



CoreLine Panel gen6

RC132V G6 50S/940 PSU W60L60 NOC IP65

CoreLine Panel gen6, 45 W, 600x600 mm, VPC, 5000 lm, 4000 K, CRI>90

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		Color rendering index (CRI)	
Number of gear units	1 unit		>90
Driver included	Yes	Beam angle of light source	120 degree(s)
Service tag	Yes	Light source color	940 neutral white
Value ladder	Performance	Optic type	Beam angle 120°
Warranty period	5 years	Luminaire light beam spread	120°
Sustainability rating	-	Unified glare rating CEN	25
Light Technical		Operating and Electrical	
Luminous Flux	5,000 lm	Input Voltage	220 to 240 V
Saturated Red (R9)	>50	Line Frequency	50 or 60 Hz
Correlated Color Temperature (Nom)	4000 K	Inrush current	17.2 A
Luminous Efficacy (rated) (Nom)	111 lm/W	Inrush time	0.29 ms
		Power Consumption	45 W

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Power Factor (Fraction)	0.9
Connection	Push-in connector 2-pole
Cable	2 cables 0.15m with connectors 2-pole
Number of products on MCB of 16 A type B	20
Suitable for random switching	Not applicable
Protection class IEC	Safety class II
Total harmonic distortion	20 %

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit external (On/Off)
Control interface	-
Constant light output	No
Maximum dim level	Not applicable

Mechanical and Housing

Housing Material	Steel
Reflector material	-
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	78 mm
Dimensions (Height x Width x Depth)	78 x 595 x 595 mm
Compatible ceiling or ceiling installation accessory type	Visible profile ceiling version
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK03 [0.3 J]
Safety device	SC [Safety cable]
Net Weight (Piece)	2.900 kg

Emergency Operation

Central Emergency	No
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Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
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/940 PSU W60L60 NOC IP65
Full product name	RC132V G6 50S/940 PSU W60L60 NOC IP65
Full product code	872016973523199
Order code	911401891685
Material Nr. (12NC)	911401891685
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169735231
Numerator - Packs per outer box	4
EAN/UPC - Case	8720169735385

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Dimensional drawing

