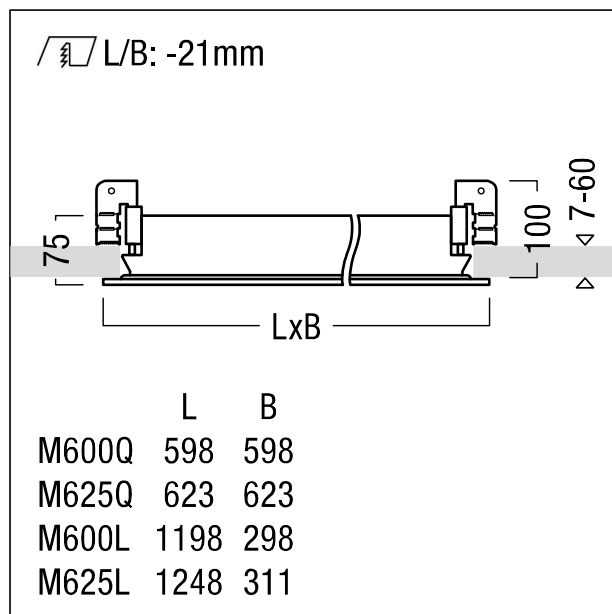


Cleanroom luminaire

Cleanroom luminaire CLEAN II Supreme Luminaire input power: 108.9 W LED Slave luminaire for DALI control (DALI only) with LED converter. LED service life lasts 50000 h before luminous flux is reduced to 90% of the initial value. Chromaticity tolerance (initial MacAdam): 3. Luminaire luminous flux: 7900 lm, Luminaire efficacy: 73 lm/W. Luminaire with RGB light colours (red, green, blue, white), 4000 K, Ra > 90. sheet steel housing in white, powder coated finish (resistant to oil vapours, chemical attack, disinfectants and cleaning agents – always check the cleaning instructions and materials first before use). Certified by the Fraunhofer Institute – Suitable for use in clean rooms of cleanliness class 1 to 9 as per EN EN ISO 14644-1. Complies with GMP (Good Manufacturing Practice) regulations. Cover made of 4mm heat-treated safety glass for avoidance of glass breakage. Replaceable light engine, quick and easy to install with internal fixing clip system. Specially developed MPO+ Microprismatic Optic (wide beam) for high efficiency and assurance of standard-compliant glare control (UGR < 19). Recessed installation using NIV sets for discreet, secure fixing with a range of ceiling types. ambient temperature: -20°C to +30°C; Luminaire wired with halogen-free and silicone-free leads; Impact strength: IK07; protection rating: IP50_IP65, IP50 upper side of the luminaire, IP65 lower side of the luminaire Dimensions: 598 x 598 x 100 mm weight: 11.4 kg.



ZS_CL2_F_supreme_recessed_Q.jpg



ZS_CL2_M_supreme_recessed.wmf

Light Distribution

MAX

- Light Source: LED
- Luminaire luminous flux*: 7900 lm
- Luminaire efficacy*: 73 lm/W
- Ballast 1: 1 x 28000660 LCA 75W 900-1800mA one4all Ip PRE
- Ballast 2: 1 x 28001912 LCA 100W 350-1050mA 4xCH Ip PRE
- Chromaticity tolerance (initial MacAdam): 3
- Rated median useful life*: L90 50000 h at 25 °C
- Luminaire input power*: 108.9 W Power factor = 0.96
- Standby Power*: 0.4 W
- Dimming: LDO dimmable to 1% over DALI
- Maintenance category CIE 97: E - Dust-proof IP5X
- Total harmonic distortion (THD): 11.85 %

This product contains a light source of energy efficiency class D.

All values marked with an * are rated values. Connected electrical load and luminous flux are subject to an initial tolerance of +/- 10%, the most similar colour temperature is subject to an initial tolerance of +/- 150K. Unless stated otherwise, the values apply to an ambient temperature of 25°C.

