Industrial luminaire with high light output and high luminous efficiency designed with the most innovative technologies for environments with temperature up to 55°C. ILLUMINOTECHNICAL CHARACTERISTICS Luminous efficiency 100%. Luminaire luminous flux 32570 lm. Medium distribution with rectangular shape. UGR <20 (EN 12464-1). Luminous efficacy 144 lm/W. Lifetime (L95/B10): 30000 h. (tq+25°C) Lifetime (L90/B10): 50000 h. (tq+25°C) Lifetime (L80/B10): 80000 h. (tq+25°C) Lifetime (L75/B10): 50000 h. (tq+55°C) Sudden decreased luminous flux after 50000 hours: 0% (C0). Photobiological safety RG0 unlimited, risk absent, in compliance with IEC 62471, IEC/TR 62778. In compliance with IEC/EN 62722-2-1 - IEC/EN 62717 standards. Compliance with EU 1194/2012 directive. MECHANICAL CHARACTERISTICS Passive heatsinks modular single-piece aluminum die-casting, oversized for optimal thermal management of the LED module with self-cleaning of cooling fins for chimney effect. Wiring body in aluminum and steel anchored solidly to the sinks and thermally separated. 3F Lens lenses in photoengraved methacrylate with high luminous efficiency for medium distribution, fixed on the LED modules. Luminaire with limited surface temperature. - D - Dimensions: 757x542 mm, height 129 mm. Weight 16.7 kg. IP65 protection degree. Mechanical strength to impacts IK06 (1 joule). Glow-wire test resistance 650°C. ELECTRICAL CHARACTERISTICS DALI electronic wiring 230V-50/60Hz, power factor >0.97 at full load, constant current output, class I, 2 driver. Power of the luminaire 226 W (LED nominal 199 W). ENEC - CE - Assil Quality. Flicker: <4%. 230 VAC/VDC ballast, compliant with EN 60598-2-22. In DC, the default power and flux are 15%, and in AC these remain at 100%. Ambient temperature from -30°C to +55°C. Quick connection. Power unit positioned on a separate compartment by the LED module to ensure optimum temperatures of cabling components, to be inspectable and maintainable. Relative humidity UR: <85%. SOURCE 4 Mid-Power linear LED modules 50W/840. Photometric code 840/339. Color rendering index CRI >80. CCT nominal color temperature 4000 K. Color initial tolerance (MacAdam): SDCM 3. INSTALLATION Ceiling / Suspended / Wall. The correct operation of the lighting fixture always needs the system of regulation and control, perfectly completed and programmed. APPLICATIONS In commercial environments, exhibition and industrial areas, stores, open areas. Applications with high ambient temperature up to 55°C.
Adjustability

Fixed