



SubstiTUBE U-Shape^{4,6,7} - U-shaped LED tubes for electromagnetic control gears

Product name	GTIN (EAN)			W	lm	lm/W	K		Ra	t(h) ¹		
SubstiTUBE U-Shape											IP 20	5 year guarantee
ST8U-EM 8 W/4000K 300 mm	4058075284685	2G13	305	8	1100	137	4000	130	≥80	50000	A++	1
SubstiTUBE U-Shape											IP 20	5 year guarantee
ST8U-EM 20 W/4000K 600 mm	4058075284708	2G13	602	20	2750	137	4000	130	≥80	50000	A++	2

- Quick, simple and safe replacement without rewiring
- Energy savings of up to 65 % (compared to T8 fluorescent lamp on CCG)
- Instant-on light, therefore ideally suitable in combination with sensor technology
- Very high resistance to switching loads

¹ L70/B50 | ² Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency) | ³ You will find further information and the exact guarantee terms and conditions at www.ledvance.com/guarantee | ⁴ When used to replace a T8 fluorescent lamp the total energy efficiency and light distribution depends on the design of the lighting system. | ⁵ When used to replace a T9 fluorescent lamp the total energy efficiency and light distribution depends on the design of the lighting system. | ⁶ Not suitable for operation with electronic control gear. | ⁷ Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.



HQL LED PRO^{4,5,8} - LED replacement for HID lamps for outdoor application

Product name	GTIN (EAN)	wΔW	Energy Efficiency Class	W	lm	K	Ra	l [mm]	d [mm]	t [h]	IP	Guarantee	No.
HQL LED PRO – 50W-Replacement/80W-Replacement/125W-Replacement													
HQL LED 3000 lm 23 W/4000K E27	4058075124783	50	E27	23	3000	4000	≥80	145	75	50000	A++	5	1

- Replacement for HQL: Suitable for operation with conventional control gear for HQL
- Replacement for other HID: Suitable for operation with line voltage without control gear
- Saves up to 78 % energy when used as replacement for mercury vapor lamps (HQL)
- Effective thermal management for wide operating temperature range

HQL LED HIGHBAY^{4,5,6,7,8} - LED replacement for HID lamps for high-bay luminaires

Product name	GTIN (EAN)	wΔW	Energy Efficiency Class	W	lm	K	Ra	l [mm]	d [mm]	t [h]	IP	Guarantee	No.
HQL LED HIGHBAY – 250W-Replacement/400W-Replacement													
HQL HIGHBAY 250 120° 95 W/4000K E40	4058075135864	250	E40	95	13000	4000	≥80	280	190	50000	A++	5	2
HQL HIGHBAY 400 120° 140 W/4000K E40	4058075135888	400	E40	140	20000	4000	≥80	310	230	50000	A++	5	3

- Replacement for HQL: Suitable for operation with conventional control gear for HQL
- Replacement for other HID: Suitable for operation with line voltage without control gear
- Operating temperature: -20...50 °C
- Energy savings of up to 65 % when replacing mercury vapor lamps (HQL)

¹ L70/B50 | ² Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency) | ³ You will find further information and the exact guarantee terms and conditions at www.ledvance.com/guarantee | ⁴ The bulb may be larger and heavier than the replaced bulb. Before installation it must be checked, if the luminaire and especially the holder is capable of carrying the weight of the lamp. | ⁵ Not suitable for operation with ignitors | ⁶ Safety sling has to be installed. | ⁷ To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire. | ⁸ Operation on the capacitor can lead to a reduction of the power factor of the system.



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HQI LED HIGHBAY^{4,5,6,7} - LED replacement for HID lamps

Product name	GTIN (EAN)	W _{LED}	η	W	lm	K	R _a	L (mm)	d (mm)	t _h ¹	IP _{code} ²	No. ³
HQI LED HIGHBAY – 250W-Replacement/400W-Replacement												
HQI HIGHBAY 250 120° 95 W/4000K E40	4058075284722	250	E40	95	13000	4000	≥80	307	230	50000	A+	1
HQI HIGHBAY 400 120° 140 W/4000K E40	4058075284746	400	E40	140	20000	4000	≥80	307	230	50000	A+	1

- Direct replacement for traditional HQI and NAV lamps thanks to CCG and ignitor compatibility
- Energy savings of up to 62 % when replacing traditional HQI lamps
- Operating temperature: -20...50 °C
- Effective thermal management for wide operating temperature range

¹ L70/B50 | ² Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency) | ³ You will find further information and the exact guarantee terms and conditions at www.ledvance.com/guarantee | ⁴ Not suitable for operation with line voltage. | ⁵ The bulb may be larger and heavier than the replaced bulb. Before installation it must be checked, if the luminaire and especially the holder is capable of carrying the weight of the lamp. | ⁶ Safety sling has to be installed. | ⁷ To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire.



