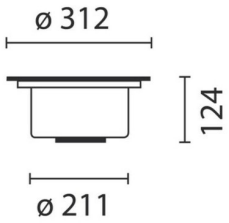
Light Up

Design iGuzzini **iGuzzini**

Last information update: May 2024

Product configuration: BB38+B992.04
BB38: neutral white adjustable spot optic ±15
B992.04: Plastic casing - Black



Product code
BB38: neutral white adjustable spot optic ±15 **Attention! Code no longer in production**

Technical description
Ground recessed luminaire for uplight with LED light sources. Monochromatic with Neutral White LED circuit, ± 15° double adjustable optic, plastic lenses for SPOT version and electronic control gear. Made of circular body, outer casing and frame. The body is made of cast aluminium with AISI 304 stainless steel frame. The optical assembly is closed on top by a tempered glass (thickness 15 mm) complete with silicone gasket compressed by the AISI 304 stainless steel frame. The lower section houses a decompression box with cascade connection, 6-pole terminal block and M24x1,5 stainless steel double cable clamp, suitable for cables with 7÷16 mm diameter. The wiring section is connected to the optical assembly by a nickel-plated brass cable clamp M15x1. This makes it easier to open the upper glass by eliminating negative pressure inside the optical assembly and the pump effect on the supply cable. The acrylic painting of the body-optical assembly ensures protection against UV rays and weather agents. Positioning and anchoring of optical assembly to outer casing is ensured by 2 M6x25 UNI 5931 stainless steel screws. The outer casing is made of black reinforced polypropylene plastic material (to be ordered separately). The assembly formed of frame, optical assembly and outer casing guarantees 3500 Kg resistance against static load. All external screws are made of stainless steel A2.

Installation
Recessed in pavement and floor with outer casing. The top rim of the outer casing must not jut out from the floor surface (1 mm MAX). Outer casing upper diameter=290mm; lower diameter=215mm; h=190mm.

Colour
Steel (13)

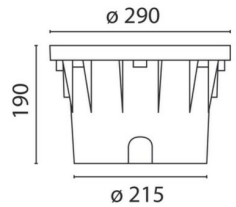
Mounting
ground recessed

Wiring
Luminaire provided with built-in electronic control gear.

Notes
Complete with lamp. Outer case code B992 to be ordered separately. Accessories available: refractor for elliptical distribution of luminous flow, diffusing glass, chromatic filters, closing plug for outer casing and suction cup.

Complies with EN60598-1 and pertinent regulations

850°C IK10 IP67 CE pending



Accessory code
B992.04: Plastic casing - Black **Attention! Code no longer in production**

Technical description
Plastic outer casting complete with double EPDM black cable-clamp.

Installation
Recessed into the ground or into the paving with a concrete slab and a drainage channel.

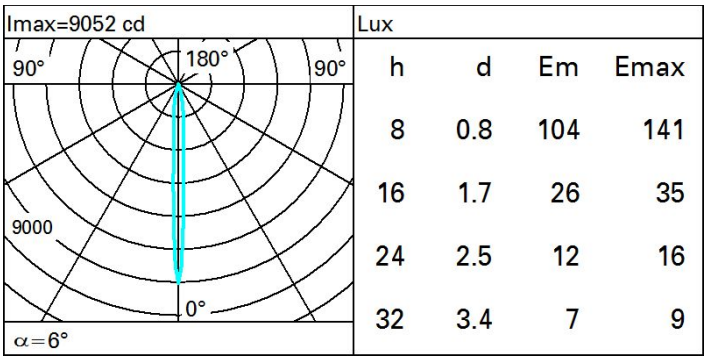
Colour
Black (04)

