



# Ledinaire panel gen5

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

Ledinaire panel gen5, 28 W, 600x600 mm, VPC, 3400 lm, 4000 K, UGR19

600x600 mm, Visible profile ceiling version, Steel, White, Signal white (RAL9003), Power supply unit external (On/Off), 3400 lm, 28 W, 120 lm/W, 4000 K, (0.38, 0.38) SDCM  $\leq$ 5, UGR19, Beam angle 90°, Microprismatic lens, Acrylate, IP20/40 | Finger-protected;Wire-protected, IK02 | 0.2 J standard, Safety class II, 2x0.75mm<sup>2</sup>, Flying leads/wires

### Product data

General Information		Operating and Electrical	
Number of gear units	1 unit	Input Voltage	220 to 240 V
Driver included	Yes	Line Frequency	50 or 60 Hz
Value ladder	Value	Inrush current	18.7 A
Warranty period	5 years	Inrush time	0.218 ms
Light Technical		Power Consumption	28 W
Luminous Flux	3,400 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 <sup>2</sup>
Color rendering index (CRI)	>80	Number of products on MCB of 16 A type B	23
Beam angle of light source	90 degree(s)	Suitable for random switching	Not applicable
Light source color	840 neutral white	Protection class IEC	Safety class II
Optic type	Beam angle 90°	Total harmonic distortion	20 %
Luminaire light beam spread	90°	Controls and Dimming	
Unified glare rating CEN	19	Dimmable	No
		Driver/power unit/transformer	Power supply unit external (On/Off)
		Control interface	-

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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
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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
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	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 <sub>2</sub> e
Product non-virgin material ratio	6.79 %
Recyclable content ratio of the finished product	61.5 %
GWP total B6 (kg CO <sub>2</sub> eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO <sub>2</sub> eq / kWh)
GWP total B6 (kg CO <sub>2</sub> eq) Functional Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) / lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO <sub>2</sub> eq / kWh)
Non-virgin material ratio of the packaging	Cardboard > 80% recycled Plastic >35% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80% Plastic recycling rate > 40%
Packaging Material	Cardboard Plastic

### 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	51651999
Material Nr. (12NC)	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

