

Last information update: April 2024

**Product configuration: BD24**

BD24: neutral white

**Product code**BD24: neutral white **Attention! Code no longer in production****Technical description**

Ground-recessed luminaire, designed to use Neutral White LED lamps. Supplied with Spot optic, can be adjusted  $\pm 10^\circ$  relative to the vertical axis and  $\pm 180^\circ$  relative to the horizontal plane. Consists of a circular body and a frame made of AISI 304 stainless steel, with surface treatment to increase resistance to corrosion and black painted aluminium die-cast connecting ring. The product has an 8 mm thick tempered sodium - calcium closing glass which resists a static load of 1000 kg, plus a black EPDM seal. Product complete with anti-glare screen made of thermoplastic material and plastic lenses with  $30^\circ$  light cone. The base of the product is fitted with a stainless steel PG16 cable clamp, complete with 1 m power cable and anti-transpiration device. The frame, glass and optical assembly together guarantee resistance to a static load of 2500 kg. All external screws used are made of A2 stainless steel.

**Installation**

Ground-recessed, with outer casing installed flush with ground level and concrete poured around it covering a gravel base for secure positioning and rainwater drainage respectively. Outer casing dimensions D = 149 H = 278.

**Colour**

Steel (13)

**Mounting**

ground recessed

**Wiring**

Luminaire complete with lamp and electronic ballast 220/240V 50/60Hz

**Notes**

Accessories available: kit and wrench for anti-theft screws.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	190	CRI (minimum):	75
W system:	4.5	Colour temperature [K]:	4200
Im source:	267	MacAdam Step:	4
W source:	3.5	Life Time LED 1:	50,000h - L80 - B20 (Ta 25°C)
Luminous efficiency (Im/W, real value):	42.3	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of $90^\circ$ [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	71	Number of optical assemblies:	1
Beam angle $[\alpha]$ :	$6^\circ$	Intervallo temperatura ambiente:	from $-20^\circ\text{C}$ to $+35^\circ\text{C}$ .

**Polar**

Imax=11487 cd		Lux			
		h	d	Em	Emax
	180°	8	0.8	130	179
		16	1.7	32	45
	90°	24	2.5	14	20
	0°	32	3.4	8	11
	$\alpha = 6^\circ$				

# Isolux

