



# CoreLine Panel gen6

RC132V G6 31\_36\_43S/840 PSU W60L600CUKI

CoreLine Panel gen6, All-in, 31 W, 22 W, 600x600 mm, VPC, 3100 lm, 3600 lm, 4300 lm, 4000 K, UGR19

600x600 mm, Visible profile ceiling version, Steel, White, Signal white (RAL9003), Power supply unit external (On/Off), All-in, Multi Lumen, 3100 lm, 3600 lm, 4300 lm, 31 W, 22 W, 140 lm/W, 4000 K, (0.38, 0.38) SDCM ≤3, UGR19, Beam angle 90°, Microprismatic lens, Polystyrene, IP20/40 | Finger-protected;Wire-protected, IK02 | 0.2 J standard, Safety class II, Push-in connector 2-pole, SC | Safety cable

## Product data

General Information		All-in Type	All-in, Multi Lumen
Number of gear units	Unit		
Driver included	Yes		
Service Tag	Yes		
Value ladder	Performance		
Warranty period	5 years		
Light Technical		Operating and Electrical	
Luminous Flux	3,100 3,600 4,300 lm	Input Voltage	220 to 240 V
Correlated Colour Temperature (Nom)	4000 K	Line Frequency	50 or 60 Hz
Luminous efficacy (rated) (nom.)	140 lm/W	Inrush current	20 A
Colour rendering index (CRI)	>80	Inrush time	0.22 ms
Beam angle of light source	90 degree(s)	Power Consumption	31 22 W
Light source colour	840 neutral white	Power Factor (Fraction)	0.9
Optic type	Beam angle 90°	Connection	Push-in connector 2-pole
Luminaire light beam spread	90°	Cable	-
Unified Glare Rating (CEN)	19	Number of products on MCB (16 A type B)	21
		Suitable for random switching	Not applicable
		Protection class IEC	Safety class II
		Total harmonic distortion	20 %
		Controls and Dimming	
		Dimmable	No

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Driver/power unit/transformer	Power supply unit external (On/Off)
Control interface	-
Constant light output	No
Maximum dim level	Not applicable

## 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	595 mm
Overall width	595 mm
Overall height	60 mm
Dimensions (height x width x depth)	60 x 595 x 595 mm
Compatible ceiling or ceiling installation accessory type	Visible profile ceiling version
Ingress protection code	IP20/40 [Finger-protected;Wire-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Safety device	SC [Safety cable]
Net Weight (Piece)	2.120 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%
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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 L90 median useful life* 50000 h	
Lumen maintenance (EN-IEC 62722-2-1) at L80 median useful life* 100000 h	

## Sustainability Data

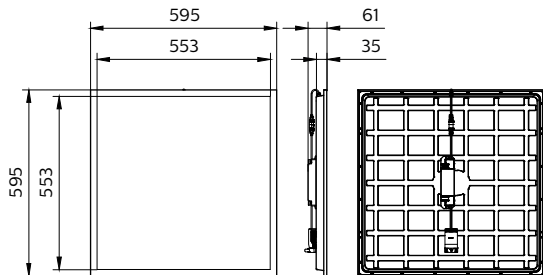
Sustainability rating	Unclassified
Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	24.6 kg CO <sub>2e</sub>
Product non-virgin material ratio	10.1 %
Recyclable the content ratio of the finished product	47.9 %
GWP total B6 (kg CO <sub>2eq</sub> ) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO <sub>2eq</sub> / kWh)
GWP total B6 (kg CO <sub>2eq</sub> ) 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 31_36_43S/840 PSU W60L60OCUKI
Full product name	RC132V G6 31_36_43S/840 PSU W60L60OCUKI
Full EOC	872016975509399
Order code	911401818787
Material no. (12 NC)	911401818787
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8720169755093
Numerator – packs per outer box	4
EAN/UPC – Case	8720169755116

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## Dimensional drawing



## Photometric data



Polar Normal (separate) - 911401818787

