

PRODUCT DATASHEET

TruSys® PFM DS 70 W/4000 K

TruSys® PERFORMANCE DOUBLE ASYMMETRIC | Luminaire inserts with double asymmetrical light distribution



Areas of application

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

Product benefits

- Double directed light distribution for shelf illumination
- Easy installation, no tools required for connection
- Energy saving and cost-effective
- Flexible application due to a range of different lumen packages and beam angles
- Rows of up to 57 luminaires possible

Product features

- Beam angle double asymmetric: 2x30°
- Click into place solution with smart click buttons
- Luminous efficacy: up to 160 lm/W
- Fixed luminaire taps
- Lumen package 5600 lm, 8000 lm, 11200 lm
- Steel-sheet housing
- Lens material: PMMA
- Type of protection: IP20



- Common family design with LEDVANCE
- Lifetime (L80/B10): up to 60,000 h

TECHNICAL DATA

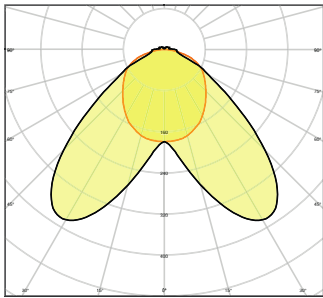
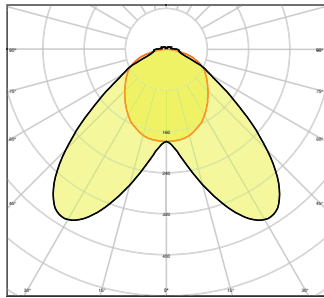
Electrical data

Nominal wattage	70.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	380 mA
Inrush current	32 A
Inrush current time T_{h50}	400 μ s
Max. no. of lum. on circuit break. B16 A	5
Max. no. of lum. on circuit break. C10 A	5
Max. no. of lum. on circuit break. C16 A	9
Power factor λ	> 0.90
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Integrated LED driver

Photometrical data

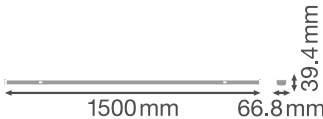
Luminous flux	11200 lm
Luminous efficacy	160 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	≥ 80
Standard deviation of color matching	≤ 3 sdcn
Low flicker	Yes
Photobiological safety group acc. to EN62778	RG1
Beam angle	2 x 30 °
UGR	21





Dimensions & Weight

Length	1500.00 mm
Width	66.80 mm
Height	39.40 mm
Product weight	1660.00 g



Materials & Colors

Product color	White
Housing color	White
Body material	Steel
Cover material	Polymethylmethacrylate (PMMA)
Light emitting surface material	PMMA
Glow Wire Test according to IEC 60695-2-12	650 °C



Mercury content	0.0 mg
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Application & Mounting

Ambient temperature range	-25...+40 °C
Type of connection	Plug-In connection
Type of protection	IP20
Protection class IK (shock resistance)	IK04
Dimmable	No
Mounting type	Suspended/Surface
Mounting location	Mounting rail
Application environment	Indoor
LED module replaceable	Not replaceable
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	55000 h
Lifespan L80/B10 at 25 °C	50000 h
Lifespan L90/B10 at 25 °C	40000 h
Number of switching cycles	100000

Control gear

Output current	980 mA
ECG - Output ripple current	< 20 %

Certificates & Standards

Standards	CE / CB / ENEC / EAC
Ball shot safe	No

EQUIPMENT / ACCESSORIES

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

DOWNLOAD DATA

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	User instruction

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Addon Technical Information



Tender documents



Declarations of conformity



IES file (IES)



LDT file (Eulumdat)



R3D file (Relux 3D Model)



M3D file (3D Model)



ULD file (DIALux)



UGR file (UGR table)

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075398832	Folding box 1	108 mm x 1,534 mm x 102 mm	1835.00 g	16.90 dm ³
4058075398849	Shipping box 4	1,547 mm x 218 mm x 231 mm	8133.00 g	77.90 dm ³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

