



# Cleanroom CR350B

## CR350B LED40S/840 PSD W30L120

Cleanroom CR350B, ISO 14644-1 Air cleanliness Class 1, 37 W, 1200x300 mm, 4000 lm, 4000 K, DALI, UGR19

ISO 14644-1 Air cleanliness Class 1, 1200x300 mm, Steel, White, Traffic white (RAL9016), Power supply unit with DALI interface, 4000 lm, 37 W, 108 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	
Light source replaceable	No
Number of gear units	Unit
Driver included	Yes
Service Tag	Yes
Lighting Technology	LED
Value ladder	Specification
Warranty period	5 years
Light Technical	
Luminous Flux	4,000 lm
Saturated Red (R9)	<50
Correlated Colour Temperature (Nom)	4000 K
Luminous efficacy (rated) (nom.)	108 lm/W
Colour rendering index (CRI)	>80
Beam angle of light source	120 degree(s)
Light source colour	840 neutral white
Optic type	Wide beam
Luminaire light beam spread	80° x 80°

Unified Glare Rating (CEN)	19
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Average CLO power consumption	- W
Inrush current	24.9 A
Inrush time	215 ms
Power Consumption	37 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 5-pole
Cable	-
Number of products on MCB (16 A type B)	24
Suitable for random switching	No
Protection class IEC	Safety class I
Total harmonic distortion	20 %
Controls and Dimming	
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%

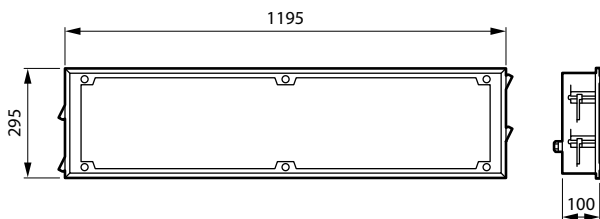
## Mechanical and Housing

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	1,195 mm
Overall width	295 mm
Overall height	100 mm
Dimensions (height x width x depth)	100 x 295 x 1195 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK09 [10 J]
Net Weight (Piece)	7.500 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	5 %
50,000 h	
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 LED40S/840 PSD W30L120
Full product name	CR350B LED40S/840 PSD W30L120
Full EOC	871869979720100
Order code	912401483367
Material no. (12 NC)	912401483367
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699797201
Numerator – packs per outer box	1
EAN/UPC – Case	8718699797201

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## Photometric data



Polar Normal (separate) - 912401483367

