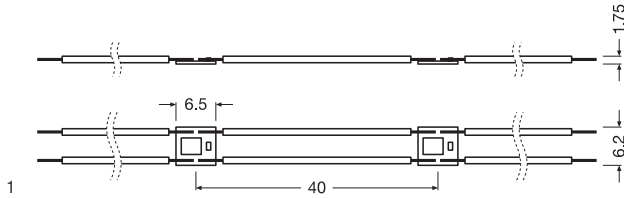
Product name	GTIN (EAN)	V	W CHAIN	W MODULE	K	lm CHAIN
BlockLED ECO G1 840 [1]	**4052899990661**	12	40	0.21	4000	3820
BlockLED ECO G1 850 [1]	**4052899990685**	12	40	0.21	5000	3820
BlockLED ECO G1 865 [1]	**4052899990708**	12	40	0.21	6500	3820

Product name	lm MODULE	Modules/ Chain	⊙	IP	🏷	📦	💡 No.
BlockLED ECO G1 840 [1]	24.8	154	1	IP20	A+	5	1
BlockLED ECO G1 850 [1]	24.8	154	1	IP20	A+	5	1
BlockLED ECO G1 865 [1]	24.8	154	1	IP20	A+	5	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information,
see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for
the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical
values / In development, data preliminary

Product features[1]
— Connected with flexible single-wire cables
— Cuttable after each single module
— Type of protection: IP20
— Color rendering index R_a: > 80
— CE marked

Product benefits
— Single-wire enables dimensionally stable shapes and curves
— Fully flexible in all directions
— LED pitch adjustable as required
— Extra-small engineered modules avoid shades, delivering great light uniformity
— White-painted modules on both sides, ensuring optimal reflection
— Very long lifetime: up to 50,000 h (L70/B50)

Areas of application
— Permanent outdoor use in potted full-acrylic block letters
— Signage and illuminated advertising
— Illumination of front, side or back light emitting letters
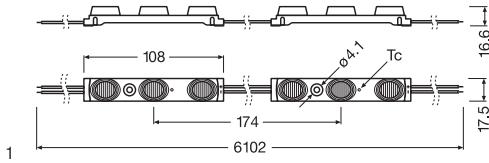
Equipment/Accessories
— Several types of OPTOTRONIC® 12 V LED drivers available

References/Links
For more information on the multi-level guarantee and the terms and conditions of the guarantee, visit www.osram.com/system-guarantee

BoxLED® XS Plus G3
LED modules for light advertising and backlighting

Product name	GTIN (EAN)	V	W CHAIN	W MODULE	K		lm CHAIN
BX-XS-PL 865 G3 [1]	**4052899989696**	12	42	1.31	6500	Cool white	4320
BX-XS-PL 840 G3 [1]	**4052899989719**	12	42	1.31	4000	Neutral white	4320
BX-XS-PL 830 G3 [1]	**4052899989733**	12	42	1.31	3000	Warm white	4320

Product name	lm MODULE	°△	Modules/Chain			No.
BX-XS-PL 865 G3 [1]	135	12 x 34	32	A+	5	1
BX-XS-PL 840 G3 [1]	135	12 x 34	32	A+	5	1
BX-XS-PL 830 G3 [1]	135	12 x 34	32	A+	5	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values / In development, data preliminary

Product features[1]
— Connected with flexible cables
— Type of protection: IP66/IP68
— Single bin LEDs for all CCTs
— Consistent white light: < 3 SDCM
— CE marked, ENEC certified; UL listed

Product benefits
— Uniform illumination thanks to optimized lenses embedded on module body
— Click and Play: quick and easy click-in of the LED modules, no tools needed
— Dimming capability 1…10 V, DALI and DMX methods
— Very long lifetime: up to 50,000 h (L70/B50)
— 5-year guarantee

Areas of application
— Permanent outdoor use in enclosed light boxes
— Signage and illuminated advertising
— Illumination of single and double-sided light boxes
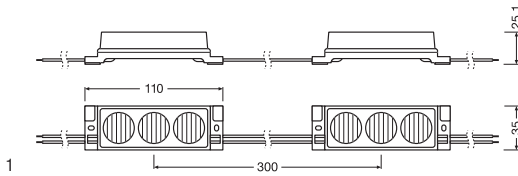— Wallwashing, cove lighting

Equipment/Accessories
— Several types of OPTOTRONIC® 12 V LED drivers available
— Mounting profile BA-MP

References/Links
For more information on the multi-level guarantee and the terms and conditions of the guarantee, visit www.osram.com/system-guarantee

BoxLED® ECO M Plus G3
LED modules for light advertising and backlighting

Product name	GTIN (EAN)	V	W CHAIN	W MODULE	K		lm CHAIN
BX-ECO-M-PL 830 [1]	**4052899947030**	24	99.80	3.1	3000	White	10474
BX-ECO-M-PL 840 [1]	**4052899947016**	24	99.80	3.1	4000	White	10474
BX-ECO-M-PL 865 [1]	**4052899946996**	24	99.80	3.1	6500	White	10094

Product name	lm MODULE	°	◎	Modules/ Chain			No.
BX-ECO-M-PL 830 [1]	327	12 x 60	6	32	A+	5	1
BX-ECO-M-PL 840 [1]	327	12 x 60	6	32	A+	5	1
BX-ECO-M-PL 865 [1]	315	12 x 60	6	32	A+	5	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values

Product features [1]
— Chain of 32 linear LED modules
— Connected with flexible cables
— Type of protection (modules): IP66
— Fully integrated heat sink

Product benefits
— Modules are compatible with the BoxLED® mounting profile
— Uniform illumination thanks to optimized elliptical lenses
— Several options for quick and simple mounting: bolting or snap-in
— Excellent module efficacy
— Cost-effective solution with reliable performance
— 5-year guarantee

