



Cleanroom CR350B

CR350B LED60S/940 PSU W60L60

940 neutral white, Power supply unit (On/Off), Push-in connector 3-pole

When operating a facility where the highest levels of hygiene are required, the demands placed on light are also very high. It must comply with strict standards; it must be easy to clean, dust-free, sealed and waterproof – all while offering exceptional optical performance. Philips Cleanroom CR350B luminaires are designed specifically for facilities where hygiene is critical, such as hospitals, laboratories, surgical and examination rooms, as well as applications in the pharmaceutical industry. These energy-efficient, durable cleanroom lighting solutions deliver excellent quality of light that complies with the strictest norms, as well as legislation that requires special IP65, easy-to-clean, dust-free luminaires. Thanks to excellent quality of light and color rendering, these Philips cleanroom luminaires also reduce eye strain. This can make all the difference in industries such as cleanroom production, graphics and textile manufacturing where high lumen and low glare light are so important.

Product data

General Information		Application Conditions	
Light source replaceable	No	EU RoHS compliant	Yes
CE mark	Yes	Value ladder	Specification
Number of gear units	1 unit	Maximum dim level	Not applicable
Driver included	Yes	Performance ambient temperature Tq	25 °C
Flammability mark	For mounting on normally flammable surfaces	Suitable for random switching	No
Glow-wire test	Temperature 960 °C, duration 5 s		
Warranty period	5 years	Light Technical	
Lighting Technology	LED	Luminous Flux	6,000 lumen
ENEC mark	ENEC mark		

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Saturated Red (R9)	>50
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	100 lm/W
Color rendering index (CRI)	>90
Beam angle of light source	120 degree(s)
Light source color	940 neutral white
Optic type	Wide beam
Luminaire light beam spread	80° x 80°
Unified glare rating CEN	19

Operating and Electrical

Line Frequency	50 to 60 Hz
Input Voltage	220 to 240 V
Average CLO power consumption	- W
Inrush current	20 A
Inrush time	240 ms
Power Consumption	60 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 3-pole
Cable	-
Number of products on MCB of 16 A type B	24

Temperature

Ambient temperature range	-20 to +35 °C
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Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No

Mechanical and Housing

Housing Material	Steel
Reflector material	-
Optic material	Polystyrene
Optical cover/lens material	Glass
Fixation material	-
Housing Color	White RAL9016

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

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]
Sustainability rating	-
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 0 @200mm to EN62778

Initial Performance (IEC Compliant)

Initial chromaticity	(0.39, 0.38) SDCM <3
Luminous flux tolerance	+/-10%
Power consumption tolerance	+/-10%

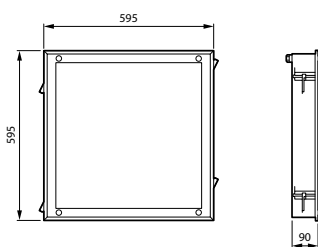
Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life	5 %
50000 h	
Lumen maintenance at median useful life*	L80
50000 h	

Product Data

Full product code	871869979713300
Order product name	CR350B LED60S/940 PSU W60L60
Order code	912401483360
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	912401483360
Full product name	CR350B LED60S/940 PSU W60L60
EAN/UPC - Case	8718699797133

Dimensional drawing



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