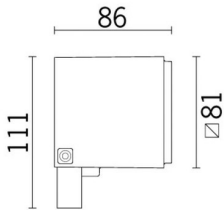


Last information update: October 2024

**Product configuration: BK23**

BK23: Outdoor floodlight - Warm white LED - with electronic ballast Vin=100-240V ac - Longitudinal Elliptical optic

**Product code**

BK23: Outdoor floodlight - Warm white LED - with electronic ballast Vin=100-240V ac - Longitudinal Elliptical optic

**Technical description**

Direct light outdoor floodlight, designed to use warm white LED lamps, with longitudinal elliptical optic. Ground, wall or ceiling installation using special adjustable bracket. The luminaire consists of an optical assembly, rear cap and adjustable bracket. The optical assembly and rear cap are made of die-cast aluminium alloy coated with liquid acrylic paint (grey finish) or textured liquid (white finish) with a high level of resistance to weather and UV rays. Transparent tempered sodium - calcium safety glass with customised grey serigraphy, 4 mm thick, joined to the optical assembly with silicone. Adjustable fixing bracket made of painted aluminium; with a double nickel-plated brass PG11 cable gland, suitable for power cables  $\varnothing$  6.5-11 mm. For electrical connection the product has a plastic box with three 2-pin quick-coupling terminals for cables with max. cross-section 4 mm<sup>2</sup>. Electronic circuit with neutral white LED, optics with lens made of thermoplastic material (methacrylate) and a PMMA internal refractor screen for elliptical distribution of the light flow. Equipped with electronic ballast Vin=100-240V ac 50/60Hz. All external screws used are made of A2 stainless steel. The luminaire technical characteristics conform to EN60598-1 standards and particular requirements.

**Installation**

Ground, wall or ceiling installation using special bracket. Secure using screw anchors for concrete, cement and solid brick.

**Colour**

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

**Weight (Kg)**

0.92

**Mounting**

wall surface|ceiling surface|free standing

**Wiring**Equipped with electronic ballast Vin=100-240V ac 50/60Hz. Polyamide PG11 double cable gland for pass-through wiring, suitable for power cables  $\varnothing$  6.5-11 mm.**Notes**

Product complete with LED lamp.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	551	MacAdam Step:	3
W system:	7.7	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
Im source:	810	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W source:	6.2	Lamp code:	LED
Luminous efficiency (Im/W, real value):	71.5	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]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	68	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	Power factor:	See installation instructions
Colour temperature [K]:	3000	Overvoltage protection:	2kV Common mode & 1kV Differential mode

**Polar**

Imax=1934 cd		C0-180		Lux			
90°	180°	90°	h	d1	d2	Em	Emax
			4	3.6	1.1	95	121
			8	7.3	2.2	24	30
			12	10.9	3.4	11	13
			16	14.6	4.5	6	8
$\alpha = 49^\circ / 16^\circ$							