


TRUNKING SYSTEMS

TRUSYS® VERSUS TRUSYS® PERFORMANCE

TRUSYS® **PAGE 122**



TRUSYS®
TRUSYS® DALI
TRUSYS® ENERGY RAIL
TRUSYS® ACCESSORIES

PERFORMANCE CLASS

TRUSYS® PERFORMANCE **PAGE 114**



TRUSYS® PERFORMANCE ON/OFF
TRUSYS® PERFORMANCE DALI
TRUSYS® PERFORMANCE EM
TRUSYS® PERFORMANCE ENERGY RAIL
TRUSYS® PERFORMANCE ACCESSORIES

PERFORMANCE CLASS



Shop lighting, discounters, DIY stores	← APPLICATIONS →	Warehouses, industrial applications, factories, workshops
3,000, 4,000 and 6,500 K	← AVAILABLE LIGHT COLORS →	4,000 K
Up to 7,200 lm (up to 135 lm/W) for optimal lighting of merchandise in shops	← AVAILABLE LUMEN VALUES →	5,600, 8,000, 11,200 lm (up to 160 lm/W) allow use in different heights
High-quality attractive SCALE design, anodized aluminum housing	← DESIGN →	Practical, simple and functional design, white housing
Wide (W): 105°, narrow (NFL): 25°, asymmetrical (WW): 45°, double asymmetrical (DA): 2 × 35°	← BEAM ANGLE →	Very wide (VW): 120°, wide (W): 90°, narrow (N): 60°, very narrow (VN): 30°
Very simple and time-saving installation thanks to snap-in system and interior luminaire holders	← INSTALLATION →	Tool-free click system

For more detailed information about the TruSys® and TruSys® Performance systems see the system data sheet at www.ledvance.com/professional



TRUSYS® PERFORMANCE

Efficient trunking system for a wide range of applications



PRODUCT FEATURES

- Sheet steel housing, lens material: PMMA
- Lifetime (L80/B10): up to 60,000 h (at 25 °C)
- Fixed luminaire taps
- Click into place solution with smart click buttons

PRODUCT BENEFITS

- Economical thanks to high luminous efficacy of 160 lm/W.
- Flexible application through a wide range of beam angles
- Lighting strips with up to 57 luminaires (on/off) and 66 luminaires (DALI)
- Easy installation, no tools required for connection

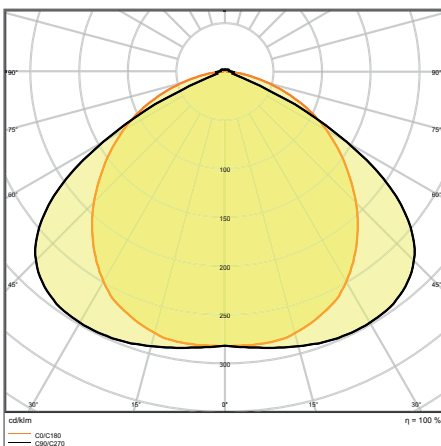
AREAS OF APPLICATION

- Direct replacement for luminaires with fluorescent lamps
- Industry halls, high rack warehouse, garages, hardware stores
- Discounters, supermarkets

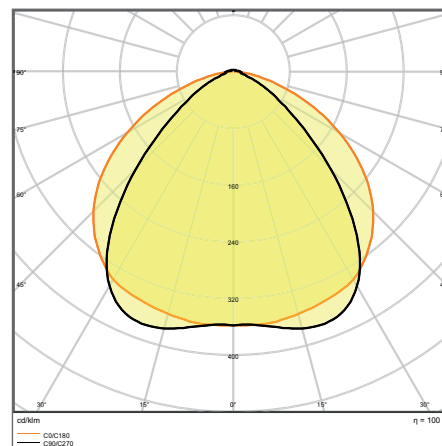
EQUIPMENT / ACCESSORIES

- Mounting rail with fixed integrated 5- and 8-pole cable

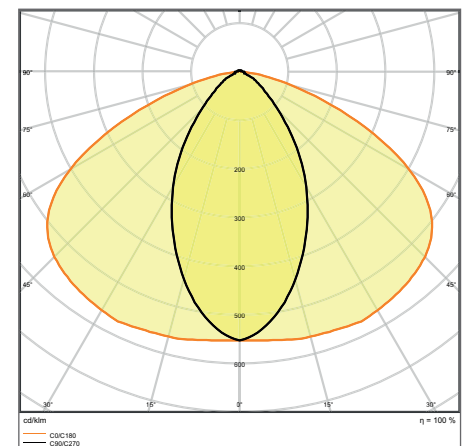
FURTHER PRODUCT DETAILS



TRUSYS PFM 35 W VW 4000 K



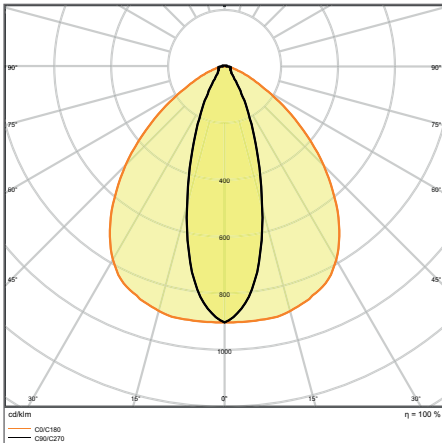
TRUSYS PFM 70 W W 4000 K



TRUSYS PFM 70 W N 4000 K

¹ The D mark refers exclusively to the switchable luminaire inserts, DALI and emergency light versions (EM) are excluded. | ² Refer to www.ledvance.com/guarantee for precise conditions

The pictures shown in the catalog are for illustration purposes only. For information on size and color, please refer to the product table.