Areas of application
— Signage and illuminated advertising
— Illumination of single and double-sided light boxes
— Permanent outdoor use in enclosed light boxes
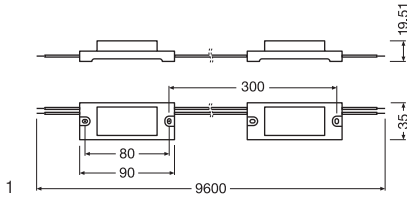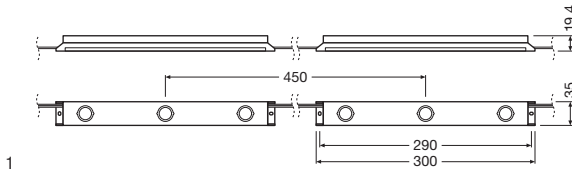
Equipment/Accessories
— Several types of OPTOTRONIC® 24 V power supplies available
— BoxLED® mounting profile BX-MP

References/Links
For more information on the multi-level guarantee and the terms and conditions of the guarantee, visit www.osram.com/system-guarantee

BoxLED® M Plus G3
LED modules for light advertising and backlighting

5 Year OSRAM Guarantee*	Product name	GTIN (EAN)	V	W CHAIN	W MODULE	K		lm CHAIN
	BX-M-PL 865 [1]	4052899493193	24	96	3	3000	White	9760
	BX-M-PL 840 [1]	4052899493179	24	96	3	4000	White	10200
	BX-M-PL 830 [1]	4052899493155	24	96	3	6500	White	10200

Product name	lm MODULE	△°	◎	Modules/ Chain			No.
BX-M-PL 865 [1]	305	12 x 70	12	32	A	5	1
BX-M-PL 840 [1]	318.75	12 x 70	12	32	A	5	1
BX-M-PL 830 [1]	318.75	12 x 70	12	32	A	5	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values

Product features [1]
— Chain of 32 linear LED modules
— Connected with flexible cables
— Maximum length of one chain: 9.60 m
— Type of protection (modules): IP66/IP68
— Fully integrated heat sink

Product benefits
— Modules are compatible with the BoxLED® mounting profile
— Uniform illumination thanks to optimized elliptical lenses
— Several options for quick and simple mounting: bolting or snap-in
— Excellent module efficacy
— Consistent white light (Standard Deviation of Color Matching SDCM: < 3)
— Very long lifetime
— ENEC certified
— 5-year guarantee

Areas of application
— Signage and illuminated advertising
— Illumination of single and double-sided light boxes
— Permanent outdoor use in enclosed light boxes

Equipment/Accessories
— Several types of OPTOTRONIC® 24 V power supplies available
— BoxLED® mounting profile BX-MP

References/Links
For more information on the multi-level guarantee and the terms and conditions of the guarantee, visit www.osram.com/system-guarantee

BoxLED® L Plus G15
LED modules for light advertising and backlighting

1

Product name	GTIN (EAN)	V	W CHAIN	W MODULE	K		lm CHAIN
BX-L-PL 830	4052899200517	12	60	7.5	3000	White	4350

Product name	lm MODULE	°⟋	Modules/Chain			No.
BX-L-PL 830	505	15.0 x 53.5	8	A	5	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values

Product features[1]
— Connected with flexible cables
— Type of protection (modules): IP66
— CE marked

Product benefits
— Uniform illumination thanks to optimized elliptical lenses
— Click and Play: quick and easy click-in of the LED modules, no tools needed
— Excellent module efficacy
— Very long lifetime
— 5-year guarantee

Areas of application
— Permanent outdoor use in enclosed light boxes
— Signage and illuminated advertising
— Illumination of single and double-sided light boxes
— Wallwashing, cove lighting

Equipment/Accessories
— Several types of OPTOTRONIC® 12 V power supplies available
— BoxLED® mounting profile BX-MP

References/Links
For more information on the multi-level guarantee and the terms and conditions of the guarantee, visit www.osram.com/system-guarantee

5 Year
OSRAM Guarantee*

BoxLED® L Plus G3
LED modules for light advertising and backlighting
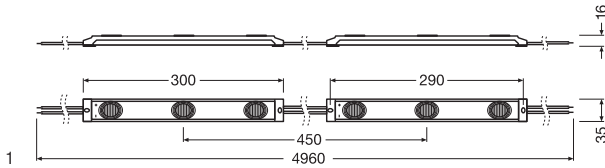
Product name	GTIN (EAN)	V	W CHAIN	W MODULE	K	
BX-L-PL 840 G3 [1]	**4052899990760**	12	60	6	4000	White
BX-L-PL 765 G3 [1]	**4052899990623**	12	60	6	6500	Cool white

Product name	lm CHAIN	lm MODULE	Modules/Chain	[icon]	[icon]	No.
BX-L-PL 840 G3 [1]	6500	650	10	A+	5	1
BX-L-PL 765 G3 [1]	6500	650	10	A+	5	1

5 Year OSRAM Guarantee*

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values / In development, data preliminary

Product features[1]
— Connected with flexible cables
— Type of protection (modules): IP66/IP68
— Single bin LEDs for all CCTs
— Consistent white light: < 3 SDCM
— CE marked, ENEC certified; UL listed

Product benefits
— Uniform illumination thanks to optimized elliptical lenses
— Click and Play: quick and easy click-in of the LED modules, no tools needed
— Dimming capability: 1…10 V, DALI and DMX methods
— Very long lifetime: up to 50,000 h (L70/B50)
— 5-year guarantee

Areas of application
— Permanent outdoor use in enclosed light boxes
— Signage and illuminated advertising
— Illumination of single and double-sided light boxes
— Wallwashing, cove lighting

Equipment/Accessories
— Several types of OPTOTRONIC® 12 V LED drivers available
— Mounting profile BX-MP

References/Links
For more information on the multi-level guarantee and the terms and conditions of the guarantee, visit www.osram.com/system-guarantee

