



# Cleanroom LED CR250B

## CR150B LED35S/840 PSU W30L120 IP54

Cleanroom LED CR250B, 40 W, 1200x300 mm, 3500 lm, 4000 K, IP54

1200x300 mm, Steel, White, Power supply unit (On/Off), 3500 lm, 40 W, 88 lm/W, 4000 K, (0.38, 0.38) SDCM <4, Opal, Polymethyl methacrylate, IP54 | Dust accumulation-protected, splash-proof, IK03 | 0.3 J, Safety class II, Cable 0.75 m without plug

### Product data

General Information	
Lamp family code	GRN35 [LED GreenLine 3500 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Service tag	No
Lighting Technology	LED
Value ladder	Performance
Warranty period	5 years
Light Technical	
Luminous Flux	3,500 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	88 lm/W
Color rendering index (CRI)	>80
Number of light sources	2
Light source color	840 neutral white

Optic type	-
Luminaire light beam spread	110°
Unified glare rating CEN	22
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	13 A
Inrush time	270 ms
Power Consumption	40 W
Power Factor (Fraction)	0.9
Connection	-
Cable	Cable 0.75 m without plug
Number of products on MCB of 16 A type B	24
Suitable for random switching	Yes
Protection class IEC	Safety class II

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Total harmonic distortion	6 %
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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	-
Optical cover material	Polymethyl methacrylate
Fixation material	-
Housing Color	White
Optical cover finish	Opal
Overall length	1,195 mm
Overall width	295 mm
Overall height	102 mm
Dimensions (Height x Width x Depth)	102 x 295 x 1195 mm
Ingress protection code	IP54 [Dust accumulation-protected, splash-proof]
Mech. impact protection code	IK03 [0.3 J]
Optical cover type	Polymethyl methacrylate bowl/cover
Net Weight (Piece)	6.500 kg

## Approval and Application

Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on easily flammable surfaces
CE mark	Yes
ENEC mark	-
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example

B10. Therefore, the median useful life (B50) value also represents the B10 value.

Ambient temperature range	0 to +40 °C
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## Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-5%
Initial chromaticity	(0.38, 0.38) SDCM <4
Power consumption tolerance	+/-5%
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤4

## 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* 50000 h	L70

## Sustainability Data

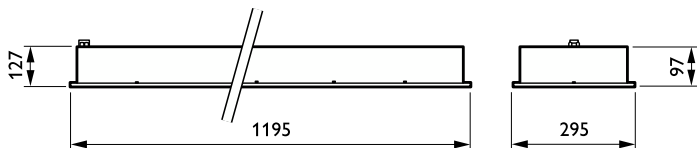
Sustainability rating	Unclassified
Repair class	Repair Class B, the driver and light source of this luminaire can be replaced by a service technician. Parts and documentation are available for an extended period of time.
Non-virgin material ratio of the packaging	Cardboard > 80% recycled Plastic >35% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80% Plastic recycling rate > 40%
Packaging Material	Cardboard Plastic

## Product Data

Order product name	CR150B LED35S/840 PSU W30L120 IP54
Full product name	CR150B LED35S/840 PSU W30L120 IP54
Full product code	871869607293600
Order code	910503910177
Material Nr. (12NC)	910503910177
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696072936
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696072936

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## Dimensional drawing



## Photometric data



Polar Normal (separate) - 910503910177

