



# CoreLine Panel gen6

## RC132V G6 50S/940 PSU W60L60 NOC IP65

CoreLine Panel gen6, 45 W, 600x600 mm, VPC, 5000 lm, 4000 K, CRI>90

600x600 mm, Visible profile ceiling version, Steel, White, Signal white (RAL9003), Power supply unit external (On/Off), 5000 lm, 45 W, 110 lm/W, 4000 K, (0.38, 0.38) SDCM ≤3, CRI>90, Beam angle 120°, Opal, Polystyrene, IP65 | Dust penetration-protected, jet-proof, IK03 | 0.3 J, Safety class II, 2 cables 0.15m with connectors 2-pole, Push-in connector 2-pole, SC | Safety cable

### Product data

General Information		Unified glare rating CEN	
Number of gear units	1 unit	Unified glare rating CEN	25
Driver included	Yes	Operating and Electrical	
Service tag	Yes	Input Voltage	220 to 240 V
Value ladder	Performance	Line Frequency	50 or 60 Hz
Warranty period	5 years	Inrush current	17.2 A
Light Technical		Inrush time	0.29 ms
Luminous Flux	5,000 lm	Power Consumption	45 W
Saturated Red (R9)	>50	Power Factor (Fraction)	0.9
Correlated Color Temperature (Nom)	4000 K	Connection	Push-in connector 2-pole
Luminous Efficacy (rated) (Nom)	110 lm/W	Cable	2 cables 0.15m with connectors 2-pole
Color rendering index (CRI)	>90	Number of products on MCB of 16 A type B	20
Beam angle of light source	120 degree(s)	Suitable for random switching	Not applicable
Light source color	940 neutral white	Protection class IEC	Safety class II
Optic type	Beam angle 120°	Total harmonic distortion	20 %
Luminaire light beam spread	120°	Controls and Dimming	
		Dimmable	No

# CoreLine Panel gen6

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	-
Optic material	Polystyrene
Optical cover material	Polystyrene
Fixation material	-
Housing Color	White
Optical cover finish	Opal
Overall length	595 mm
Overall width	595 mm
Overall height	78 mm
Dimensions (Height x Width x Depth)	78 x 595 x 595 mm
Compatible ceiling or ceiling installation accessory type	Visible profile ceiling version
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK03 [0.3 J]
Safety device	SC [Safety cable]
Net Weight (Piece)	2.900 kg

## Emergency Operation

Central Emergency	No
-------------------	----

## 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) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	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 50000 h	5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L85
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L75

## Sustainability Data

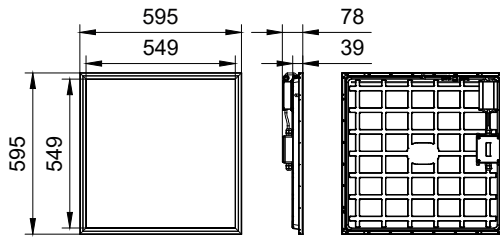
Sustainability rating	Unclassified
Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	24.6 kg CO <sub>2e</sub>
Product non-virgin material ratio	10.1 %
Recyclable content ratio of the finished product	47.9 %
GWP total B6 (kg CO <sub>2eq</sub> ) Declared 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 (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO <sub>2</sub> eq / kWh)
Non-virgin material ratio of the packaging	Cardboard > 80% recycled Plastic >35% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80% Plastic recycling rate > 40%
Packaging Material	Cardboard Plastic

## Product Data

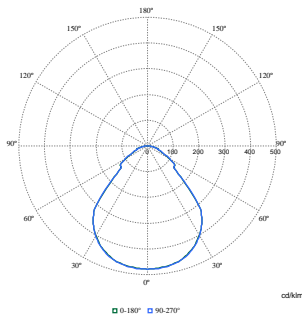
Order product name	RC132V G6 50S/940 PSU W60L60 NOC IP65
Full product name	RC132V G6 50S/940 PSU W60L60 NOC IP65
Full product code	872016973523199
Order code	73523199
Material Nr. (12NC)	911401891685
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169735231
Numerator - Packs per outer box	4
EAN/UPC - Case	8720169735385

# CoreLine Panel gen6

## Dimensional drawing



## Photometric data



Polar Normal (separate) - 911401891685

