Palco InOut

Design Artec iGuzzini Studio

Last information update: February 2025

Product configuration: S848

S848: Floodlight with flange - Warm White - Integrated power supply - DALI - Wide Flood - Class II

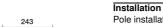


Product code

S848: Floodlight with flange - Warm White - Integrated power supply - DALI - Wide Flood - Class II

Technical description

Floodlight with LED lamp fitted with a Wide Flood optic. Consisting of an optical assembly made of EN1706AC 46100LF aluminium alloy and a forged steel flange for installation on cylindrical-conical poles. The optical assembly is subjected to a multi-step, pretreatment process in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nanostructured silane layer). The following painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The optical assembly is fitted with a 5 mm thick tempered sodium-calcium glass cover. The product can be positioned at 345° on the vertical plane and 90° on the horizontal plane. The product is fitted with a 7m cable hidden inside the flange and can be installed on cylindrical-conical poles using the slots in the flange. A monochrome LED circuit is located inside the product with an Opti Beam Reflector optic system. The power supply unit and DALI protocol are included in the product code. Option of using all the optic accessories that can be mounted directly on the product or via an accessory holder frame. All external screws are made of A2 stainless steel.



Pole installations can be made using two M10 screws included in the end product code.

 Colour
 Weight (Kg)

 White (01) | Black (04) | Grey (15) | Rust Brown (F5)
 6.28

Mounting

pole-top side entry

Notes

S840, S841, S842, S843, S844, S845, S846, S847: Opti Beam Lens S848, S849, S850, S851: Opti Beam Reflectors Insulation class II These products can be used at a maximum ambient temperature of 50°C.

Complies with EN60598-1 and pertinent regulations





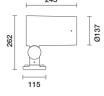












Technical data Im system: 3065 Life Time LED 1: 100,000h - L90 - B10 (Ta 25°C) W system: 31.3 Life Time LED 2: 100,000h - L90 - B10 (Ta 40°C) 3880 LED Im source: Lamp code: W source: 27 Number of lamps for optical Luminous efficiency (lm/W, 97.9 assembly: ZVEI Code: LED real value): Im in emergency mode: Number of optical assemblies: Total light flux at or above 0 an angle of 90° [Lm]: Intervallo temperatura from -30°C to 50°C. Light Output Ratio (L.O.R.) 79 ambiente: See installation instructions Power factor: [%]: 43° / 41° Inrush current: 21 A / 300 μs Beam angle [°]: CRI (minimum): 80 Maximum number of luminaires of this type per B10A: 13 luminaires Colour temperature [K]: 3000 miniature circuit breaker: B16A: 21 luminaires MacAdam Step: 2 C10A: 21 luminaires C16A: 35 luminaires Overvoltage protection: 10kV Common mode & 6kV Differential mode Control: DALI-2



