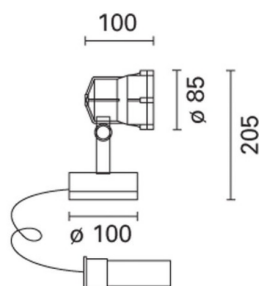


Last information update: May 2024

Product configuration: BF93+L223

BF93: Floodlight - 35W HIT - separate Box - Flood optic

**Product code**BF93: Floodlight - 35W HIT - separate Box - Flood optic **Attention! Code no longer in production****Technical description**

Floodlight for use with metal halide lamps, flood optic. Consists of an optical assembly, base and external component holding box. The optical assembly, arm, base and frame are made of aluminium alloy EN1706AC 46100LF, with dual phosphochromating of the base metal and passivation at 120 °C. Coated with liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The 4 mm thick tempered sodium-calcium closing glass is colourless, transparent and secured with captive screws. The 50/60 Shore A silicone seal has been subject to post-cooling treatment, in an oven, for 4-6 hours at 200 °C. The optical assembly allows vertical and horizontal adjustments, with the possibility of locking the adjustment for aiming, and it has slots in the frame for rainwater drainage. It is connected to the component holding box by a cable reinforced with silicone with steel protective braid. The optic has an annealed 99.96% super-pure aluminium plate reflector, rough milled – polished and electrochemically anodised, 2/4 microns. The cable gland for connecting the wiring assembly to the lamp assembly is made of nickel-plated brass M14x1. PGJ5 lamp holder complete with cables. Galvanised steel lamp holder support. The base houses a PG11 cable gland with L=1500mm black power cable, connected to an external component holding box with IP67 rating made of high performance black PPS thermoplastic material. The components box also houses the electronic ballast and is set up for pass-through wiring with a double M24x1.5 stainless steel cable gland, suitable for cables with 7-16mm diameter. All external screws used are made of A2 stainless steel.

Installation

Product installed using screw anchors for concrete, cement and solid brick, or using various accessories available. Control gear box installed using accessory fixing plate

Colour

Black (04) | Grey (15)

Mounting

wall surface|ceiling surface

Wiring

Luminaire equipped with IP67 external BOX incorporating electronic ballast 220-240Vac 50/60Hz.

Notes

For application in public areas, in the arms reach zone of accessibility to touch, versions are available upon request with the cable reinforced with stainless steel braid, code BG16

Complies with EN60598-1 and pertinent regulations

**Technical data**

lm system:	1594,8	CRI:	90
W system:	39	Colour temperature [K]:	3000
lm source:	3000	Voltage [Vin]:	230
W source:	35	Lamp code:	L223
Luminous efficiency (lm/W, real value):	40,9	Socket:	PGJ5
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:	HIT-CE
Light Output Ratio (L.O.R.) [%]:	53	Number of optical assemblies:	1
Beam angle [°]:	54°	Intervallo temperatura ambiente:	from -20°C to +35°C.

Polar