

Lyra LED HCL

Recessed LED luminaire



Lyra LED is a luminaire for mounting in ceiling module M600, M625 and plaster ceilings. Its body is made of steel sheet finished by powder technology varnishing, colour white RAL 9003, with diffuser with microprismatic optics. The degree of protection is IP20. It fits perfectly in computer labs, large and small offices and lecture halls.

HCL version with biodynamic colour temperature offers the possibility to select the required colour temperature (from 2700K to 6500K). Human Centric Lighting luminaires perfectly fit in offices and classrooms due to its influence on efficiency and learning ability. But the greatest benefits are mainly seen in healthcare, where the natural day rhythm is important for well-being and faster healing.

GENERAL CHARACTERISTICS

Power supply 198–264 VAC, 176–280 VDC

Standard EN 60598-1, EN 60598-2-1, EN 60598-2-22 (fundamental requirements), EN62471 (Photobiological hazard)

Protection grade IP20

Working temp. -20 ÷ +40°C

Mounting universal mounting into ceiling modules M600, M625 and plaster ceilings

Body steel sheet finished by powder technology varnishing, white RAL 9003

Screen microprismatic optics

Driver DALI LED driver for Tunable White

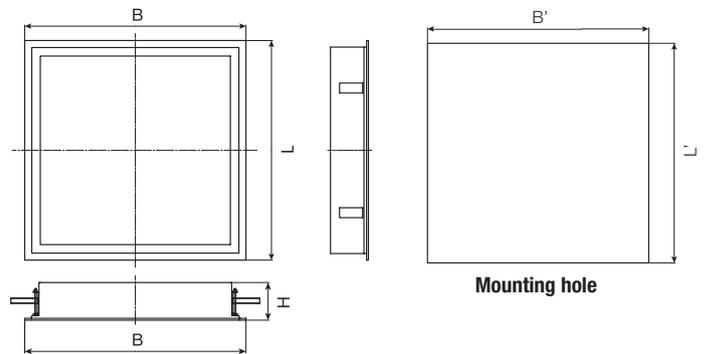
Control gear Lifetime** 100 000 h

Luminous flux maintenance** > 80 000 (L80B20)

Colour deviation 3 SDCM

Colour Temp. 2 700–6 500 K

** At a reference working temperature of 25°C

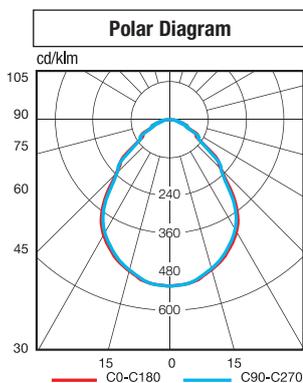


| Version | • Dimensions (mm) • | | | | | Weight max kg |
|---------|---------------------|-----|----|-----|-----|---------------|
| | L | B | H | L' | B' | |
| M600 | 595 | 595 | 60 | 575 | 575 | 5,0 |
| M625 | 620 | 620 | 60 | 600 | 600 | 5,0 |

Accessories

supplied

| Order code | Description |
|------------|----------------------|
| 99-298 | STEEL HOLDERS (4pcs) |



Human Centric Lighting (HCL)

The effects of lighting on the biological rhythm of the human body have a direct impact on comfort, productivity and health in indoor environments. The model that should be followed is that dictated by nature with regard to light intensity, colour and direction, in harmony with our internal biological clock.

Lyra LED Human Centric Lighting (HCL)



| Order code | Description | LED Power W | Colour Temp. K | Colour rendering | Power consumption Max W | N° LEDs | Flux of LEDs lm (Tj=25°C) | Flux of fixture lm | Luminous efficiency lm/W | Energy Class | Packaging |
|-------------|--------------------------|-------------|----------------|------------------|-------------------------|---------|---------------------------|--------------------|--------------------------|--------------|-----------|
| T05-10160HW | Lyra LED 2700–6500K M600 | 43 | 4000 | >80 | 48 | 264 | 7000 | 5000 | 104 | A+ | 1 |
| T05-10165HW | Lyra LED 2700–6500K M625 | 43 | 4000 | >80 | 48 | 264 | 7000 | 5000 | 104 | A+ | 1 |

R_a>90 on request