

# PRODUCT DATASHEET

## DOWNLIGHT PFM SURFACE 40W 4000K 50° 4800 LM 36DEG

DOWNLIGHT SURFACE | Aluminum LED luminaire with polycarbonate diffuser for ceiling mounting



### Areas of application

- Suitable for office applications, especially for computer screen workplaces
- Offices, retail outlets and conference rooms
- Hotels, restaurants, shops
- Bathrooms, kitchens and sheltered outdoor areas
- Entrances / Hallways
- Public buildings
- Shops

### Product benefits

- Stylish and modern design
- Low maintenance and operation costs due to long lifetime of LED
- Die-cast aluminum housing for improved heat dissipation
- Instant 100 % light, no warm-up time
- Low energy consumption
- 3 years guarantee
- Very homogenous light

### Product features

- Symmetrical beam angle
- Housing material: Aluminum mirror-finished reflector
- Lifetime: up to 35,000 h (at max. tc temperature)
- Type of protection: IP20

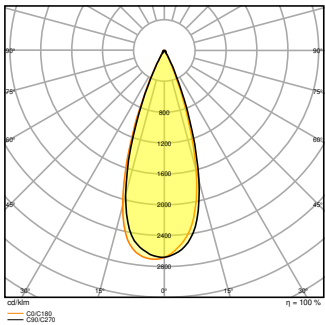
TECHNICAL DATA

Electrical data

Nominal wattage	40.00 W
Nominal voltage	100...240 V
Mains frequency	50...60 Hz
Power factor $\lambda$	> 0.90
Total harmonic distortion	< 20 %
Protection class	II
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	4800 lm
Luminous efficacy	120 lm/W
Color temperature	4000 K
Light color (designation)	Neutral White
Color rendering index Ra	> 80
Standard deviation of color matching	≤5 sdc <sub>m</sub>
Low flicker	Yes
Flickering metric (Pst LM)	-
Beam angle	50 °



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UV & Air cleaning

Maximum disinfection volume flow	No
UV radiated power	No
Average radiation dose	No
Noise level in UV-C disinfection mode	No

## Dimensions &amp; Weight

Diameter	171.00 mm
Height	172.00 mm
Product weight	1920.00 g

## Materials &amp; Colors

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

## Application &amp; Mounting

Ambient temperature range	-20...+40 °C
Type of protection	IP20
Protection class IK (shock resistance)	IK03
Dimmable	No
Mounting type	Surface
Mounting location	Ceiling
Application environment	Indoor
Replaceable light source	No

## Lifespan



Lifespan L70/B50 at 25 °C	35000 h <sup>1)</sup>
Number of switching cycles	17500

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

## Certificates &amp; Standards

Replaceable light source (EPREL)	Not replaceable
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## DOWNLOAD DATA

Photometric and lighting design files		Document name
	IES file (IES)	LEDV DL PFM SURFACE 40W 840 36
	Light distribution curve type polar	LEDV DL PFM SURFACE 40W 840 36

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075794542	Folding box 1			
4058075794559	Shipping box 0			

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.