Complies with EN60598-1 and pertinent regulations

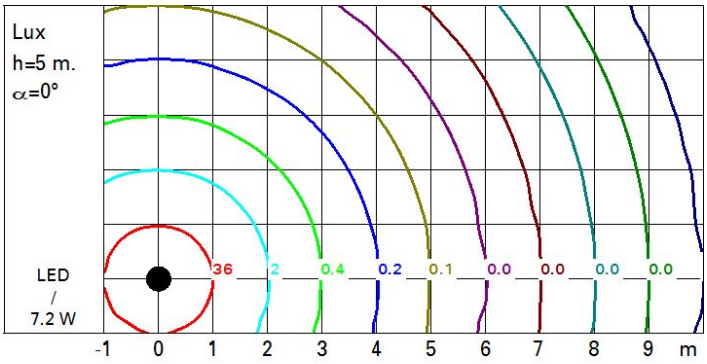
Technical data

lm system:	769	CRI (minimum):	80
W system:	14.3	Colour temperature [K]:	4000
lm source:	610	MacAdam Step:	3
W source:	6.2	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	53.8	Lamp code:	LED
lm 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.) [%]:	63	Number of optical assemblies:	2
Beam angle [°]:	6°	Intervallo temperatura ambiente:	from -20°C to +35°C.

Polar



Isolux



UGR diagram

Corrected UGR values (at 610 lm bare lamp luminous flux)

Riflect.:											
ceil/cav		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
work pl.		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room dim				viewed					viewed		
x	y			crosswise					endwise		
2H	2H	-5.5	-3.4	-5.1	-3.1	-2.8	-5.5	-3.4	-5.1	-3.1	-2.8
	3H	-5.4	-4.1	-5.0	-3.7	-3.4	-5.5	-4.1	-5.1	-3.8	-3.5
	4H	-5.4	-4.4	-5.0	-4.1	-3.7	-5.5	-4.4	-5.1	-4.1	-3.8
	6H	-5.4	-4.7	-5.0	-4.4	-4.1	-5.5	-4.8	-5.1	-4.5	-4.1
	8H	-5.5	-4.7	-5.1	-4.4	-4.0	-5.5	-4.8	-5.2	-4.4	-4.1
	12H	-5.6	-4.7	-5.2	-4.4	-4.0	-5.6	-4.8	-5.2	-4.4	-4.1
4H	2H	-5.5	-4.4	-5.1	-4.1	-3.8	-5.4	-4.4	-5.0	-4.1	-3.7
	3H	-5.4	-4.5	-5.0	-4.2	-3.8	-5.4	-4.5	-5.0	-4.2	-3.8
	4H	-5.5	-4.5	-5.1	-4.1	-3.7	-5.5	-4.5	-5.1	-4.1	-3.7
	6H	-5.9	-4.1	-5.4	-3.7	-3.2	-5.9	-4.1	-5.4	-3.7	-3.2
	8H	-6.0	-4.1	-5.5	-3.6	-3.1	-6.0	-4.1	-5.5	-3.6	-3.1
	12H	-6.1	-4.1	-5.6	-3.7	-3.1	-6.1	-4.1	-5.6	-3.7	-3.1
8H	4H	-6.0	-4.1	-5.5	-3.6	-3.1	-6.0	-4.1	-5.5	-3.6	-3.1
	6H	-6.0	-4.4	-5.5	-3.9	-3.4	-6.0	-4.4	-5.5	-3.9	-3.3
	8H	-6.0	-4.6	-5.5	-4.2	-3.6	-6.0	-4.6	-5.5	-4.2	-3.6
	12H	-5.9	-5.0	-5.3	-4.5	-3.9	-5.9	-5.0	-5.3	-4.5	-3.9
12H	4H	-6.1	-4.1	-5.6	-3.7	-3.1	-6.1	-4.1	-5.6	-3.7	-3.1
	6H	-6.0	-4.7	-5.5	-4.2	-3.6	-6.0	-4.6	-5.5	-4.2	-3.6
	8H	-5.9	-5.0	-5.3	-4.5	-3.9	-5.9	-5.0	-5.3	-4.5	-3.9

Variations with the observer position at spacing:

S =	1.0H	2.3 / -3.3	2.3 / -3.3
	1.5H	4.6 / -5.0	4.6 / -5.0
	2.0H	6.5 / -6.1	6.5 / -6.1