PHILIPS

RC132V G6 46_50S/ 830_40 PSD W60L60 OC

911401812789



Multi ColorTemp | Multi Lumen | Service tag

CoreLine Panel gen6, 38 W, PCV, VPC, 4600 lm, 5000 lm, 3000 K, 4000 K, DALI, UGR19

Plaster ceiling version, Visible profile ceiling version, Steel, White, Signal white (RAL9003), Power supply unit with DALI interface, All-in, Multi Color Temperature, All-in, Multi Lumen, 4600 lm, 5000 lm, 38 W, 130 lm/W, 120 lm/W, 3000 K, 4000 K, (0.3818,0.3797)SDCM<3, UGR19, Beam angle 90°, High-gloss reflector, Microprismatic lens, Polystyrene, IP20(IP44 front), IK02 | 0.2 J standard, Safety class II, Cable with connector 5-pole, Connection unit 5-pole

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	4,600 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	130 lm/W
Color rendering index (CRI)	>80
Light source color	Multi Color Temperature
Optic type	Beam angle 90°

Luminaire light beam spread	90°
Unified glare rating CEN	19
All-in Type	All-in, Multi Color Temperature

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	26.8 A
Inrush time	0.264 ms
Power Consumption	38 W
Power Factor (Fraction)	0.90
Connection	Connection unit 5-pole
Cable	Cable with connector 5-pole
Number of products on MCB of 16 A type B	15
Suitable for random switching	Yes
Protection class IEC	Safety class II
Total harmonic distortion	20 %

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
DALI Standard	DALI-2™
Maximum dim level	1%

Mechanical and Housing

Housing Material	Steel
Reflector material	Steel
Optic material	Polymethyl methacrylate
Optical cover material	Polystyrene
Fixation material	-
Housing Color	White
Optical cover finish	Microprismatic lens
Reflector Finish	High-gloss reflector
Overall length	595 mm
Overall width	595 mm
Overall height	37 mm
Dimensions (Height x Width x Depth)	37 x 595 x 595 mm
Compatible ceiling or ceiling installation accessory type	Plaster ceiling version
Ingress protection code	IP20(IP44 front)
Mech. impact protection code	IK02 [0.2 J standard]
Net Weight (Piece)	2.180 kg

Emergency Operation

Central Emergency	No

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	L85
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	L75

Sustainability Data

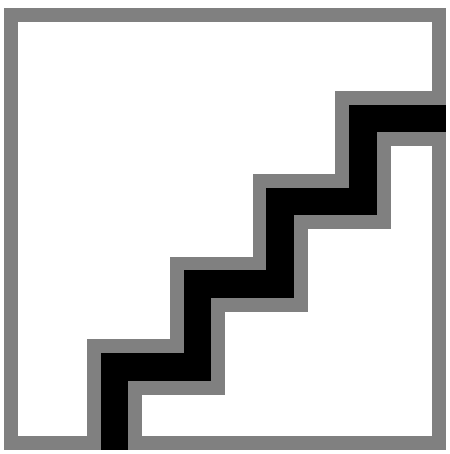
Repair class	Repair Class C, the driver of this luminaire can be replaced by a service technician. Special care is required during disassembly and reassembly, and specific tools may be required. Parts and documentation are available for a period of time.
Non-virgin material ratio of the packaging	Cardboard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

Product Data

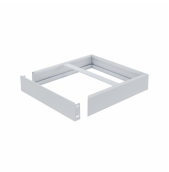
Order product name	RC132V G6 46_50S/830_40 PSD W60L60 OC
Full product name	RC132V G6 46_50S/830_40 PSD W60L60 OC
Full product code	872110371245599
Order code	911401812789
Material Nr. (12NC)	911401812789
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103712455
Numerator - Packs per outer box	4
EAN/UPC - Case	8721103712509

Dimensional drawing

Polar normal diagrams



Compatible Accesories

Accessory Image	Accessory Code	Accessory Name	Website
	911401807787	RC159Z SMB W60L60	Product Website
	911401809187	RC159Z Safety Cable	Product Website
	911401809287	RC159Z Plaster Ceiling SMB-PLC	Product Website
	911401809387	RC159Z Suspension set SME-4 WH	Product Website
	911401870988	RC159Z SMB W60L60 PREF	Product Website

Related Documents

Documents and certificates	Document Name	Download
Installation Instructions	CoreLine-panel-G6-Installation-Instructions-RC132V-All-in.pdf	Download
Environmental Product Declaration	EPD-CoreLine-Panel-gen6-RC132V-W60L60-Ref-911401890585.pdf	Download
Tender text	Tender_Text_911401812789_en_AA.txt	Download

Photometry and lighting design	Document Name	Download
IES File	rc132v-g6-46-50s-830-40-psd-w60l60-oc-911401812789.ies	Download
LDT File	rc132v-g6-46-50s-830-40-psd-w60l60-oc-911401812789.ldt	Download
ROLF File	rc132v-g6-46-50s-830-40-psd-w60l60-oc-911401812789.rolfz	Download
ULD File	rc132v-g6-46-50s-830-40-psd-w60l60-oc-911401812789.uld	Download
Revit file	rc132v-g6-46-50s-830-40-psd-w60l60-oc-911401812789.zip	Download

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