

**RC065B G5 34_36S/
830_40 PSU W60L60 OC
SC**
911401877285



Ledinaire panel gen5, All-in, 30 W, 600x600 mm, VPC, 3400 lm, 3600 lm, 3000 K, 3500 K, 4000 K, UGR19

600x600 mm, Visible profile ceiling version, Steel, White RAL 9003, Signal white (RAL9003), Power supply unit external (On/Off), All-in, Multi Color Temperature, 3400 lm, 3600 lm, 30 W, 120 lm/W, 3000 K, 3500 K, 4000 K, (0.43, 0.40) SDCM ≤ 5 (0.38, 0.38) SDCM ≤ 5 , UGR19, Beam angle 90°, Diamond, Acrylate, IP20/40 | Finger-protected, Emitting surface, IK02 | 0.2 J standard, Safety class II, Push-in connector 3-pole, SC | Safety cable

General Information

Number of gear units	1 unit
Driver included	Yes
Service tag	No
Value ladder	Value
Warranty period	5 years

Light Technical

Luminous Flux	3,400 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	120 lm/W
Color rendering index (CRI)	80

Beam angle of light source	90 degree(s)
Light source color	3000K/3500K/4000K
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
Initial CLO power consumption	- W W
Average CLO power consumption	- W
Inrush current	18.7 A
Inrush time	0.218 ms
Power Consumption	30 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	-
Number of products on MCB of 16 A type B	23
Suitable for random switching	Not applicable
Protection class IEC	Safety class II
Total harmonic distortion	20 %

Controls and Dimming

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

Mechanical and Housing

Housing Material	Steel
Reflector material	Steel
Optic material	Polystyrene
Optical cover material	Acrylate
Fixation material	-
Housing Color	White RAL 9003
Optical cover finish	Diamond
Overall length	595 mm
Overall width	595 mm
Overall height	60 mm

Dimensions (Height x Width x Depth)	60 x 595 x 595 mm
Compatible ceiling or ceiling installation accessory type	Visible profile ceiling version
Ingress protection code	IP20/40 [Finger-protected, Emitting surface]
Mech. impact protection code	IK02 [0.2 J standard]
Safety device	SC [Safety cable]
Net Weight (Piece)	1.650 kg

Emergency Operation

Central Emergency	No
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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	-
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
Ambient temperature range	-10 to +35 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	-10%,+15%
Initial chromaticity	(0.43, 0.40) SDCM ≤5(0.38, 0.38) SDCM ≤5
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤5

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	7.5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L80
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 75000 h	L70

Sustainability Data

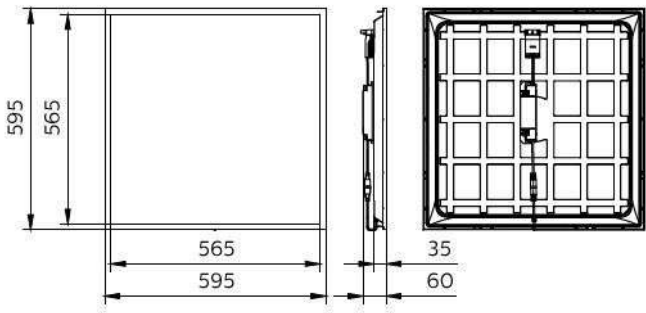
Sustainability rating	Unclassified
Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	41.1 kg CO ₂ e
Product non-virgin material ratio	7.46 %
Recyclable content ratio of the finished product	56 %
GWP total B6 (kg CO ₂ eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO ₂ eq / kwh)
GWP total B6 (kg CO ₂ eq) 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 CO ₂ 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	RC065B G5 34_36S/830_40 PSU W60L60 OC SC
Full product name	RC065B G5 34_36S/830_40 PSU W60L60 OC SC
Full product code	872016951672499
Order code	911401877285
Material Nr. (12NC)	911401877285
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169516724
Numerator - Packs per outer box	4
EAN/UPC - Case	8720169516953

Dimensional drawing



Compatible Accesories

Accessory Image	Accessory Code	Accessory Name	Website
	911401807787	RC159Z SMB W60L60	Product Website 
	911401808087	RC059Z SMB W60L60	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 
	911401870988	RC159Z SMB W60L60 PREF	Product Website 
	911401888587	RC159Z CPC bracket kit	Product Website 

Related Documents

Documents and certificates	Document Name	Download
Environmental Product Declaration	EPD-Philips-Ledinaire-panel-RC065B-G5-34S-830-840-PSU-W60L60-OC-SC-911401877285.pdf	Download 
Installation Instructions	Ledinaire-panel-G5-Mounting-Instructions-Connector-Finalv4.pdf	Download 
Photometry and lighting design	Document Name	Download
IES File	RC065B-G5-34S-830-835-840-PSU-W60L60-OC-1xLED.zip	Download 
LDT File	LDT-file-Ledinaire-PANEL-RC065B-G5-W60L60-34S-830-835-840-PSU-OC.zip	Download 