



CoreLine Panel G6

RC133V G6 29_36_43S/830_40 PSU W62L62 OC

CoreLine Panel G6, All-in, 31 W, 22 W, 625x625 mm, VPC, 2900 lm, 3100 lm, 3350 lm, 3600 lm, 4000 lm, 4300 lm, 3000 K, 3500 K, 4000 K

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		Stroboscopic effect visibility measure (SVM)	
Number of gear units	1 unit	Stroboscopic effect visibility measure (SVM)	0.4
Driver included	Yes	Beam angle of light source	90 degree(s)
Value ladder	Performance	Light source color	Multi Color Temperature
Light Technical		Optic type	Beam angle 90°
Luminous Flux	2,900 3,100 3,350 3,600 4,000 4,300 lm	Luminaire light beam spread	90°
Luminous Efficacy (rated) (Nom)	141 139 lm/W	Unified glare rating CEN	19
Correlated Color Temperature (Nom)	3000 3500 4000 K	All-in Type	All-in, Multi Lumen and Multi Color Temperature
Color rendering index (CRI)	>80	Operating and Electrical	
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1	Input Voltage	220 to 240 V
		Line Frequency	50 or 60 Hz

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Inrush current	20 A
Inrush time	0.22 ms
Power Consumption	31.22 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 2-pole
Cable	-
Number of products on MCB of 16 A type B	21

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 RAL 9003
Optical cover finish	Diamond
Overall length	620 mm
Overall width	620 mm
Overall height	61 mm
Dimensions (Height x Width x Depth)	61 x 620 x 620 mm
Compatible ceiling or ceiling installation accessory type	Visible profile ceiling version

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	5 %
50000 h	
Lumen maintenance at median useful life*	L85
50000 h	
Lumen maintenance at median useful life*	L75
100000 h	

Application Conditions

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

Product Data

Order product name	RC133V G6 29_36_43S/830_40 PSU W62L62 OC
Full product name	RC133V G6 29_36_43S/830_40 PSU W62L62 OC
Full product code	872016974991799
Order code	911401801387
Material Nr. (12NC)	911401801387
Numerator - Quantity Per Pack	1
Net Weight (Piece)	2.330 kg
EAN/UPC - Product/Case	8720169749917
Numerator - Packs per outer box	4
EAN/UPC - Case	8720169750203

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Dimensional drawing