TRUSYS PFM 70 W VN 4000 K

TRUSYS® PERFORMANCE

Luminaire inserts for trunking system TruSys® Performance: ON/OFF and DALI

Product name	Segmentation	GTIN (EAN)	RE-PLACEMENT FOR	W	lm	lm/W	K	L70 ¹	L80 ¹	Beam angle	Beam diameter
TruSys PFM VW 35 W 4000 K	■	4058075290921	2x80W FL	35	5600	160	4000	65000	60000	120	-
TruSys PFM W 35 W 4000 K	■	4058075290839	2x80W FL	35	5600	160	4000	65000	60000	90	-
TruSys PFM W 50 W 4000 K	■	4058075290853	2x80W FL	50	8000	160	4000	65000	60000	90	-
TruSys PFM W 70 W 4000 K	■	4058075290891	2x80W FL	70	11200	160	4000	55000	50000	90	-
TruSys PFM N 50 W 4000 K	■	4058075290945	2x80W FL	50	8000	160	4000	65000	60000	60	-
TruSys PFM N 70 W 4000 K	■	4058075290969	2x80W FL	70	11200	160	4000	55000	50000	60	-
TruSys PFM VN 70 W 4000 K	■	4058075290983	2x80W FL	70	11200	160	4000	55000	50000	30	-
TruSys PFM DALI VW 35 W 4000 K	■	4058075291072	2x80W FL	35	5600	160	4000	65000	60000	120	DALI
TruSys PFM DALI W 35 W 4000 K	■	4058075291010	2x80W FL	35	5600	160	4000	65000	60000	90	DALI
TruSys PFM DALI W 50 W 4000 K	■	4058075291034	2x80W FL	50	8000	160	4000	65000	60000	90	DALI
TruSys PFM DALI W 70 W 4000 K	■	4058075291058	2x80W FL	70	11200	160	4000	55000	50000	90	DALI
TruSys PFM DALI N 50 W 4000 K	■	4058075291096	2x80W FL	50	8000	160	4000	65000	60000	60	DALI
TruSys PFM DALI N 70 W 4000 K	■	4058075291119	2x80W FL	70	11200	160	4000	55000	50000	60	DALI
TruSys PFM DALI VN 70 W 4000 K	■	4058075291133	2x80W FL	70	11200	160	4000	55000	50000	30	DALI



Product name	CRI	FLICKER VALUE	Beam angle	L x W x H [mm]	Ø x H [mm]
TruSys PFM VW 35 W 4000 K	≥80	<8 %	1660	1500 x 66.8 x 39.4	
TruSys PFM W 35 W 4000 K	≥80	<8 %	1660	1500 x 66.8 x 39.4	
TruSys PFM W 50 W 4000 K	≥80	<8 %	1660	1500 x 66.8 x 39.4	
TruSys PFM W 70 W 4000 K	≥80	<8 %	1660	1500 x 66.8 x 39.4	
TruSys PFM N 50 W 4000 K	≥80	<8 %	1660	1500 x 66.8 x 39.4	
TruSys PFM N 70 W 4000 K	≥80	<8 %	1660	1500 x 66.8 x 39.4	
TruSys PFM VN 70 W 4000 K	≥80	<8 %	1660	1500 x 66.8 x 39.4	
TruSys PFM DALI VW 35 W 4000 K	≥80	<5 %	1660	1500 x 66.8 x 39.4	
TruSys PFM DALI W 35 W 4000 K	≥80	<5 %	1660	1500 x 66.8 x 39.4	
TruSys PFM DALI W 50 W 4000 K	≥80	<5 %	1660	1500 x 66.8 x 39.4	
TruSys PFM DALI W 70 W 4000 K	≥80	<5 %	1660	1500 x 66.8 x 39.4	
TruSys PFM DALI N 50 W 4000 K	≥80	<5 %	1660	1500 x 66.8 x 39.4	
TruSys PFM DALI N 70 W 4000 K	≥80	<5 %	1660	1500 x 66.8 x 39.4	
TruSys PFM DALI VN 70 W 4000 K	≥80	<5 %	1660	1500 x 66.8 x 39.4	

¹ t [h]: L70/B50 @ 25 °C (Ta) / t [h]: L80/B10 @ 25 °C (Ta)

TRUSYS® PERFORMANCE EMERGENCY

Luminaire inserts for trunking system TruSys® Performance for standard and emergency lighting

Product name	Segmentation	GTIN (EAN)	RE-PLACEMENT FOR	W	lm	lm/W	K	L70 ¹	L80 ¹	°
NEW TruSys PFM EM W 35 W 4000 K AT 3H	■	4058075291157	2x80W FL	35	5600	160	4000	65000	60000	90
NEW TruSys PFM EM W 50 W 4000 K AT 3H	■	4058075291171	2x80W FL	50	8000	160	4000	65000	60000	90
NEW TruSys PFM EM W 70 W 4000 K AT 3H	■	4058075291195	2x80W FL	70	11200	160	4000	55000	50000	90
NEW TruSys PFM EM VW 35 W 4000 K AT 3H	■	4058075291218	2x80W FL	35	5600	160	4000	65000	60000	120
NEW TruSys PFM EM N 50 W 4000 K AT 3H	■	4058075291232	2x80W FL	50	8000	160	4000	65000	60000	60
NEW TruSys PFM EM N 70 W 4000 K AT 3H	■	4058075291256	2x80W FL	70	11200	160	4000	55000	50000	60
NEW TruSys PFM EM VN 70 W 4000 K AT 3H	■	4058075291270	2x80W FL	70	11200	160	4000	55000	50000	30



Product name	CRI	Flicker Value	Icon	L x W x H [mm]	Ø x H [mm]
NEW TruSys PFM EM W 35 W 4000 K AT 3H	≥80	<8 %	1660	1500 x 66.8 x 39.4	
NEW TruSys PFM EM W 50 W 4000 K AT 3H	≥80	<8 %	1660	1500 x 66.8 x 39.4	
NEW TruSys PFM EM W 70 W 4000 K AT 3H	≥80	<8 %	1660	1500 x 66.8 x 39.4	
NEW TruSys PFM EM VW 35 W 4000 K AT 3H	≥80	<8 %	1660	1500 x 66.8 x 39.4	
NEW TruSys PFM EM N 50 W 4000 K AT 3H	≥80	<8 %	1660	1500 x 66.8 x 39.4	
NEW TruSys PFM EM N 70 W 4000 K AT 3H	≥80	<8 %	1660	1500 x 66.8 x 39.4	
NEW TruSys PFM EM VN 70 W 4000 K AT 3H	≥80	<8 %	1660	1500 x 66.8 x 39.4	

