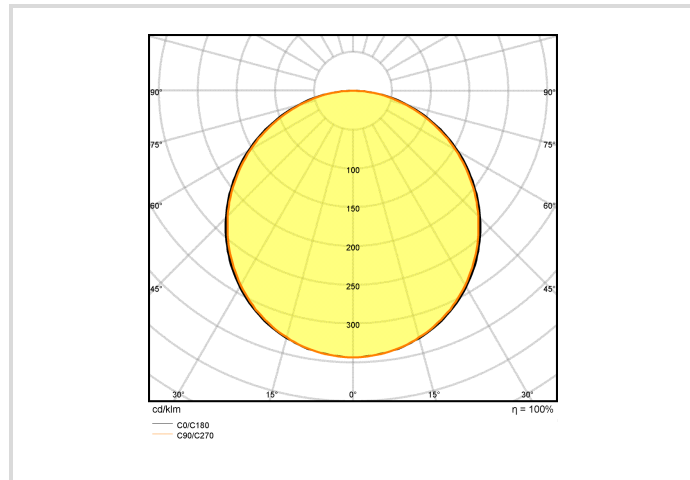


LED-Retrofit for grid luminaire

LED PANEL S 625 40W/6500K 230V

Radium

Product Datasheet Date: 04.04.2026



A



6500K

General Data

Article No.	PNLA1788
Code	LED PANEL S 625 40W/6500K 230V
Product EAN	4003556005914
Product weight	2300 g
Product status	● Inactive

Electric Parameters

Max. system power	40.0 W
Power factor	≥ 0.9
Nominal voltage	220-240 V
Voltage type	AC
Nominal current (mA)	185 mA
Number of poles	2
Inrush current	10 A
Mains frequency	50 ... 60 Hz
dimmbable	No
Dimming with push-button	No

Light Application Parameters

Luminous flux adjustable	No
Luminous flux	3400 lm
Rated luminous flux according to IEC 62722-2-1	3400 lm
Beam angle adjustable	No
Beam angle	115 °
Efficacy	85 lm/W
Colour of light adjustable	No
Colour of light	White
Code of light color	865
Color temperature	6500 K
Color rendering index	> 80
Color Stability	≤ 5 sdcn
Light sharing	Symmetric
With light sensor	No

Service Life

Mean service life	30000 h
Lifetime L70B50	30000 h
No. switching cycles	≥30000

Specification

Energylabel (E -> A++)	A
Length	620 mm
Length	620 mm
Height	8,2 mm
Width	620 mm
Mercury content	0.0 mg
Impact strength	IK02
Photobiological safety according to EN 62471	RG0
With light source	Yes
Exchangeable control gear	No

Notes on Operation

Degree of protection (IP)	IP20
Mode of operation	with external LED driver
Connection type	Push-in clamp

Notes on Operation

Max. number of luminaires per B10 circuit breaker	9
Max. number of luminaires per B16 circuit breaker	11
Max. number of luminaires per C16 circuit breaker	14
Permissible storage temperature	-20...+70 °C
Luminaire with limited surface temperature, sign "D" according to EN 60598-2-24	No
Glow wire test	650 °C - 30s
Mounting type	Inlay for ceiling grid
Type of control gear	LED operating device current-controlled
With light sensor	No
With movement sensor	No
Suitable for emergency lighting	No
Emergency power supply integrated	No

Information especially for EPREL

Mains/Non mains connectable	MLS
Directional or non-directional light	NDLS
Color tunable light source	No
Type of color temperature	SINGLE_VALUE
Flickering value Pst LM	1
Stroboscope effect value SVM	0.4

Notes

Very flat LED retrofit panel for standard grid luminaires, homogenous light emission due to longlife PMMA diffusion disc , non-dim.

Please, refer to www.radium.de/recycling for notes on disposal of burned-out lamps as well as lamp breakage.

The "lifespan L70" described for LED lamps indicates the number of hours when the luminous flux has decreased to 70% of its initial value.

The optimal field 'info about service life' contains the frame conditions according to standards based on which the specific service life has been determined. So, for example, "12B50, 50Hz" means that the mean service life (B50) has been determined with a 12h switching cycle at mains (frequency 50Hz), "3B50, HF" is based on a 3h switching cycle at electronic control gear (high frequency).

Special features



General notes

The technical design data in accordance with DIN and IEC. The producer does not take any responsibility for damage to persons or property in case of unsuitable operation or handling of the product. Operating data and dimensions are valid within the usual tolerances. Related lamp types (different bases, mains voltages) may be available on request. Sale and delivery are effected in accordance with the Radium Terms of Delivery and Payment valid on the day of conclusion of contract. Packing units offer economical advantages to the purchase and logistic department. Please match your quantity volume accordingly. For orders of a minimum quantity (clefts) with a lamp model the amount lower than the volume of each packaging unit, we will invoice 10 % additional charge per lamp type. Technical changes and terms of delivery are reserved. Manipulation of any kind to packaging or product is not permissible as this will violate Radium brand rights. Furthermore, technical properties of the product can change to its disadvantage or even destruction. Therefore, Radium cannot be responsible for consequential damages.

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All technical data without guarantee.