



CoreLine Panel G6

RC132V G6 29_36_43S/830_40 PSU W60L60 OC

CoreLine Panel G6, All-in, 31 W, 22 W, 600x600 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	
Number of gear units	1 unit
Driver included	Yes
Value ladder	Performance
Safety device	SC [Safety cable]
Light Technical	
Luminous Flux	2,900 3,100 3,350 3,600 4,000 4,300 lm
Luminous Efficacy (rated) (Nom)	141 139 lm/W
Correlated Color Temperature (Nom)	3000 3500 4000 K
Color rendering index (CRI)	>80

Flickering value (PstLM) - Flickering value as	1
per EN 61000-3-3	
Stroboscopic effect visibility measure (SVM)	0.4
Beam angle of light source	90 degree(s)
Light source color	840 neutral white
Optic type	Beam angle 90°
Luminaire light beam spread	90°
Unified glare rating CEN	19
All-in Type	All-in, Multi Lumen and Multi Color
	Temperature

Datasheet, 2024, July 15 data subject to change

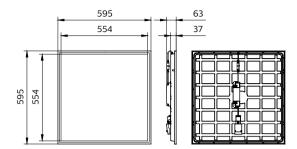
CoreLine Panel G6

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
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
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	595 mm
Overall width	595 mm
Overall height	63 mm
	63 x 595 x 595 mm
Dimensions (Height x Width x Depth) Compatible ceiling or ceiling installation	
accessory type	Visible profile ceiling version
accessory type	
Approval and Application	
	IP20/44 [Finger-protected; wire-
Ingress protection code	
Mark invaratory and a	protected, splash-proof]
Mech. impact protection code	IK02 [0.2 J standard]
Sustainability rating	- Cofety along II
Protection class IEC	Safety class II
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammab
	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	t)
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	RC132V G6 29_36_43S/830_40 PSU
	W60L60 OC
Full product name	RC132V G6 29_36_43S/830_40 PSU
	W60L60 OC
Full product code	872016973518799
Order code	911401891185
Material Nr. (12NC)	911401891185
Numerator - Quantity Per Pack	1
Net Weight (Piece)	2.230 kg
EAN/UPC - Product/Case	8720169735187
Numerator - Packs per outer box	4
	8720169735330

CoreLine Panel G6

Dimensional drawing





© 2024 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.