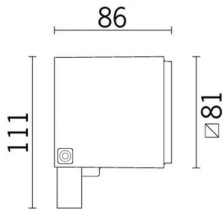


Last information update: April 2024

Product configuration: BK26

BK26: Outdoor floodlight - Neutral white LED - with electronic ballast Vin=100-240V ac - Wide Flood optic

**Product code**

BK26: Outdoor floodlight - Neutral white LED - with electronic ballast Vin=100-240V ac - Wide Flood optic

Technical description

Direct light outdoor floodlight, designed to use neutral white LED lamps, with wide flood 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. Prismatic 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 mm². Electronic circuit with neutral white LED and highly reflective thermoplastic internal reflector. 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)

0.86

Mounting

wall surface|free standing

WiringEquipped 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**

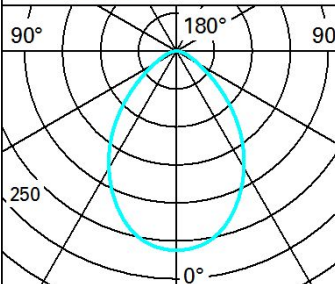
Product complete with LED lamp.

Complies with EN60598-1 and pertinent regulations

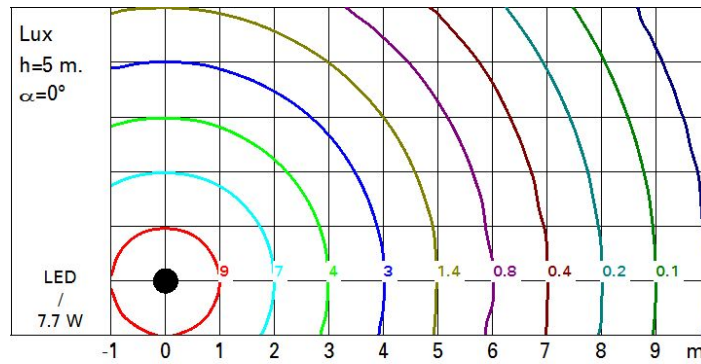
**Technical data**

Im system:	437	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):	56.8	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.) [%]:	54	Intervallo temperatura ambiente:	from -30°C to 50°C.
Beam angle [°]:	78°	Power factor:	See installation instructions
CRI (minimum):	80	Overvoltage protection:	2kV Common mode & 1kV Differential mode
Colour temperature [K]:	4000		

Polar

Imax=262 cd		Lux			
		h	d	Em	Emax
		1	1.6	178	262
		2	3.2	44	66
		3	4.9	20	29
		4	6.5	11	16
$\alpha=78^\circ$					

Isolux



UGR diagram

Corrected UGR values (at 810 lm bare lamp luminous flux)												
Riflect.:		viewed crosswise					viewed endwise					
ceil/cav	walls											
		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30	0.30
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30	
		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	
2H	2H	22.4	23.4	22.7	23.6	23.9	22.4	23.4	22.7	23.6	23.9	
	3H	22.9	23.8	23.2	24.1	24.3	22.6	23.5	22.9	23.7	24.0	
	4H	23.1	23.9	23.5	24.2	24.5	22.6	23.4	23.0	23.7	24.0	
	6H	23.3	24.0	23.6	24.4	24.7	22.6	23.3	23.0	23.7	24.0	
	8H	23.3	24.1	23.7	24.4	24.8	22.6	23.3	22.9	23.6	24.0	
	12H	23.4	24.1	23.8	24.4	24.8	22.5	23.2	22.9	23.6	23.9	
4H	2H	22.6	23.4	23.0	23.7	24.0	23.1	23.9	23.5	24.2	24.5	
	3H	23.3	23.9	23.6	24.3	24.7	23.4	24.1	23.8	24.5	24.8	
	4H	23.6	24.2	24.0	24.5	24.9	23.6	24.2	24.0	24.5	24.9	
	6H	23.8	24.4	24.3	24.8	25.2	23.6	24.2	24.1	24.6	25.0	
	8H	24.0	24.4	24.4	24.9	25.3	23.7	24.1	24.1	24.6	25.0	
	12H	24.0	24.5	24.5	24.9	25.4	23.6	24.1	24.1	24.5	25.0	
8H	4H	23.7	24.1	24.1	24.6	25.0	24.0	24.4	24.4	24.9	25.3	
	6H	24.0	24.4	24.5	24.9	25.4	24.1	24.5	24.6	25.0	25.5	
	8H	24.2	24.6	24.7	25.0	25.5	24.2	24.6	24.7	25.0	25.5	
	12H	24.4	24.7	24.9	25.2	25.7	24.3	24.6	24.8	25.1	25.6	
12H	4H	23.6	24.1	24.1	24.5	25.0	24.0	24.5	24.5	24.9	25.4	
	6H	24.1	24.4	24.6	24.9	25.4	24.3	24.6	24.8	25.1	25.6	
	8H	24.3	24.6	24.8	25.1	25.6	24.4	24.7	24.9	25.2	25.7	
Variations with the observer position at spacing:												
S =	1.0H	0.4 / -0.6					0.4 / -0.6					
	1.5H	1.0 / -1.4					1.0 / -1.4					
	2.0H	2.0 / -1.8					2.0 / -1.8					