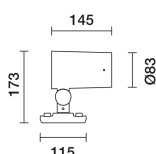


**Product configuration: S796**

S796: Floodlight with flange - Warm White - Remote power supply - Spot - Class III



S796: Floodlight with flange - Warm White - Remote power supply - Spot - Class III

**Product description**

Floodlight with LED lamp fitted with a Spot 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, fluoro-zirconation (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 330° on the vertical plane and 90° on the horizontal plane. Mechanical aiming locks for rotation on both the vertical axis and 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 is remote and needs to be ordered separately. 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.

**Weight (Kg)**  
2.49

pole-top side entry

Opti Beam Reflector Insulation class II Power supply unit to be ordered separately. These products can be used at a maximum ambient temperature of 35°C.

Complies with EN60598-1 and pertinent regulations



Im system:	1621	Colour temperature [K]:	3000
W system:	16	MacAdam Step:	2
Im source:	2350	Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)
W source:	16	Lamp code:	LED
Luminous efficiency (Im/W, real value):	101.3	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	69	Intervallo temperatura ambiente:	from -30°C to 35°C.
Beam angle [°]:	16°	LED current [mA]:	470
CRI (minimum):	80		

**I<sub>max</sub> = 10940 cd**  
**CIE**  
 nL 0.69  
 100-100-100-100-69  
 UGR <10-10  
**DIN**  
 A.61  
**UTE**  
 0.69A+0.00T  
 F"1=997  
 F"1+F"2=999  
 F"1+F"2+F"3=1000  
**CIBSE**  
 LG3 L<1500 cd/m<sup>2</sup> at 65°  
 UGR<10 | L<1500 cd/mq @