



Cleanroom CR350B

CR350B LED60S/840 PSD W60L60

Cleanroom CR350B, ISO 14644-1 Air cleanliness Class 1, 55 W, 600x600 mm, 6000 lm, 4000 K, DALI, UGR19

ISO 14644-1 Air cleanliness Class 1, 600x600 mm, Steel, White, Traffic white (RAL9016), Power supply unit with DALI interface, 6000 lm, 55 W, 109 lm/W, 4000 K, (0.38, 0.38) SDCM <3, UGR19, Wide beam, Clear, Glass, IP65 | Dust penetration-protected, jet-proof, IK09 | 10 J, Safety class I, Push-in connector 5-pole

Product data

General Information		Unified Glare Rating (CEN)	
Light source replaceable	No	Unified Glare Rating (CEN)	19
Number of gear units	Unit	Operating and Electrical	
Driver included	Yes	Input Voltage	220 to 240 V
Service Tag	Yes	Line Frequency	50 to 60 Hz
Lighting Technology	LED	Average CLO power consumption	- W
Value ladder	Specification	Inrush current	24.9 A
Warranty period	5 years	Inrush time	215 ms
Light Technical		Power Consumption	55 W
Luminous Flux	6,000 lm	Power Factor (Fraction)	0.9
Saturated Red (R9)	<50	Connection	Push-in connector 5-pole
Correlated Colour Temperature (Nom)	4000 K	Cable	-
Luminous efficacy (rated) (nom.)	109 lm/W	Number of products on MCB (16 A type B)	24
Colour rendering index (CRI)	>80	Suitable for random switching	No
Beam angle of light source	120 degree(s)	Protection class IEC	Safety class I
Light source colour	840 neutral white	Total harmonic distortion	20 %
Optic type	Wide beam	Controls and Dimming	
Luminaire light beam spread	80° x 80°	Dimmable	Yes

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Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
DALI standard	DALI-2™
Maximum dim level	1%

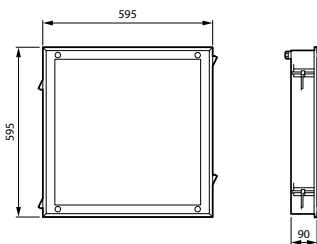
Mechanical and Housing

Housing material	Steel
Reflector material	-
Optic material	Polystyrene
Optical cover/lens material	Glass
Fixation material	-
Housing Colour	White
Optical cover/lens finish	Clear
Overall length	595 mm
Overall width	595 mm
Overall height	90 mm
Dimensions (height x width x depth)	90 x 595 x 595 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK09 [10 J]
Net Weight (Piece)	7.300 kg

Approval and Application

Glow-wire test	-
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	-20 to +35 °C

Dimensional drawing



Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) SDCM <3
Power consumption tolerance	+/-10%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤3

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50,000 h	5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L80

Sustainability Data

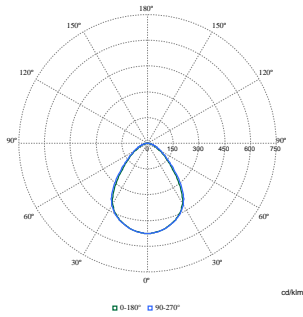
Sustainability rating	Unclassified
Repair class	Repair Class B, the driver and light source of this luminaire can be replaced by a service technician. Parts and documentation are available for an extended period of time.

Product Data

Order product name	CR350B LED60S/840 PSD W60L60
Full product name	CR350B LED60S/840 PSD W60L60
Full EOC	871869979714000
Order code	912401483361
Material no. (12 NC)	912401483361
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699797140
Numerator – packs per outer box	1
EAN/UPC – Case	8718699797140

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Photometric data



Polar Normal (separate) - 912401483361