BoxLED® Indoor L Plus
LED modules for light advertising and backlighting
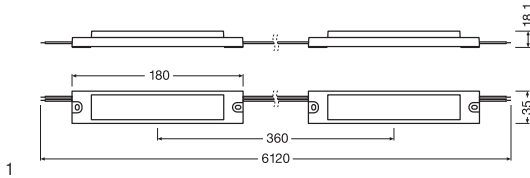
Product name	GTIN (EAN)	V	W CHAIN	W MODULE	K		lm CHAIN
BXI-L-PL 830 G1 [1]	**4052899518230**	24	96	6	3000	White	9600
BXI-L-PL 840 G1 [1]	**4052899518216**	24	96	6	4000	White	10200
BXI-L-PL 865 G1 [1]	**4052899518193**	24	96	6	6500	White	10200

Product name	lm MODULE	△°	◎	Modules/Chain			No.
BXI-L-PL 830 G1 [1]	600	12 x 70	24	16	A	5	1
BXI-L-PL 840 G1 [1]	638	12 x 70	24	16	A	5	1
BXI-L-PL 865 G1 [1]	638	12 x 70	24	16	A	5	1

1) Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table) / For current photometric data and important safety, installation and application information, see www.osram.com/led-systems / All the technical parameters apply to the entire module. In view of the complex manufacturing process for light-emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values

Product features[1]
— Chain of 16 linear LED modules for EU market
— Connected with flexible cables

Product benefits
— Modules are compatible with BackLED® mounting profile
— Uniform illumination thanks to optimized elliptical lenses
— Several options for quick and simple mounting: bolting or snap-in
— Very high module efficacy: up to 106 lm/W
— Consistent white light (Standard Deviation of Color Matching SDCM: < 3)
— Very long lifetime: up to 50,000 h (L70/B50)
— ENEC certified
— 5-year guarantee

Areas of application
— Signage and illuminated advertising
— Illumination of single and double-sided light boxes

Equipment/Accessories
— Several types of OPTOTRONIC® 24 V power supplies available

References/Links
For more information on the multi-level guarantee and the terms and conditions of the guarantee, visit www.osram.com/system-guarantee
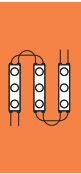
Mounting profiles

Time and precision play an important role in light installations. Consequently, a quick mounting process, which is optimally supported by mounting profiles from OSRAM, is a proven means to reduce costs.

For installation, the LED modules are simply snapped into the profiles which are then bolted down with screws driven through pre-drilled mounting holes.

Thanks to the regular distances between the drill holes in the mounting profiles, the modules can be placed at even pitches without the need to measure. Within the profiles, however, they can be moved back and forth flexibly, as required.

The even arrangement of the modules therefore ensures a homogeneous illumination of the entire surface. Moreover, thanks to the strong aluminum profiles, the entire construction is very robust and maintenance-friendly.

Functions of the mounting profiles

1) Side injection (single-sided and double-sided)

2) Backlighting (single-sided)

3) Backlighting (double-sided)*
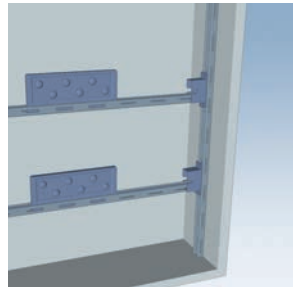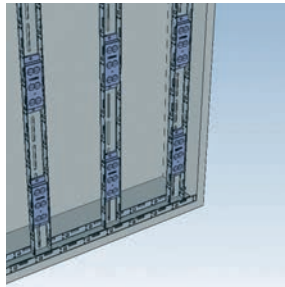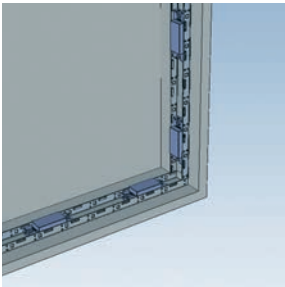
* Patent pending

Mounting profiles
Accessories for LED modules for advertising and backlighting
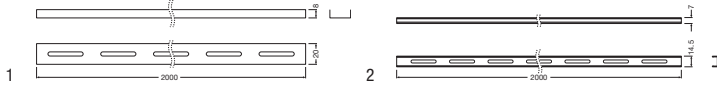
Product name	GTIN (EAN)	h [mm]	l [mm]	b [mm]		No.
BA-MP	4052899145863	8	2000	20	24	1
BA-SM-MP	4052899264540	7	2000	14.5	24	2

Product features
— Universally applicable mounting profile for single or double-sided light boxes
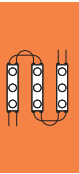— Overall length: 2,000 mm

Product benefits
— Can be easily shortened to any length
— Quick and easy mounting of the profile with self-tapping screws or pop rivets
— Quick and simple snap-in fixing of the LED modules, no tools required
— Robust aluminum profile

Areas of application
— Advertising and lettering
— Backlighting of single and double-sided light boxes

Equipment/Accessories
— BA-MP suitable for BackLED® L, BoxLED® XS
— BA-SM-MP suitable for BackLED® S/M

Mounting profiles
Accessories for LED modules for advertising and backlighting
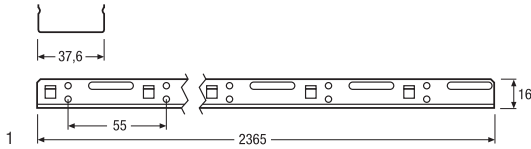
	Product name	GTIN (EAN)	h [mm]	l [mm]	b [mm]		No.
CLICK & PLAY	BX-MP	4008321981110	16	2365	37.6	24	1

Product features
— Universally applicable mounting profile for single or double-sided light boxes
— Overall length: 2,365 mm
— Integrated 55 mm mounting grid for simple positioning of the LED modules
— Integrated fixing option for cables

Product benefits
— Can be easily shortened to any length
— Quick and easy mounting of the profile with self-tapping screws or pop rivets
— Quick and simple snap-in fixing of the LED modules, no tools required
— Robust aluminum profile

Areas of application
— Advertising and lettering
— Backlighting of single and double-sided light boxes

Equipment/Accessories
— Suitable for BoxLED® M/Eco M/L Plus, BackLED® XL/RGBW/TW Plus

