



CoreLine Panel gen6

RC132V G6 50S/840 PSU W60L60 OC BN

CoreLine Panel gen6, 38 W, 600x600 mm, VPC, 5000 lm, 4000 K, UGR19

Philips CoreLine panel Gen6 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 All-in feature offers a choice of three lumen packages and three-color temperatures 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 the CoreLine RC132V LED panel is quick and easy, using the product's quick connector or flywire. The CoreLine range includes Interact Ready luminaires with integrated wireless communications, ready to be used with Interact gateways, sensors, and software.

Product data

General Information		Beam angle of light source	
Number of gear units	1 unit	Beam angle of light source	90 degree(s)
Driver included	Yes	Light source color	840 neutral white
Value ladder	Performance	Optic type	Beam angle 90°
Light Technical		Luminaire light beam spread	90°
Luminous Flux	5,000 lm	Unified glare rating CEN	19
Luminous Efficacy (rated) (Nom)	132 lm/W	Total harmonic distortion	20 %
Correlated Color Temperature (Nom)	4000 K	Operating and Electrical	
Color rendering index (CRI)	>80	Input Voltage	220 to 240 V
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1	Line Frequency	50 or 60 Hz
Stroboscopic effect visibility measure (SVM)	0.4	Inrush current	22 A
		Inrush time	0.25 ms
		Power Consumption	38 W

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Power Factor (Fraction)	0.9
Connection	Flying leads/wires
Cable	2×0.75mm ²
Number of products on MCB of 16 A type B	20

Temperature

Ambient temperature range	-10 to +35 °C
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Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit external (On/Off)
Control interface	-
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	Diamond
Overall length	595 mm
Overall width	595 mm
Overall height	61 mm
Dimensions (Height x Width x Depth)	61 x 595 x 595 mm
Compatible ceiling or ceiling installation accessory type	Visible profile ceiling version

Emergency Operation

Central Emergency	No
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Approval and Application

Ingress protection code	IP20/40 [Finger-protected; Wire-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Sustainability rating	-
Protection class IEC	Safety class II
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces

CE mark	CE mark
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% / +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	L85
Lumen maintenance at median useful life* 100000 h	L75

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	Not applicable

Product Data

Order product name	RC132V G6 50S/840 PSU W60L60 OC BN
Full product name	RC132V G6 50S/840 PSU W60L60 OC BN
Full product code	872016975129399
Order code	911401807187
Material Nr. (12NC)	911401807187
Numerator - Quantity Per Pack	1
Net Weight (Piece)	2.100 kg
EAN/UPC - Product/Case	8720169751293
Numerator - Packs per outer box	4
EAN/UPC - Case	8720169751378

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Dimensional drawing

