iGuzzini

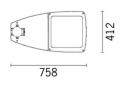
Last information update: November 2024

Product configuration: ED78

ED78: Pole-mounted system - A60 optic - Neutral White - Dali - ø46-60-76mm







Product code

ED78: Pole-mounted system - A60 optic - Neutral White - Dali - ø46-60-76mm

Technical description

Outdoor luminaire with direct light asymmetric optic for increased visual comfort, designed to use LED lamps. The optical assembly and the pole attachment system are made of EN1706AC 46100LF aluminium alloy and subjected to a multi-step, pre-treatment process, in which the main phases are: degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The painting stage consists of a primer and a liquid acrylic paint, cured at 150 °C, with a high level of weather resistance. Option of also adjusting, with a graduated scale, the inclination in relation to the road surface of +15°/-10° (in 5° steps) for a pole-top installation and +5°/20° (in 5° steps) for a lateral installation. 5 mm thick tempered sodium-calcium closure glass. The glass secured to the frame closes the led optical assembly which is secured to the components assembly with a hinge and 2 screws. The high IP rating is guaranteed by the silicone gasket placed between the two elements. Complete with circuit featuring monochrome LEDs and silver aluminium reflectors. LED assembly can be replaced directly on site. Possibility of replacing the LEDs in groups of 12 in the laboratory. DALI electronic control gear. Control gear connected with quick-coupling connectors. Driver with automatic internal temperature control system. Tool-free removable control gear plate unit. The optical assembly is fixed to the wallmounted or pole-top attachment with two clamping screws and two safety grub screws facilitate assembly. The light flow emitted in the upper hemisphere of the system in the horizontal position is null (in conformity with the strictest standards for the prevention of light pollution). All external screws are made of stainless steel.

The floodlight can be installed with pole-top or lateral mounting using a die-cast aluminium pole-top for diameters of 46/60/76 mm. Diameters from 60 to 76 mm without using the standard adaptor, and from 46 to 60 mm with the adaptor. Secured to the pole by two bolts and two safety locking nuts.

Weight (Kg) White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Mounting

wall arm|pole-top

Wiring

The pole-top attachment guarantees the completely safe passage of power cables, avoiding piercing. 6-pole terminal board for ø 7-14mm cables. Overvoltage protection: 10KV Common Mode and 6KV Differential Mode



IK08











assembly:

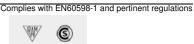
ZVEI Code

Control:

Number of optical



Number of lamps for optical





Technical data		
Im system:	13520	
W system:	101.2	
Im source:	-	

W source: Luminous efficiency (lm/W, 133.6 real value): Im in emergency mode: Total light flux at or above 0 an angle of 90° [Lm]: Light Output Ratio (L.O.R.) 100 [%]: CRI (minimum): 70 Colour temperature [K]: 4000 MacAdam Step:

Life Time LED 1: 100,000h - L90 - B10 (Ta 25°C) 100,000h - L90 - B10 (Ta 40°C) Life Time LED 2: Voltage [Vin]: 230 LED Lamp code:

assemblies: Intervallo temperatura from -40°C to 50°C. ambiente:

See installation instructions Power factor: 10kV Common mode & 6kV Overvoltage protection: Differential mode

LED

DALI-2

Polar

