Quid

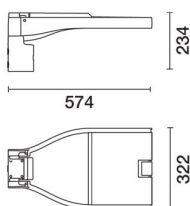**Design Enzo Eusebi**   **iGuzzini**

Last information update: May 2024

Product configuration: P583

P583: Pole-mounted system - Small body optical assembly - Warm White - ST1 street optic - DALI-C/CIRCUIT BREAKER-C/NEMA FITTING-ø76mm

Product code

P583: Pole-mounted system - Small body optical assembly - Warm White - ST1 street optic - DALI-C/CIRCUIT BREAKER-C/NEMA FITTING-ø76mm **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 Warm 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 76/60mm.

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.
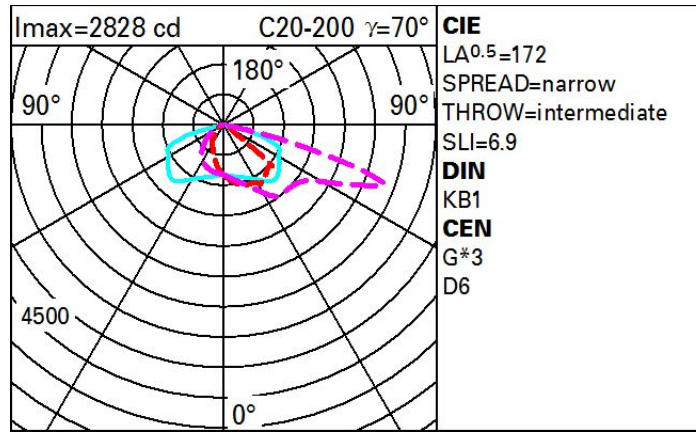
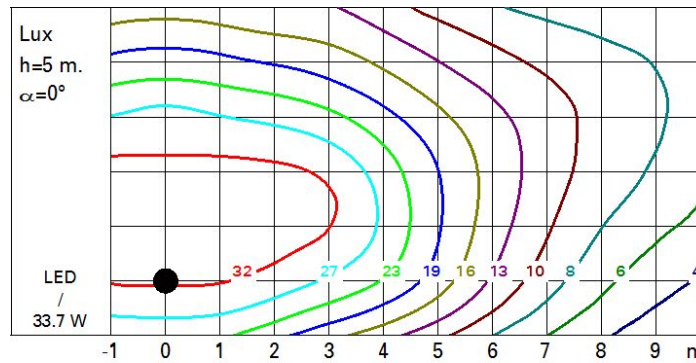Complies with EN60598-1 and pertinent regulations

IK09   IP67   pending

Technical data

lm system:	3250	MacAdam Step:	5
W system:	33.7	Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)
lm source:	-	Voltage [Vin]:	230
W source:	-	Lamp code:	LED
Luminous efficiency (lm/W, real value):	96.4	Number of lamps for optical assembly:	1
lm in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	100	Intervallo temperatura ambiente:	from -40°C to 50°C.
CRI (minimum):	70	Control:	DALI
Colour temperature [K]:	3000		

Polar

Imax=2828 cd	C20-200 γ=70°	**CIE**

LA$^{0.5}$=172
SPREAD=narrow
THROW=intermediate
SLI=6.9
DIN
KB1
CEN
G*3
D6

180°
90° 90°
4500
0°

Isolux

Lux
h=5 m.
α=0°

LED
/
33.7 W

32 27 23 19 16 13 10 8 6 4

-1 0 1 2 3 4 5 6 7 8 9 m

Utilisation factors

RS ——— KS - - - - -

η
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1

L/H 1 2 3 4