![Philips Lighting logo]

CoreLine panel

RC132V G5 36S/840 PSD W60L60 OC ELB3

CoreLine panel, 34 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

Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Product family code	RC132V [CORELINE PANEL]
Lighting Technology	LED
Value ladder	Performance

Light Technical

Luminous Flux	3,600 lm
Luminous Efficacy (rated) (Nom)	106 lm/W
Saturated Red (R9)	<50
Correlated Color Temperature (Nom)	4000 K

Color rendering index (CRI)	>80
Flickering value (PstLM) – Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Light source color	840 neutral white
Optic type	Beam angle 90°
Luminaire light beam spread	90°
Unified glare rating CEN	19
Total harmonic distortion	20 %

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 or 60 Hz

CoreLine panel

Inrush current	18.3 A
Inrush time	0.276 ms
Power Consumption	34 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 5-pole
Cable	–
Number of products on MCB of 16 A type B	14

Temperature

Ambient temperature range	0 to +35 ℃

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	Steel
Reflector material	Acrylate
Optic material	Polystyrene
Optical cover material	Acrylate
Fixation material	–
Housing Color	White
Optical cover finish	Opal
Overall length	595 mm
Overall width	595 mm
Overall height	71 mm
Dimensions (Height x Width x Depth)	71 x 595 x 595 mm

Emergency Operation

Rated duration of the emergency lighting (when fully charged)	3 hour(s)
Central Emergency	No
Emergency lighting	Emergency lighting 3 hours duration basic version

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
Glow-wire test	Temperature 650 ℃, duration 30 s
Flammability mark	For mounting on normally flammable surfaces

CE mark	Yes
ENEC mark	ENEC mark
Warranty period	5 years
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM≤3
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤3

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	RC132V G5 36S/840 PSD W60L60 OC ELB3
Full product name	RC132V G5 36S/840 PSD W60L60 OC ELB3
Full product code	872016901367400
Order code	910505102347
Material Nr. (12NC)	910505102347
Numerator – Quantity Per Pack	1
Net Weight (Piece)	4.500 kg
EAN/UPC – Product/Case	8720169013674
Numerator – Packs per outer box	1
EAN/UPC – Case	8720169013674

CoreLine panel

Dimensional drawing

www.lighting.philips.com

2024, August 30 – data subject to change