



# CoreLine Panel gen6

## RC132V G6 48S/940 PSD W60L60 OC IP65

CoreLine Panel gen6, 45 W, 600x600 mm, VPC, 4800 lm, 4000 K, CRI>90, DALI, UGR19

600x600 mm, Visible profile ceiling version, Steel, White, Signal white (RAL9003), Power supply unit with DALI interface, 4800 lm, 45 W, 105 lm/W, 4000 K, (0.38, 0.38) SDCM ≤3, CRI>90, UGR19, Beam angle 90°, Microprismatic lens, Polystyrene, IP65 | Dust penetration-protected, jet-proof, IK03 | 0.3 J, Safety class II, 2 cables 0.15 m with connectors 2-pole, Push-in connector 4-pole, SC | Safety cable

### Product data

General Information		Unified Glare Rating (CEN)	
Number of gear units	Unit	Unified Glare Rating (CEN)	19
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	15.6 A
Light Technical		Inrush time	0.295 ms
Luminous Flux	4,800 lm	Power Consumption	45 W
Saturated Red (R9)	>50	Power Factor (Fraction)	0.9
Correlated Colour Temperature (Nom)	4000 K	Connection	Push-in connector 4-pole
Luminous efficacy (rated) (nom.)	105 lm/W	Cable	2 cables 0.15 m with connectors 2-pole
Colour rendering index (CRI)	>90	Number of products on MCB (16 A type B)	25
Beam angle of light source	90 degree(s)	Suitable for random switching	Not applicable
Light source colour	940 neutral white	Protection class IEC	Safety class II
Optic type	Beam angle 90°	Total harmonic distortion	20 %
Luminaire light beam spread	90°	Controls and Dimming	
		Dimmable	Yes

# CoreLine Panel gen6

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	-
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	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)	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	L85
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L75

## Sustainability Data

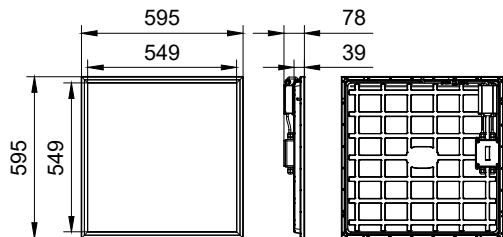
Sustainability rating	Unclassified
Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	24.6 kg CO <sub>2</sub> e
Product non-virgin material ratio	10.1 %
Recyclable the content ratio of the finished product	47.9 %
GWP total B6 (kg CO <sub>2</sub> eq) Declared 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

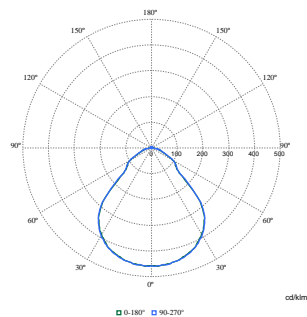
Order product name	RC132V G6 48S/940 PSD W60L60 OC IP65
Full product name	RC132V G6 48S/940 PSD W60L60 OC IP65
Full EOC	872016973562099
Order code	911401891885
Material no. (12 NC)	911401891885
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8720169735620
Numerator – packs per outer box	4
EAN/UPC - Case	8720169735644

# CoreLine Panel gen6

## Dimensional drawing



## Photometric data



Polar Normal (separate) - 911401891885