OSRAM DULUX D LED EM^{4,5} - LED replacement for CFLni, 2 tubes, with 2-pin G24d base for CCG and AC mains operation

Product name	GTIN (EAN)	W ^Δ W	lm	K	Ra	L [mm]	d [mm]	t [h] ¹	IP20 ²	No. ³		
OSRAM DULUX D LED EM – 26W-Replacement												
DULUX D LED EM 26 10 W/3000K G24d-3	4058075024977	26	G24d-3	10	920	3000	>83	170.5	35	30000	A+	1
DULUX D LED EM 26 10 W/4000K G24d-3	4058075024991	26	G24d-3	10	1000	4000	>83	170.5	35	30000	A+	1

- LED replacement for conventional compact fluorescent lamps for use in CCG luminaires or on AC mains
- Quick, simple and safe replacement without rewiring
- Rotatable base around its longitudinal axis ($\pm 90^\circ$)
- Low energy consumption

OSRAM DULUX D/E LED HF^{4,5,6,7} - LED replacement for CFLni, 2 tubes, with 4-pin G24q base for ECG and AC mains operation

Product name	GTIN (EAN)	W ^Δ W	lm	K	Ra	L [mm]	d [mm]	t [h] ¹	IP20 ²	No. ³		
OSRAM DULUX D/E LED HF – 18W-Replacement												
DULUX D/E LED HF 7 W/3000K	4058075135208	18	G24q-2	7	640	3000	≥ 80	148	35	30000	A+	2

- LED replacement for conventional compact fluorescent lamps for use in ECG luminaires or on AC mains
- Quick, simple and safe replacement
- Rotatable base around its longitudinal axis ($\pm 90^\circ$)
- Low energy consumption

Operation on ECG: please check compatibility at www.ledvance.com/ecg-compatibility

¹ L70/B50 | ² Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency) | ³ You will find further information and the exact guarantee terms and conditions at www.ledvance.com/guarantee | ⁴ Only suitable for temperatures of up to 35°C inside of the luminaire. | ⁵ Not suitable for tandem operation. | ⁶ Always check the latest update of the compatibility list available on www.ledvance.com/ecg-compatibility | ⁷ Not suitable for operation with conventional control gear



OSRAM DULUX S LED EM⁴ - LED replacement for short CFLni, with 2-pin G23 base for CCG and AC mains operation

Product name	GTIN (EAN)	wΔW	Energy Efficiency	W	lm	K	Ra	L [mm]	d [mm]	t [h]	IP	No.
OSRAM DULUX S LED EM – 9W-Replacement/11W-Replacement												
DULUX S LED EM 4.5 W/3000K	4058075135284	9	G23	4.5	450	3000	>80	166	33	30000	A+	1
DULUX S LED EM 4.5 W/4000K	4058075135307	9	G23	4.5	500	4000	>80	166	33	30000	A+	1
DULUX S LED EM 6 W/3000K	4058075135321	11	G23	6	630	3000	>80	237	33	30000	A+	2

- LED replacement for conventional compact fluorescent lamps for use in CCG luminaires or on AC mains
- Quick, simple and safe replacement without rewiring
- Low energy consumption
- Easy relamping thanks to compact design

OSRAM DULUX L LED HF^{4,5,6,7} - LED replacement for CFLni, with 4-pin 2G11 base for ECG and AC mains operation

Product name	GTIN (EAN)	wΔW	Energy Efficiency	W	lm	K	Ra	L [mm]	d [mm]	t [h]	IP	No.
OSRAM DULUX L LED HF – 18W-Replacement/36W-Replacement/55W-Replacement												
DULUX L LED HF 7 W/4000K	4058075135383	18	2G11	7	1000	4000	≥80	229.4	44	30000	A++	3
DULUX L LED HF 18 W/4000K	4058075135420	36	2G11	18	2300	4000	≥80	413.4	44	30000	A++	4
DULUX L LED HF 24 W/3000K 500 mm	4058075260887	55	2G11	24	3000	3000	≥80	535	44	30000	A++	5
DULUX L LED HF 24 W/4000K 500 mm	4058075260900	55	2G11	24	3300	4000	≥80	535	44	30000	A++	5

