Ledinaire panel gen5

RC065B G5 34_36S/830_40 PSU W60L60 OC SC

Ledinaire panel gen5, All-in, 28 W, 600x600 mm, VPC, 3400 lm, 3600 lm, 3000 K, 4000 K, UGR19

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
Serviceability class	Class C, luminaire without serviceable parts, not serviceable
Warranty period	3 years
Sustainability rating	–

Light Technical

Luminous Flux	3,400 3,600 lm
Correlated Color Temperature (Nom)	3000 4000 K
Luminous Efficacy (rated) (Nom)	120 113 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
Inrush current	18.7 A
Inrush time	0.218 ms
Power Consumption	28 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

data subject to change

Ledinaire panel gen5

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	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	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;Wire-protected]
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

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% / +10%
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

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

Ledinaire panel gen5

Dimensional drawing

595 565 565 595 35 60

www.lighting.philips.com

2026, January 29 – data subject to change