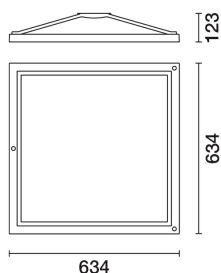


Last information update: April 2025

**Product configuration: BL18.B5**

BL18.B5: U.F.O. - Pole-mounted system - Large body optical assembly - Warm White - SC optic - 49.6W 5110lm - 3000K - Grey/White

**Product code**

BL18.B5: U.F.O. - Pole-mounted system - Large body optical assembly - Warm White - SC optic - 49.6W 5110lm - 3000K - Grey/White

**Technical description**

Outdoor luminaire with roto-symmetrical optic (SC) and direct light giving high level visual comfort (G5), designed to use LED lamps. Optical assembly made of die-cast aluminium, with dual phosphorous - chromium plating of the base, passivation at 120°C, RAL 9007 grey liquid paint, curing at 150°C. Opal polycarbonate closing glass with silicone seal for the frame closes the LED assembly, fixed to the component-holder box by 3 screws. The high IP66 rating is guaranteed by the 60 Shore silicone seal interposed between the two elements. Complete with circuit having Warm White (3000K) monochrome LEDs. Replaceable LED unit. Control gear, connected using quick-couplings, can be removed using clips. Driver with automatic inner temperature control system. Driver with 4 operating profiles, fixed profile at 100% and three different profiles with midnight point recognition and dimming period duration of 6h/8h/10h. Profiles can be selected using microswitches (operating cycles can be customised using dedicated software). Selv 220-240V ac 50/60Hz electronic ballast. Replaceable control gear unit. The optical assembly is fixed to the arm by 4 fixing screws with anti-loosening device. The light flow emitted in the upper hemisphere of the System in the horizontal position is null (in conformity with the strictest standards for the prevention of light pollution). All external screws used are made of stainless steel.

**Installation**The floodlight can be installed using steel arms for diameters  $\varnothing 76/102$ mm. For diameters  $\varnothing 60$ mm to  $\varnothing 89$ mm use the adapter.**Colour**

Grey/White (B5)

**Weight (Kg)**

13.87

**Mounting**

pole arm/pole-top side entry/pole-top

**Wiring**

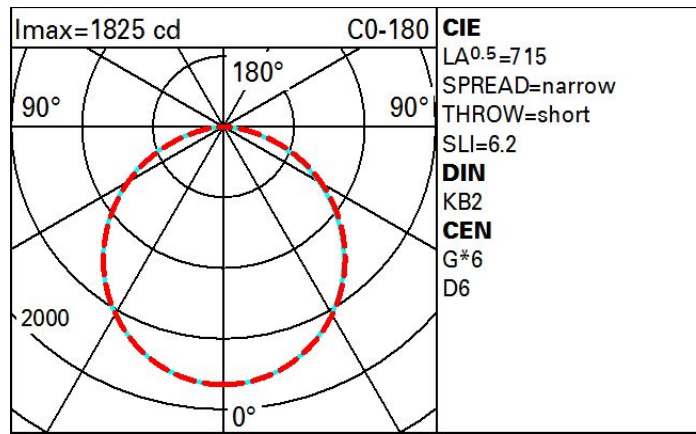
The product is powered by cables from a pre-wiring box with terminal block and 4A T fuse. Resistance to mains voltage peaks up to 10KV (with varistor). Product perfect watertightness at the power cable entry point is guaranteed by the nickel-plated brass M24 cable clamp (suitable for cables with  $\varnothing 7$ mm- $\varnothing 16$ mm).

Complies with EN60598-1 and pertinent regulations

**Technical data**

lm system:	5110	Life Time LED 3:	58,000h - L90 - B10 (Ta 40°C)
W system:	49.6	Life Time LED 4:	100,000h - L80 - B10 (Ta 40°C)
lm source:	-	Lamp code:	LED
W source:	-	Number of lamps for optical assembly:	1
Luminous efficiency (lm/W, real value):	103	ZVEI Code:	LED
lm in emergency mode:	-	Number of optical assemblies:	1
Total light flux at or above an angle of 90° [Lm]:	0	Intervallo temperatura ambiente:	from -40°C to 50°C.
Light Output Ratio (L.O.R.) [%]:	100	Power factor:	See installation instructions
CRI (minimum):	80	Inrush current:	32 A / - $\mu$ s
Colour temperature [K]:	3000	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 6 luminaires B16A: 10 luminaires C10A: 10 luminaires C16A: 17 luminaires
MacAdam Step:	3	Minimum dimming %:	5
Life Time LED 1:	63,000h - L90 - B10 (Ta 25°C)	Overvoltage protection:	10kV Common mode & 6kV Differential mode
Life Time LED 2:	100,000h - L80 - B10 (Ta 25°C)	Control:	Midnight preset/DALI NFC

# Polar



# Isolux

