iGuzzini

Last information update: February 2025

#### **Product configuration: ALS1**

ALS1: Bollard H=650 mm, HU Longitudinal Asymmetric Optic, Warm LED, DALI 220-240V ac



## Product code

ALS1: Bollard H=650 mm, HU Longitudinal Asymmetric Optic, Warm LED, DALI 220-240V ac

#### Technical description

Direct light luminaire, designed to use monochrome LED lamps. It consists of a body, an optical assembly and a fixing base. Optical assembly and die-cast aluminium glass-holder frame. 5mm thick tempered sodium-calcium closing glass with black serigraphy. Body and optical assembly 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 following 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. The body encapsulates two stainless steel rods fixed to the base that make the device highly knock and vandal-resistant. Longitudinal Asymmetric Optic (AL) with high performance Opti-smart reflectors in superpure aluminium coated with silver deposits offering uniform light distribution. Both the LED unit and the ballast may be substituted. Optical assembly complete with electronic control gear and output power cable. Includes a gel-based IP68 connection box for pass-through wiring. High level visual comfort for pavements and walkways. All the screws used are made of A2 stainless steel.



650

# Installation

Can be ground/floor installed using screw anchors (on pavements) or via a fixing base and plate with Dakromet coated anchors for added protection against corrosion (to be ordered separately).

Colou

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

Weight (Kg)

6.2

### Mounting

ground surface|ground anchored

### Wiring

Product complete with DALI 220÷240V ac electronic control gear.

#### Notes

Overvoltage protection: 4kV in Common Mode (CM), 2kV in Differential Mode (DM). • The SPD accessory (JAL6) increases overvoltage protection to 6kV/10kV (CM/DM).















Control:









Complies with EN60598-1 and pertinent regulations

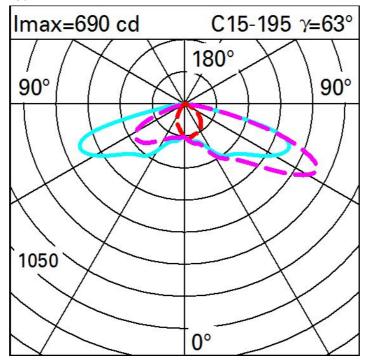
Technical data

Im system:	855
W system:	8.7
Im source:	1140
W source:	6.5
Luminous efficiency (lm/W, real value):	98.3
Im in emergency mode:	-
Total light flux at or above an angle of 90° [Lm]:	0
Light Output Ratio (L.O.R.) [%]:	75
CRI (minimum):	80
CRI (typical):	82
Colour temperature [K]:	3000
MacAdam Step:	3
Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)

Life Time LED 2: 100,000h - L90 - B10 (Ta 40°C) Voltage [Vin]: 230 LED Lamp code: Number of lamps for optical 1 assembly: ZVEI Code: LED Number of optical assemblies Intervallo temperatura from -30°C to 50°C. ambiente: Power factor: See installation instructions Inrush current: 5 A / 50 us Maximum number of luminaires of this type per B10A: 31 luminaires miniature circuit breaker: B16A: 50 luminaires C10A: 52 luminaires C16A: 85 luminaires 4kV Common mode & 2kV Overvoltage protection: Differential mode

DALI-2





## Isolux

