PHILIPS Lighting

SmartBright Slim Panel

RC091V LED36S/865 PSU W60L60 GM

SmartBright Slim Panel provides the most affordable LED solution to replace TL troffer. Its slim design (height of luminaire only 10mm) and multiple mounting options cater various applications (including plastic ceiling). As an edge light architecture, SlimBrigth Slim Panel delivers comfortable light with Excellent uniformity.

Product data

General Information

Beam angle of light source	- °
Light source color	865 cool daylight
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	-
Driver included	Yes
Optic type	Wide beam
Luminaire light beam spread	120°
Control interface	-
Connection	Internal connector
Cable	-
Protection class IEC	Safety class II
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	CE mark
ENEC mark	-
Warranty period	3 years
Constant light output	No
Number of products on MCB of 16 A type B	50

RoHS mark

RoHS mark	-

Operating and Electrical

Input Voltage	220/240 V
Input Frequency	50 to 60 Hz
Inrush current	8.1 A
Inrush time	100 ms
Power Factor (Min)	0.9

Controls and Dimming

Dimmable	No

Mechanical and Housing

Housing Material	Metal
Reflector material	-
Optic material	Polystyrene
Optical cover/lens material	Polystyrene
Fixation material	Steel
Optical cover/lens finish	Opal
Overall length	597 mm

SmartBright Slim Panel

Overall width	597 mm
Overall height	41 mm
Color	White

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK02 [0.2 J standard]

Initial Performance (IEC Compliant)

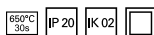|	
Initial luminous flux (system flux)	3600 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	80 lm/W
Init. Corr. Color Temperature	6500 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.43, 0.40) SDCM>5
Initial input power	45 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Median useful life L70B50	25000 h

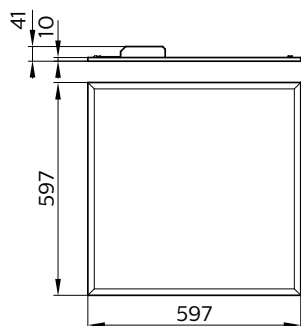### Application Conditions

Ambient temperature range	–10 to +35 ℃
Maximum dim level	Not applicable
Suitable for random switching	Not applicable

Product Data

Full product code	871016331314600
Order product name	RC091V LED36S/865 PSU W60L60 GM
EAN/UPC – Product	8710163313146
Order code	911401846297
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	4
Material Nr. (12NC)	911401846297
Net Weight (Piece)	2.174 kg

650℃ 30s | IP 20 | IK 02 | ▢

Dimensional drawing

41 | 10

597

597

RC091V LED26S/LED36S PSU

www.lighting.philips.com

2018, November 14 – data subject to change