



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	
Number of gear units	1 unit
Driver included	Yes
Photocell	-
Product family code	RC132V [CORELINE PANEL]
Type of emergency lighting battery	Lithium
Value ladder	Performance
Embedded control	-
Safety device	SC [Safety cable]
Serviceability class	Class C, luminaire without serviceable
	parts, not serviceable
Mounting	Ceiling

Light Technical		
Luminous Flux	3,600 lm	
Luminous Efficacy (rated) (Nom)	110 lm/W	
Saturated Red (R9)	80	
Correlated Color Temperature (Nom)	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°	

Datasheet, 2024, May 20 data subject to change

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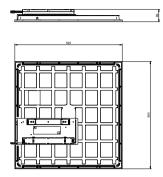
Unified glare rating CEN	19	Sustainability rating
		Protection class IEC
Operating and Electrical		Glow-wire test
Input Voltage	220 to 240 V	Flammability mark
Line Frequency	50 or 60 Hz	
Inrush current	16 A	CE mark
Inrush time	0.2 ms	ENEC mark
Power Consumption	27 W	Warranty period
Power Factor (Fraction)	0.9	Photobiological risk
Connection	Push-in connector 4-pole	
Cable	-	Photobiological risk specification
Number of products on MCB of 16 A type B	30	EU RoHS compliant
Temperature		Initial Performance (IEC Comp
Ambient temperature range	0 °C to 35 °C	Luminous flux tolerance
		Initial chromaticity
Controls and Dimming		Power consumption tolerance
Dimmable	No	
Driver/power unit/transformer	Power supply unit (On/Off)	Over Time Performance (IEC C
Control interface	-	Control gear failure rate at median
Constant light output	No	50000 h
		Lumen maintenance at median use
Mechanical and Housing		35000 h
Housing Material	Aluminium	Lumen maintenance at median usef
Reflector material	Acrylate	50000 h
Optic material	Polycarbonate	Lumen maintenance at median use
Optical cover material	Polycarbonate	100000 h
Fixation material	-	
Housing Color	White RAL 9003	Application Conditions
Optical cover finish	Diamond	Performance ambient temperature
Reflector Finish	White reflector	Maximum dim level
Overall length	595 mm	Suitable for random switching
Overall width	595 mm	
Overall height	69 mm	Product Data
Dimensions (Height x Width x Depth)	69 x 595 x 595 mm	Order product name
Compatible ceiling or ceiling installation	Visible profile ceiling version	
accessory type		Full product name
Emergency Operation		Full product code
Emergency Operation	250 lm	Order code
Power consumption during Central DC	2 W	Material Nr. (12NC)
emergency mode	∠ **	Net Weight (Piece)
emergency mode		EAN/UPC - Product/Case
Approval and Application		Numerator - Packs per outer box
Ingress protection code	IP20/44 [Finger-protected; wire-	EAN/UPC - Case
mg. cas protection code	protected, splash-proof]	`
Mech. impact protection code	IKO3 [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 Complian	t)
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 ℃
Maximum dim level	Not applicable
Suitable for random switching	No
Product Data	
	DC123V CC 255 /0 40 DCLL WCOL 50 05
Order product name	RC132V G6 36S/840 PSU W60L60 OC FLB3
Full muschisch manne	
Full product name	RC132V G6 36S/840 PSU W60L60 OC
Full product code	ELB3
Full product code	872016958873800
Order code Material Nr. (12NC)	910505102816
Material Nr. (12NC)	910505102816
Net Weight (Piece)	4.500 kg
EAN/UPC - Product/Case	8720169588738
Numerator - Packs per outer box	1

8720169588738

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Dimensional drawing





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