



Ledinaire panel gen5

RC065B G5 34S/840 PSU W60L60 NOC CFW

Ledinaire panel gen5, 28 W, 600x600 mm, VPC, 3400 lm, 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		Optic type	
Number of gear units	Unit	Luminaire light beam spread	Beam angle 120°
Driver included	Yes	Unified Glare Rating (CEN)	120°
Value ladder	Value		22
Serviceability class	Class C, luminaire without serviceable parts, not serviceable	Operating and Electrical	
Warranty period	5 years	Input Voltage	220 to 240 V
Sustainability rating	Unclassified	Line Frequency	50 or 60 Hz
Light Technical		Inrush current	18.7 A
Luminous Flux	3,400 lm	Inrush time	0.218 ms
Correlated Colour Temperature (Nom)	4000 K	Power Consumption	28 W
Luminous efficacy (rated) (nom.)	120 lm/W	Power Factor (Fraction)	0.9
Colour rendering index (CRI)	>80	Connection	Flying leads/cables
Beam angle of light source	120 degree(s)	Cable	2×0.75 mm ²
Light source colour	840 neutral white	Number of products on MCB (16 A type B)	23
		Suitable for random switching	Not applicable
		Protection class IEC	Safety class II

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Total harmonic distortion	20 %
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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/lens material	Acrylate
Fixation material	-
Housing Colour	White
Optical cover/lens 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]
Net Weight (Piece)	1.350 kg

Emergency Operation

Central Emergency	No
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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
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Photobiological risk specification	0.2 m
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Flickering value (PstLM)	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

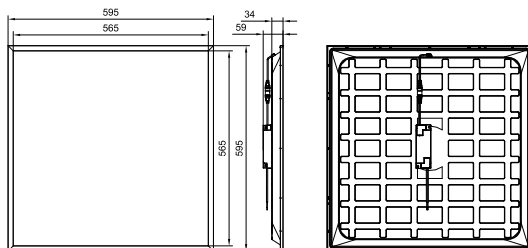
Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 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 34S/840 PSU W60L60 NOC CFW
Full product name	RC065B G5 34S/840 PSU W60L60 NOC CFW
Full EOC	872016951654099
Order code	911401875485
Material no. (12 NC)	911401875485
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8720169516540
Numerator – packs per outer box	4
EAN/UPC - Case	8720169516779

Dimensional drawing



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