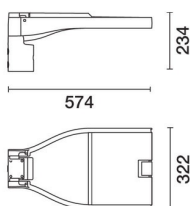


Last information update: February 2024

Product configuration: P576

P576: Pole-mounted system - Small body optical assembly - Neutral White - ST1 street optic - DALI-C/CIRCUIT BREAKER-C/NEMA FITTING-ø60mm



Product code

P576: Pole-mounted system - Small body optical assembly - Neutral White - ST1 street optic - DALI-C/CIRCUIT BREAKER-C/NEMA FITTING-ø60mm **Attention! Code no longer in production**

Technical description

Outdoor luminaire with a direct light, narrow street optic, designed to use LED lamps. The optical assembly and 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 textured acrylic paint, cured at 150 °C, with a high level of weather and UV ray resistance. Option of adjusting the inclination in relation to the road surface by +20°/-5° (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. Screw-free opening using an anodized extruded aluminium clip. Upper door retaining system. The high IP rating is guaranteed by the silicone gasket placed between the two elements. Complete with circuit having Neutral White monochrome LEDs and polymer optic multilayer lenses. LEDs can be substituted in groups of 6. DALI electronic control gear. Control gear connected with quick-coupling connectors. Driver with automatic internal temperature control system. Tool-free removable control gear unit. 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.

Installation

The floodlight can be installed with pole-top or lateral mounting on tapered poles, using a die-cast aluminium pole-top for pole end diameters of ø 42/60mm.

Colour

Grey (15)

Mounting

wall arm|pole arm|wall surface|pole-top side entry|pole-top

Wiring

Version with 4 pin circuit breaker. Product perfect watertightness at the power cable entry point is guaranteed by the PG 16mm cable clamp made of thermoplastic material (for cables ø 7-14 mm). Product supplied with a Nema fitting. Surge protection up to 10KV

Notes

An optional version has a "Middle of the Night" automatic dimming profile and flow regulator.

Complies with EN60598-1 and pertinent regulations



Technical data

Im system:	9260	MacAdam Step:	5
W system:	84.7	Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)
Im source:	-	Ballast losses [W]:	7.7
W source:	-	Voltage [Vin]:	230
Luminous efficiency (lm/W, real value):	109.3	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	100	Number of optical assemblies:	1
CRI (minimum):	70	Intervallo temperatura ambiente:	from -40°C to 50°C.
Colour temperature [K]:	4000	Control:	DALI

L/H	RS (Solid Line) η	KS (Dashed Line) η
0	0.00	0.00
0.5	0.35	0.10
1.0	0.55	0.15
1.5	0.68	0.18
2.0	0.73	0.20
2.5	0.75	0.21
3.0	0.75	0.21
3.5	0.75	0.22
4.0	0.75	0.22