

PL-LIN-PRO 770-830-280

PrevaLED Linear Pro | Linear Light Engines



Product family features

- Beam angle: 120° ($\pm 5^\circ$)
- Color rendering index Ra: >80 and >90
- Consistent white light: 3 SDCM
- High flexibility due to different available lengths: 140 mm, 280 mm, 560 mm, 1,120 mm
- Poke-in wire connection for 0.5 mm² wire

Product family benefits

- High module efficacy: up to 175 lm/W
- Homogeneous light distribution
- No special connection cable required
- Self-cooling
- Cost-effective module for SELV and non-SELV systems
- Geometry according to Zhaga Book 7
- Cut out area for shadow-free wiring

Areas of application

- Office lighting (workplaces, corridors)
- Indoor car parks
- Industry (storage, warehouse, retail)
- Public area lighting (corridors, stairways, train stations)



Product datasheet

Technical data

Electrical data

Nominal voltage	16.5 V
Nominal current	0.3 A
Nominal wattage	4.95 W
Rated wattage	4.95 W
Type of current	DC

Photometrical data

Luminous efficacy	155 lm/W
Color temperature	3000 K
Color rendering index Ra	≥80

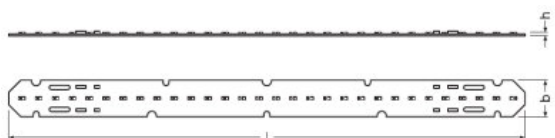
Light technical data

Beam angle	120 °
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LED module information

Number of LEDs per module	30
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Dimensions & weight



Product weight	19.00 g
Length	280.0 mm

Temperatures & operating conditions

Performance temp. acc. to IEC 62717	55 °C
Temperature range in operation at Tc point	-20...+85 °C
Maximum temperature at tc test point	85 °C
Temperature range at storage	-30...85 °C

Product datasheet

Ambient temperature range	-20...+65 °C
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Lifespan

Rated lamp life time	50000 h
Nominal lamp life time	50000 h


Certificates & standards

Standards	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 60529/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547/CE
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Logistical data

Commodity code	888888888888
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Download Data

File
 Declarations of conformity CED PL-LIN-PRO family

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899586819	PL-LIN-PRO 770-830-280	Shipping carton box 100	425 mm x 320 mm x 130 mm	17.68 dm ³	2638.00 g

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.