EMERGENCY LIGHTING PROPERTIES

Product name	Battery life in emergency operation mode	Type of emergency operation test	Type of emergency light operation	Luminous flux in emergency operation mode	Type of Battery
TruSys PFM EM W 35 W 4000 K AT 3H	3 h	Automatic	Maintained/Non-maintained	600 lm	LiFeP04
TruSys PFM EM W 50 W 4000 K AT 3H	3 h	Automatic	Maintained/Non-maintained	600 lm	LiFeP04
TruSys PFM EM W 70 W 4000 K AT 3H	3 h	Automatic	Maintained/Non-maintained	600 lm	LiFeP04
TruSys PFM EM VW 35 W 4000 K AT 3H	3 h	Automatic	Maintained/Non-maintained	600 lm	LiFeP04
TruSys PFM EM N 50 W 4000 K AT 3H	3 h	Automatic	Maintained/Non-maintained	600 lm	LiFeP04
TruSys PFM EM N 70 W 4000 K AT 3H	3 h	Automatic	Maintained/Non-maintained	600 lm	LiFeP04
TruSys PFM EM VN 70 W 4000 K AT 3H	3 h	Automatic	Maintained/Non-maintained	600 lm	LiFeP04

¹ t [h]: L70/B50 @ 25 °C (Ta) / t [h]: L80/B10 @ 25 °C (Ta)



TRUSYS® PERFORMANCE

Trunking system - Energy rails



- Steel-sheet housing
- Internal power supply at the first luminaire with separate feederThrough-wired with 5-pin or 8-pin cable
- End-Rail without electrical and mechanical connectors
- High flexibility thanks to two available lengths (1500 mm, 3000 mm and 1500 mm end rail)
- Simple installation

AREAS OF APPLICATION

- Industry halls, high rack warehouse, garages, hardware stores

EQUIPMENT / ACCESSORIES

- Various accessories available

TRUSYS® PERFORMANCE ENERGY RAILS

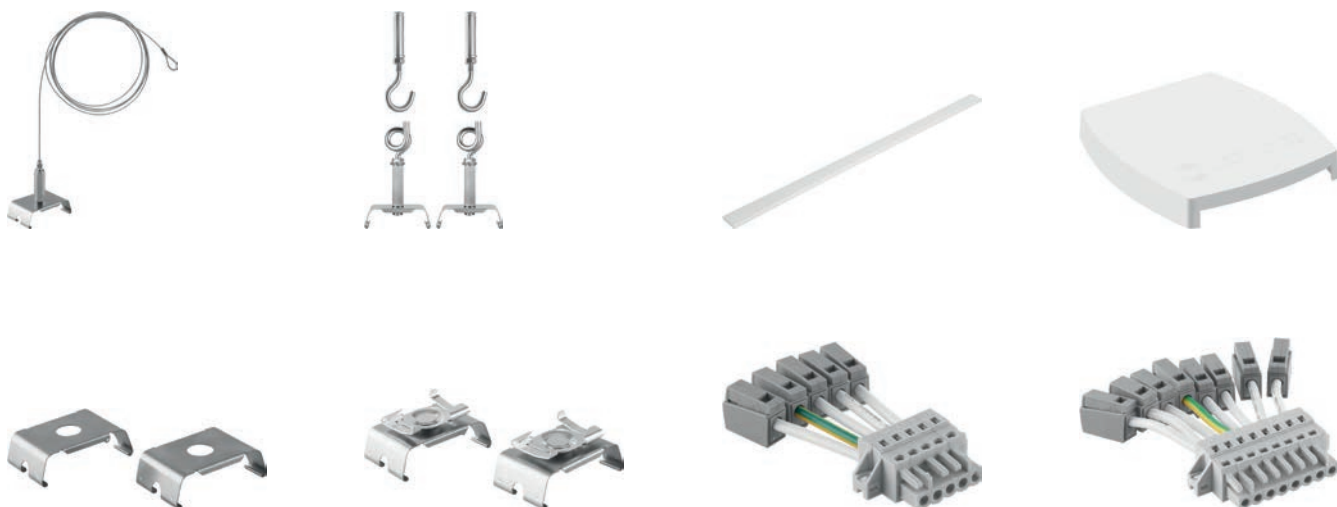
Mounting rails for trunking system TruSys® Performance

Product name	GTIN (EAN)	L x W x H [mm] Ø x H [mm]	MATERIAL	COLOR	
TruSys PFM ENERGY RAIL 5P 1500	4058075299443	1650 x 70 x 39	Steel	White	10
TruSys PFM ENERGY RAIL 5P 1500	4058075299566	1650 x 70 x 39	Steel	White	1
TruSys PFM ENERGY RAIL 5P 1500 END	4058075299474	1500 x 70 x 39	Steel	White	10
TruSys PFM ENERGY RAIL 5P 1500 END	4058075354753	1500 x 70 x 39	Steel	White	1
TruSys PFM ENERGY RAIL 5P 3000	4058075299498	3150 x 70 x 39	Steel	White	10
TruSys PFM ENERGY RAIL 5P 3000	4058075354777	3150 x 70 x 39	Steel	White	1
TruSys PFM ENERGY RAIL 8P 1500	4058075299504	1650 x 70 x 39	Steel	White	10
TruSys PFM ENERGY RAIL 8P 1500	4058075299573	1650 x 70 x 39	Steel	White	1
TruSys PFM ENERGY RAIL 8P 1500 END	4058075299559	1500 x 70 x 39	Steel	White	10
TruSys PFM ENERGY RAIL 8P 1500 END	4058075354760	1500 x 70 x 39	Steel	White	1
TruSys PFM ENERGY RAIL 8P 3000	4058075299450	3150 x 70 x 39	Steel	White	10
TruSys PFM ENERGY RAIL 8P 3000	4058075354784	3150 x 70 x 39	Steel	White	1

