



# 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		Sustainability Data	
Number of gear units	1 unit	Luminous Efficacy (rated) (Nom)	133 lm/W
Driver included	Yes	Color rendering index (CRI)	>80
Service tag	Yes	Beam angle of light source	90 degree(s)
Value ladder	Performance	Light source color	840 neutral white
Serviceability class	Class C, luminaire without serviceable parts, not serviceable	Optic type	Beam angle 90°
Warranty period	5 years	Luminaire light beam spread	90°
Sustainability rating	Unclassified	Unified glare rating CEN	19
Light Technical		Embedded carbon (A1-A3)	24.6 kg CO <sub>2e</sub>
Luminous Flux	3,600 lm	Recyclable content ratio of the finished product	47.9 %
Correlated Color Temperature (Nom)	4000 K	Product non-virgin material ratio	10.1 %

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<b>GWP total B6 (kg CO2eq) Declared Unit</b>	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO2eq / kWh)
<b>GWP total B6 (kg CO2eq) Functional Unit</b>	Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) /lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO2eq / kWh)

## Operating and Electrical

<b>Input Voltage</b>	220-240 V
<b>Line Frequency</b>	50 to 60 Hz
<b>Initial CLO power consumption</b>	- W
<b>Average CLO power consumption</b>	- W
<b>Inrush current</b>	16 A
<b>Inrush time</b>	0.2 ms
<b>Power Consumption</b>	27 W
<b>Power Factor (Fraction)</b>	0.9
<b>Connection</b>	Push-in connector 4-pole
<b>Cable</b>	-
<b>Number of products on MCB of 16 A type B</b>	30
<b>Suitable for random switching</b>	No
<b>Protection class IEC</b>	Safety class II
<b>Feed-through wiring</b>	-
<b>Total harmonic distortion</b>	20 %

## Controls and Dimming

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

## Mechanical and Housing

<b>Housing Material</b>	Steel
<b>Reflector material</b>	Polycarbonate
<b>Optic material</b>	Polycarbonate
<b>Optical cover material</b>	Polycarbonate
<b>Fixation material</b>	-
<b>Housing Color</b>	White
<b>Optical cover finish</b>	-
<b>Reflector Finish</b>	White reflector
<b>Overall length</b>	595 mm
<b>Overall width</b>	595 mm
<b>Overall height</b>	69 mm
<b>Dimensions (Height x Width x Depth)</b>	69 x 595 x 595 mm
<b>Compatible ceiling or ceiling installation accessory type</b>	Visible profile ceiling version
<b>Ingress protection code</b>	IP20/44 [Finger-protected; wire-protected, splash-proof]

<b>Mech. impact protection code</b>	IK03 [0.3 J]
<b>Explosion hazard class</b>	-
<b>Mounting</b>	Ceiling
<b>Safety device</b>	SC [Safety cable]
<b>Net Weight (Piece)</b>	3.200 kg

## Emergency Operation

<b>Emergency flux</b>	250 lm
<b>Power consumption during Central DC emergency mode</b>	2 W
<b>Rated duration of the emergency lighting (when fully charged)</b>	3 hour(s)
<b>Additional max. power consumption when emergency battery is charging</b>	6 W
<b>Central Emergency</b>	No
<b>Type of emergency lighting battery</b>	Lithium
<b>Emergency lighting</b>	Emergency lighting 3 hours duration basic version
<b>Emergency function testing method</b>	Manual / Test button
<b>Emergency lighting operation mode</b>	Maintained

## Approval and Application

<b>Glow-wire test</b>	Temperature 850 °C, duration 30 s
<b>Flammability mark</b>	-
<b>CE mark</b>	Yes
<b>ENEC mark</b>	ENEC mark
<b>Photobiological risk</b>	Photobiological risk group 0 @200mm to EN62778
<b>Photobiological risk specification</b>	0.2 m
<b>EU RoHS compliant</b>	Yes
<b>Performance ambient temperature Tq</b>	25 °C
<b>Flickering value (PstLM) - Flickering value as per EN 61000-3-3</b>	1
<b>Stroboscopic effect visibility measure (SVM)</b>	0.4
<b>Ambient temperature range</b>	0 °C to 35 °C

## Initial Performance (IEC Compliant)

<b>Luminous flux tolerance</b>	-10% / +10%
<b>Initial chromaticity</b>	(0.38, 0.38) SDCM ≤3
<b>Power consumption tolerance</b>	+/-10%

## Over Time Performance (IEC Compliant)

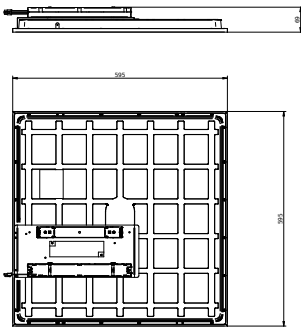
<b>Control gear failure rate at median useful life 50000 h</b>	5 %
<b>Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 35000 h</b>	-
<b>Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h</b>	L90
<b>Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 75000 h</b>	-

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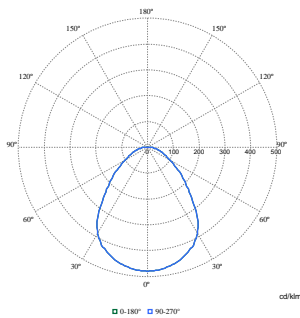
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L80
<b>Product Data</b>	
Order product name	RC132V G6 36S/840 PSU W60L60 OC ELB3
Full product name	RC132V G6 36S/840 PSU W60L60 OC ELB3
Full product code	872016958873800

Order code	910505102816
Material Nr. (12NC)	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

