PHILIPS

RC132V 60S/840 PSU W60L120 OC

911401888287



Service tag

CoreLine Panel gen6, 43 W, 1200x600 mm, VPC, 6000 lm, 4000 K, UGR19, EL-ready

1200x600 mm, Visible profile ceiling version, Steel, White, Signal white (RAL9003), Power supply unit (On/Off), 6000 lm, 43 W, 140 lm/W, 4000 K, (0.38, 0.38) SDCM ≤3, UGR19, Beam angle 90°, Structured optic, Polycarbonate, IP20(IP44 front), IK03 | 0.3 J, Safety class II, Cable with connector, Push-in connector 3-pole, Self-contained emergency lighting is possible when used with a compatible battery kit accessory

General Information

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

Light Technical

Luminous Flux	6,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	140 lm/W
Color rendering index (CRI)	>80
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 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	18 A
Inrush time	0.275 ms
Power Consumption	43 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	Cable with connector
Number of products on MCB of 16 A type B	22
Suitable for random switching	Yes
Protection class IEC	Safety class II

Controls and Dimming

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

Mechanical and Housing

Housing Material	Steel
Reflector material	Acrylate
Optic material	Polymethyl methacrylate
Optical cover material	Polycarbonate
Fixation material	-
Housing Color	White
Optical cover finish	Structured optic
Overall length	1,195 mm
Overall width	595 mm
Overall height	37 mm
Dimensions (Height x Width x Depth)	37 x 595 x 1195 mm
Compatible ceiling or ceiling installation accessory type	Visible profile ceiling version
Ingress protection code	IP20(IP44 front)
Mech. impact protection code	IK03 [0.3 J]
Net Weight (Piece)	4.050 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
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%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤3

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	L90
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L80

Sustainability Data

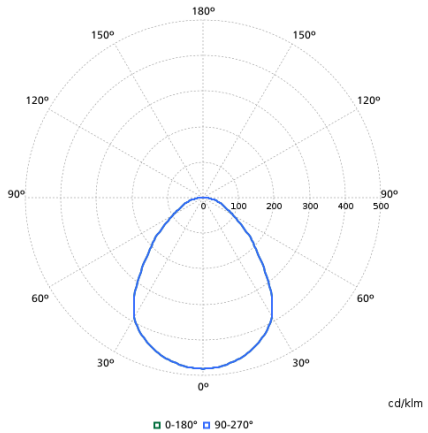
Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	38.9 kg CO_2e
Product non-virgin material ratio	11.4 %
Recyclable content ratio of the finished product	45.5 %
GWP total B6 (kg CO2eq) Declared Unit	Please calculate using your local energy mix value: Power 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 60S/840 PSU W60L120 OC
Full product name	RC132V 60S/840 PSU W60L120 OC
Full product code	872110331142999
Order code	911401888287
Material Nr. (12NC)	911401888287
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103311429
Numerator - Packs per outer box	2
EAN/UPC - Case	8721103311467

Dimensional drawing

Polar normal diagrams



Compatible Accesories

Accessory Image	Accessory Code	Accessory Name	Website
	911401808387	RC059Z SMB W60L120	Product Website
	911401888587	RC159Z CPC bracket kit	Product Website
	912401483602	EM300V ELB_ELP3 kit LV 3.6V 4800mAh LIB	Product Website

Related Documents

Documents and certificates	Document Name	Download
Environmental Product Declaration	EPD-Philips-RC132V-G6-60S-840-PSU-W60L120-OC-RC132V-ref-911401888287.pdf	Download
Environmental Product Declaration	EPD-CoreLine-Panel-gen6-RC132V-W60L120-Ref-911401888287.pdf	Download
Installation Instructions	CoreLine-panel-G6-Installation-Instructions-RC132V-v2.pdf	Download

Photometry and lighting design	Document Name	Download
IES File	rc132v-60s-840-psu-w60l120-oc-911401888287.ies	Download
LDT File	rc132v-60s-840-psu-w60l120-oc-911401888287.ldt	Download
ROLF File	rc132v-60s-840-psu-w60l120-oc-911401888287.rolfz	Download
ULD File	rc132v-60s-840-psu-w60l120-oc-911401888287.uld	Download
Revit file	rc132v-60s-840-psu-w60l120-oc-911401888287.zip	Download

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