BackLED® DS Plus
Accessories for LED modules for advertising and backlighting
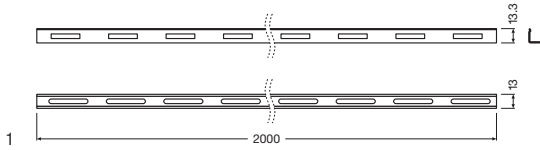
Product name	GTIN (EAN)	h [mm]	l [mm]	b [mm]		No.
BX-DS-MP	4008321880307	13.3	2000	13	24	1

Product features
— Universally applicable mounting profile for BackLED® DS Plus LED modules
— Overall length: 2,000 mm
— Integrated 50 mm mounting grid for simple positioning of the LED modules
— Integrated fixing option for cables

Product benefits
— Can be easily shortened to any length
— Quick and easy mounting of the profile with self-tapping screws or pop rivets
— Quick and simple snap-in fixing of the LED modules, no tools required
— Robust aluminum profile

Areas of application
— Signage and illuminated advertising
— Backlighting of double-sided light boxes and pylons
— Permanent outdoor use in enclosed light boxes

Equipment/Accessories
— Suitable for BackLED® DS Plus

BackLED® DS Plus
Accessories for LED modules for advertising and backlighting
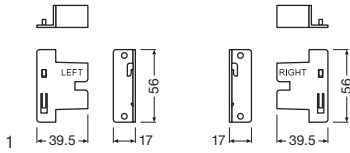
	Product name	GTIN (EAN)	h [mm]	l [mm]	b [mm]		No.
CLICK & PLAY	BX-DS-MB	4008321872173	17	39.5	56	150	1

Product features
— Mounting brackets for BackLED® DS Plus mounting profile
— Shipping unit comprises equal quantity of left and right brackets
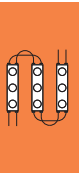
Product benefits
— Quick and simple snap-in fixing of the mounting profiles, no tools required
— Robust and corrosion-proof polycarbonate brackets

Areas of application
— Signage and illuminated advertising
— Backlighting of double-sided light boxes and pylons
— Permanent outdoor use in enclosed light boxes

Equipment/Accessories
— Suitable for BackLED® DS Plus

Control systems for Flex and signage modules

The OSRAM dynamic control system lets you create any possible comfortable ambiance whether you are working, meeting or relaxing. OSRAM offers several options to control the light in small and large projects – cabled and wireless.

Large projects (up to 255 light points)

Shopping mall

For large projects, we recommend solutions based on the DALI PROFESSIONAL Controller in combination with OTi DALI 1-4 CH and OTi DALI Tunable White. Manage the color change and tune the color temperature using the DALI PRO Control app.

DALI PRO CONT-4 controller   OTi DALI 80/220-240/24 1-4 CH   BackLED® Plus G15 RGBW

Medium-sized projects (up to 100 light points)

Hotel lobby

Our solution based on the OT Bluetooth Low Energy (BLE) minimizes the installation effort with a wireless system. It is intuitive to set up, along with the powerful control base from the app.

The Casambi solution is based on Bluetooth Low Energy, the state-of-the-art wireless technology and the only low-power wireless technology in all modern smartphones, tablets and even smart watches, making it the only mainstream and future-proof low-power radio technology in the world.

www.casambi.com

Download on the App Store

GET IT ON Google Play

OT 50/220-240/24

OT Bluetooth Low Energy (BLE)

LINEARlight FLEX® POWER

Small projects (up to 25 light points)

Tunable White office solution

Our solution based on the DIM MCU TW and the OTi DALI TW is very convenient for single rooms with one single point of light control to tune the light temperature and intensity. It is easy to install and delivers a great result, giving you peace of mind.

DALI MCU

OTi DALI 80/220-240/24

LINEARlight FLEX® POWER Tunable White

Flex and Signage: constant-voltage compatibility

System matching instructions:

1. Constant-voltage LED drivers can be 12 V or 24 V.
2. Control the 12 V or 24 V voltage required from the light engine (LED strip/signage module).
3. Estimate the required length for the final installation of the LED strip or signage module.
4. Verify the required power consumption of the light engine* and select the appropriate driver. All drivers in the OPTOTRONIC® range with the "Smart Power Supply" function are designed to compensate for the extra power required during the warm-up of the LED modules up to 20 % of the nominal rated power to avoid flickering or any flux reduction. This intelligent control ensures constant light output for very low temperatures as well as high temperatures.

   Example:
   With 9 meters of LF1200-G3-827-09, a power consumption of 8.9 W/m → 80.1 W in 9 meters. The OPTOTRONIC® with "Smart Power Supply" will compensate for the extra 15 % power required during the light-on phase.

Connect the LED strips with proper connectors or solder cables.
Important:
Be aware of electrostatic discharge (ESD) and wear ESD protection.
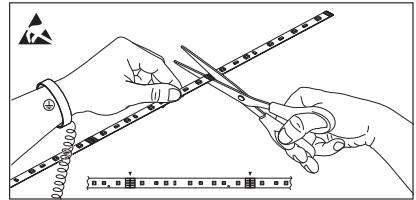

5. Connect the light engine to the drivers at 24 V (+) and 0 V (-).

* All values indicated on the datasheet (listed under each product on our website) refer to an ambient temperature of 20 °C. The power consumption of the light engine at a lower temperature is higher and has to be evaluated.
Contact flex-support@osram.com or signage-support@osram.com.

