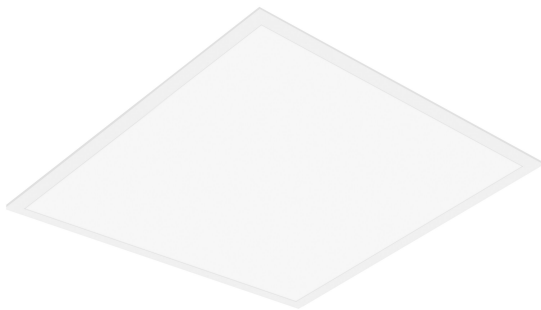


# PRODUCT DATASHEET

## PL ECO HLO 600 E 40W 840 U19

PANEL ECO HLO 600 UGR<19 | Square recessed panel luminaires with low glare, 600x600 mm



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### Areas of application

- Direct replacement for luminaires with fluorescent lamps
- Offices, conference rooms
- Reception areas and foyers
- Corridors
- Suitable for recessed ceiling systems with grid size of 600 x 600 mm

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### Product benefits

- Good glare reduction (UGR < 19)
- Low flicker light thanks to special electronic control gear
- Energy savings thanks to high system efficacy: up to 120 lm/W
- External driver for extended flexibility and easy installation

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### Product features

- Lifetime (L70/B50): up to 50,000 h (at 25 °C)
- 5 years warranty

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## TECHNICAL DATA

### Electrical data

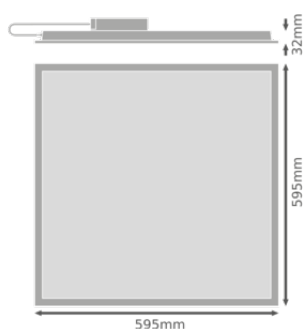
Nominal wattage	40.00 W
Nominal voltage	220...240 V
Mains frequency	50 Hz
Nominal current	185.000 mA
Max. number of luminaires per miniature circuit breaker B16	12
Max. number of luminaires per miniature circuit breaker C16	21
Power factor $\lambda$	> 0.90
Total harmonic distortion	< 20 %
Protection class	II

### Photometrical data

Luminous flux	4640 lm
Luminous efficacy	116 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	> 80
Standard deviation of color matching	< 5 sdcn
Flickering metric (Pst LM)	<1
Stroboscope effect metric (SVM)	< 0.4
Photobiological safety group acc. to EN62778	RG0
Beam angle	90 °
UGR	< 19

### Dimensions & Weight

Length	595.00 mm
Width	595.00 mm
Height	32.00 mm
Product weight	1635.00 g



### Materials & Colors

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

### Application & Mounting

Ambient temperature range	0...+40 °C
Type of connection	Screwless terminal, 5-Pole (L, N, PE, DA+, DA-)
Type of protection	IP20
Protection class IK (shock resistance)	IK02
Dimmable	No
Mounting type	Recessed
Application environment	Indoor
Mounting length	575 mm
Mounting width	575 mm
Mounting depth	50 mm
LED module replaceable	Not replaceable

### Lifespan

Lifespan L70/B50 at 25 °C	50000 h <sup>1)</sup>
Lifespan L80/B10 at 25 °C	35000 h <sup>1)</sup>
Lifespan L90/B10 at 25 °C	15000 h

<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 & Standards

Luminaire with limited surface temperature, "D sign"	No
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**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854187551	Folding box 1	36 mm x 600 mm x 645 mm	1990.00 g	13.93 dm <sup>3</sup>
4099854187568	Shipping box 6	620 mm x 235 mm x 673 mm	12870.00 g	98.06 dm <sup>3</sup>

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.