PHILIPS

Lighting

Ledinaire panel

RC065B G5 34S/865 PSU W60L60 NOC CFW

Ledinaire panel, 28 W, 600x600 mm, VPC, 3400 lm, 6500 K

The Philips Ledinaire panel Gen5 (RC065B/RC066B) range features a selection of popular off-the-shelf LED luminaires that offer Philips high quality at a competitive price. Reliable, energy-efficient and affordable, this latest generation of 600 x 600 mm, 620 x 620 mm, 300 x 1200 mm, and 600 x 1200 Ledinaire LED panel lights are designed for diffuse, comfortable lighting in a wide range of general lighting applications. Our range of Ledinaire panels lighting is also available with accessories for easy installation on different types of ceilings—just what you need.

Product data

General Information	
Number of gear units	1 unit
Driver included	Yes
Value ladder	Value

Light Technical	
Luminous Flux	3,400 lm
Luminous Efficacy (rated) (Nom)	120 lm/W
Correlated Color Temperature (Nom)	6500 K
Color rendering index (CRI)	>80
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Beam angle of light source	120 degree(s)
Light source color	865 cool daylight
Optic type	Beam angle 120°
Luminaire light beam spread	120°
Unified glare rating CEN	22
Total harmonic distortion	20 %

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	16 A
Inrush time	0.2 ms
Power Consumption	28 W
Power Factor (Fraction)	0.9
Connection	Flying leads/wires
Cable	2×0.75mm²
Number of products on MCB of 16 A type B	20

Temperature	
Ambient temperature range	-10 to +35 °C

Controls and Dimming	
Dimmable	No

Ledinaire panel

Driver/power unit/transformer	Power supply unit external (On/Off)
Control interface	-
Constant light output	No

Mechanical and Housing

Housing Material	Steel
Reflector material	Acrylate
Optic material	Polystyrene
Optical cover material	Acrylate
Fixation material	-
Housing Color	White
Optical cover finish	Microprismatic lens
Overall length	595 mm
Overall width	595 mm
Overall height	59 mm
Dimensions (Height x Width x Depth)	59 x 595 x 595 mm
Compatible ceiling or ceiling installation accessory type	Visible profile ceiling version

Emergency Operation

Central Emergency	No

Approval and Application

Ingress protection code	IP20/40 [Finger-protected;Wire-protected]
Mech. impact protection code	IK02 [0.2 J standard]
Sustainability rating	-
Protection class IEC	Safety class II
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	CE mark
ENEC mark	-
Warranty period	3 years
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
Photobiological risk specification	0.2 m

EU RoHS compliant	Yes

Initial Performance (IEC Compliant)

Luminous flux tolerance	-10% / +10%
Initial chromaticity	(0.31, 0.33) 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 at median useful life* 50000 h	L80
Lumen maintenance at median useful life* 75000 h	-

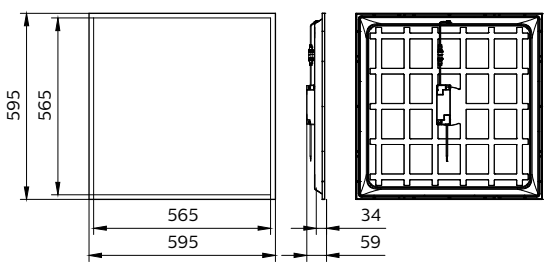
Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Suitable for random switching	Not applicable

Product Data

Order product name	RC065B G5 34S/865 PSU W60L60 NOC CFW
Full product name	RC065B G5 34S/865 PSU W60L60 NOC CFW
Full product code	872016951656499
Order code	911401875685
Material Nr. (12NC)	911401875685
Numerator - Quantity Per Pack	1
Net Weight (Piece)	1.350 kg
EAN/UPC - Product/Case	8720169516564
Numerator - Packs per outer box	4
EAN/UPC - Case	8720169516793

Dimensional drawing



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