Other possible system applications:

or
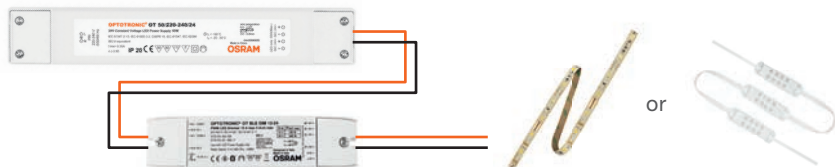
Driver compatibility list – Constant voltage

LINEARlight FLEX® DIFFUSE

Matching @ module T_p rated — Single module

Module type	0m 0.25	0.5	0.75	1m 0.25	0.5	0.75	2m 0.25	0.5	0.75	3m 0.25	0.5	0.75	4m 0.25	0.5	0.75	5m 0.25	0.5	0.75
LFD800T/LFD600S-G1-8xx-06		OT 6/220-240/24																
LFD800T/LFD600S-G1-8xx-06	OT 20/220-240/24																	
LFD800T/LFD600S-G1-8xx-06	OT 30/220-240/24																	
LFD800T/LFD600S-G1-8xx-06	OT 50/220-240/24																	
LFD800T/LFD600S-G1-8xx-06	OT 50/220-240/24 P																	
LFD800T/LFD600S-G1-8xx-06	OT 75/220-240/24																	
LFD800T/LFD600S-G1-8xx-06	OT EASY 80/220-240/24 P																	
LFD800T/LFD600S-G1-8xx-06	OT 80/220-240/24 P / OT 80/220-240/24 DIM P																	
LFD800T/LFD600S-G1-8xx-06	OT 120/220-240/24 P / OT 120/220-240/24 DIM P																	
LFD800T/LFD600S-G1-8xx-06	OT 240/220-240/24 P / OT 240/220-240/24 DIM P																	
LFD800T/LFD600S-G1-8xx-06				OTi DALI 50/220-240-24														
LFD800T/LFD600S-G1-8xx-06													OTi DALI 80/220-240-24					
LFD800T/LFD600S-G1-8xx-06													OTi DALI 160/220-240-24					

Matching @ module T_p rated — Single module

Module type	0m 0.25	0.5	0.75	1m 0.25	0.5	0.75	2m 0.25	0.5	0.75	3m 0.25	0.5	0.75	4m 0.25	0.5	0.75	5m 0.25	0.5	0.75
LFD400T/S-G1-8xx-06		OT 6/220-240/24																
LFD400MT/MS-G1-xx-06		OT 6/220-240/24																
LFD400T/S-G1-8xx-06	OT 20/220-240/2																	
LFD400MT/MS-G1-xx-06	OT 20/220-240/24																	
LFD400T/S-G1-8xx-06	OT 30/220-240/24																	
LFD400MT/MS-G1-xx-06	OT 30/220-240/24																	
LFD400T/S-G1-8xx-06	OT 50/220-240/24 / OT 50/220-240/24 P																	
LFD400MT/MS-G1-xx-06	OT 50/220-240/24 / OT 50/220-240/24 P																	
LFD400T/S-G1-8xx-06	OT 75/220…240/24 / OT 75/220…240/24 E																	
LFD400MT/MS-G1-xx-06	OT 75/220…240/24 / OT 75/220…240/24 E																	
LFD400T/S-G1-8xx-06	OT 80/220-240/24 P / OT 80/220-240/24 DIM P																	
LFD400MT/MS-G1-xx-06	OT 80/220-240/24 P / OT 80/220-240/24 DIM P																	
LFD400T/S-G1-8xx-06	OT 120/220-240/24 P / OT 120/220-240/24 DIM P																	
LFD400MT/MS-G1-xx-06	OT 120/220-240/24 P / OT 120/220-240/24 DIM P																	
LFD400T/S-G1-8xx-06	OT 240/220-240/24 P / OT 240/220-240/24 DIM P																	
LFD400MT/MS-G1-xx-06	OT 240/220-240/24 P / OT 240/220-240/24 DIM P																	
LFD400T/S-G1-8xx-06													OTi DALI 50/220-240-2					
LFD400MT/MS-G1-xx-06				OTi DALI 50/220-240-24														
LFD400T/S-G1-8xx-06															OTi DALI 80/220-240-24			
LFD400MT/MS-G1-xx-06										OTi DALI 80/220-240-24								
LFD400T/S-G1-8xx-06													OTi DALI 160/220-240-24					
LFD400MT/MS-G1-xx-06													OTi DALI 160/220-240-24					

LINEARlight FLEX® POWER

Matching @ module T$_p$ rated — Single module

Range scale: 0 m – 8 m (subdivisions 0.25 / 0.5 / 0.75 per metre)

Module type	Driver
LF1200-G3-AAxxx-09	OT 6/220-240/24
LF1200-G3-AAxxx-09	OT 20/220-240/24
LF1200-G3-AAxxx-09	OT 30/220-240/24
LF1200-G3-AAxxx-09	OT 50/220-240/24 / OT 50/220-240/24 P
LF1200-G3-AAxxx-09	OT 75/220…240/24 / OT 75/220…240/24 E
LF1200-G3-AAxxx-09	OT 80/220-240/24 P / OT 80/220-240/24 DIM P
LF1200-G3-AAxxx-09	OT 120/220-240/24 P / OT 120/220-240/24 DIM P
LF1200-G3-AAxxx-09	OT 240/220-240/24 P / OT 240/220-240/24 DIM P
LF1200-G3-AAxxx-09	OTi DALI 50/220-240-24
LF1200-G3-AAxxx-09	OTi DALI 80/220-240-24
LF1200-G3-AAxxx-09	OTi DALI 160/220-240-24

Matching @ module T$_p$ rated — Single module

Range scale: 0 m – 4 m (subdivisions 0.25 / 0.5 / 0.75 per metre)

Module type	Driver
LF2000-G3-AAxxx-04	OT 6/220-240/24
LF2000-G3-AAxxx-04	OT 20/220-240/24
LF2000-G3-AAxxx-04	OT 30/220-240/24
LF2000-G3-AAxxx-04	OT 50/220-240/24 / OT 50/220-240/24 P
LF2000-G3-AAxxx-04	OT 75/220-240/24 / OT 75/220-240/24 E
LF2000-G3-AAxxx-04	OT 80/220-240/24 P / OT 80/220-240/24 DIM P
LF2000-G3-AAxxx-04	OT 120/220-240/24 P / OT 120/220-240/24 DIM P
LF2000-G3-AAxxx-04	OT 240/220-240/24 P / OT 240/220-240/24 DIM P
LF2000-G3-AAxxx-04	OTi DALI 50/220-240-24
LF2000-G3-AAxxx-04	OTi DALI 80/220-240-24
LF2000-G3-AAxxx-04	OTi DALI 160/220-240-24

