PHILIPS

RC132V G6 36S/840 PSU W60L60 OC ELB3

910505102816



CoreLine Panel gen6, 27 W, 600x600 mm, VPC, 3600 lm, 4000 K, UGR19, ELB3h

600x600 mm, Visible profile ceiling version, Steel, White, Signal white (RAL9003), Single layer powder coating, Ceiling, Power supply unit (On/Off), 3600 lm, 27 W, 133 lm/W, 4000 K, (0.38, 0.38) SDCM ≤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

General Information

Number of gear units	1 unit
Driver included	Yes
Service tag	Yes
Value ladder	Performance
Warranty period	5 years

Light Technical

Luminous Flux	3,600 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	133 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	90 degree(s)
Light source color	840 neutral white

Optic type	Beam angle 90°
Luminaire light beam spread	90°
Unified glare rating CEN	19

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
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 of 16 A type B	30
Suitable for random switching	No
Protection class IEC	Safety class II
Feed-through wiring	-
Total harmonic distortion	20 %

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 material	Polycarbonate
Fixation material	-
Housing Color	White
Optical cover finish	-
Reflector Finish	White reflector
Overall length	595 mm
Overall width	595 mm
Overall height	69 mm
Dimensions (Height x Width x Depth)	69 x 595 x 595 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 hour(s)
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) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	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 50000 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

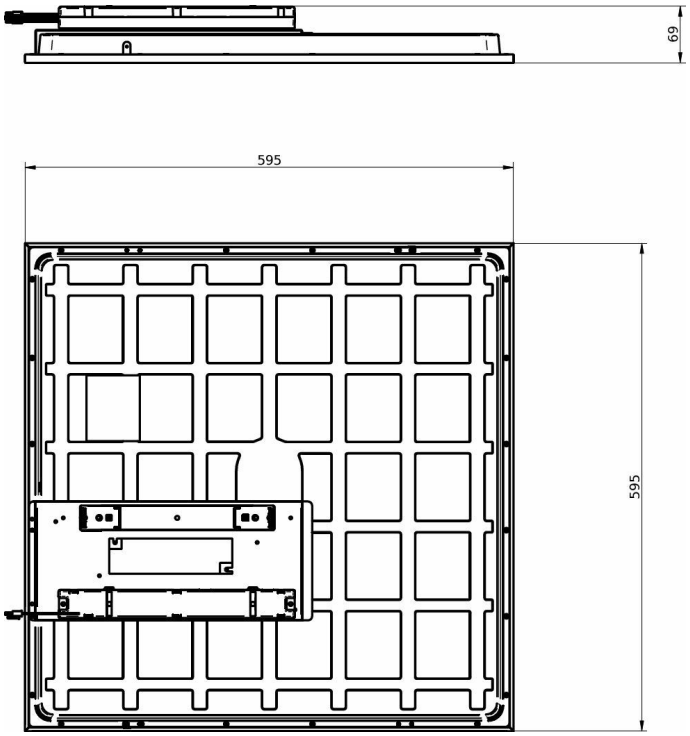
Sustainability Data

Sustainability rating	Unclassified
Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	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 CO2eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO2eq / kwh)
GWP total B6 (kg CO2eq) 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 CO2 eq / kwh)
Non-virgin material ratio of the packaging	Cardboard > 80% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80%
Packaging Material	Cardboard

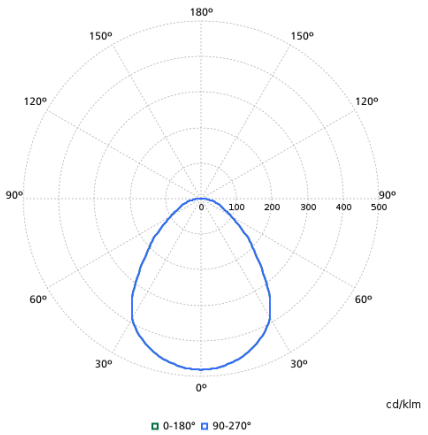
Product Data

Order product name	RC132V G6 36S/840 PSU W60L60 OC ELB3
Full product name	RC132V G6 36S/840 PSU W60L60 OC ELB3
Full product code	872016958873800
Order code	910505102816
Material Nr. (12NC)	910505102816
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169588738
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169588738
Product family code	RC132V [CORELINE PANEL]

Dimensional drawing



Polar normal diagrams



Related Documents

Documents and certificates	Document Name	Download
Environmental Product Declaration	EPD-Philips-RC132V-G6-36S-840-PSU-W60L60-OC-RC132V-Ref-911401890585.pdf	Download
Tender text	Tender_Text_910505102816_en_AA.txt	Download
Installation Instructions	CoreLine-panel-G6-Installation-Instructions-RC132V-RC133V-LSC.pdf	Download

Photometry and lighting design	Document Name	Download
IES File	rc132v-g6-36s-840-psu-w60l60-oc-elb3-910505102816.ies	Download
LDT File	rc132v-g6-36s-840-psu-w60l60-oc-elb3-910505102816.ldt	Download
ROLF File	rc132v-g6-36s-840-psu-w60l60-oc-elb3-910505102816.rolfz	Download
ULD File	rc132v-g6-36s-840-psu-w60l60-oc-elb3-910505102816.uld	Download
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