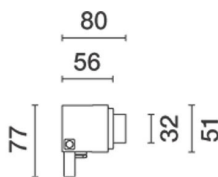
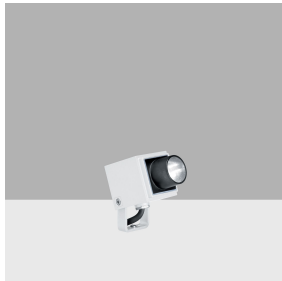


Last information update: May 2025

**Product configuration: BJ93.01+X323.00+500mA**

BJ93.01: Outdoor floodlight - Warm White LED - max 1050mA - Superspot optic with Cylinder - 3.2W 218.3lm (1050mA) - 3000K - White

X323.00: Spike for ground / garden application with driver - Indeterminate

**Product code**

BJ93.01: Outdoor floodlight - Warm White LED - max 1050mA - Superspot optic with Cylinder - 3.2W 218.3lm (1050mA) - 3000K - White

**Technical description**

Direct light outdoor floodlight, designed to use warm white LED lamps, with superspot optic and external cylinder for cleaning up the beam of light. Ground, wall or ceiling installation using special adjustable bracket. The luminaire consists of an optical assembly, rear cap, front cylinder 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. Methacrylate front cylinder, painted black and joined to the optical assembly with silicone. The adjustable fixing bracket is made of painted aluminium. It has a single nickel-plated brass M14x1 cable gland and black rubber outlet cable complete with anti-transpiration device L=300mm, electronic circuit with warm white LED and optics having lenses made of thermoplastic material (methacrylate). The electronic ballast must be ordered separately (max. 1050mA). 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)**Weight (Kg)**  
0.26**Mounting**  
free standing**Wiring**

Electronic ballast to be ordered separately.

**Notes**

Product complete with LED lamp.

Complies with EN60598-1 and pertinent regulations



960°C

IK05

IP66

**Accessory code**

X323.00: Spike for ground / garden application with driver - Indeterminate

**Technical description**

Thermoplastic spike for ground/garden installation, complete with power supply 500mA.

**Colour**  
Black (04)**Weight (Kg)**  
0.28**Notes**

Palco InOut Ø30mm item codes Q682 - Q683 - Q684 - Q685 - Q686 - Q687: with a stake, the flow is reduced by 35%.

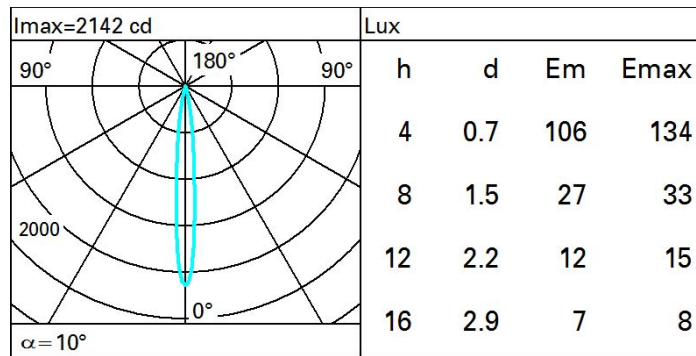
Palco InOut Ø49mm item codes Q688 - Q689 - Q690 - Q691 - Q692 - Q693 - Q694 - Q695 - Q695: with a stake, the flow is reduced by 7%.

