



CoreLine Panel G6

RC132V G6 36S/840 PSU W60L60 OC ELB3

CoreLine Panel G6, 27 W, 600x600 mm, VPC, 3600 lm, 4000 K, ELB3h

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		Light Technical	
Number of gear units	1 unit	Luminous Flux	3,600 lm
Driver included	Yes	Luminous Efficacy (rated) (Nom)	110 lm/W
Photocell	-	Saturated Red (R9)	80
Product family code	RC132V [CORELINE PANEL]	Correlated Color Temperature (Nom)	4000 K
Type of emergency lighting battery	Lithium	Color rendering index (CRI)	>80
Value ladder	Performance	Flickering value (PstLM) - Flickering value as 1 per EN 61000-3-3	
Embedded control	-	Stroboscopic effect visibility measure (SVM)	0.4
Safety device	SC [Safety cable]	Beam angle of light source	90 degree(s)
Serviceability class	Class C, luminaire without serviceable parts, not serviceable	Light source color	840 neutral white
Mounting	Ceiling	Optic type	Beam angle 90°
		Luminaire light beam spread	90°

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Unified glare rating CEN	19
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	16 A
Inrush time	0.2 ms
Power Consumption	27 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 4-pole
Cable	-
Number of products on MCB of 16 A type B	30
Temperature	
Ambient temperature range	0 °C to 35 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminium
Reflector material	Acrylate
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	-
Housing Color	White RAL 9003
Optical cover finish	Diamond
Reflector Finish	White reflector
Overall length	595 mm
Overall width	595 mm
Overall height	69 mm
Dimensions (Height x Width x Depth)	69 x 595 x 595 mm
Compatible ceiling or ceiling installation accessory type	Visible profile ceiling version
Emergency Operation	
Emergency flux	250 lm
Power consumption during Central DC emergency mode	2 W
Approval and Application	
Ingress protection code	IP20/44 [Finger-protected; wire-protected, splash-proof]
Mech. impact protection code	IK03 [0.3 J]

Sustainability rating	-
Protection class IEC	Safety class II
Glow-wire test	Temperature 850 °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*	-
35000 h	
Lumen maintenance at median useful life*	L90
50000 h	
Lumen maintenance at median useful life*	L80
100000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	No
Product Data	
Order product name	RC132V G6 36S/840 PSU W60L60 OC ELB3
Full product name	RC132V G6 36S/840 PSU W60L60 OC ELB3
Full product code	872016958873800
Order code	910505102816
Material Nr. (12NC)	910505102816
Net Weight (Piece)	4.500 kg
EAN/UPC - Product/Case	8720169588738
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169588738

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Dimensional drawing

