PHILIPS

CR350B LED40S/840 PSD W30L120

912401483367



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

ISO 14644-1 Air cleanness 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

General Information

Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Sustainability rating	Unclassified
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 Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	108 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	120 degree(s)
Light source color	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 of 16 A type B	24
Suitable for random switching	Yes
Protection class IEC	Safety class I
Total harmonic distortion	20 %

Controls and Dimming

Dimmable	Yes
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 material	Glass
Fixation material	-
Housing Color	White
Optical cover 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	Temperature 650 °C, duration 30 s
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

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 50000 h	5 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L80

Sustainability Data

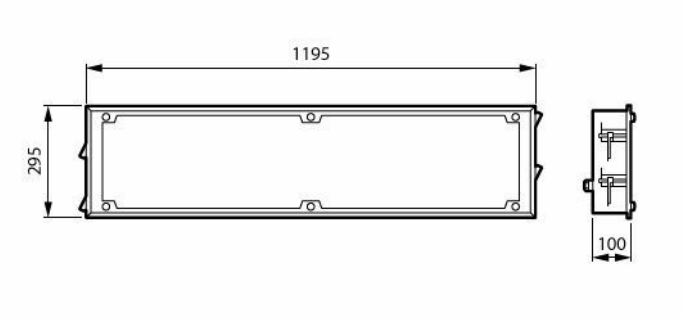
Repair class	Repair Class B, the driver and light source of this luminaire can be replaced by a service technician. Parts and documentation are available for an extended period of time.
Non-virgin material ratio of the packaging	Cardboard > 80% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80%
Packaging Material	Cardboard

Product Data

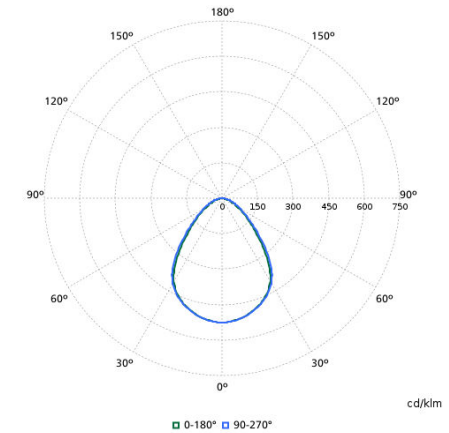
Order product name	CR350B LED40S/840 PSD W30L120
Full product name	CR350B LED40S/840 PSD W30L120
Full product code	871869979720100
Order code	912401483367

Material Nr. (12NC)	912401483367
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699797201
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699797201

Dimensional drawing



Polar normal diagrams



Related Documents

Documents and certificates	Document Name	Download
Installation Instructions	2022-03-17_MI Cleanroom CR350B_352B.pdf	Download

Photometry and lighting design	Document Name	Download
IES File	cr350b-led40s-840-psd-w30l120-912401483367.ies	Download
LDT File	cr350b-led40s-840-psd-w30l120-912401483367.ldt	Download
ROLF File	cr350b-led40s-840-psd-w30l120-912401483367.rolfz	Download
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