



Cleanroom LED CR250B – a uniform, reliable, value-for-money solution

Cleanroom LED CR250B

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 fixtures represents true value for money: the Philips LED engine delivers reliable, high-quality light, and the flexible mounting possibilities mean that this family can be used in a wide range of applications. The fixtures are also compliant with all relevant standards (CE, EMC, RoHS).

Benefits

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

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

Application

- Food production facilities and kitchens
- Hospitals and other healthcare facilities
- Clean production areas

Specifications

Cleanroom LED CR250B

Type	CR150B (IP54 PMMA-cover version)
	CR250B (IP65 glass-cover version)
Ceiling type	Exposed and symmetrical concealed T-bar ceiling and plaster (board) ceiling
Ceiling grid	Module size in length: 600 mm
	Module size in length: 1,200 mm
Light source	Replaceable LED module
Power	3,500 lm, 40 W
	5,500 lm, 63 W
Beam angle	110 °
Luminous flux	3,500, 5,500 lm
Correlated Colour	4,000 K
Temperature	
Colour Rendering Index	≥ 80
Median useful life L70B50	50,000 hours
Median useful life L80B50	30,000 hours
Median useful life L90B50	15,000 hours
Driver failure rate	1% per 5,000 hours
Average ambient temperature	+25 °C

Operating temperature range	CR250B: -20 to +40 °C CR150B: 0 to +40 °C
Driver	Built-in
Power/Data supply	Class II
Mains voltage	220-240 V/50-60 Hz
Dimming	DALI version available
Material	Housing: sheet steel, lacquered
Colour	White RAL9016
Optical cover	Clear glass + Polystyrene diffuser or PMMA diffuser
Connection	Screw terminal block + cable gland
Maintenance	CR250B: maintenance possible CR150B: sealed for life
Installation	CR250B: lay in, concealed and plaster with screw fastener CR150B: lay in, plaster ceiling with additional bracket Surface-mounted with additional brackets No through-wiring possible
Accessories	Surface-mounted brackets (CR250B, CR150B) Plaster ceiling bracket (CR150B) Safety cable (CR250B, CR150B)

Versions



Product details



Cleanroom_LED-CR250B_W60L60-DP01



Cleanroom_LED-CR250B_W60L60-DP02

Cleanroom LED CR250B

Product details

Cleanroom_LED-CR250B_PSU-DP08



Cleanroom_LED-
CR250B_W60L60_CR250Z_SMB-
DP14