- LED replacement for conventional compact fluorescent lamps for use in ECG luminaires or on AC mains
- Quick, simple and safe replacement
- Simple replacement thanks to similar design as conventional compact fluorescent lamps
- Low energy consumption

Operation on ECG: please check compatibility at www.ledvance.com/ecg-compatibility

¹ L70/B50 | ² Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency) | ³ You will find further information and the exact guarantee terms and conditions at www.ledvance.com/guarantee | ⁴ Not suitable for tandem operation. | ⁵ Only suitable for temperatures of up to 35°C inside of the luminaire. | ⁶ Always check the latest update of the compatibility list available on www.ledvance.com/ecg-compatibility | ⁷ Not suitable for operation with low-loss and conventional control gears



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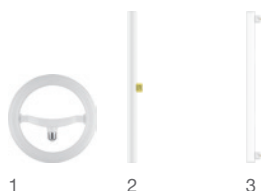
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PARATHOM DIM LINE R7s⁵ - Dimmable double-ended special LED lamps

Product name	GTIN (EAN)	W _{eq} W	W	lm	K	Ra	Beam angle ¹	L ₀ [mm]	d [mm]	t [h] ²	Energy efficiency class ³	No. of LEDs	IP20	5 year guarantee ⁴
PARATHOM DIM LINE R7s – dimmable¹, 75W-Replacement/100W-Replacement/125W-Replacement/150W-Replacement														
P DIM LINE 118.0 mm 125 15 W/2700K R7s	4058075811850	125	R7s	15	2000	2700	≥80	✓	118	29	25000	A++		1
P DIM LINE 118.0 mm 150 17.5 W/2700K R7s	4058075271999	150	R7s	17.5	2452	2700	≥80	✓	118	28	15000	A++		2

- Five year guarantee
- Low energy consumption
- Good all-around light emission
- Fits into most R7s luminaires thanks to excentric base

¹ LED lamps can be operated with a wide variety of commercially available dimmers; details and results of compatibility tests can be seen at www.ledvance.com/dim and in the additional technical product information sheets linked there | ² L70/B50 | ³ Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency) | ⁴ You will find further information and the exact guarantee terms and conditions at www.ledvance.com/guarantee | ⁵ To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire.



CIRCOLUX LED - Circular LED lamps with E27 screw base

Product name	GTIN (EAN)	wΔW	⚡	W	lm	K	Ra	l [mm]	∅ [mm]	t [h]	IP	Guarantee	No.
CIRCOLUX LED – 100W-Replacement											IP 20	3 years	
CIR 100 160° 17 W/2700K E27	4058075271708	100	E27	17	1521	2700	≥80	86	260	15000	A+		1

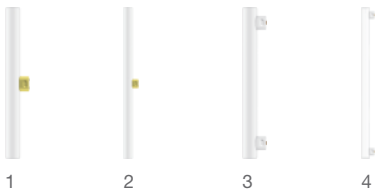
- High luminous flux
- Long lifetime of up to 15,000 h
- Low energy consumption
- Three year guarantee

LEDinestra DIM - Dimmable tubular LED lamps

Product name	GTIN (EAN)	wΔW	⚡	W	lm	K	Ra	Dimmable	l [mm]	∅ [mm]	t [h]	IP	Guarantee	No.
LEDinestra DIM – dimmable¹, 25W-Replacement/40W-Replacement												IP 20	3 years	
LEDinestra 7 W/2700K 500 mm FR	4058075135581	40	S14d	7	470	2700	≥80	✓	500	29	25000	A		2
LEDinestra DIM – dimmable¹, 25W-Replacement/40W-Replacement/75W-Replacement												IP 20	3 years	
LEDinestra 15 W/2700K 1000 mm FR	4058075135604	75	S14s	15	1055	2700	≥80	✓	1000	29	20000	A		3

- Very long lifetime of up to 25,000 h
- Low energy consumption
- Good color rendering

¹ LED lamps can be operated with a wide variety of commercially available dimmers; details and results of compatibility tests can be seen at www.ledvance.com/dim and in the additional technical product information sheets linked there | ² L70/B50 | ³ Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency) | ⁴ You will find further information and the exact guarantee terms and conditions at www.ledvance.com/guarantee | ⁵ To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire.

