



# 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		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%

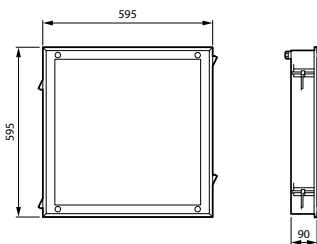
## Mechanical and Housing

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

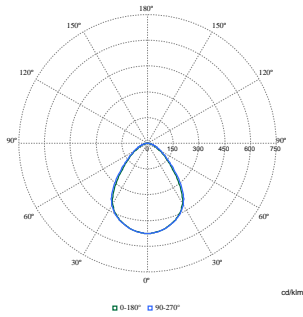
Sustainability rating	Unclassified
Repair class	Repair Class B, the driver and light source of this luminaire can be replaced by a service technician. Parts and documentation are available for an extended period of time.

## 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

