

**Pencil round**

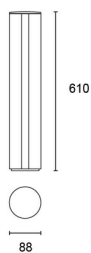
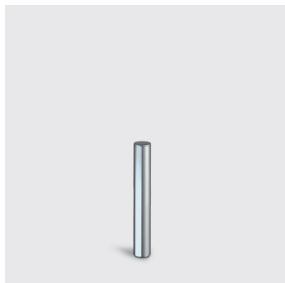
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**iGuzzini**

Last information update: October 2023

**Product configuration: BN35**

BN35: Circular bollard H=620mm, Warm White Leds, integrated electronic control gear, single emission, diffusing optic.

**Product code**

BN35: Circular bollard H=620mm, Warm White Leds, integrated electronic control gear, single emission, diffusing optic. **Attention!**  
**Code no longer in production**

## Technical description

Outdoor, direct light, pavement-mounted luminaire, designed to use Warm White LED lamps with a single emission, diffusing optic. The product consists of a body, an upper cover, a fixing base, a white screen and a watertight reglette containing the control gear and a led circuit. The cylindrical body is made of extruded aluminium with an upper cover and includes a die-cast aluminium lower base. The painting process includes 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 inside of the body houses two stainless steel rods fixed to the base that give the product a high level of impact resistance. The product is anchored to the ground by the fixing base made of corrosion-resistant low copper content die-cast aluminium alloy. The diffuser screen is made of opal white anti-UV polycarbonate. The body contains a watertight, satin-finish methacrylate, reglette luminaire, with plastic caps and captive stainless steel screws, a PG9 cable gland and a single output cable. The Warm White Led circuit and the electronic control gear are positioned inside the reglette luminaire. The upper cover is fixed to the body with stainless steel bolts. All accessible parts have a top temperature of 50°C. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN 60598-1 standards and all special requirements.

## Installation

The device can be applied directly to the pavement using the lower fixing base and screw anchors (Fisher type or similar) or using a fixing plate with Dakromet coated brackets, to further protect against corrosion (to be ordered separately). When installing the device a drainage pipe and a gravel base for drainage should be installed under the pavement and/or concrete to guarantee the required level of protection: for more information see the instruction sheet.

Colour	Weight (Kg)
Grey (15)	3.1

## Mounting

ground surface|ground anchored

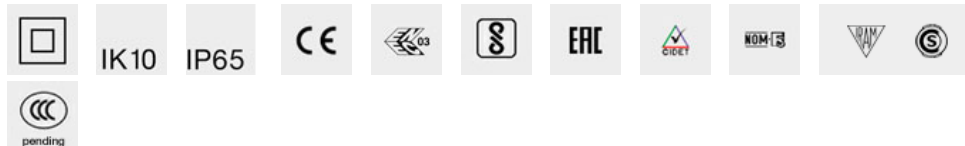
## Wiring

The 20-240V ac control gear is housed inside the watertight reglette luminaire. Complete with rubber output cable H05RN-F 2x1mm<sup>2</sup>. To make the electrical connections a separate junction well must be dug.

## Notes

Product complete with LED lamp.

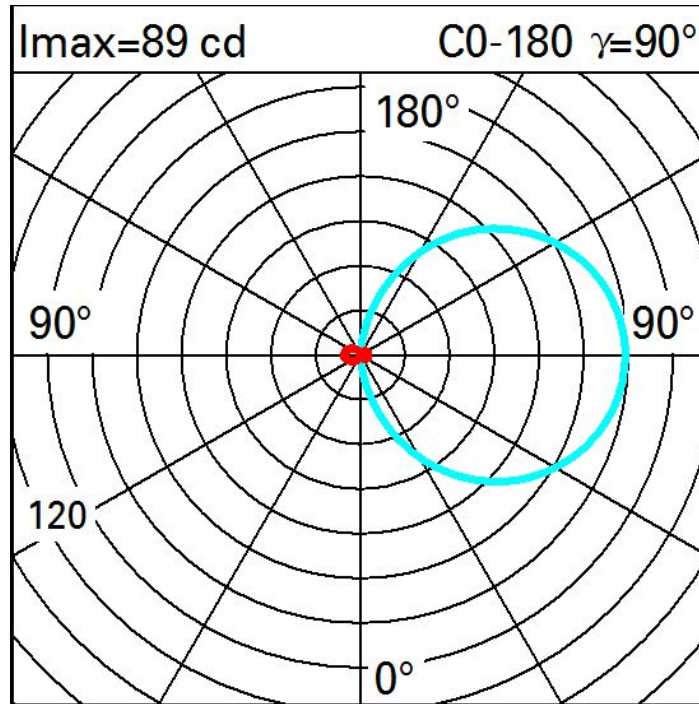
Complies with EN60598-1 and pertinent regulations



## Technical data

Im system:	260	Colour temperature [K]:	3000
W system:	9.9	MacAdam Step:	3
Im source:	1300	Life Time LED 1:	50,000h - L80 - B10 (Ta 25°C)
W source:	8.2	Ballast losses [W]:	1.7
Luminous efficiency (Im/W, real value):	26.3	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]:	130	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	20	Number of optical assemblies:	1
CRI (minimum):	80	Intervallo temperatura ambiente:	from -20°C to +35°C.

Polar



Isolux

