



# 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

600x600 mm, Visible profile ceiling version, Steel, White, Signal white (RAL9003), Power supply unit external (On/Off), All-in, Multi Color Temperature, 3400 lm, 3600 lm, 28 W, 120 lm/W, 113 lm/W, 3000 K, 4000 K, (0.43, 0.40) SDCM  $\leq 5$  ; (0.38, 0.38) SDCM  $\leq 5$ , Beam angle 120°, Microprismatic lens, Acrylate, IP20/40 | Finger-protected; Wire-protected, IK02 | 0.2 J standard, Safety class II, Push-in connector 3-pole, SC | Safety cable

### Product data

General Information	
Number of gear units	1 unit
Driver included	Yes
Value ladder	Value
Warranty period	5 years
Light Technical	
Luminous Flux	3,400 3,600 lm
Correlated Color Temperature (Nom)	3000 4000 K
Luminous Efficacy (rated) (Nom)	120 113 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	120 degree(s)
Light source color	3000K/3500K/4000K
Optic type	Beam angle 120°
Luminaire light beam spread	120°
Unified glare rating CEN	22

All-in Type	All-in, Multi Color Temperature
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	18.7 A
Inrush time	0.218 ms
Power Consumption	28 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	-
Number of products on MCB of 16 A type B	23
Suitable for random switching	Not applicable
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 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

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	(0.43, 0.40) SDCM ≤5 ; (0.38, 0.38) SDCM ≤5
Power consumption tolerance	+/-10%

Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤5
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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 L80 median useful life* 50000 h	
Lumen maintenance (EN-IEC 62722-2-1) at L70 median useful life* 75000 h	

Sustainability Data	
Sustainability rating	Unclassified
Repair class	Repair Class D, this product is not designed to be repaired.
Embedded carbon (A1-A3)	37.4 kg CO <sub>2</sub> e
Product non-virgin material ratio	8.79 %
Recyclable content ratio of the finished product	54.8 %
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 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	51673199
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

