

## **FORTE INOX SLIM**

LED luminaire for indoor and industrial environments, Class I, entirely designed and manufactured in Italy. Ideal for installations in areas exposed to impacts, chemical agents, and corrosive substances.

- Body: AISI 304 stainless steel, single-piece stamped, corrosion-resistant
- Gasket: Ultra-pure silicone
- Screen: 4mm frosted tempered glass with silkscreen print, high mechanical and chemical resistance
- Heatsink and driver support plate: Aluminum sheet
- Ingress protection: IP65
- Impact resistance: IK10
- Operating temperature: -25°C / +45°C
- Lighting distribution: 120° rotationally symmetric
- LED modules: Mid-power LEDs, CRI ≥80, 4000K color temperature, powered at 450/650mA
- Luminous flux range: From 1720 lm to 12290 lm
- Power options: From 11W to 75W
- Service life (LM80 / TM21): 100,000h L80 B10 @ ta25°C 60,000h L80 B20 @ ta45°C
- Electronic driver: 220–240V 50/60Hz, ripple-free, SP system, Active PFC
- Electrical specs: Output current ripple ≤3% Power factor Cosφ 0.95 Total harmonic distortion THD ≤10% Relative humidity >90%
- Mounting system: Stainless steel clips supplied as standard for wall, ceiling, or suspension installation
- Compliance: EN/IEC 60598-1:2015 EN/IEC 60598-2-2 EN 62471:2008 (RG0 – exempt from photobiological risk) EN 61000-4-5
- Built-in protections: Surge protection (SPD 4kV common / 2kV differential) Automatic shutdown >285V Over-temperature protection with derating and power cut-off Short circuit, overload, and neutral disconnection protection
- Energy efficiency class: E–F (EU Regulation 2019/2015)
- Eco-friendly: Over 80% of components are recyclable
- Certifications: CE, RoHS, REACH
- Standard warranty: 3 years
- Available on request: • Emergency kit 1–3h SA internal • DALI and 1–10V dimmable drivers • Internal 10kV SPD • Through-wiring