¹ Refer to www.ledvance.com/guarantee for precise conditions

TRUSYS® PERFORMANCE


Trunking system - Accessories



- Suspension Kit: wire suspension with bracket and 3 m steel cable
- Chain Kit: set consists of 2 mounting brackets and swing hooks
- End Cap Energy rail: end cap for track and luminaire carrier in one
- Surface Clip: set consists of 2 mounting clips for ceiling mounting
- Grid Ceiling Clip: 1 mounting clip for surface mounting on grid ceilings
- Feed-In: feed at the beginning of the lighting strip (always required)

TRUSYS® PERFORMANCE ACCESSORIES

Mounting accessories for TruSys® Performance

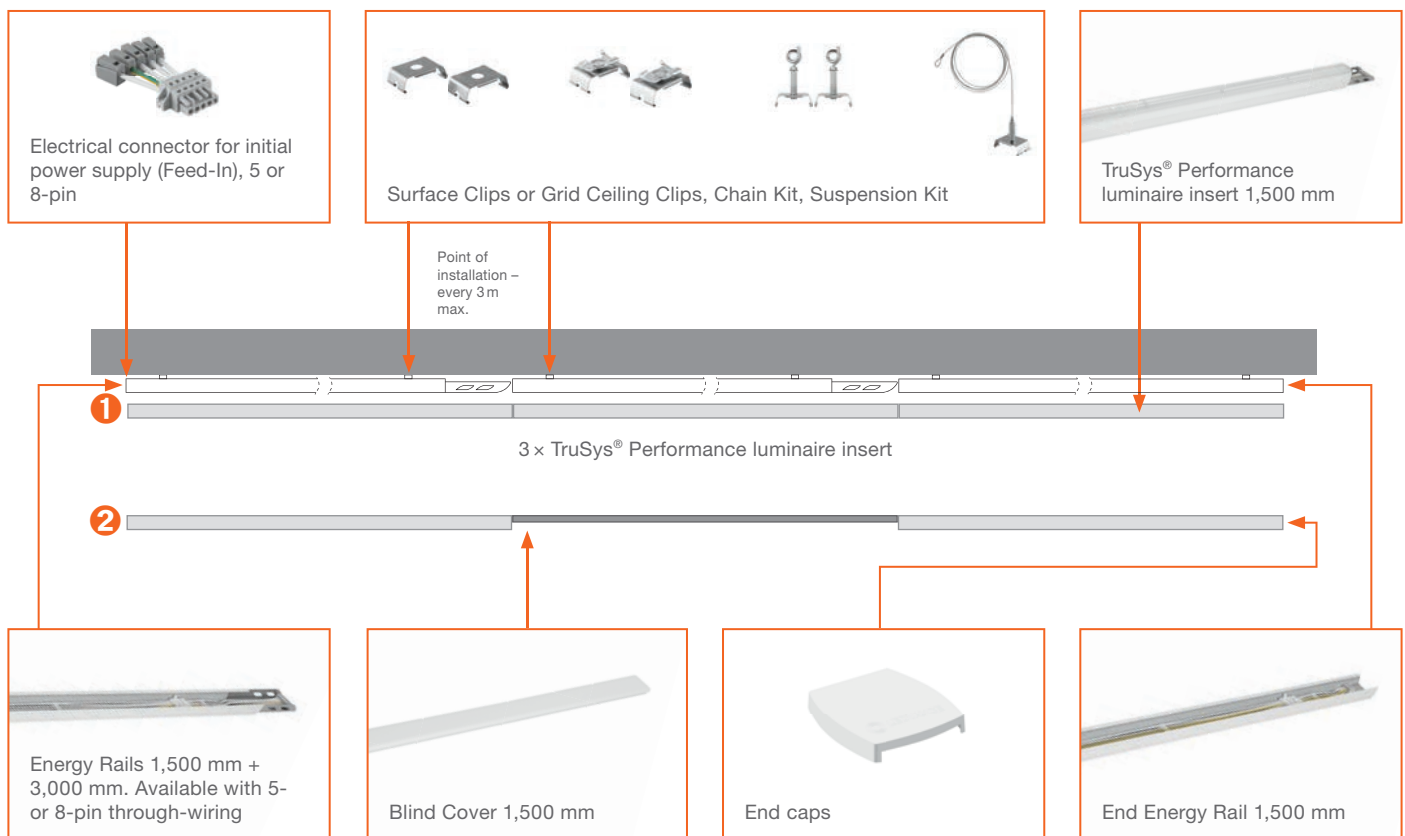
Product name	GTIN (EAN)	L × W × H [mm] ∅ × H [mm]	MATERIAL	COLOR	
TruSys PFM Suspension Kit	4058075284234	3000 × 35 × 65	Steel	White	2
TruSys PFM Chain Kit	4058075284258	90 × 28 × 10	Steel	White	2
TruSys PFM Blind Cover	4058075284296	1500 × 73 × 20	Polycarbonate (PC)	White	1
TruSys PFM End Cap Energy Rail	4058075284319	78 × 72 × 13	Polycarbonate (PC)	White	2
TruSys PFM Surface Clip	4058075284333	57 × 35 × 18	Steel	Silver	2
TruSys PFM Grid Ceiling Clip	4058075284609	57 × 35 × 26	Steel	Silver	2
TruSys PFM Feed-in 5P	4058075284623	85 × 55 × 15	Polycarbonate (PC)	Silver	1
TruSys PFM Feed-in 8P	4058075284647	85 × 55 × 15	Polycarbonate (PC)	Silver	1

¹ Refer to www.ledvance.com/guarantee for precise conditions

OUR CHECKLIST FOR YOUR PERFECT TRUSYS® PERFORMANCE SOLUTION

Example installation: So you can install a tailor-made TruSys® Performance lighting system for your customers we have put together a summary of the components you'll need for individual luminaires or strip lighting. With appropriate accessories depending on the type of mounting (surface or suspended). For simple strip lighting the mechanical and electrical connectors are already integrated in the trunking.

TRUSYS® PERFORMANCE INSTALLATION ① WITHOUT AND ② WITH BLIND COVER



For more information on installation and components see the operating instructions for the relevant TruSys® Performance model.

