



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	Unit		19
Driver included	Yes	Operating and Electrical	
Value ladder	Value	Input Voltage	220 to 240 V
Warranty period	5 years	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	90 degree(s)	Cable	2x0.75 mm ²
Light source colour	840 neutral white	Number of products on MCB (16 A type B)	23
Optic type	Beam angle 90°	Suitable for random switching	Not applicable
Luminaire light beam spread	90°	Protection class IEC	Safety class II
		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	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)	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

Sustainability Data	
Sustainability rating	Unclassified
Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	38.7 kg CO _{2e}
Product non-virgin material ratio	6.79 %
Recyclable the content ratio of the finished product	61.5 %
GWP total B6 (kg CO _{2eq}) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO _{2eq} / kWh)
GWP total B6 (kg CO _{2eq}) Functional Unit	Please calculate using your local energy mix value: POWER DECLARED UNIT (kW) * 1000 (lm) / LUMEN OUTPUT DECLARED UNIT (lm) * 35000 (hrs) * ENERGY MIX (kg CO ₂ eq / kWh)

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 EOC	872016951651999
Order code	911401875185
Material no. (12 NC)	911401875185
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8720169516519
Numerator – packs per outer box	4
EAN/UPC - Case	8720169516748

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Dimensional drawing

