

Last information update: February 2025

**Product configuration: S845**

S845: Floodlight with flange - Neutral White - Integrated power supply - DALI - Medium - Class II



**Product code**

S845: Floodlight with flange - Neutral White - Integrated power supply - DALI - Medium - Class II

**Technical description**

Floodlight with LED lamp fitted with a Medium 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, pre-treatment process in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured 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 Lens 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.

**Installation**

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

**Colour**

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

**Weight (Kg)**

6.28

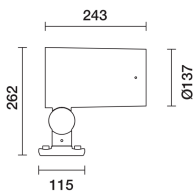
**Mounting**

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:	2173	Colour temperature [K]:	4000
W system:	20.4	MacAdam Step:	2
Im source:	2750	Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)
W source:	17	Life Time LED 2:	100,000h - L90 - B10 (Ta 40°C)
Luminous efficiency (lm/W, real value):	106.5	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	79	Number of optical assemblies:	1
Beam angle [°]:	18°	Intervallo temperatura ambiente:	from -30°C to 50°C.
CRI (minimum):	80	Control:	DALI-2

**Polar**