Complies with EN60598-1 and pertinent regulations

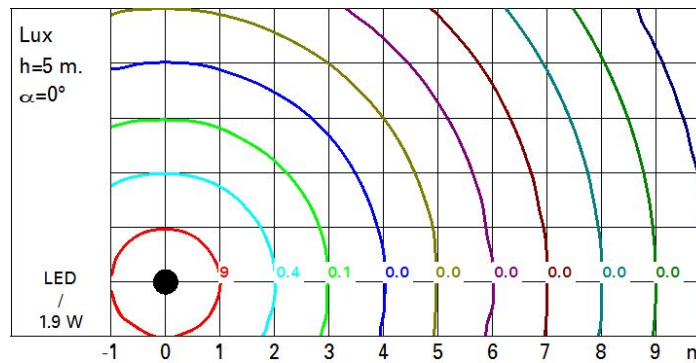
**Technical data**

Im system:	118	Rg (Gamut Index):	96
W system:	1.9	Colour temperature [K]:	3000
Im source:	200	MacAdam Step:	3
W source:	1.4	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (Im/W, real value):	62.1	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
Im in emergency mode:	-	Lamp code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of lamps for optical assembly:	1
Light Output Ratio (L.O.R.) [%]:	59	ZVEI Code:	LED
Beam angle [°]:	10°	Number of optical assemblies:	1
CRI (minimum):	80	Intervallo temperatura ambiente:	from -30°C to 50°C.
Rf (Colour Fidelity Index):	86	LED current [mA]:	500

### Polar



### Isolux



### UGR diagram

Corrected UGR values (at 200 lm bare lamp luminous flux)											
Reflect.:		viewed crosswise					viewed endwise				
ceiling	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 crosswise					viewed endwise				
x	y										
2H	2H	-4.5	-2.5	-4.1	-2.1	-1.8	-4.5	-2.5	-4.1	-2.1	-1.8
	3H	-3.6	-2.4	-3.3	-2.1	-1.8	-4.3	-3.0	-3.9	-2.7	-2.4
	4H	-3.3	-2.4	-2.9	-2.0	-1.7	-4.1	-3.2	-3.8	-2.9	-2.6
	6H	-3.1	-2.6	-2.8	-2.3	-1.9	-4.0	-3.5	-3.7	-3.2	-2.8
	8H	-3.2	-2.5	-2.8	-2.2	-1.9	-4.1	-3.4	-3.7	-3.1	-2.7
	12H	-3.3	-2.5	-2.9	-2.1	-1.8	-4.2	-3.4	-3.8	-3.0	-2.7
4H	2H	-4.1	-3.2	-3.8	-2.9	-2.6	-3.3	-2.4	-2.9	-2.0	-1.7
	3H	-3.1	-2.3	-2.8	-2.0	-1.6	-2.9	-2.1	-2.5	-1.7	-1.3
	4H	-2.8	-1.7	-2.4	-1.3	-0.9	-2.8	-1.7	-2.4	-1.3	-0.9
	6H	-3.0	-1.2	-2.5	-0.8	-0.3	-3.0	-1.2	-2.5	-0.7	-0.3
	8H	-3.1	-1.2	-2.6	-0.7	-0.2	-3.1	-1.1	-2.6	-0.7	-0.2
	12H	-3.2	-1.3	-2.7	-0.8	-0.3	-3.1	-1.2	-2.6	-0.7	-0.2
8H	4H	-3.1	-1.1	-2.6	-0.7	-0.2	-3.1	-1.2	-2.6	-0.7	-0.2
	6H	-2.9	-1.3	-2.4	-0.8	-0.3	-3.0	-1.3	-2.5	-0.9	-0.3
	8H	-2.9	-1.6	-2.4	-1.1	-0.6	-2.9	-1.6	-2.4	-1.1	-0.6
	12H	-2.7	-2.0	-2.2	-1.5	-1.0	-2.7	-2.0	-2.2	-1.5	-1.0
12H	4H	-3.1	-1.2	-2.6	-0.7	-0.2	-3.2	-1.3	-2.7	-0.8	-0.3
	6H	-2.9	-1.6	-2.4	-1.1	-0.6	-2.9	-1.7	-2.4	-1.2	-0.7
	8H	-2.7	-2.0	-2.2	-1.5	-1.0	-2.7	-2.0	-2.2	-1.5	-1.0
Variations with the observer position at spacing:											
S =		1.8 / -0.9					1.8 / -0.9				
		3.4 / -1.3					3.4 / -1.3				
		5.0 / -2.0					5.0 / -2.0				