FOR INSTALLATION YOU WILL NEED:

- 1 x TruSys® Performance Feed-in (5- or 8-pin)
- X x TruSys® Performance Energy Rail 5- or 8-pin (available as a collective (10 x) or single unit)
- 1 x TruSys® Performance End Energy Rail
- X x TruSys® Performance LED luminaire insert (TruSys® Performance Blind Cover as required)
- X x Accessories depending on type of mounting (surface or suspended)
- 1 x set TruSys® Performance End Cap Energy Rail



TRUSYS® PERFORMANCE REQUIREMENTS TABLE



Requirements table for sample strip lighting when allocating luminaire inserts to every second insert adapter (50 %) or every third insert adapter (33 %) on the mounting rails (Energy Rail).

50 %								
Length of strip lighting	TruSys® PFM luminaire insert	Blind cover	3m rail	1.5m rail	End rail	Min. installation points ¹	Feed-in adapter	End caps
4.5m	2	1	1	0	1	2	1	2
7.5m	3	2	2	0	1	3	1	2
10.5m	4	3	3	0	1	4	1	2
13.5m	5	4	4	0	1	5	1	2
16.5m	6	5	5	0	1	6	1	2
19.5m	7	6	6	0	1	7	1	2
22.5m	8	7	7	0	1	8	1	2
25.5m	9	8	8	0	1	9	1	2
28.5m	10	9	9	0	1	10	1	2
31.5m	11	10	10	0	1	11	1	2
34.5m	12	11	11	0	1	12	1	2
37.5m	13	12	12	0	1	13	1	2
40.5m	14	13	13	0	1	14	1	2
43.5m	15	14	14	0	1	15	1	2
46.5m	16	15	15	0	1	16	1	2
49.5m	17	16	16	0	1	17	1	2

33 %								
Length of strip lighting	TruSys® PFM luminaire insert	Blind cover	3m rail	1.5m rail	End rail	Min. installation points ¹	Feed-in adapter	End caps
6.0m	2	2	1	1	1	3	1	2
10.5m	3	4	3	0	1	4	1	2
15.0m	4	6	4	1	1	6	1	2
19.5m	5	8	5	0	1	7	1	2
24.0m	6	10	7	1	1	9	1	2
28.5m	7	12	9	0	1	10	1	2
33.0m	8	14	10	1	1	12	1	2
37.5m	9	16	12	0	1	13	1	2
42.0m	10	18	13	1	1	15	1	2
46.5m	11	20	15	0	1	16	1	2
51.0m	12	22	16	1	1	18	1	2

Luminaire insert 1,500 mm

Blind cover 1,500 mm

All figures mentioned are based on a single installation; deviations from the content possible as per EAN. For precise light planning for your project, please contact your sales representative.
¹ Calculation based on a distance of 0.75 m from the start and end of the rail to the first and last installation point. Additional installation points every 3 m max.



TRUSYS®

High quality trunking system for a wide range of applications



PRODUCT FEATURES

- Luminaire carrier made of high-quality aluminum
- Lifetime (L80/B10): up to 50,000 h (at 25 °C)
- Fixed energy taps for electrical connection
- Mounting clips not visible after installation

PRODUCT BENEFITS

- Luminous efficacy: up to 135 lm/ W
- Innovative optical design with a rod lense-technology over the entire length of the luminaire
- Rows of up to 81 luminaires and a overall length of 124 m possible
- Energy savings of up to 65 % compared to luminaires with 2 x 80 W T5 lamps
- Flexible application through a wide range of beam angles including asymmetrical optics

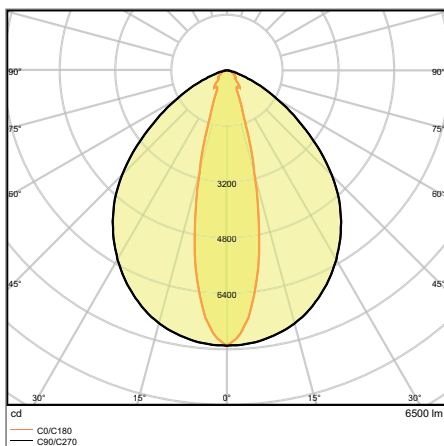
AREAS OF APPLICATION

- Direct replacement for luminaires with compact fluorescent lamps
- Industry halls, high rack warehouse, garages, hardware stores
- Discounters, supermarkets

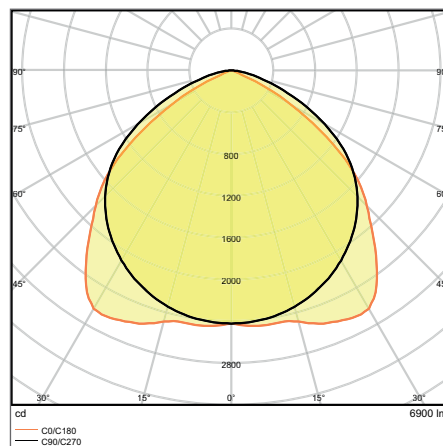
EQUIPMENT / ACCESSORIES

- Mounting rail with fixed integrated 5-pole cable or 7-pole cable

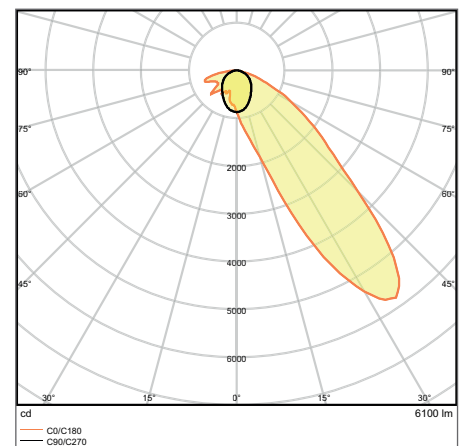
FURTHER PRODUCT DETAILS



TRUSYS 53 W 6500 K NFL



TRUSYS 53 W 6500 K K

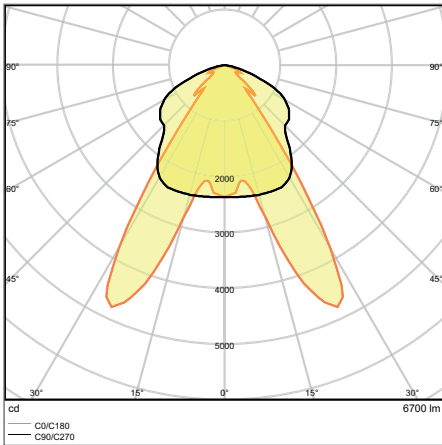


TRUSYS 53 W 6500 K W

¹ Refer to www.ledvance.com/guarantee for precise conditions

The pictures shown in the catalog are for illustration purposes only. For information on size and color, please refer to the product table.

