



# CoreLine Panel gen6

## RC132V G6 36S/840 PSD W30L120 OC

CoreLine Panel gen6, 26 W, 1200x30 mm, VPC, 3600 lm, 4000 K, DALI, UGR19

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 to 240 V
Luminous Flux	3,600 lm	Line Frequency	50 or 60 Hz
Correlated Colour Temperature (Nom)	4000 K	Inrush current	25.2 A
Luminous efficacy (rated) (nom.)	140 lm/W	Inrush time	0.26 ms
Colour rendering index (CRI)	>80	Power Consumption	26 W
Beam angle of light source	90 degree(s)	Power Factor (Fraction)	0.9
		Connection	Push-in connector 4-pole

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Cable	-
Number of products on MCB (16 A type B)	17
Suitable for random switching	Not applicable
Protection class IEC	Safety class II
Total harmonic distortion	20 %

## Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
DALI standard	DALI-2™
Maximum dim level	1%

## Mechanical and Housing

Housing material	Steel
Reflector material	Acrylate
Optic material	Polystyrene
Optical cover/lens material	Polystyrene
Fixation material	-
Housing Colour	White
Optical cover/lens finish	Microprismatic lens
Overall length	1,195 mm
Overall width	295 mm
Overall height	62 mm
Dimensions (height x width x depth)	62 x 295 x 1195 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	IK02 [0.2 J standard]
Safety device	SC [Safety cable]
Net Weight (Piece)	2.380 kg

## Emergency Operation

Central Emergency	No
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## Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
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	-10 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* 50000 h	L90
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L80

## Sustainability Data

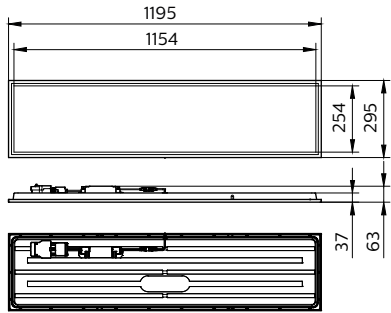
Sustainability rating	Unclassified
Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	26.7 kg CO <sub>2</sub> e
Product non-virgin material ratio	10.1 %
Recyclable the content ratio of the finished product	48.6 %
GWP total B6 (kg CO <sub>2</sub> eq) Declared 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> eq / kwh)
GWP total B6 (kg CO <sub>2</sub> eq) Functional Unit	Please calculate using your local energy mix value: POWER DECLARED UNIT (kW) * 1000 (lm) / LUMEN OUTPUT DECLARED UNIT (lm) * 35000 (hrs) * ENERGY MIX (kg CO <sub>2</sub> eq / kwh)

## Product Data

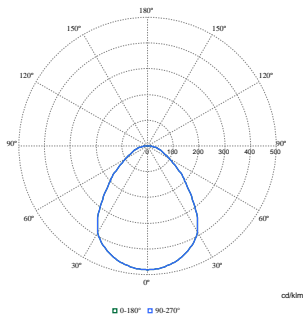
Order product name	RC132V G6 36S/840 PSD W30L120 OC
Full product name	RC132V G6 36S/840 PSD W30L120 OC
Full EOC	872016973517099
Order code	911401891085
Material no. (12 NC)	911401891085
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8720169735170
Numerator – packs per outer box	4
EAN/UPC - Case	8720169735323

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## Dimensional drawing



## Photometric data



Polar Normal (separate) - 911401891085

