iGuzzini

Last information update: February 2025

# Product configuration: S855

S855: Floodlight with flange - Neutral White - Integrated power supply - DALI - Flood - Class II

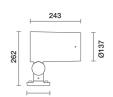


### Product code

S855: Floodlight with flange - Neutral White - Integrated power supply - DALI - Flood - Class II

### **Technical description**

Floodlight with LED lamp fitted with a 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, 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	Weight (Kg)
White (01)   Black (04)   Grey (15)   Rust Brown (F5)	6.28

# Mounting

pole-top side entry

#### Notes

S852, S853, S854, S855: Opti Beam Lens S856, S857, S858, S858: Opti Beam Reflectors Insulation class II These products can be used at a maximum ambient temperature of 35°C.

Complies with EN60598-1 and pertinent regulations

IK07 IP66

CE UK

S

S

Complies with EN60598-1 and pertinent regulations

Technical data				
Im system:	2694	Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)	
W system:	25.8	Lamp code:	LED	
Im source:	3410	Number of lamps for optical	1	
W source:	22	assembly:		
Luminous efficiency (Im/W,	104.4	ZVEI Code:	LED	
real value):		Number of optical	1	
Im in emergency mode:	-	assemblies:		
Total light flux at or above an angle of 90° [Lm]:	0	Intervallo temperatura ambiente:	from -30°C to 35°C.	
Light Output Ratio (L.O.R.) [%]:	79	Power factor:	See installation instructions	
		Inrush current:	21 A / 300 μs	
Beam angle [°]:	28°	Maximum number of		
CRI (minimum):	80	luminaires of this type per	B10A: 13 luminaires B16A: 21 luminaires	
Colour temperature [K]:	4000	miniature circuit breaker:		
MacAdam Step:	2		C10A: 21 luminaires C16A: 35 luminaires	
		Overvoltage protection:	10kV Common mode & 6kV Differential mode	
		Control:	DALI-2	



