

Agorà

Design Jean-Michel Wilmotte

iGuzzini

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Product configuration: UI31+LED 2200K CRI>80 - Ta50°C

UI31: Spotlight with bracket (to be ordered separately) - Warm White LED - Remote Ballast - Super Spot optic - Class I

**Product code**

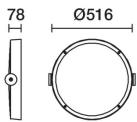
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Technical description

Spotlight designed to use LED lamps and a Super Spot optic. Consists of a die-cast aluminium optical assembly, steel brackets (both a bracket for the spotlight and a bracket for handle/pole application) and a clear, tempered sodium-calcium safety glass cover. It is fitted with an A2 stainless steel cable gland and a 2x1mm2 section 05RNF-F cable. The optical assembly can be adjusted on a horizontal plane at an angle between -50° / +90°. Agorà is fitted with a graduated scale and mechanical locking device for positioning. The Opti Beam Lens optical system comes complete with a Warm White monochrome LED circuit. The electronic DALI ballast is remote and can be ordered separately to allow the spotlights to be connected in series. The spotlight is fitted with a protection system that in the event of a fault allows all the other products in the same circuit to operate normally. Class I, IP67 rated power supply units must be used (all the necessary information is included in the instruction sheet). Both indoor (diffuser glass covers, lamellar louvers and refractors for elliptical light) and outdoor accessories (cylindrical screens, visors and protective grilles) can be used. All external screws used are made of A2 stainless steel.

Installation

Floor-installed or wall-mounted with a bracket or handle (special bracket).



Colour

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

Weight (Kg)

13.8

Wiring

A2 stainless steel cable gland.

Notes

IMPORTANT: see the instruction sheet for the minimum and maximum number of products per power supply.

Complies with EN60598-1 and pertinent regulations



Technical data

Im system:	9113	Colour temperature [K]:	2200
W system:	153.3	MacAdam Step:	3
Im source:	12150	Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)
W source:	143	Life Time LED 2:	100,000h - L90 - B10 (Ta 40°C)
Luminous efficiency (lm/W, real value):	59.4	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.) [%]:	75	Number of optical assemblies:	1
Beam angle [°]:	4.3°	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	Control:	DALI-2

$I_{\max} = 730990 \text{ cd}$

90° 180° 90°

750000

0°

$\alpha = 4^\circ$

Figure 1 is a graph showing the relationship between distance from the wall (m) and illuminance (Lux) for a wall distance of 1m. The x-axis represents distance from the wall in meters (m), ranging from -3 to 3. The y-axis represents illuminance in Lux, ranging from 0 to 3. The graph shows a central peak of 76 Lux at 0m, with values decreasing as distance increases. The data points are:

Distance from wall (m)	0.1	0.2	0.5	1	2	4	9	16	25	36	49	64	81	100
-3	0.1	0.2	0.6	2	4	9	16	25	36	49	64	81	100	121
-2	0.1	0.2	0.6	2	4	9	16	25	36	49	64	81	100	121
-1	0.1	0.2	0.6	2	4	9	16	25	36	49	64	81	100	121
0	0.1	0.2	0.6	2	4	9	16	25	36	49	64	81	100	121
1	0.1	0.2	0.6	2	4	9	16	25	36	49	64	81	100	121
2	0.1	0.2	0.6	2	4	9	16	25	36	49	64	81	100	121
3	0.1	0.2	0.6	2	4	9	16	25	36	49	64	81	100	121