



CoreLine Panel gen6

RC132V G6 43S/840 PSU W60L60 NOC BN

CoreLine Panel gen6, (in brown Eco Packaging), 31 W, 600x600 mm, VPC, 4300 lm, 4000 K, EL-ready

(in brown Eco Packaging), 600x600 mm, Visible profile ceiling version, Steel, White, Signal white (RAL9003), Power supply unit external (On/Off), 4300 lm, 31 W, 140 lm/W, 4000 K, (0.38, 0.38) SDCM ≤ 3 , Beam angle 120°, Opal, Polystyrene, IP20/40 | Finger-protected; Wire-protected, IK03 | 0.3 J, Safety class II, 2x0.75mm², Flying leads/wires, Self-contained emergency lighting is possible when used with a compatible battery kit accessory

Product data

General Information		Unified glare rating CEN	
Number of gear units	1 unit		22
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	20 A
		Inrush time	0.22 ms
Light Technical		Power Consumption	31 W
Luminous Flux	4,300 lm	Power Factor (Fraction)	0.9
Correlated Color Temperature (Nom)	4000 K	Connection	Flying leads/wires
Luminous Efficacy (rated) (Nom)	140 lm/W	Cable	2x0.75mm ²
Color rendering index (CRI)	>80	Number of products on MCB of 16 A type B	21
Beam angle of light source	120 degree(s)	Suitable for random switching	Not applicable
Light source color	840 neutral white	Protection class IEC	Safety class II
Optic type	Beam angle 120°	Total harmonic distortion	20 %
Luminaire light beam spread	120°		

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Controls and Dimming	
Dimmable	No
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 material	Polystyrene
Fixation material	-
Housing Color	White
Optical cover finish	Opal
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	IK03 [0.3 J]
Net Weight (Piece)	1.600 kg

Emergency Operation	
Emergency flux	380 lm
Central Emergency	No
Emergency lighting	Self-contained emergency lighting is possible when used with a compatible battery kit accessory

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%

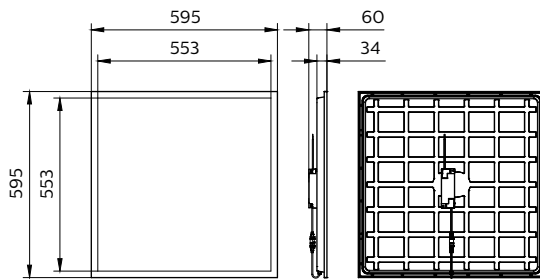
Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful life 50000 h	5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L85
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L75

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 _{2e}
Product non-virgin material ratio	10.1 %
Recyclable content ratio of the finished product	47.9 %
GWP total B6 (kg CO _{2e}) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO _{2e} / kWh)
GWP total B6 (kg CO _{2e}) 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 _{2e} 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

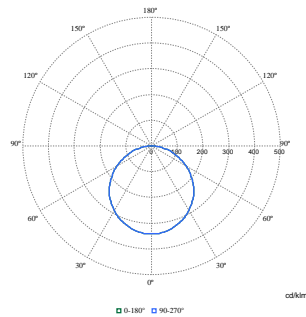
Product Data	
Order product name	RC132V G6 43S/840 PSU W60L60 NOC BN
Full product name	RC132V G6 43S/840 PSU W60L60 NOC BN
Full product code	872016975128699
Order code	911401807087
Material Nr. (12NC)	911401807087
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169751286
Numerator - Packs per outer box	4
EAN/UPC - Case	8720169751361

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Dimensional drawing



Photometric data



Polar Normal (separate) - 911401807087

