PHILIPS

RC132V G6 60S/840 WIA W60L120 OC

911401813189



signify interact

Service tag

CoreLine Panel gen6, 41.5 W, PCV, VPC, 6000 lm, 4000 K, Wireless, Interact Ready, UGR19, EL-ready

Plaster ceiling version, Visible profile ceiling version, Steel, White, Signal white (RAL9003), Wireless driver Interact System ready, 6000 lm, 41.5 W, 145 lm/W, 4000 K, (0.3818,0.3797)SDCM<3, UGR19, Beam angle 90°, High-gloss reflector, Microprismatic lens, Polycarbonate, IP20(IP44 front), IK03 | 0.35 J reinforced, Safety class II, Cable with connector 3-pole, Connection unit 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)	145 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	4.8 A
Inrush time	0.056 ms
Power Consumption	41.5 W
Power Factor (Fraction)	0.90
Connection	Connection unit 3-pole
Cable	Cable with connector 3-pole
Number of products on MCB of 16 A type B	50
Suitable for random switching	Yes
Protection class IEC	Safety class II
Total harmonic distortion	20 %

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Wireless driver Interact System ready
Control interface	Wireless
Constant light output	No
Maximum dim level	Programmable
Connectivity	Interact Ready

Mechanical and Housing

Housing Material	Steel
Reflector material	Steel
Optic material	Polymethyl methacrylate
Optical cover material	Polycarbonate
Fixation material	-
Housing Color	White
Optical cover finish	Microprismatic lens
Reflector Finish	High-gloss reflector
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	Plaster ceiling version
Ingress protection code	IP20(IP44 front)
Mech. impact protection code	IK03 [0.35 J reinforced]
Net Weight (Piece)	4.160 kg

Emergency Operation

Emergency flux	380 lm
Rated duration of the emergency lighting (when fully charged)	3 hour(s)
Central Emergency	No
Emergency lighting	Self-contained emergency lighting is possible when used with a compatible battery kit accessory
Emergency function testing method	Manual / Test button
Emergency lighting operation mode	Maintained

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	(0.3818,0.3797)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* 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

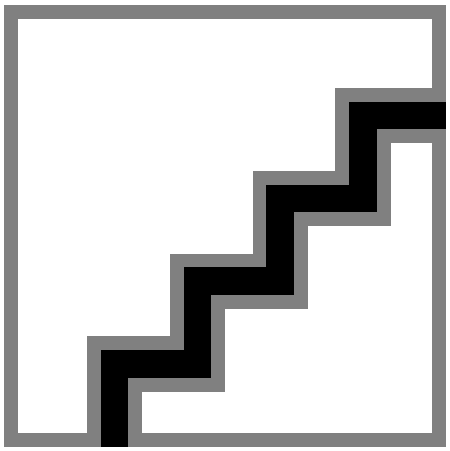
Repair class	Repair Class C, the driver of this luminaire can be replaced by a service technician. Special care is required during disassembly and reassembly, and specific tools may be required. Parts and documentation are available for a period of time.
Non-virgin material ratio of the packaging	Cardboard > 80% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80%
Packaging Material	Cardboard

Dimensional drawing

Product Data

Order product name	RC132V G6 60S/840 WIA W60L120 OC
Full product name	RC132V G6 60S/840 WIA W60L120 OC
Full product code	872110371249399
Order code	911401813189
Material Nr. (12NC)	911401813189
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103712493
Numerator - Packs per outer box	2
EAN/UPC - Case	8721103712547

Polar normal diagrams



Related Documents

Documents and certificates	Document Name	Download
Installation Instructions	CoreLine-panel-G6-Installation-Instructions-RC132V-All-in.pdf	Download
Environmental Product Declaration	EPD-Philips-RC132V-G6-60S-840-PSU-W60L120-OC-RC132V-ref-911401888287.pdf	Download
Tender text	Tender_Text_911401813189_en_AA.txt	Download

Photometry and lighting design	Document Name	Download
IES File	rc132v-g6-60s-840-wia-w60l120-oc-911401813189.ies	Download
LDT File	rc132v-g6-60s-840-wia-w60l120-oc-911401813189.ldt	Download
ROLF File	rc132v-g6-60s-840-wia-w60l120-oc-911401813189.rolfz	Download
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