



CoreLine Panel G6

RC132V G6 43S/840 WIA W60L60 OC

CoreLine Panel G6, 31 W, 600x600 mm, VPC, 4300 lm, 4000 K, Wireless, Interact Ready

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		Operating and Electrical	
Number of gear units	Unit	Stroboscopic effect	0.4
Driver included	Yes	Beam angle of light source	90 degree(s)
Connectivity	Interact Ready	Light source colour	840 neutral white
Value ladder	Performance	Optic type	Beam angle 90°
Safety device	SC [Safety cable]	Luminaire light beam spread	90°
Light Technical		Unified Glare Rating (CEN)	19
Luminous Flux	4,300 lm	Input Voltage	220 to 240 V
Luminous efficacy (rated) (nom.)	139 lm/W	Line Frequency	50 or 60 Hz
Correlated Colour Temperature	4000 K	Inrush current	4.8 A
Colour rendering index (CRI)	>80	Inrush time	0.056 ms
Flickering value (PstLM)	1	Power Consumption	31 W

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Power Factor (Fraction)	0.9
Connection	Push-in connector 2-pole
Cable	-
Number of products on MCB of 16 A type B	50
Temperature	
Ambient temperature range	-10 to +35 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Wireless driver Interact System-ready
Control interface	Wireless
Constant light output	No
Mechanical and Housing	
Housing material	Steel
Reflector material	Acrylate
Optic material	Polystyrene
Optical cover/lens material	Polystyrene
Fixation material	-
Housing Colour	White RAL 9003
Optical cover/lens finish	Diamond
Overall length	595 mm
Overall width	595 mm
Overall height	70 mm
Dimensions (height x width x depth)	70 x 595 x 595 mm
Compatible ceiling or ceiling installation accessory type	Visible profile ceiling version
Approval and Application	
Ingress protection code	IP20/44 [Finger-protected; wire-protected, splash-proof]
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 %
50,000 h	
Lumen maintenance at median useful life*	L85
50,000 h	
Lumen maintenance at median useful life*	L75
100,000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	1%
Suitable for random switching	Not applicable
Product Data	
Order product name	RC132V G6 43S/840 WIA W60L60 OC
Full product name	RC132V G6 43S/840 WIA W60L60 OC
Full EOC	872016975002999
Order code	75002999
Material no. (12 NC)	911401802487
SAP numerator – quantity per pack	1
Net Weight (Piece)	2.350 kg
EAN/UPC – Product/Case	8720169750029
Numerator – packs per outer box	4
EAN/UPC - Case	8720169750319

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Dimensional drawing

