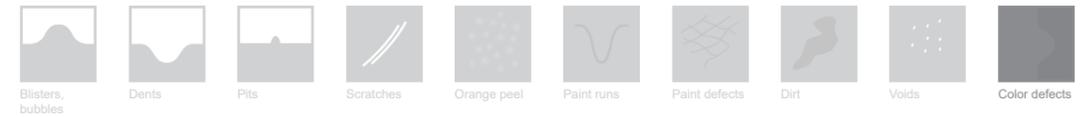


LEDCCO / LEDCCO B3 - LED-ColorControlOptic

STANDARD LIGHT FOR DETECTING COLOR VARIATIONS



LEDCCO / LEDCCO B3



The LEDCCO is used for color matching of painted surfaces. It can be used to simulate virtually all daylight situations, which enable color variations of different components to become visible. The LED color control optic is a color matching lamp of quality grade A according to ISO/ CIE 23603:2024 for illuminant D65. The color temperature is adjustable between 6.500 K and 2.700 K. It is used in color matching booths, especially in the automotive sector. However, it is also used in color matching light laboratories, color matching tabletop booths and individual workstations.



Features

- Assembly LEDCCO
 - 2 x LED lamps (included)
 - 2,700 and 6,500 K
- Assembly LEDCCO B3
 - 3 x LED lamps (included)
 - 2,700 K, 4,000 K (B3) and 6,500 K
- LED controller LEDCCO
 - 2 x electronic, digitally dimmable
- LED controller LEDCCO B3
 - 3 x electronic, digitally dimmable
- Optic
 - 1 x frequency-neutral diffuser
- Housing
 - Steel sheet
 - RAL7035 powder coated
- Front glass panel (lockable door)
 - 4 mm one-panel safety glass according to EN 12150
 - In door frame
 - 3 x quick-lock system
- Bushing
 - Cable gland
 - 4 m connection cable

Technical specifications

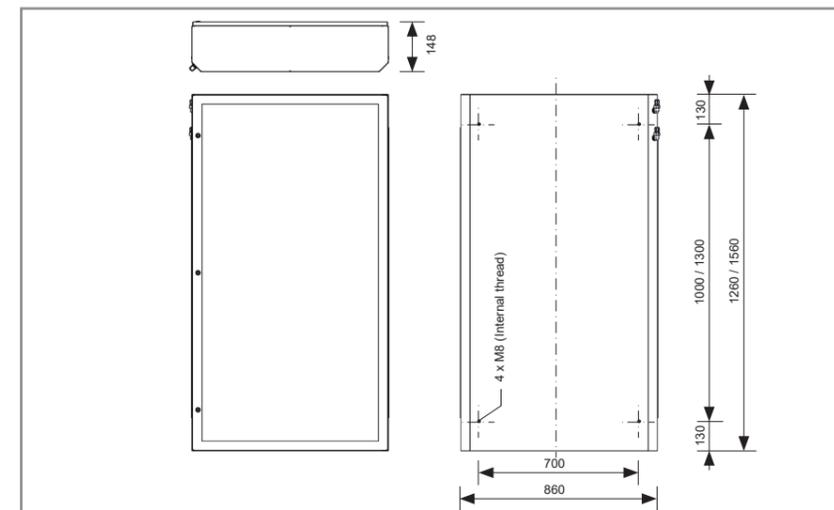
- Permitted ambient temperature +5°C to +35°C
- Rated voltage 220-240 V, 0/50/60 Hz
- Degree of protection IP54
- Protection class I
- UGR limit ≤18

Options

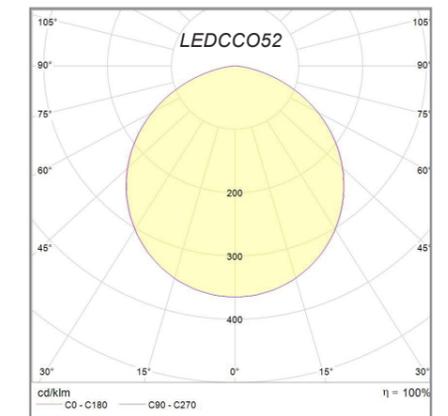
- With mobile stand
- In a tabletop booth

Quality criteria

- ISO/CIE 23603:2024 quality grade B (metamerism index $M_v \leq 0,275$)
- Color rendering index $R_{a14} 99$; $R_{f99} 98,5$ D65 (6.500 K)
- Color rendering index $R_{a14} 85$; $R_{f99} 84,4$ B3 (4.000 K)
- Color rendering index $R_{a14} 95$; $R_{f99} 91,0$ A (2.700 K)
- Photobiological safety (EN 62471): RG 0
- PWIS-free
- CE label
- ENEC certification
- B3 according to CIE015:2018



Exterior and mounting dimensions of the LEDCCO. All data in mm.



Light distribution curve of LEDCCO (LED-ColorControlOptic). This chart shows the light distribution curve of a LEDCCO52.

Order number	Type code	Lamps	Connection system	Reflector	Dimensions in mm (WxHxD)	Weight in kg
C205LD001	LEDCCO52	2 x 80 watt	Cable gland	without	860 x 1560 x 148	approx. 58.5
C205LD002	LEDCCO42	2 x 64 watt	Cable gland	without	860 x 1260 x 148	approx. 48.5
C205LD003	LEDCCO53*	3 x 80 watt	Cable gland	without	860 x 1560 x 148	approx. 60.0
C205LD004	LEDCCO43*	3 x 64 watt	Cable gland	without	860 x 1260 x 148	approx. 50.0

* with illuminant B3

- Subject to changes -

