PHILIPS

RC091V LED50S/840 PSU W32L128 KR G2

911401806787

SmartBright Slim Panel, 110 lm/W, 840 neutral white

The SmartBright range contains a selection of popular LED luminaires that comes with the high Philips quality levels at a competitive price. Reliable, energy efficient and affordable – just what you need.

Warnings and Safety

- KS/KC certification

General Information

Number of gear units	1 unit
Gear	EB [Electronic]
Driver included	Yes
Light source engine type	LED
Value ladder	Value
Warranty period	3 years

Light Technical

Luminous Flux	5,500 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	110 lm/W
Color rendering index (CRI)	80
Number of light sources	1
Beam angle of light source	- degree(s)
Light source color	840 neutral white
Optic type	Symmetric 110º
Luminaire light beam spread	110°
Unified glare rating CEN	24

Operating and Electrical

Input Voltage	220/240 V
Line Frequency	50 or 60 Hz
Inrush current	32.4 A
Inrush time	0.149 ms
Power Consumption	50 W
Power Factor (Fraction)	0.9

Connection	Push-in connector 3-pole
Cable	Cable 0.3 m with connector 3-pole
Number of products on MCB of 16 A type B	18
Suitable for random switching	Not applicable
Protection class IEC	Safety class I

Controls and Dimming

Dimmable	-
Control interface	-
Maximum dim level	Not applicable

Mechanical and Housing

Housing Material	Aluminum extruded
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover material	Polystyrene
Housing Color	White RAL 9003
Mounting device	Surface
Optical cover finish	Frosted
Overall length	1,282 mm
Overall width	322 mm
Overall height	25.5 mm
Dimensions (Height x Width x Depth)	26 x 322 x 1282 mm
Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Optical cover type	PS
Net Weight (Piece)	2.560 kg

Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	No
ENEC mark	-
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	-10 to +40 °C

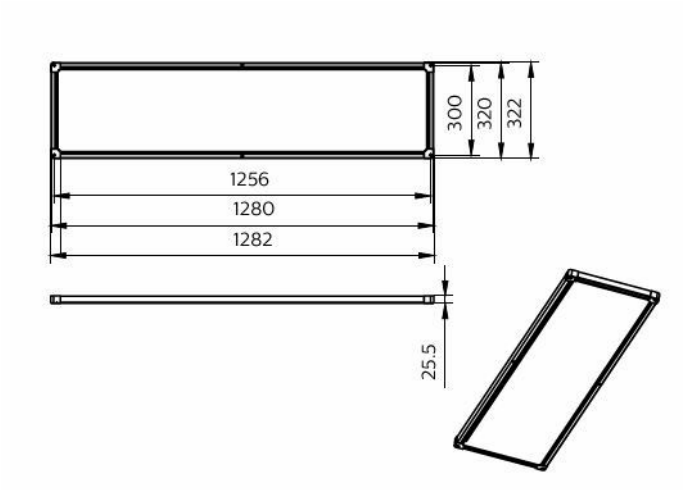
Initial Performance (IEC Compliant)

Luminous flux tolerance	+15%/-5%
Initial chromaticity	(0.38, 0.38) SDCM≤5
Power consumption tolerance	+/-10%

Product Data

Order product name	RC091V LED50S/840 PSU W32L128 KR G2
Full product name	RC091V LED50S/840 PSU W32L128 KR G2
Full product code	872016975121799
Order code	911401806787
Material Nr. (12NC)	911401806787
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169751217
Numerator - Packs per outer box	4
EAN/UPC - Case	8720169751255

Dimensional drawing



Related Documents

Documents and certificates	Document Name	Download
Installation Instructions	RC091KR-MI-INI.pdf	Download

Photometry and lighting design	Document Name	Download
IES File	RC091KR-W32L128-IES.ies	Download

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