



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)

1200x600 mm, Visible profile ceiling version, Steel, White, Signal white (RAL9003), Power supply unit external (On/Off), 6000 lm, 50 W, 120 lm/W, 4000 K, (0.38, 0.38) SDCM ≤ 5 , Beam angle 120°, Microprismatic lens, Acrylate, IP20/40 | Finger-protected; Wire-protected, IK02 | 0.2 J standard, Safety class II, 2x0.75mm², Flying leads/wires, TP(b) diffuser flammability class

Product data

General Information	
Number of gear units	1 unit
Driver included	Yes
Value ladder	Value
Warranty period	5 years

Light Technical	
Luminous Flux	6,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	120 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	120 degree(s)
Light source color	840 neutral white
Optic type	Beam angle 120°
Luminaire light beam spread	120°
Unified glare rating CEN	22

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	24 A
Inrush time	0.23 ms
Power Consumption	50 W
Power Factor (Fraction)	0.9
Connection	Flying leads/wires
Cable	2x0.75mm ²
Number of products on MCB of 16 A type B 13	
Suitable for random switching	Not applicable
Protection class IEC	Safety class II
Total harmonic distortion	20 %

Controls and Dimming	
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	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
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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
Diffuser Flammability Class	TP(b) diffuser flammability class
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 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)	32.2 kg CO ₂ e
Product non-virgin material ratio	20.2 %
Recyclable content ratio of the finished product	65 %
GWP total B6 (kg CO ₂ eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO ₂ eq / kwh)
GWP total B6 (kg CO ₂ 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 ₂ 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 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	51669499
Material Nr. (12NC)	911401876985
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169516694
Numerator - Packs per outer box	2
EAN/UPC - Case	8720169516922

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Dimensional drawing

