CoreLine panel

RC133V G5 36S/840 PSED W62L62 OC

CoreLine panel, 30 W, 620x620 mm, 3600 lm, 4000 K, DALI, UGR19, EL-DC

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
Product family code	RC133V [CORELINE PANEL]
Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, 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)	120 lm/W
Color rendering index (CRI)	≥80
Flickering value (PstLM)	1
Stroboscopic effect value (SVM)	0.4
Light source color	840 neutral white
Optic type	Beam angle 90°
Luminaire light beam spread	90°

CoreLine panel

Unified glare rating CEN	19

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Inrush current	20.4 A
Inrush time	195 ms
Power Consumption	30 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 5-pole
Cable	–
Number of products on MCB of 16 A type B	24

Temperature

Ambient temperature range	0 to +35 ℃

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface, DC compatible for central emergency lighting (integrated)
Control interface	DALI
Constant light output	No

Mechanical and Housing

Housing Material	Steel
Reflector material	Acrylate
Optic material	Polystyrene
Optical cover material	Acrylate
Fixation material	–
Housing Color	White
Optical cover finish	Opal
Overall length	620 mm
Overall width	620 mm
Overall height	73 mm
Dimensions (Height x Width x Depth)	73 x 620 x 620 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
Photobiological risk specification	0.2 m

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	L90
Lumen maintenance at median useful life* 100000 h	L80

Application Conditions

Performance ambient temperature Tq	25 ℃
Maximum dim level	3%
Suitable for random switching	Yes

Product Data

Order product name	RC133V G5 36S/840 PSED W62L62 OC
Full product name	RC133V G5 36S/840 PSED W62L62 OC
Full product code	872016901376600
Order code	910505102356
Material Nr. (12NC)	910505102356
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8720169013766
Numerator – Packs per outer box	1
EAN/UPC – Case	8720169013766

CoreLine panel

Dimensional drawing

www.lighting.philips.com

2023, October 25 – data subject to change