CoreLine panel

RC132V G4LED34_43S/830_840 PSU W60L60 OC

CoreLine panel, 30 W, 35 W, 600x600 mm, 3400 lm, 4300 lm, 3000 K, 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.
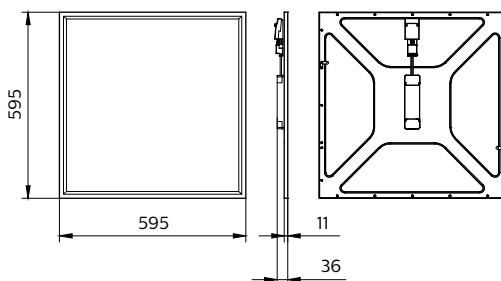
Product data

General Information

Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Service tag	No
Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
Warranty period	5 years
Flammability mark	–
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 30 s

EU RoHS compliant	Yes

Light Technical

Luminous Flux	3,400 4,300 lm
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	3000 4000 K
Luminous Efficacy (rated) (Nom)	125 lm/W
Color rendering index (CRI)	≥80
Flickering value (PstLM)	1
Stroboscopic effect value (SVM)	1.6
Light source color	Multi Color Temperature
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 or 60 Hz
Inrush current	15 A
Inrush time	0.3 ms
Power Consumption	30 35 W
Power Factor (Fraction)	0.9
Connection	Connection unit 2-pole
Cable	–
Number of products on MCB of 16 A type B	18

Temperature

Ambient temperature range	+10 to +40 ℃

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	11 mm
Dimensions (Height x Width x Depth)	11 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	(0.39, 0.39) 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 ℃
Suitable for random switching	Not applicable

Product Data

Order product name	RC132V G4LED34_43S/830_840 PSU W60L60 OC
Full product name	RC132V G4LED34_43S/830_840 PSU W60L60 OC
Full product code	871016336054600
Order code	911401879880
Material Nr. (12NC)	911401879880
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8710163360546
Numerator – Packs per outer box	1
EAN/UPC – Case	8710163360546

Dimensional drawing

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