



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 0.15 m with connectors 2-pole, Push-in connector 2-pole, SC | Safety cable

Product data

General Information	
Number of gear units	Unit
Driver included	Yes
Service Tag	Yes
Value ladder	Performance
Warranty period	5 years
Light Technical	
Luminous Flux	5,000 lm
Saturated Red (R9)	>50
Correlated Colour Temperature (Nom)	4000 K
Luminous efficacy (rated) (nom.)	110 lm/W
Colour rendering index (CRI)	>90
Beam angle of light source	120 degree(s)
Light source colour	940 neutral white
Optic type	Beam angle 120°
Luminaire light beam spread	120°

Unified Glare Rating (CEN)	25
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	17.2 A
Inrush time	0.29 ms
Power Consumption	45 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 2-pole
Cable	2 cables 0.15 m with connectors 2-pole
Number of products on MCB (16 A type B)	20
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	-
Optic material	Polystyrene
Optical cover/lens material	Polystyrene
Fixation material	-
Housing Colour	White
Optical cover/lens 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
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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 median useful life* 50000 h	L85
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L75

Sustainability Data

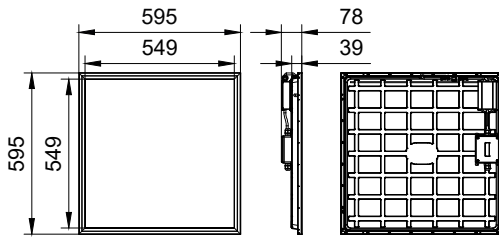
Sustainability rating	Unclassified
Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	24.6 kg CO ₂ e
Product non-virgin material ratio	10.1 %
Recyclable the content ratio of the finished product	47.9 %
GWP total B6 (kg CO ₂ eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO ₂ eq / kwh)
GWP total B6 (kg CO ₂ 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 ₂ eq / kwh)

Product Data

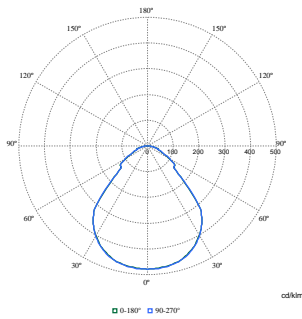
Order product name	RC132V G6 50S/940 PSU W60L60 NOC IP65
Full product name	RC132V G6 50S/940 PSU W60L60 NOC IP65
Full EOC	872016973523199
Order code	911401891685
Material no. (12 NC)	911401891685
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8720169735231
Numerator – packs per outer box	4
EAN/UPC - Case	8720169735385

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Dimensional drawing



Photometric data



Polar Normal (separate) - 911401891685

