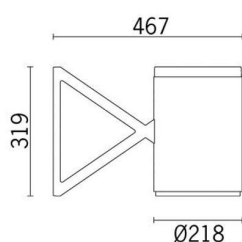


Last information update: October 2023

**Product configuration: BI49**

BI49: Large body optical assembly with electronic control gear Neutral White LEDs and symmetrical optic

**Product code**BI49: Large body optical assembly with electronic control gear Neutral White LEDs and symmetrical optic **Attention! Code no longer in production****Technical description**

Direct light lighting system, designed to use LED lamps, with symmetrical optic. The optical assembly and frame are made of die-cast aluminium alloy coated with liquid acrylic paint with a high level of resistance to weather and UV rays. The arm is made of aluminium alloy. The 4 mm thick transparent, tempered sodium - calcium glass is joined to the frame with silicone. The internal silicone seals guarantee watertightness. There are steel retaining cables between the lower frame and the optical assembly, and between the optical assembly and the upper base. Fortimo DLM Neutral White LED module. SELV 220-240V ac 50/60Hz electronic ballast. LED unit and ballasts may be substituted. Accessories available: refractor for elliptical distribution and diffuser glass. All external screws used are made of A2 stainless steel.

**Installation**

The spotlight can be installed on ready-pierced iGuzzini poles with the following diameters:  $\varnothing 76/\varnothing 102/\varnothing 120$ mm. Versions with poles for burial and with base plate. Installation is possible on poles not supplied by iGuzzini, by first piercing the pole, on poles with the following diameters:  $\varnothing 60/\varnothing 76/\varnothing 89/\varnothing 102/\varnothing 114/\varnothing 120$ mm.

**Colour**

Grey (15)

**Weight (Kg)**

8.5

**Mounting**

poletop bottom entry/pole-top

**Wiring**

Double polyamide cable clamp PG 13.5 for pass-through wiring. Cables with quick-coupling terminals connect the terminal block and the control gear. Control gear with explosion-proof power factor correction capacitor, electronic ballast and ignitor.

Complies with EN60598-1 and pertinent regulations

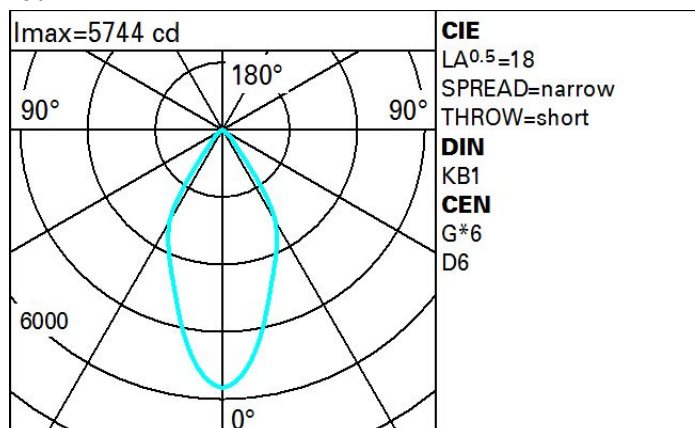


IK07

IP65

**Technical data**

Im system:	4067	Colour temperature [K]:	4000
W system:	41.2	MacAdam Step:	2
Im source:	5280	Life Time LED 1:	91,000h - L80 - B10 (Ta 25°C)
W source:	34	Life Time LED 2:	59,000h - L80 - B10 (Ta 40°C)
Luminous efficiency (Im/W, real value):	98.7	Ballast losses [W]:	7.2
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.) [%]:	77	ZVEI Code:	LED
Beam angle [°]:	50°	Number of optical assemblies:	1
CRI (minimum):	80	Intervallo temperatura ambiente:	from -20°C to +35°C.

**Polar**

# Isolux

