

# 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

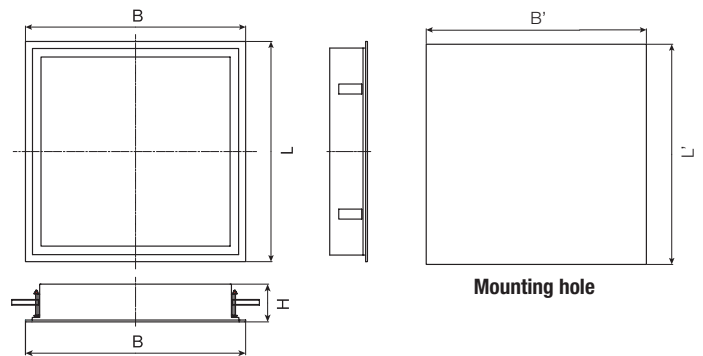
**Driver** DALI LED driver for Tunable White

**Control gear Lifetime\*\*** 100 000 h

**Luminous flux maintenance\*\*** > 80 000 (L80B20)

**Colour deviation** 3 SDCM

**Colour Temp.** 2 700–6 500 K



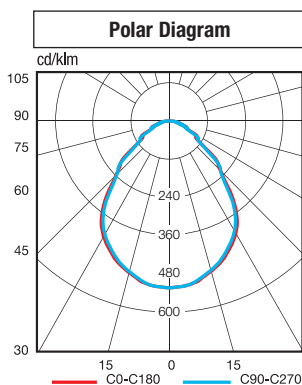
Version	• Dimensions (mm) •					Weight max kg
	L	B	H	L'	B'	
M600	595	595	60	575	575	5,0
M625	620	620	60	600	600	5,0

\*\* At a reference working temperature of 25°C

## 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<sub>a</sub>>90 on request