



CoreLine Panel gen6

RC132V G6 36S/840 PSU W30L120 OC ELB3

CoreLine Panel gen6, 27 W, 1200x30 mm, VPC, 3600 lm, 4000 K, UGR19, ELB3h

1200x30 mm, Visible profile ceiling version, Steel, White, Signal white (RAL9003), Single layer powder coating, Ceiling, Power supply unit (On/Off), All-in, Multi Color Temperature, 3600 lm, 27 W, 133 lm/W, 4000 K, (0.38, 0.38) SDCM \leq 3, UGR19, Beam angle 90°, White reflector, Polycarbonate, IP20/44 | Finger-protected; wire-protected, splash-proof, IK03 | 0.3 J, Safety class II, Push-in connector 4-pole, SC | Safety cable, Emergency lighting 3-hours duration basic version

Product data

General Information		All-in Type	
Number of gear units	Unit		All-in, Multi Color Temperature
Driver included	Yes	Operating and Electrical	
Service Tag	Yes	Input Voltage	220-240 V
Value ladder	Performance	Line Frequency	50 to 60 Hz
Warranty period	5 years	Initial CLO power consumption	- W
		Average CLO power consumption	- W
		Inrush current	16 A
		Inrush time	0.2 ms
		Power Consumption	27 W
		Power Factor (Fraction)	0.9
		Connection	Push-in connector 4-pole
		Cable	-
		Number of products on MCB (16 A type B)	30
		Suitable for random switching	No
		Protection class IEC	Safety class II
		Feed-through wiring	-
Light Technical			
Luminous Flux	3,600 lm		
Correlated Colour Temperature (Nom)	4000 K		
Luminous efficacy (rated) (nom.)	133 lm/W		
Colour rendering index (CRI)	>80		
Beam angle of light source	90 degree(s)		
Light source colour	840 neutral white		
Optic type	Beam angle 90°		
Luminaire light beam spread	90°		
Unified Glare Rating (CEN)	19		

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Total harmonic distortion	20 %
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Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
Maximum dim level	Not applicable
Embedded control	-
Photocell	-

Mechanical and Housing

Housing material	Steel
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	-
Housing Colour	White
Optical cover/lens finish	-
Reflector finish	White reflector
Overall length	1,195 mm
Overall width	295 mm
Overall height	69 mm
Dimensions (height x width x depth)	69 x 295 x 1195 mm
Compatible ceiling or ceiling installation accessory type	Visible profile ceiling version
Ingress protection code	IP20/44 [Finger-protected; wire-protected, splash-proof]
Mech. impact protection code	IK03 [0.3 J]
Explosion hazard class	-
Mounting	Ceiling
Safety device	SC [Safety cable]
Net Weight (Piece)	3.200 kg

Emergency Operation

Emergency flux	250 lm
Power consumption during Central DC emergency mode	2 W
Rated duration of the emergency lighting (when fully charged)	3 h
Additional max. power consumption when emergency battery is charging	6 W
Central Emergency	No
Type of emergency lighting battery	Lithium
Emergency lighting	Emergency lighting 3-hours duration basic version
Emergency function testing method	Manual/Test button
Emergency lighting operation mode	Maintained

Approval and Application

Glow-wire test	Temperature 850 °C, duration 30 s
Flammability mark	-
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	0°C 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* 35000 h	-
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L90
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 75000 h	-
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L80

Sustainability Data

Sustainability rating	Unclassified
Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	26.7 kg CO _{2e}
Product non-virgin material ratio	10.1 %
Recyclable the content ratio of the finished product	48.6 %
GWP total B6 (kg CO _{2eq}) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO _{2eq} / kWh)
GWP total B6 (kg CO _{2eq}) 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

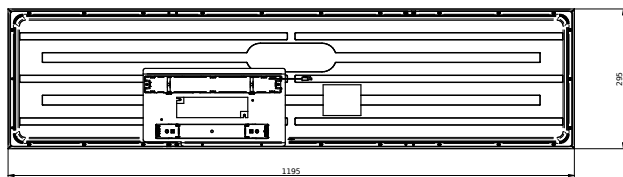
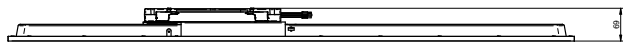
Order product name	RC132V G6 36S/840 PSU W30L120 OC ELB3
Full product name	RC132V G6 36S/840 PSU W30L120 OC ELB3
Full EOC	872016958876900

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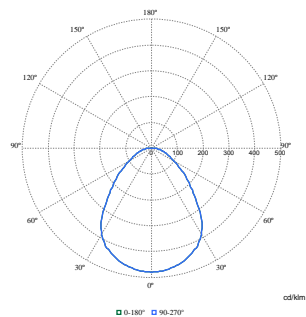
Order code	910505102819
Material no. (12 NC)	910505102819
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8720169588769
Numerator – packs per outer box	1

EAN/UPC - Case	8720169588769
Product family code	RC132V [CORELINE PANEL]

Dimensional drawing



Photometric data



Polar Normal (separate) - RC132VI - 910505102819