Matching @ module T$_p$ rated — Single module

Range scale: 0 m – 2 m (subdivisions 0.25 / 0.5 / 0.75 per metre)

Module type	Driver
LF3000-G3-AAxxx-03	OT 6/220-240/24
LF3000-G3-AAxxx-03	OT 20/220-240/24
LF3000-G3-AAxxx-03	OT 30/220-240/24
LF3000-G3-AAxxx-03	OT 50/220-240/24 / OT 50/220-240/24 P
LF3000-G3-AAxxx-03	OT 75/220-240/24 / OT 75/220-240/24 E
LF3000-G3-AAxxx-03	OT 80/220-240/24 P / OT 80/220-240/24 DIM P
LF3000-G3-AAxxx-03	OT 120/220-240/24 P / OT 120/220-240/24 DIM P
LF3000-G3-AAxxx-03	OT 240/220-240/24 P / OT 240/220-240/24 DIM P
LF3000-G3-AAxxx-03	OTi DALI 50/220-240-24
LF3000-G3-AAxxx-03	OTi DALI 80/220-240-24
LF3000-G3-AAxxx-03	OTi DALI 160/220-240-24

LINEARlight FLEX® POWER

Matching @ module T_p rated — Single module

Module type	0 m — 0.25 — 0.5 — 0.75 — 1 m — 0.25 — 0.5 — 0.75 — 2 m — 0.25 — 0.5 — 0.75
LF4000-G3-8xx-03	OT 6/220-240/24
LF4000-G3-8xx-03	OT 20/220-240/24
LF4000-G3-8xx-03	OT 30/220-240/24
LF4000-G3-8xx-03	OT 50/220-240/24 / OT 50/220-240/24 P
LF4000-G3-8xx-03	OT 75/220…240/24 / OT 75/220…240/24 E
LF4000-G3-8xx-03	OT 80/220-240/24 P / OT 80/220-240/24 DIM P
LF4000-G3-8xx-03	OT 120/220-240/24 P / OT 120/220-240/24 DIM P
LF4000-G3-8xx-03	OT 240/220-240/24 P / OT 240/220-240/24 DIM P
LF4000-G3-8xx-03	OTi DALI 50/220-240-24
LF4000-G3-8xx-03	OTi DALI 80/220-240-24
LF4000-G3-8xx-03	OTi DALI 160/220-240-24

LINEARlight FLEX® Tunable White

Matching @ module T_p rated — Single module (0 m to 8 m)

Module type	range
LF1200TW-G3-827865-09	OTi DALI 50/220-240/24 TW
LF1200TW-G3-827865-09	OTi DALI 80/220-240/24 TW
LF1200TW-G3-827865-09	OTi DALI 160/220-240/24 TW

Matching @ module T_p rated — Single module (0 m to 4 m)

Module type	range
LF2000TW-G3-827865-04	OTi DALI 50/220-240/24 TW
LF2000TW-G3-827865-04	OTi DALI 80/220-240/24 TW
LF2000TW-G3-827865-04	OTi DALI 160/220-240/24 TW

Matching @ module T_p rated — Single module (0 m to 2 m)

Module type	range
LF3000TW-G3-827865-03	OTi DALI 50/220-240/24 TW
LF3000TW-G3-827865-03	OTi DALI 80/220-240/24 TW
LF3000TW-G3-827865-03	OTi DALI 80/220-240/24 TW

Matching @ module T_p rated — Single module (0 m to 1 m)

Module type	range
LF4000TW-G3-837865-02	OTi DALI 50/220-240/24 TW
LF4000TW-G3-837865-02	OTi DALI 80/220-240/24 TW
LF4000TW-G3-837865-02	Oti DALI 160/220-240/24 TW

LINEARlight FLEX® Protect POWER

Matching @ module T$_p$ rated — Single module

Module type	Bar label
LFP800-G3-8xx-09	OT 6/220-240/24
LFP800-G3-8xx-09	OT 20/220-240/24
LFP800-G3-8xx-09	OT 30/220-240/24
LFP800-G3-8xx-09	OT 50/220-240/24 / OT 50/220-240/24 P
LFP800-G3-8xx-09	OT 75/220…240/24 / OT 75/220…240/24 E
LFP800-G3-8xx-09	OT 80/220-240/24 P / OT 80/220-240/24 DIM P
LFP800-G3-8xx-09	OT 120/220-240/24 P / OT 120/220-240/24 DIM P
LFP800-G3-8xx-09	OT 240/220-240/24 P / OT 240/220-240/24 DIM P
LFP800-G3-8xx-09	OTi DALI 50/220-240-24
LFP800-G3-8xx-09	OTi DALI 80/220-240-24
LFP800-G3-8xx-09	OTi DALI 160/220-240-24

(Scale: 0 m – 8 m, subdivisions 0.25 / 0.5 / 0.75)

Matching @ module T$_p$ rated — Single module

Module type	Bar label
LFP1200-G3-AAxxx-09	OT 6/220-240/24
LFP1200-G3-AAxxx-09	OT 20/220-240/24
LFP1200-G3-AAxxx-09	OT 30/220-240/24
LFP1200-G3-AAxxx-09	OT 50/220-240/24 / OT 50/220-240/24 P
LFP1200-G3-AAxxx-09	OT 75/220…240/24 / OT 75/220…240/24 E
LFP1200-G3-AAxxx-09	OT 80/220-240/24 P / OT 80/220-240/24 DIM P
LFP1200-G3-AAxxx-09	OT 120/220-240/24 P / OT 120/220-240/24 DIM P
LFP1200-G3-AAxxx-09	OT 240/220-240/24 P / OT 240/220-240/24 DIM P
LFP1200-G3-AAxxx-09	OTi DALI 50/220-240-24
LFP1200-G3-AAxxx-09	OTi DALI 80/220-240-24
LFP1200-G3-AAxxx-09	OTi DALI 160/220-240-24

