



SmartBright Slim Panel

RC091V LED50S/857 PSU W32L128 KR G2

SmartBright Slim Panel, 110 lm/W, 857 daylight

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

Product data

General Information		Optic type	
Number of gear units	1 unit	Optic type	Symmetric 110°
Gear	EB [Electronic]	Luminaire light beam spread	110°
Driver included	Yes	Unified glare rating CEN	24
Light source engine type	LED	Operating and Electrical	
Value ladder	Value	Input Voltage	220/240 V
Warranty period	3 years	Line Frequency	50 or 60 Hz
Light Technical		Inrush current	32.4 A
Luminous Flux	5,500 lm	Inrush time	0.149 ms
Correlated Color Temperature (Nom)	5700 K	Power Consumption	50 W
Luminous Efficacy (rated) (Nom)	110 lm/W	Power Factor (Fraction)	0.9
Color rendering index (CRI)	80	Connection	Push-in connector 3-pole
Number of light sources	1	Cable	Cable 0.3 m with connector 3-pole
Beam angle of light source	- degree(s)	Number of products on MCB of 16 A type B	18
Light source color	857 daylight	Suitable for random switching	Not applicable

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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

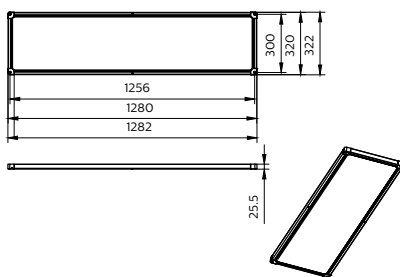
Initial Performance (IEC Compliant)

Luminous flux tolerance	+15%/-5%
Initial chromaticity	(0.33, 0.34) SDCMs5
Power consumption tolerance	+/-10%

Product Data

Order product name	RC091V LED50S/857 PSU W32L128 KR G2
Full product name	RC091V LED50S/857 PSU W32L128 KR G2
Full product code	872016975122499
Order code	911401806887
Material Nr. (12NC)	911401806887
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169751224
Numerator - Packs per outer box	4
EAN/UPC - Case	8720169751262

Dimensional drawing



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