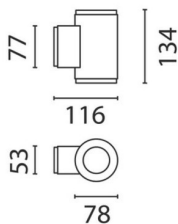


Last information update: February 2024

**Product configuration: BA91**

BA91: Up/down light wall-mounting LED neutral white - spot/spot optic

**Product code**BA91: Up/down light wall-mounting LED neutral white - spot/spot optic **Attention! Code no longer in production****Technical description**

Lighting system with up-down emission designed to use monochromatic Neutral White (4200K) LEDs with fixed spot optic. Optical assembly, ceiling base, arm and frame made of diecast aluminium alloy, with acrylic liquid paint treatment with high resistance to atmospheric agents and UV rays; double tempered transparent sodium calcium closing glass, 4 mm thick, siliconed to frame. Provided with fast-coupling closing system between frame, optical assembly and wall arm, without the use of tools. Internal silicone watertight gaskets. Complete with 3+3 Neutral White (4200K) monochromatic power LEDs, Spot (S) optics with plastic lens, black polycarbonate multi-groove ring for visual comfort and built-in electronic ballast. Single cable entrance via black polyamide PG11 cable clamp, suitable for  $\varnothing 6.5 \div 11$  mm cables. Connection with three fast-coupling terminals. Possibility to use unipolar cables with  $2.4 \div 3.4$  mm diameter. Various accessories available: refractor for elliptical distribution, diffusing prismatic glass and chromatic filters. All external screws are made of stainless steel A2.

**Installation**

Wall installation up/down luminous emission.

**Colour**

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

**Weight (Kg)**

0.91

**Mounting**

wall arm/wall surface

**Wiring**

Control gear with 220÷240Vac 50/60Hz electronic ballast.

**Notes**

Version in insulation class II with outgoing cable on demand. Spare parts for LED circuit and electronic control gear available for extraordinary maintenance.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	677	MacAdam Step:	3
W system:	8.6	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
Im source:	940	Ballast losses [W]:	2.3
W source:	6.3	Lamp code:	LED
Luminous efficiency (Im/W, real value):	78.7	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]:	338	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	72	Intervallum temperatura ambiente:	from -30°C to 35°C.
CRI (minimum):	80	Power factor:	See installation instructions
Colour temperature [K]:	4000	Overvoltage protection:	2kV Common mode & 1kV Differential mode

**Polar**