FURTHER PRODUCT DETAILS



TRUSYS 53 W 6500 K DA

Product name		Segmentation	GTIN (EAN)	RE- PLACE- MENT FOR	W	lm	lm/W	K	L70	L80 ¹	△	⤵
NEW	TruSys W 53 W 3000 K SI	■	4058075100459	2x80W FL	53	6600	125	3000	75000	50000	105	-
NEW	TruSys W 53 W 4000 K SI	■	4058075100473	2x80W FL	53	7200	135	4000	75000	50000	105	-
NEW	TruSys W 53 W 6500 K SI	■	4058075100497	2x80W FL	53	6900	130	6500	75000	50000	105	-
NEW	TruSys NFL 53 W 3000 K SI	■	4058075100510	2x80W FL	53	6200	115	3000	75000	50000	25	-
NEW	TruSys NFL 53 W 4000 K SI	■	4058075100534	2x80W FL	53	6700	125	4000	75000	50000	25	-
NEW	TruSys NFL 53 W 6500 K SI	■	4058075100558	2x80W FL	53	6500	125	6500	75000	50000	25	-
NEW	TruSys WW 53 W 3000 K SI	■	4058075100572	2x80W FL	53	5700	110	3000	75000	50000	45	-
NEW	TruSys WW 53 W 4000 K SI	■	4058075100596	2x80W FL	53	6300	120	4000	75000	50000	45	-
NEW	TruSys WW 53 W 6500 K SI	■	4058075100619	2x80W FL	53	6100	115	6500	75000	50000	45	-
NEW	TruSys DA 53 W 3000 K SI	■	4058075100633	2x80W FL	53	6400	120	3000	75000	50000	2 x 35	-
NEW	TruSys DA 53 W 4000 K SI	■	4058075100657	2x80W FL	53	6900	130	4000	75000	50000	2 x 35	-
NEW	TruSys DA 53 W 6500 K SI	■	4058075100671	2x80W FL	53	6700	125	6500	75000	50000	2 x 35	-
NEW	TruSys DALI W 53 W 3000 K SI	■	4058075102460	2x80W FL	53	6600	125	3000	75000	50000	105	DALI
NEW	TruSys DALI W 53 W 4000 K SI	■	4058075102484	2x80W FL	53	7200	135	4000	75000	50000	105	DALI
NEW	TruSys DALI W 53 W 6500 K SI	■	4058075102507	2x80W FL	53	6900	130	6500	75000	50000	105	DALI
NEW	TruSys DALI NFL 53 W 3000 K SI	■	4058075102521	2x80W FL	53	6200	115	3000	75000	50000	25	DALI
NEW	TruSys DALI NFL 53 W 4000 K SI	■	4058075102545	2x80W FL	53	6700	125	4000	75000	50000	25	DALI
NEW	TruSys DALI NFL 53 W 6500 K SI	■	4058075102569	2x80W FL	53	6500	125	6500	75000	50000	25	DALI
NEW	TruSys DALI WW 53 W 3000 K SI	■	4058075102583	2x80W FL	53	5700	110	3000	75000	50000	45	DALI
NEW	TruSys DALI WW 53 W 4000 K SI	■	4058075102606	2x80W FL	53	6300	120	4000	75000	50000	45	DALI
NEW	TruSys DALI WW 53 W 6500 K SI	■	4058075102620	2x80W FL	53	6100	115	6500	75000	50000	45	DALI
NEW	TruSys DALI DA 53 W 3000 K SI	■	4058075102644	2x80W FL	53	6400	120	3000	75000	50000	2 x 35	DALI
NEW	TruSys DALI DA 53 W 4000 K SI	■	4058075102668	2x80W FL	53	6900	130	4000	75000	50000	2 x 35	DALI
NEW	TruSys DALI DA 53 W 6500 K SI	■	4058075102682	2x80W FL	53	6700	125	6500	75000	50000	2 x 35	DALI



Product name		CRI	FLICKER VALUE	IK	ⓘ	L x W x H [mm] Ø x H [mm]
NEW	TruSys W 53 W 3000 K SI	≥80	<5 %	IK07	1740	1534 x 71 x 53
NEW	TruSys W 53 W 4000 K SI	≥80	<5 %	IK07	1740	1534 x 71 x 53
NEW	TruSys W 53 W 6500 K SI	≥80	<5 %	IK07	1740	1534 x 71 x 53
NEW	TruSys NFL 53 W 3000 K SI	≥80	<5 %	IK07	1740	1534 x 71 x 53
NEW	TruSys NFL 53 W 4000 K SI	≥80	<5 %	IK07	1740	1534 x 71 x 53
NEW	TruSys NFL 53 W 6500 K SI	≥80	<5 %	IK07	1740	1534 x 71 x 53
NEW	TruSys WW 53 W 3000 K SI	≥80	<5 %	IK07	1740	1534 x 71 x 53
NEW	TruSys WW 53 W 4000 K SI	≥80	<5 %	IK07	1740	1534 x 71 x 53
NEW	TruSys WW 53 W 6500 K SI	≥80	<5 %	IK07	1740	1534 x 71 x 53
NEW	TruSys DA 53 W 3000 K SI	≥80	<5 %	IK07	1740	1534 x 71 x 53
NEW	TruSys DA 53 W 4000 K SI	≥80	<5 %	IK07	1740	1534 x 71 x 53
NEW	TruSys DA 53 W 6500 K SI	≥80	<5 %	IK07	1740	1534 x 71 x 53
NEW	TruSys DALI W 53 W 3000 K SI	≥80	<5 %	IK07	1800	1534 x 71 x 53
NEW	TruSys DALI W 53 W 4000 K SI	≥80	<5 %	IK07	1800	1534 x 71 x 53
NEW	TruSys DALI W 53 W 6500 K SI	≥80	<5 %	IK07	1800	1534 x 71 x 53
NEW	TruSys DALI NFL 53 W 3000 K SI	≥80	<5 %	IK07	1800	1534 x 71 x 53
NEW	TruSys DALI NFL 53 W 4000 K SI	≥80	<5 %	IK07	1800	1534 x 71 x 53
NEW	TruSys DALI NFL 53 W 6500 K SI	≥80	<5 %	IK07	1800	1534 x 71 x 53
NEW	TruSys DALI WW 53 W 3000 K SI	≥80	<5 %	IK07	1800	1534 x 71 x 53
NEW	TruSys DALI WW 53 W 4000 K SI	≥80	<5 %	IK07	1800	1534 x 71 x 53
NEW	TruSys DALI WW 53 W 6500 K SI	≥80	<5 %	IK07	1800	1534 x 71 x 53
NEW	TruSys DALI DA 53 W 3000 K SI	≥80	<5 %	IK07	1800	1534 x 71 x 53
NEW	TruSys DALI DA 53 W 4000 K SI	≥80	<5 %	IK07	1800	1534 x 71 x 53
NEW	TruSys DALI DA 53 W 6500 K SI	≥80	<5 %	IK07	1800	1534 x 71 x 53