(Scale: 0 m – 8 m, subdivisions 0.25 / 0.5 / 0.75)

Matching @ module T$_p$ rated — Single module

Module type	Bar label
LFP2000-G3-AAxxx-04	OT 6/220-240/24
LFP2000-G3-AAxxx-04	OT 20/220-240/24
LFP2000-G3-AAxxx-04	OT 30/220-240/24
LFP2000-G3-AAxxx-04	OT 50/220-240/24 / OT 50/220-240/24 P
LFP2000-G3-AAxxx-04	OT 75/220-240/24 / OT 75/220-240/24 E
LFP2000-G3-AAxxx-04	OT 80/220-240/24 P / OT 80/220-240/24 DIM P
LFP2000-G3-AAxxx-04	OT 120/220-240/24 P / OT 120/220-240/24 DIM P
LFP2000-G3-AAxxx-04	OT 240/220-240/24 P / OT 240/220-240/24 DIM P
LFP2000-G3-AAxxx-04	OTi DALI 50/220-240-24
LFP2000-G3-AAxxx-04	OTi DALI 80/220-240-24
LFP2000-G3-AAxxx-04	OTi DALI 160/220-240-24

(Scale: 0 m – 4 m, subdivisions 0.25 / 0.5 / 0.75)

LINEARlight FLEX® Protect POWER

Matching @ module T$_p$ rated	Single module								
	0 m			1 m			2 m		
Module type	0.25	0.5	0.75	0.25	0.5	0.75	0.25	0.5	0.75
LFP3000-G3-AAxxx-03	OT 6/220-240/24								
LFP3000-G3-AAxxx-03		OT 20/220-240/24							
LFP3000-G3-AAxxx-03			OT 30/220-240/24						
LFP3000-G3-AAxxx-03	OT 50/220-240/24 / OT 50/220-240/24 P								
LFP3000-G3-AAxxx-03	OT 75/220…240/24 / OT 75/220…240/24 E								
LFP3000-G3-AAxxx-03	OT 80/220-240/24 P / OT 80/220-240/24 DIM P								
LFP3000-G3-AAxxx-03	OT 120/220-240/24 P / OT 120/220-240/24 DIM P								
LFP3000-G3-AAxxx-03	OT 240/220-240/24 P / OT 240/220-240/24 DIM P								
LFP3000-G3-AAxxx-03				OTi DALI 50/220-240-24					
LFP3000-G3-AAxxx-03				OTi DALI 80/220-240-24					
LFP3000-G3-AAxxx-03				OTi DALI 160/220-240-24					

LINEARlight FLEX® ShortPitch

Matching @ module T$_p$ rated	Single module										
	0 m	1 m	2 m	3 m	4 m	5 m	6 m	7 m	8 m	9 m	10 m
Module type	0.25 0.5 0.75	0.25 0.5 0.75	0.25 0.5 0.75	0.25 0.5 0.75	0.25 0.5 0.75	0.25 0.5 0.75	0.25 0.5 0.75	0.25 0.5 0.75	0.25 0.5 0.75	0.25 0.5 0.75	0.25 0.5 0.75
LF800S-G3-8xx-10	OT 6/220-240/24										
LF800S-G3-8xx-10	OT 20/220-240/24										
LF800S-G3-8xx-10	OT 30/220-240/24										
LF800S-G3-8xx-10	OT 50/220-240/24 / OT 50/220-240/24 P										
LF800S-G3-8xx-10	OT 75/220…240/24 / OT 75/220…240/24 E										
LF800S-G3-8xx-10	OT 80/220-240/24 P / OT 80/220-240/24 DIM P										
LF800S-G3-8xx-10	OT 120/220-240/24 P / OT 120/220-240/24 DIM P										
LF800S-G3-8xx-10	OT 240/220-240/24 P / OT 240/220-240/24 DIM P										
LF800S-G3-8xx-10			OTi DALI 50/220-240-24								
LF800S-G3-8xx-10				OTi DALI 80/220-240-24							
LF800S-G3-8xx-10							OTi DALI 160/220-240-24				

LINEARlight Colormix Flex (Protect)

Matching @ module T$_p$ rated	single module																	
	0 m			1 m			2 m			3 m			4 m			5 m		
Module type	0.25	0.5	0.75	0.25	0.5	0.75	0.25	0.5	0.75	0.25	0.5	0.75	0.25	0.5	0.75	0.25	0.5	0.75
LF200C-G3 / LFP200C-G3													OTi DALI 50/220-240-24					
LF200C-G3 / LFP200C-G3																OTi DALI 80/220-240-24		
LF200C-G3 / LFP200C-G3																OTi DALI 160/220-240-24		

Matching @ module T$_p$ rated	single module											
	0 m			1 m			2 m			3 m		
Module type	0.25	0.5	0.75	0.25	0.5	0.75	0.25	0.5	0.75	0.25	0.5	0.75
LF05CA2-RGB3 / LF05CA-RGB-P				OTi DALI 50/220-240-24								
LF05CA2-RGB3 / LF05CA-RGB-P							OTi DALI 80/220-240-24					
LF05CA2-RGB3 / LF05CA-RGB-P										OTi DALI 160/220-240-24		

