



# CoreLine Panel gen6

## RC132V G6 36S/840 PSU W60L60 OC ELB3

CoreLine Panel gen6, 27 W, 600x600 mm, VPC, 3600 lm, 4000 K, UGR19, 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 source colour	
Number of gear units	Unit	Light source colour	840 neutral white
Driver included	Yes	Optic type	Beam angle 90°
Service Tag	Yes	Luminaire light beam spread	90°
Value ladder	Performance	Unified Glare Rating (CEN)	19
Warranty period	5 years	Operating and Electrical	
Light Technical		Input Voltage	220-240 V
Luminous Flux	3,600 lm	Line Frequency	50 to 60 Hz
Correlated Colour Temperature (Nom)	4000 K	Initial CLO power consumption	- W
Luminous efficacy (rated) (nom.)	133 lm/W	Average CLO power consumption	- W
Colour rendering index (CRI)	>80	Inrush current	16 A
Beam angle of light source	90 degree(s)	Inrush time	0.2 ms
		Power Consumption	27 W

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Power Factor (Fraction)	0.9
Connection	Push-in connector 4-pole
Cable	-
Number of products on MCB (16 A type B)	30
Suitable for random switching	No
Protection class IEC	Safety class II
Feed-through wiring	-
Total harmonic distortion	20 %

## Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
Maximum dim level	Not applicable
Embedded control	-
Photocell	-

## Mechanical and Housing

Housing material	Steel
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	-
Housing Colour	White
Optical cover/lens finish	-
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
Ingress protection code	IP20/44 [Finger-protected; wire-protected, splash-proof]
Mech. impact protection code	IK03 [0.3 J]
Explosion hazard class	-
Mounting	Ceiling
Safety device	SC [Safety cable]
Net Weight (Piece)	3.200 kg

## Emergency Operation

Emergency flux	250 lm
Power consumption during Central DC emergency mode	2 W
Rated duration of the emergency lighting (when fully charged)	3 h
Additional max. power consumption when emergency battery is charging	6 W
Central Emergency	No
Type of emergency lighting battery	Lithium
Emergency lighting	Emergency lighting 3-hours duration basic version

Emergency function testing method	Manual/Test button
Emergency lighting operation mode	Maintained

## Approval and Application

Glow-wire test	Temperature 850 °C, duration 30 s
Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Flickering value (PstLM)	1
Stroboscopic effect	0.4
Ambient temperature range	0°C to 35°C

## 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 50,000 h	5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 35000 h	-
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L90
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 75000 h	-
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L80

## Sustainability Data

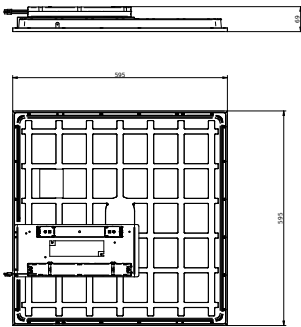
Sustainability rating	Unclassified
Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	24.6 kg CO <sub>2</sub> e
Product non-virgin material ratio	10.1 %
Recyclable the content ratio of the finished product	47.9 %
GWP total B6 (kg CO <sub>2</sub> e) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO <sub>2</sub> e / kWh)
GWP total B6 (kg CO <sub>2</sub> e) Functional Unit	Please calculate using your local energy mix value: POWER DECLARED UNIT (kW) * 1000 (lm) / LUMEN OUTPUT DECLARED UNIT

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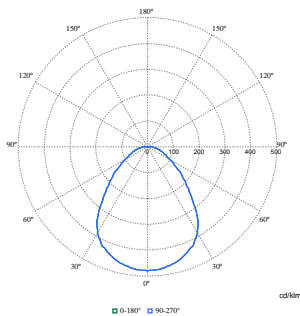
	(lm) * 35000 (hrs) * ENERGY MIX (kg CO2 eq / kwh)
<b>Product Data</b>	
Order product name	RC132V G6 36S/840 PSU W60L60 OC ELB3
Full product name	RC132V G6 36S/840 PSU W60L60 OC ELB3
Full EOC	872016958873800

Order code	910505102816
Material no. (12 NC)	910505102816
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8720169588738
Numerator – packs per outer box	1
EAN/UPC - Case	8720169588738

## Dimensional drawing



## Photometric data



Polar Normal (separate) - RC132VI - 910505102816

