

Twilight

Design iGuzzini

iGuzzini

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Twilight

code
BY97

Technical description

Outdoor luminaire with a symmetrical optic, 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 and UV ray resistance. Diffusor made of shockproof, UV-stabilised injection moulded polycarbonate. Complete with circuit fitted with Warm White monochrome LEDs. Optical assembly consisting of an anodized super-pure aluminium upper reflector, a methacrylate lens and a lower reflector made of metallised PC. Replaceable LEDs and driver. Electronic selv driver with automatic internal temperature control system. Overvoltage protection up to 6KV. All external screws are made of stainless steel.

Installation

The spotlight can be installed with a pole-top mounting on poles with \varnothing 60mm and 76mm end part using X102 and X126 accessories. Secured to the pole by two bolts.

Size (mm)
 \varnothing 650x281

Colour
Grey (15)

Weight (kg)
4.56

Mounting
pole-top

Wiring info

The product is supplied wired and with an outlet cable (2x1mm) 500mm long.

Complies with EN60598-1 and pertinent regulations



IK10 IP66



Product configuration: BY97+LED
LED: LED WARM

Product characteristics

Total lighting output [Lm]: 3460
Total power [W]: 31.2
Luminous efficacy (lm/W, real value): 110.9
Life Time: 52,000h - L90 - B10 (Ta 25°C)
Number of optical assemblies: 1

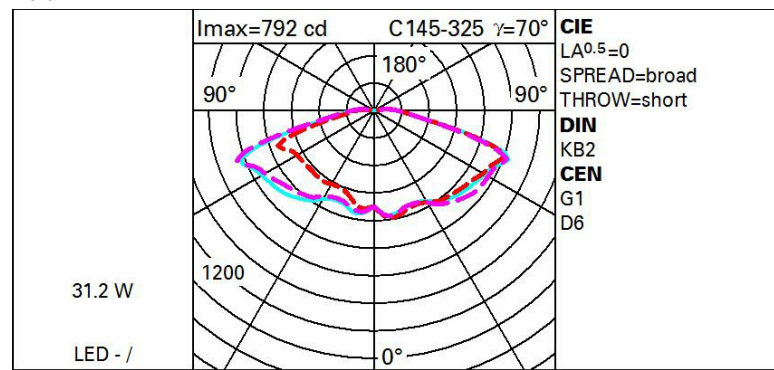
Total luminous flux at or above an angle of 90° [Lm]: 95.5
Emergency luminous flux [Lm]: /
Voltage [V]: -
Life Time: 100,000h - L80 - B10 (Ta 25°C)

Optical assembly Characteristics 1

Light Output Ratio (L.O.R.) [%]: 100
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 27
Nominal luminous [Lm]: /
Lamp maximum intensity [cd]: /
Beam angle [°]: /

Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 4.2
Colour temperature [K]: 3000
CRI: 70
Wavelength [nm]: /
MacAdam Step: <5

Polar



Isolux

