CoreLine panel

RC132V G4 LED36S/840 PSU W60L60 OC ELB3

CoreLine panel, 33 W, 600x600 mm, 3600 lm, 4000 K, 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.
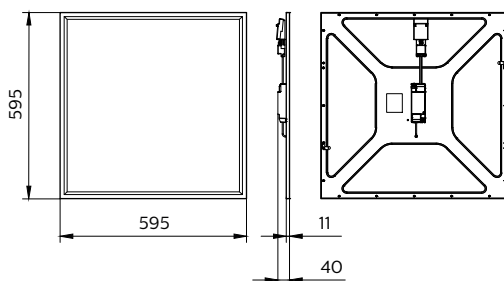
Product data

General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Service tag	No
Product family code	RC132V [CORELINE PANEL]
Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
Warranty period	5 years
Flammability mark	–
ENEC mark	ENEC mark
Glow-wire test	Temperature 850 ℃, duration 30 s

EU RoHS compliant	Yes

Light Technical	
Luminous Flux	3,600 lm
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	123 lm/W
Color rendering index (CRI)	≥80
Flickering value (PstLM)	1
Stroboscopic effect value (SVM)	1.6
Light source color	840 neutral white
Optic type	Beam angle 90°
Luminaire light beam spread	90°

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Unified glare rating CEN	19

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	5.3 A
Inrush time	0.052 ms
Power Consumption	33 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 4-pole
Cable	–
Number of products on MCB of 16 A type B	65

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	Steel
Reflector material	Acrylate
Optic material	Polystyrene
Optical cover material	Polystyrene
Fixation material	–
Housing Color	White
Optical cover finish	Opal
Overall length	595 mm
Overall width	595 mm
Overall height	16 mm
Dimensions (Height x Width x Depth)	16 x 595 x 595 mm

Approval and Application

Ingress protection code	IP20/44 [Finger-protected; wire-protected, splash-proof]

Mech. impact protection code	IK03 [0.3 J]
Sustainability rating	–
Protection class IEC	Safety class II
Photobiological risk	Photobiological risk group 0 @200mm to EN62778

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)

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	Not applicable

Product Data

Order product name	RC132V G4 LED36S/840 PSU W60L60 OC ELB3
Full product name	RC132V G4 LED36S/840 PSU W60L60 OC ELB3
Full product code	871869996711600
Order code	910505100533
Material Nr. (12NC)	910505100533
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8718699967116
Numerator – Packs per outer box	1
EAN/UPC – Case	8718699967116

Dimensional drawing

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