



CoreLine Panel gen6

RC132V G6 50S/840 PSD W60L60 OC

CoreLine Panel gen6, 38 W, 600x600 mm, VPC, 5000 lm, 4000 K, DALI, 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
Service tag	Yes	Optic type	Beam angle 90°
Value ladder	Performance	Luminaire light beam spread	90°
Warranty period	5 years	Unified glare rating CEN	19
Sustainability rating	-	Operating and Electrical	
Light Technical		Input Voltage	220 to 240 V
Luminous Flux	5,000 lm	Line Frequency	50 or 60 Hz
Correlated Color Temperature (Nom)	4000 K	Inrush current	26.8 A
Luminous Efficacy (rated) (Nom)	132 lm/W	Inrush time	0.264 ms
Color rendering index (CRI)	>80	Power Consumption	38 W
		Power Factor (Fraction)	0.9

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Connection	Push-in connector 4-pole
Cable	-
Number of products on MCB of 16 A type B	15
Suitable for random switching	Not applicable
Protection class IEC	Safety class II
Total harmonic distortion	20 %

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
DALI Standard	DALI-2™
Maximum dim level	1%

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	63 mm
Dimensions (Height x Width x Depth)	63 x 595 x 595 mm
Compatible ceiling or ceiling installation accessory type	Visible profile ceiling version
Ingress protection code	IP20/44 [Finger-protected; wire-protected, splash-proof]
Mech. impact protection code	IK02 [0.2 J standard]
Safety device	SC [Safety cable]
Net Weight (Piece)	2.180 kg

Emergency Operation

Central Emergency	No
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Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
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Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-10 to +35 °C

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 (EN-IEC 62722-2-1) at median useful life* 50000 h	L85
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L75

Product Data

Order product name	RC132V G6 50S/840 PSD W60L60 OC
Full product name	RC132V G6 50S/840 PSD W60L60 OC
Full product code	872016974984999
Order code	911401800387
Material Nr. (12NC)	911401800387
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169749849
Numerator - Packs per outer box	4
EAN/UPC - Case	8720169750104

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Dimensional drawing

