



# Ledinaire panel gen5

## RC065B G5 34S/840 PSU W60L60 OC CFW

Ledinaire panel gen5, 28 W, 600x600 mm, VPC, 3400 lm, 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		Unified glare rating CEN	
Number of gear units	1 unit	19	
Driver included	Yes	Operating and Electrical	
Value ladder	Value	Input Voltage	220 to 240 V
Warranty period	3 years	Line Frequency	50 or 60 Hz
Sustainability rating	-	Inrush current	16 A
Light Technical		Inrush time	0.2 ms
Luminous Flux	3,400 lm	Power Consumption	28 W
Correlated Color Temperature (Nom)	4000 K	Power Factor (Fraction)	0.9
Luminous Efficacy (rated) (Nom)	120 lm/W	Connection	Flying leads/wires
Color rendering index (CRI)	>80	Cable	2x0.75mm <sup>2</sup>
Beam angle of light source	90 degree(s)	Number of products on MCB of 16 A type B	20
Light source color	840 neutral white	Suitable for random switching	Not applicable
Optic type	Beam angle 90°	Protection class IEC	Safety class II
Luminaire light beam spread	90°	Total harmonic distortion	20 %

## Ledinaire panel gen5

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]
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	(0.38, 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	-

Product Data	
Order product name	RC065B G5 34S/840 PSU W60L60 OC CFW
Full product name	RC065B G5 34S/840 PSU W60L60 OC CFW
Full product code	872016951651999
Order code	911401875185
Material Nr. (12NC)	911401875185
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169516519
Numerator - Packs per outer box	4
EAN/UPC - Case	8720169516748

