PHILIPS

RC132V G6 29_36_43S/ 830_40 PSU 30x120 OC

911401813089



Multi ColorTemp

Service tag

CoreLine Panel gen6, 31 W, PCV, VPC, 2900 lm, 3100 lm, 3350 lm, 3600 lm, 4000 lm, 4300 lm, 3000 K, 4000 K, UGR19

Plaster ceiling version, Visible profile ceiling version, Steel, White, Signal white (RAL9003), Power supply unit (On/Off), All-in, Multi Color Temperature, 2900 lm, 3100 lm, 3350 lm, 3600 lm, 4000 lm, 4300 lm, 31 W, 140 lm/W, 130 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 3-pole, Connection unit 3-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	2,900 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	140 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	20 A
Inrush time	0.22 ms
Power Consumption	31 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	26
Suitable for random switching	Yes
Protection class IEC	Safety class II
Total harmonic distortion	20 %

Controls and Dimming

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

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	1,195 mm
Overall width	295 mm
Overall height	37 mm
Dimensions (Height x Width x Depth)	37 x 295 x 1195 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)	2.450 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

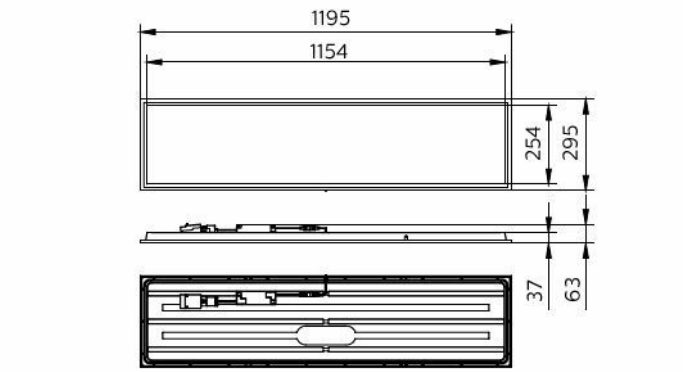
Over Time Performance (IEC Compliant)

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	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

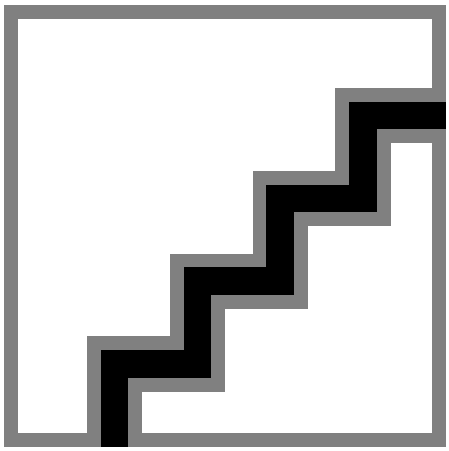
Dimensional drawing



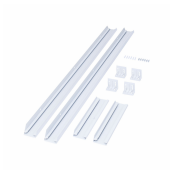
Product Data

Order product name	RC132V G6 29_36_43S/830_40 PSU 30x120 OC
Full product name	RC132V G6 29_36_43S/830_40 PSU 30x120 OC
Full product code	872110371248699
Order code	911401813089
Material Nr. (12NC)	911401813089
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103712486
Numerator - Packs per outer box	4
EAN/UPC - Case	8721103712530

Polar normal diagrams



Compatible Accesories

Accessory Image	Accessory Code	Accessory Name	Website
	911401807987	RC159Z SMB W30L120	Product Website
	911401809187	RC159Z Safety Cable	Product Website
	911401809287	RC159Z Plaster Ceiling SMB-PLC	Product Website
	911401809487	RC159Z Suspension set SME-3 WH	Product Website
	911401871188	RC159Z SMB W30L120 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-W30L120-Ref-911401890785.pdf	Download

Photometry and lighting design	Document Name	Download
IES File	rc132v-g6-29-36-43s-830-40-psu-30x120-oc-911401813089.ies	Download
LDT File	rc132v-g6-29-36-43s-830-40-psu-30x120-oc-911401813089.ldt	Download
ROLF File	rc132v-g6-29-36-43s-830-40-psu-30x120-oc-911401813089.rolfz	Download
ULD File	rc132v-g6-29-36-43s-830-40-psu-30x120-oc-911401813089.uld	Download
Revit file	rc132v-g6-29-36-43s-830-40-psu-30x120-oc-911401813089.zip	Download

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