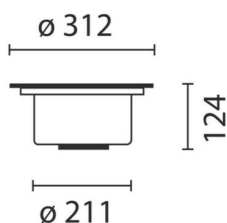


Last information update: October 2023

**Product configuration: BV73+B992.04**

BV73: Ground/pavement-recessed - 121 LEDs - electronic 48÷52Vdc - DMX512-RDM - ±15 adjustable flood optic

B992.04: Plastic casing - Black

**Product code**BV73: Ground/pavement-recessed - 121 LEDs - electronic 48÷52Vdc - DMX512-RDM - ±15 adjustable flood optic **Attention! Code no longer in production****Technical description**

Ground/Pavement-recessed luminaire, designed to use LED lamps. RGB version with 12 multicolour LED circuit, ± 15° adjustable double optic, FLOOD version plastic lenses, and DMX512-RDM electronic control card with search and self-addressing function (48÷52V dc). Consists of a round body, outer casing and frame. The body is made of cast aluminium, the frame of AISI 304 stainless steel. The optical assembly is closed at the top by 15mm thick tempered glass with a silicone seal, compressed by the AISI 304 stainless steel frame. The lower part contains a decompression box for the wiring, a 7 pole terminal block and a double M24x1.5 stainless steel cable gland, suitable for cables with a 7-16mm diameter. Each cable is set up for both the DMX signal and a 48-52V dc power feed. The wiring assembly is connected to the lamp assembly with an M15x1 nickel-plated brass cable clamp. This device makes it easy to open the upper glass, eliminating the vacuum effect in the optical assembly and the pump effect on the power cable. The optical assembly and body and the outer casing are 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. The optical assembly is positioned and anchored to the outercasing by 2 x M6x25 UNI5931 stainless screws. The outer casing for installation is made of black reinforced polypropylene plastic (to be ordered separately). The frame, glass, optical assembly and outer casing together guarantee a maximum static load of 3,500 kg. All external screws used are made of A2 stainless steel.

**Installation**

Ground and pavement-recessed using outer casing. The upper edge of the outer casing must not project above ground level (max. 1 mm allowed). Outer casing upper diameter =290mm lower diameter=215mm h=190mm.

**Colour**

Steel (13)

**Weight (Kg)**

6.4

**Mounting**

ground recessed

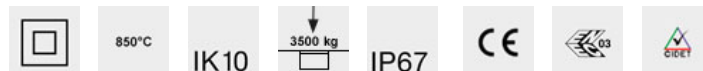
**Wiring**

DMX-RDM electronic driver from 48÷52Vdc. DIN 48V dc bar electronic ballasts to be ordered separately: 120W (BZ14), 240W (BZ15) and 480W (BZ16). For the connection between the DMX signal cable and the power supply cable a Y IP68 connector is available code no. BZN7.

**Notes**

Complete with lamp. Outer casing code no. B992 to be ordered separately. DMX specifications require the insertion of a 120 Ohm resistor to be placed between the DATA+ and DATA- terminals of the last product in the line (BZQ7). If there is no DMX signal the product runs the dynamic colour sequence by default. DALI versions and DMX512 versions with self-addressing are available on request.

Complies with EN60598-1 and pertinent regulations

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

Plastic outer casing complete with double EPDM black cable-clamp.

**Installation**

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

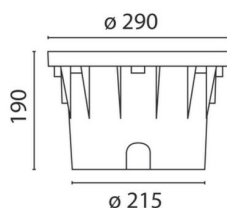
**Colour**

Black (04)

**Weight (Kg)**

0.65

Complies with EN60598-1 and pertinent regulations



Im system:	195	Life Time LED 1:	50,000h - L80 - B20 (Ta 25°C)
W system:	14	Ballast losses [W]:	1.1
Im source:	250	Voltage [Vin]:	48
W source:	5.9	Lamp code:	LED
Luminous efficiency (Im/W, real value):	13.9	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	195	Number of optical assemblies:	2
Light Output Ratio (L.O.R.) [%]:	39	Intervalllo temperatura ambiente:	from -20°C to +35°C.
Beam angle [°]:	26°	Control:	DMX-RDM
Colour temperature [K]:	RGB		

Lux	
h	d
1	0.5
2	0.9
3	1.4
4	1.8