



Ledinaire panel gen5

RC065B G5 60S/840 PSU 60x120 NOC TPb CFW

Ledinaire panel gen5, 50 W, 1200x600 mm, VPC, 6000 lm, 4000 K, TP(b)

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	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	24 A
		Inrush time	0.23 ms
Light Technical		Power Consumption	50 W
Luminous Flux	6,000 lm	Power Factor (Fraction)	0.9
Correlated Color Temperature (Nom)	4000 K	Connection	Flying leads/wires
Luminous Efficacy (rated) (Nom)	120 lm/W	Cable	2x0.75mm ²
Color rendering index (CRI)	>80	Number of products on MCB of 16 A type B	13
Beam angle of light source	120 degree(s)	Suitable for random switching	Not applicable
Light source color	840 neutral white	Protection class IEC	Safety class II
Optic type	Beam angle 120°	Total harmonic distortion	20 %
Luminaire light beam spread	120°		

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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	1,195 mm
Overall width	595 mm
Overall height	59 mm
Dimensions (Height x Width x Depth)	59 x 595 x 1195 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)	3.600 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 60S/840 PSU 60x120 NOC TPb CFW
Full product name	RC065B G5 60S/840 PSU 60x120 NOC TPb CFW
Full product code	872016951669499
Order code	911401876985
Material Nr. (12NC)	911401876985
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169516694
Numerator - Packs per outer box	2
EAN/UPC - Case	8720169516922