LINEARlight FLEX® (Protect) ADVANCED

Matching @ module T_p rated — Single module

Module type: LF06A-W3F-830-P

Module type	Driver	Approx. range
LF06A-W3F-830-P	OT 6/220-240/24	0–1 m
LF06A-W3F-830-P	OT 20/220-240/24	0–2 m
LF06A-W3F-830-P	OT 30/220-240/24	0–3.5 m
LF06A-W3F-830-P	OT 50/220-240/24 / OT 50/220-240/24 P	0–9 m
LF06A-W3F-830-P	OT 75/220…240/24 / OT 75/220…240/24 E	0–9 m
LF06A-W3F-830-P	OT 80/220-240/24 P / OT 80/220-240/24 DIM P	0–9 m
LF06A-W3F-830-P	OT 120/220-240/24 P / OT 120/220-240/24 DIM P	0–9 m
LF06A-W3F-830-P	OT 240/220-240/24 P / OT 240/220-240/24 DIM P	0–9 m
LF06A-W3F-830-P	OTi DALI 50/220-240-24	4.5–9 m
LF06A-W3F-830-P	OTi DALI 80/220-240-24	7–9 m
LF06A-W3F-830-P	OTi DALI 160/220-240-24	8–9 m

Matching @ module T_p rated — Single module

Module type: LF06A-W3F-8xx

Module type	Driver	Approx. range
LF06A-W3F-8xx	OT 6/220-240/24	0–1 m
LF06A-W3F-8xx	OT 20/220-240/24	0–2 m
LF06A-W3F-8xx	OT 30/220-240/24	0–3.5 m
LF06A-W3F-8xx	OT 50/220-240/24 / OT 50/220-240/24 P	0–9 m
LF06A-W3F-8xx	OT 75/220…240/24 / OT 75/220…240/24 E	0–9 m
LF06A-W3F-8xx	OT 80/220-240/24 P / OT 80/220-240/24 DIM P	0–9 m
LF06A-W3F-8xx	OT 120/220-240/24 P / OT 120/220-240/24 DIM P	0–9 m
LF06A-W3F-8xx	OT 240/220-240/24 P / OT 240/220-240/24 DIM P	0–9 m
LF06A-W3F-8xx	OTi DALI 50/220-240-24	4.5–9 m
LF06A-W3F-8xx	OTi DALI 80/220-240-24	7–9 m
LF06A-W3F-8xx	OTi DALI 160/220-240-24	8–9 m

Matching @ module T_p rated — Single module

Module type: LF05A2-xx

Module type	Driver	Approx. range
LF05A2-xx	OT 6/220-240/24	0–1 m
LF05A2-xx	OT 20/220-240/24	0–1.5 m
LF05A2-xx	OT 30/220-240/24	0–2 m
LF05A2-xx	OT 50/220-240/24 / OT 50/220-240/24 P	0–5 m
LF05A2-xx	OT 75/220…240/24 / OT 75/220…240/24 E	0–8 m
LF05A2-xx	OT 80/220-240/24 P / OT 80/220-240/24 DIM P	0–8.5 m
LF05A2-xx	OT 120/220-240/24 P / OT 120/220-240/24 DIM P	0–9 m
LF05A2-xx	OT 240/220-240/24 P / OT 240/220-240/24 DIM P	0–9 m
LF05A2-xx	OTi DALI 50/220-240-24	2.5–5.5 m
LF05A2-xx	OTi DALI 80/220-240-24	4–7.5 m
LF05A2-xx	OTi DALI 160/220-240-24	7–9 m

LINEARlight FLEX® Protect ECO

Matching @ module T_p rated — Single module (0 m – 9 m, steps 0.25 / 0.5 / 0.75)

Module type	Driver
LF06E-W3F-830-P	OT 6/220-240/24
LF06E-W3F-830-P	OT 20/220-240/24
LF06E-W3F-830-P	OT 30/220-240/24
LF06E-W3F-830-P	OT 50/220-240/24 / OT 50/220-240/24 P
LF06E-W3F-830-P	OT 75/220…240/24 / OT 75/220…240/24 E
LF06E-W3F-830-P	OT 80/220-240/24 P / OT 80/220-240/24 DIM P
LF06E-W3F-830-P	OT 120/220-240/24 P / OT 120/220-240/24 DIM P
LF06E-W3F-830-P	OT 240/220-240/24 P / OT 240/220-240/24 DIM P
LF06E-W3F-830-P	OTi DALI 50/220-240-24
LF06E-W3F-830-P	OTi DALI 80/220-240-24
LF06E-W3F-830-P	OTi DALI 160/220-240-24

Matching @ module T_p rated — Single module (0 m – 9 m, steps 0.25 / 0.5 / 0.75)

Module type	Driver
LF200-G3-827-10	OT 6/220-240/24
LF200-G3-827-10	OT 20/220-240/24
LF200-G3-827-10	OT 30/220-240/24
LF200-G3-827-10	OT 50/220-240/24 / OT 50/220-240/24 P
LF200-G3-827-10	OT 75/220…240/24 / OT 75/220…240/24 E
LF200-G3-827-10	OT 80/220-240/24 P / OT 80/220-240/24 DIM P
LF200-G3-827-10	OT 120/220-240/24 P / OT 120/220-240/24 DIM P
LF200-G3-827-10	OT 240/220-240/24 P / OT 240/220-240/24 DIM P
LF200-G3-827-10	OTi DALI 50/220-240-24
LF200-G3-827-10	OTi DALI 80/220-240-24
LF200-G3-827-10	OTi DALI 160/220-240-24

LINEARlight FLEX® Monochrome

Matching @ module T_p rated — Single module (0 m – 9 m, steps 0.25 / 0.5 / 0.75)

Module type	Driver
LF200M-G3-YE	OT 6/220-240/24
LF200M-G3-YE	OT 20/220-240/24
LF200M-G3-YE	OT 30/220-240/24
LF200M-G3-YE	OT 50/220-240/24 / OT 50/220-240/24 P
LF200M-G3-YE	OT 75/220…240/24 / OT 75/220…240/24 E
LF200M-G3-YE	OT 80/220-240/24 P / OT 80/220-240/24 DIM P
LF200M-G3-YE	OT 120/220-240/24 P / OT 120/220-240/24 DIM P
LF200M-G3-YE	OT 240/220-240/24 P / OT 240/220-240/24 DIM P
LF200M-G3-YE	OTi DALI 50/220-240-24
LF200M-G3-YE	OTi DALI 80/220-240-24
LF200M-G3-YE	OTi DALI 160/220-240-24