¹ t [h]: L70/B50 @ 25 °C (Ta) / t [h]: L80/B10 @ 25 °C (Ta)

TRUSYS®

Trunking system - Energy rails



- Rigid housing made of aluminum
- Internal power supply at the first luminaire with separate feeder
- Through-wired with 5-pin or 7-pin cable
- High flexibility thanks to three available lengths (1500 mm, 3000 mm, 4500 mm)
- Simple installation

AREAS OF APPLICATION

- Industry halls, high rack warehouse, garages, hardware stores
- Discounters, supermarkets

EQUIPMENT / ACCESSORIES

- Various accessories available*

TRUSYS® ENERGY RAILS

Mounting rails for trunking system TruSys®

Product name	GTIN (EAN)	L x W x H [mm] Ø x H [mm]	MATERIAL	COLOR	
TruSys ENERGY RAIL 1500 5X2,5	4058075100299	1535 x 67 x 44	Aluminum	Silver	1
TruSys ENERGY RAIL 3000 5X2,5	4058075100312	3070 x 67 x 44	Aluminum	Silver	1
TruSys ENERGY RAIL 4500 5X2,5	4058075100336	4605 x 67 x 44	Aluminum	Silver	1
TruSys ENERGY RAIL DALI 1500 7X2,5	4058075103450	1535 x 67 x 44	Aluminum	Silver	1
TruSys ENERGY RAIL DALI 3000 7X2,5	4058075103474	3068 x 67 x 44	Aluminum	Silver	1
TruSys ENERGY RAIL DALI 4500 7X2,5	4058075103498	4601 x 67 x 44	Aluminum	Silver	1

* Refer to www.ledvance.com/guarantee for precise conditions



TRUSYS®

Trunking system - Accessories



- Suspension Kit: wire suspension with bracket and 3 m steel cable
- Blind Cover: 1534 mm
- Electrical Connector: for initial power supply

TRUSYS® ACCESSORIES

Mounting accessories for TruSys®

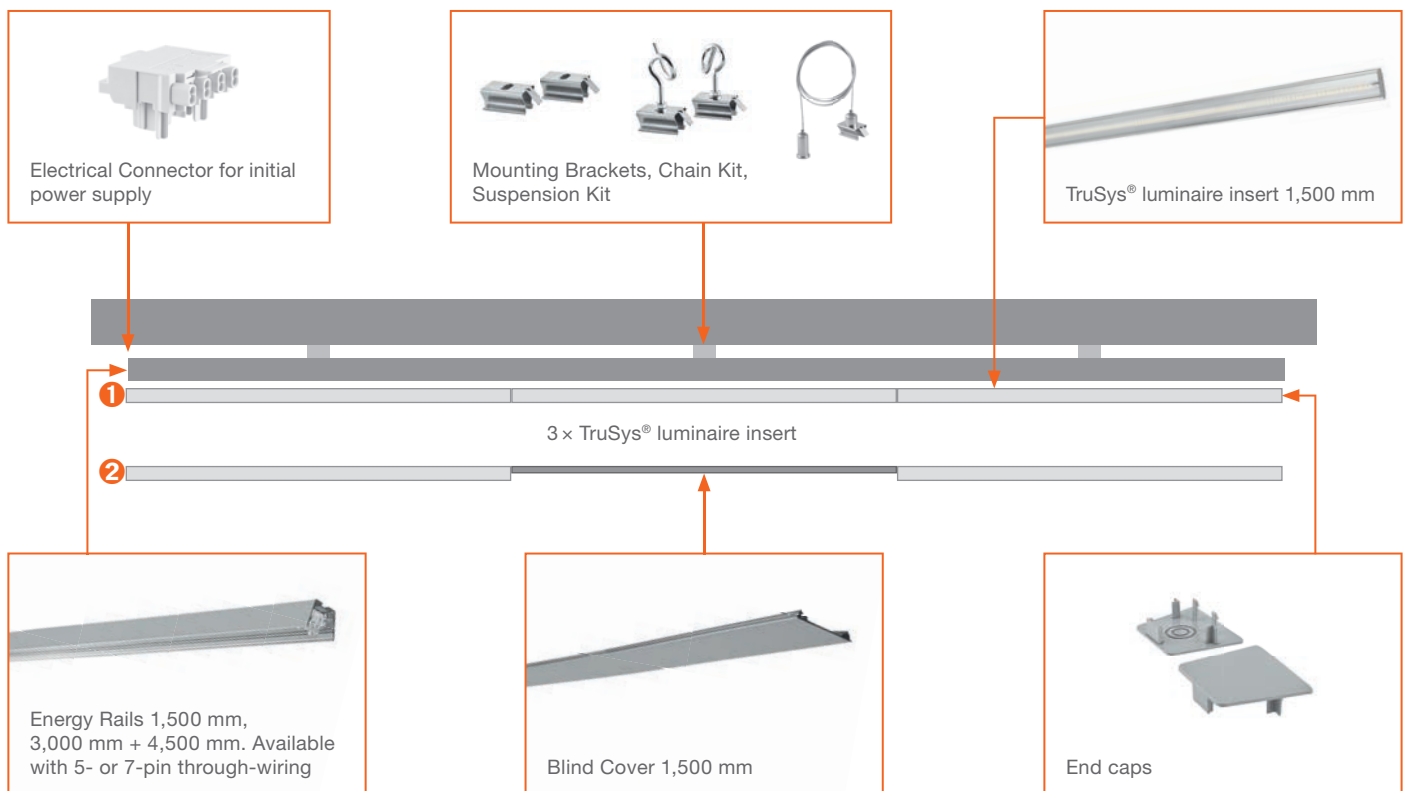
Product name	GTIN (EAN)	L x W x H [mm] Ø x H [mm]	MATERIAL	COLOR	
TruSys End Cap Energy Rail	4058075100411	12 x 67 x 47	Aluminum	Aluminum	2
TruSys Suspension Kit	4058075100350	3000 x - x -	Aluminum	Silver	2
TruSys Mounting Brackets	4058075100435	30 x 20 x 15	Aluminum	Aluminum	2
TruSys Chain Kit	4058075100374	44 x 40 x 55	Aluminum	Silver	2
TruSys Blind Cover	4058075100398	1534 x 67 x 12	Aluminum	Silver	1
TruSys Electrical Connector	4058075155565	42 x 41 x 29	Aluminum	White	1
TruSys Electrical Connector DALI	4058075155589	42 x 41 x 29	Aluminum	White	1

