



CoreLine panel

RC132V LED36S/840 PSD W60L60 ELB3 OC

CoreLine panel, 40 W, 600x600 mm, 3600 lm, 4000 K, DALI, UGR19, ELB3h

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		Value ladder		Performance	
Lamp family code	LED36 [LED module 3600 lm]	CE mark		Yes	
Cap-Base	- [-]	Warranty period		3 years + 2 years upon registration	
Light source replaceable	No	Flammability mark		For mounting on normally flammable surfaces	
Number of gear units	1 unit	ENEC mark		-	
Gear	-	Glow-wire test		Temperature 650 °C, duration 30 s	
Driver included	Yes	EU RoHS compliant		Yes	
Remarks	Please download the Lighting - Product Data Sheet for more information and ordering options	Light Technical			
Service tag	Yes	Luminous Flux		3,600 lm	
Product family code	RC132V [CORELINE PANEL]	Correlated Color Temperature (Nom)		4000 K	
Lighting Technology	LED	Luminous Efficacy (rated) (Nom)		100 lm/W	

CoreLine panel

Color rendering index (CRI)	≥80
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	-
Luminaire light beam spread	100°
Unified glare rating CEN	19

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Average CLO power consumption	35 W
End CLO power consumption	- W
Inrush current	20.4 A
Inrush time	0.195 ms
Power Consumption	40 W
Power Factor (Fraction)	0.9
Connection	Push-in connector and pull relief
Cable	-
Number of products on MCB of 16 A type B	24

Temperature

Ambient temperature range	+10 to +40 °C
---------------------------	---------------

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover material	Polymethyl methacrylate
Fixation material	Aluminum
Housing Color	White
Optical cover finish	Opal
Overall length	597 mm
Overall width	597 mm
Overall height	28 mm

Dimensions (Height x Width x Depth)	28 x 597 x 597 mm
-------------------------------------	-------------------

Approval and Application

Ingress protection code	IP20/44 [Finger-protected; wire-protected, splash-proof]
Mech. impact protection code	IK02 [0.2 J standard]
Sustainability rating	-
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <3
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	1 %
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance at median useful life* 50000 h	L80

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Yes

Product Data

Order product name	RC132V LED36S/840 PSD W60L60 ELB3 OC
Full product name	RC132V LED36S/840 PSD W60L60 ELB3 OC
Full product code	871869940130600
Order code	910500465357
Material Nr. (12NC)	910500465357
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699401306
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699401306

CoreLine panel

Dimensional drawing

