

Cleanroom LED CR250B

CR250B



Cleanroom: uniform, reliable, value-for-money solution

In applications where hygiene is crucially important, such as hospitals and food production facilities, customers want proven IP65 and IP54-rated luminaires that are safe to use and come at an attractive price. This family of Philips Cleanroom CR250B fixtures represent true value for money: the Philips LED engine delivers reliable, high-quality light, and the flexible mounting possibilities mean that this cleanroom LED lighting family can be used in a wide range of applications. These cleanroom luminaires are also compliant with all relevant standards (CE, EMC, RoHS).

Benefits

- Value-for-money investment
- Low maintenance costs due to the long lifetime of the luminaire
- Meets light-level requirements for main applications

Applications

- Food production facilities and kitchens
- Hospitals and Care Centers
- Clean production areas

Features

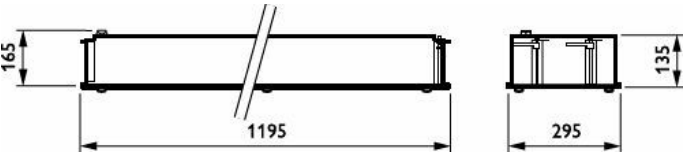
- Uniform surface of light
- IP65 (glass cover) and IP54 (PMMA cover) versions
- Light output 3500 to 5500 lm
- Works with different ceiling types
- Class II

Versions



Cleanroom LED-CR250B
W30L120

Dimensional drawing



CR250B W30L120

Product details



Cleanroom_LED-CR250B_PSU-
DP08



Cleanroom_LED-
CR250B_W30L120_CR250Z_S
MB-DP13

General Information

Lamp family code	GRN55 [LED GreenLine 5500 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Service tag	No

Light Technical

Luminous Flux	5,500 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	87 lm/W
Color rendering index (CRI)	>80
Number of light sources	2
Optic type	-

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Power Consumption	63 W
Suitable for random switching	Yes
Protection class IEC	Safety class II

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing Color	White
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]
Optical cover type	Clear glass with diffuser foil

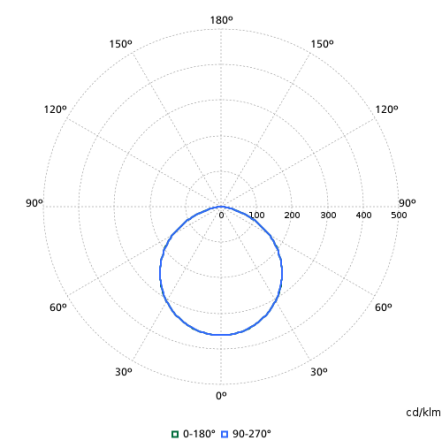
Approval and Application

Glow-wire test	Temperature 850 °C, duration 30 s
Flammability mark	For mounting on easily flammable surfaces
CE mark	Yes
ENEC mark	-
Ambient temperature range	-20 to +40 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-5%
Initial chromaticity	(0.38, 0.38) SDCM <3

Polar normal diagrams



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