

TECHNICAL SPECIFICATION – WALL-MOUNTED LIGHTING FIXTURE – MODEL A-CLICK

1. Product Description

The A-CLICK fixture is a high-efficiency linear LED wall light designed for indoor installation. Suitable for offices, showrooms, commercial and residential spaces. Available in single-emission (downlight) or dual-emission (up & down) versions.

2. Construction Features

Body and Cover

- Body made of 6/10 mm thick steel sheet, polyester powder-coated.
- Cover made of 20/10 mm thick steel sheet, polyester powder-coated.
- High resistance to chemical agents.
- Available versions: linear or curved-angle.

Optics

- Material: UV-resistant PMMA.
- Standard beam: 90° TL.
- Alternative beam options available upon request.
- Integrated optical systems: ELA (Extended Light Area) and CLC (Constant Light Colour).

LED Modules

- Power supply: 300mA, 500mA, 700mA.
- B/C system for shadow and glare reduction.
- Colour temperature: 4000K.
- Colour Rendering Index (CRI): >80, 3-step MacAdam selection.

3. Photometric Performance

- Luminous efficacy: up to 180 lm/W.
- Power consumption: from 14W to 35W (single-emission).
- Luminous flux: from 2530 lm to 5625 lm (single-emission), up to double for dual-emission.

4. Protection Rating

- IP rating: IP40.
- Impact resistance: IK05.

5. Power Supply and Driver

- Nominal voltage: 220–240V, 50/60Hz.
- Ripple-free driver with integrated active PFC.
- SP system: overload and short-circuit protection.

6. Regulatory Compliance

- Compliant with CE, RoHS, and REACH directives.
- Photobiological classification: RG0 (exempt) according to EN 62471:2008.
- Compliant with EN/IEC 60598-1:2015 and EN/IEC 60598-2-2 standards.

7. Environmental Conditions and Warranty

- Operating temperature: -25°C to +35°C.
- LED lifespan:
 - L80 B10 – 72,000h at Ta25°C.
 - L80 B10 – 55,000h at Ta35°C.
- Standard warranty: 3 years.

8. Options and Customization

- Custom versions available upon commercial request.
- Eco-friendly product: over 80% of components are recyclable.