¹ Refer to www.ledvance.com/guarantee for precise conditions

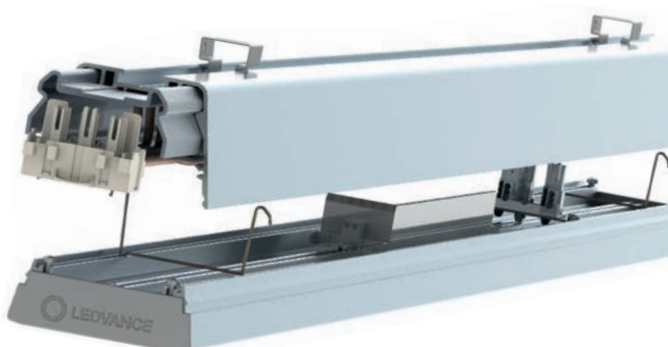
OUR CHECKLIST FOR YOUR PERFECT TRUSYS® SOLUTION

Example installation: So you can install a tailor-made TruSys® lighting system for your customers we have put together a summary of the components you'll need for individual luminaires or strip lighting. With appropriate accessories depending on the type of mounting (surface or suspended). For simple strip lighting the mechanical and electrical connectors are already integrated in the trunking.

TRUSYS® INSTALLATION ① WITHOUT AND ② WITH BLIND COVER



For more information on installation and components see the operating instructions for the relevant TruSys® model.



FOR INSTALLATION YOU WILL NEED:



- 1 × TruSys® Electrical Connector (5 × 2.5 or 7 × 2.5)
- X × TruSys® Energy Rail
- X × TruSys® LED luminaire insert (TruSys® Blind Cover as required)
- X × Accessories depending on type of mounting (surface or suspended)
- 1 × Set TruSys® End Cap Energy Rail

TRUSYS® REQUIREMENTS TABLE



Requirements table for sample strip lighting when allocating luminaire inserts to every second insert adapter (50 %) or every third insert adapter (33 %) on the mounting rails (Energy Rail).

50 %								
Length of strip lighting	TruSys® luminaire insert	Blind cover	4.5 m rail	3 m rail	1.5 m rail	Min. installation points ¹	Feed-in adapter	End caps
4.5 m	2	1	1	0	1	2	1	2
7.5 m	3	2	1	1	0	3	1	2
10.5 m	4	3	2	0	1	4	1	2
13.5 m	5	4	3	0	0	5	1	2
16.5 m	6	5	3	1	0	6	1	2
19.5 m	7	6	4	0	1	7	1	2
22.5 m	8	7	5	0	0	8	1	2
25.5 m	9	8	5	1	0	9	1	2
28.5 m	10	9	6	0	1	10	1	2
31.5 m	11	10	7	0	0	11	1	2
34.5 m	12	11	7	1	0	12	1	2
37.5 m	13	12	8	0	1	13	1	2
40.5 m	14	13	9	0	0	14	1	2
43.5 m	15	14	9	1	0	15	1	2
46.5 m	16	15	10	0	1	16	1	2
49.5 m	17	16	11	0	0	17	1	2

33 %								
Length of strip lighting	TruSys® luminaire insert	Blind cover	4.5 m rail	3 m rail	1.5 m rail	Min. installation points ¹	Feed-in adapter	End caps
6.0 m	2	2	1	0	1	3	1	2
10.5 m	3	4	2	0	1	4	1	2
15.0 m	4	6	3	0	1	6	1	2
19.5 m	5	8	4	0	1	7	1	2
24.0 m	6	10	5	0	1	9	1	2
28.5 m	7	12	6	0	1	10	1	2
33.0 m	8	14	7	0	1	12	1	2
37.5 m	9	16	8	0	1	13	1	2
42.0 m	10	18	9	0	1	15	1	2
46.5 m	11	20	10	0	1	16	1	2
51.0 m	12	22	11	0	1	18	1	2

 Luminaire insert 1,500 mm

 Blind cover 1,500 mm

All figures mentioned are based on a single installation; deviations from the content possible as per EAN. For precise light planning for your project, please contact your sales representative.
¹ Calculation based on a distance of 0.75 m from the start and end of the rail to the first and last installation point. Additional installation points every 3 m max.

