



CoreLine panel

RC127V LED36S/840 PSU W30L120 OC

CoreLine panel, 36 W, 1200x300 mm, 3600 lm, 4000 K, UGR19

Philips CoreLine panel Gen5 delivers on the CoreLine promise of innovation, easy installation and excellent illumination. Designed as a direct replacement for functional luminaires in general lighting applications, this LED panel light's innovative MultiLumen feature offers a choice of three lumen packages in a single luminaire. This makes it easy to select the right product, gives you the flexibility respond to customer preferences on site, and means fewer product codes on stock. Installing this CoreLine RC132V LED panel is quick and easy too, thanks to a quick connector or Wieland connector. Interact Ready luminaires with integrated wireless communications are also available in this CoreLine range, ready to be used with Interact gateways, sensors and software.

Product data

General Information		Warranty period	
Lamp family code	LED36S [LED module, system flux 3600 lm]	Flammability mark	For mounting on normally flammable surfaces
Light source replaceable	No	ENEC mark	ENEC mark
Number of gear units	1 unit	Glow-wire test	Temperature 650 °C, duration 30 s
Driver included	Yes	EU RoHS compliant	Yes
Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value.	Light Technical	
Lighting Technology		Luminous Flux	3,600 lm
Value ladder		Correlated Color Temperature (Nom)	4000 K
CE mark	Yes	Luminous Efficacy (rated) (Nom)	100 lm/W
		Color rendering index (CRI)	≥80
		Light source color	840 neutral white
		Optic type	-
		Luminaire light beam spread	100°

CoreLine panel

Unified glare rating CEN	19
--------------------------	----

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	17 A
Inrush time	0.25 ms
Power Consumption	36 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type B	28

Temperature	
Ambient temperature range	+10 to +40 °C

Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

Mechanical and Housing	
Housing Material	Aluminum
Reflector material	-
Optic material	-
Optical cover material	Polycarbonate
Fixation material	-
Housing Color	White
Optical cover finish	Opal
Overall length	1,197 mm

Overall width	297 mm
Overall height	42 mm
Dimensions (Height x Width x Depth)	42 x 297 x 1197 mm

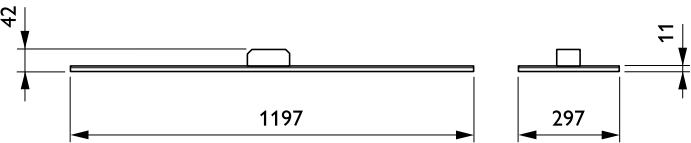
Approval and Application	
Ingress protection code	IP20/44 [Finger-protected; wire-protected, splash-proof]
Mech. impact protection code	IK02 [0.2 J standard]
Protection class IEC	Safety class II

Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <5
Power consumption tolerance	+/-10%

Application Conditions	
Performance ambient temperature Tq	25 °C
Suitable for random switching	Yes

Product Data	
Order product name	RC127V LED36S/840 PSU W30L120 OC
Full product name	RC127V LED36S/840 PSU W30L120 OC
Full product code	871869607090100
Order code	910503910321
Material Nr. (12NC)	910503910321
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696070901
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696070901

Dimensional drawing



CoreLine panel

