



# Ledinaire panel gen5

## RC065B G5 34\_36S/830\_40 PSU 60x60 NOC SC

Ledinaire panel gen5, All-in, 28 W, 600x600 mm, VPC, 3400 lm, 3600 lm, 3000 K, 4000 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		Unified glare rating CEN	
Number of gear units	1 unit		22
Driver included	Yes	All-in Type	All-in, Multi Color Temperature
Value ladder	Value	<b>Operating and Electrical</b>	
Warranty period	3 years	Input Voltage	220 to 240 V
Sustainability rating	-	Line Frequency	50 or 60 Hz
<b>Light Technical</b>		Inrush current	16 A
Luminous Flux	3,400 3,600 lm	Inrush time	0.2 ms
Correlated Color Temperature (Nom)	3000 4000 K	Power Consumption	28 W
Luminous Efficacy (rated) (Nom)	120 lm/W	Power Factor (Fraction)	0.9
Color rendering index (CRI)	>80	Connection	Push-in connector 2-pole
Beam angle of light source	120 degree(s)	Cable	-
Light source color	3000K/3500K/4000K	Number of products on MCB of 16 A type B	20
Optic type	Beam angle 120°	Suitable for random switching	Not applicable
Luminaire light beam spread	120°	Protection class IEC	Safety class II

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Total harmonic distortion	20 %
<b>Controls and Dimming</b>	
Dimmable	No
Driver/power unit/transformer	Power supply unit external (On/Off)
Control interface	-
Constant light output	No
Maximum dim level	Not applicable
<b>Mechanical and Housing</b>	
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
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)	1.350 kg
<b>Emergency Operation</b>	
Central Emergency	No
<b>Approval and Application</b>	
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
<b>Initial Performance (IEC Compliant)</b>	
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
<b>Over Time Performance (IEC Compliant)</b>	
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	-
<b>Product Data</b>	
Order product name	RC065B G5 34_36S/830_40 PSU 60x60 NOC SC
Full product name	RC065B G5 34_36S/830_40 PSU 60x60 NOC SC
Full product code	872016951673199
Order code	911401877385
Material Nr. (12NC)	911401877385
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169516731
Numerator - Packs per outer box	4
EAN/UPC - Case	8720169516960

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### Dimensional drawing

