

PRODUCT DATASHEET

LINEAR ULTRALED PFM 55W 5000K 8800 lm

LINEAR ULTRALED PERFORMANCE WD | Linear LED luminaire high-flux and efficiency with 85° symmetrical opening angle

Areas of application

- Living areas (living rooms, dining rooms, bedrooms etc.)
- Professional (hotels, bars, boutiques etc.)
- Decorative illumination
- For indoor use only



Product benefits

- Creative design for interior decoration
- Ideal for decorative and free-burning applications
- Made of solid aluminum with high-quality appearance
- Easy to install, easy to maintain
- Flexible lighting thanks to countless mounting possibilities
- E27 screw base for simple lamp handling

Product features

- Reduced industrial design
- Flexible mounting options: leash principle
- Made of classic materials
- Special vintage appearance when combined with 1906 LED or halogen lamps
- Type of protection: IP20

TECHNICAL DATA

Electrical data

Nominal wattage	55.00 W
Nominal voltage	120...277 V
Mains frequency	50/60 Hz
Nominal current	500.000 mA
Power factor λ	> 0.90
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	8800 lm
Luminous efficacy	160 lm/W
Color temperature	5000 K
Light color (designation)	Cold White
Color rendering index Ra	> 80
Standard deviation of color matching	5 sdcm
Low flicker	Yes
Beam angle	85 °

Dimensions & Weight

Length	1189.00 mm
Width	52.00 mm
Height	49.00 mm
Product weight	1561.00 g

Materials & Colors

Product color	White
Housing color	White
Cover material	Polycarbonate (PC)
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-30...+50 °C
Type of protection	IP20
Protection class IK (shock resistance)	IK04
Dimmable	No

Mounting type	Surface
Mounting location	Mounting rail
Application environment	Indoor
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	50000 h ¹⁾
Number of switching cycles	50000

¹⁾ t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)



Certificates & Standards

Replaceable light source (EPREL)	Not replaceable
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EQUIPMENT / ACCESSORIES

– Mounting screws and dowels included

DOWNLOAD DATA

Photometric and lighting design files		Document name
	IES file (IES)	LEDVANCE LINEAR ULTRALED PFM 55W 850
	LDT file (Eulumdat)	Linear Ultraled Performance 55W Cool

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854150210	Sleeve 1	1,300 mm x 57 mm x 69 mm	1219.00 g	5.11 dm ³
4099854150227	Shipping box 6	1,325 mm x 190 mm x 160 mm	7514.00 g	40.28 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.