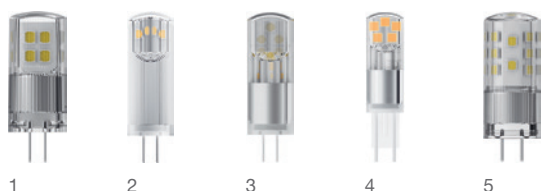


LEDinestra - Tubular LED lamps

Product name	GTIN (EAN)	W _{LED}	W	lm	K	Ra	L [mm]	d [mm]	t _h ¹	Energy efficiency class ²	IP20	3 year guarantee ³
LEDinestra – 25W-Replacement/40W-Replacement												
LEDinestra 25 200° 3.5 W/2700K S14d	4058075817753	25	S14d	3.5	260	2700	≥80	300	29	15000	A+	1
LEDinestra 40 200° 6 W/2700K S14d	4058075817791	40	S14d	6	470	2700	≥80	500	29	15000	A+	2
LEDinestra – 25W-Replacement/40W-Replacement												
LEDinestra 25 200° 3.5 W/2700K S14s	4058075817739	25	S14s	3.5	260	2700	≥80	300	29	15000	A+	3
LEDinestra 40 200° 6 W/2700K S14s	4058075817777	40	S14s	6	470	2700	≥80	500	29	15000	A+	4

- Long lifetime of up to 15,000 h
- Low energy consumption
- Good color rendering

¹ L70/B50 | ² Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency) | ³ You will find further information and the exact guarantee terms and conditions at www.ledvance.com/guarantee



PARATHOM DIM LED PIN G4 12 V^{5,6} - Dimmable low-voltage 12 V⁵ LED lamps with retrofit pin base G4

Product name	GTIN (EAN)	wΔW	⚡	W	lm	K	Ra	1	l [mm]	∅ d [mm]	t [h]	2	3	IP 20	4
PARATHOM DIM LED PIN G4 12 V⁵ – dimmable¹, 20W-Replacement														IP 20	5 year guarantee
P DIM PIN 20 320° 2 W/2700K G4	4058075271746	20	G4	2	200	2700	≥80	✓	40	15	25000	A++			1

- Very long lifetime of up to 25,000 h
- Very low energy consumption
- Easy replacement of halogen lamps thanks to compact design
- Ideal for decorative and free-burning applications

PARATHOM LED PIN G4 12 V⁵ - Low-voltage 12 V⁵ LED lamps with retrofit pin base G4

Product name	GTIN (EAN)	wΔW	⚡	W	lm	K	Ra	1	l [mm]	∅ d [mm]	t [h]	2	3	IP 20	4
PARATHOM LED PIN G4 12 V⁵ – 10W-Replacement/20W-Replacement/28W-Replacement														IP 20	4 year guarantee
P PIN 20 1.8 W/2700K G4	4058075811430	20	G4	1.8	200	2700	≥80		36	13	15000	A++			2
P PIN 30 2.4 W/2700K G4	4058075811492	28	G4	2.4	300	2700	≥80		44	13	15000	A++			3

- Long lifetime of up to 15,000 h
- Low energy consumption
- Ideal for decorative and free-burning applications

PARATHOM LED PIN GY6.35 12 V⁵ - Low voltage 12V⁵ LED lamps with retrofit pin base GY6.35

Product name	GTIN (EAN)	wΔW	⚡	W	lm	K	Ra	1	l [mm]	∅ d [mm]	t [h]	2	3	IP 20	4
PARATHOM LED PIN GY6.35 12 V⁵ – 28W-Replacement/35W-Replacement														IP 20	4 year guarantee
P PIN 35 320° 3.3 W/2700K GY6.35	4058075271944	35	GY6.35	3.3	400	2700	≥80		50	18	15000	A++			5

- Long lifetime of up to 15,000 h
- Low energy consumption
- Ideal for decorative and free-burning applications

¹ LED lamps can be operated with a wide variety of commercially available dimmers; details and results of compatibility tests can be seen at www.ledvance.com/dim and in the additional technical product information sheets linked there | ² L70/B50 | ³ Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency) | ⁴ You will find further information and the exact guarantee terms and conditions at www.ledvance.com/guarantee | ⁵ Compatible with many commercially available electronic switchgear devices. Details can be seen at www.ledvance.com/low-voltage-led-lamps | ⁶ To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire.