

Last information update: March 2025

**Product configuration: S711**

S711: Spotlight with bracket (to be ordered separately) - Warm White LED - Remote Ballast - Spot optic - Class I

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**Technical description**

Spotlight designed to use LED lamps and a Spot optic. Consists of a die-cast aluminium optical assembly, steel brackets (both a bracket for the spotlight and a bracket for handle/pole application) and a clear, tempered sodium-calcium safety glass cover. It is fitted with an A2 stainless steel cable gland and a 2x1mm<sup>2</sup> section 05RN-F cable. The optical assembly can be adjusted on a horizontal plane at an angle between -50° / +90°. Agorà is fitted with a graduated scale and mechanical locking device for positioning. The Opti Beam Lens optical system comes complete with a Warm White monochrome LED circuit. The electronic DALI ballast is remote and can be ordered separately to allow the spotlights to be connected in series. The spotlight is fitted with a protection system that in the event of a fault allows all the other products in the same circuit to operate normally. Class I, IP67 rated power supply units must be used (all the necessary information is included in the instruction sheet). Both indoor (diffuser glass covers, lamellar louvers and refractors for elliptical light) and outdoor accessories (cylindrical screens, visors and protective grilles) can be used. All external screws used are made of A2 stainless steel.

**Installation**

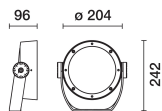
Floor-installed or wall-mounted with a bracket or handle (special bracket).

**Colour**

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

**Weight (Kg)**

2.97

**Wiring**

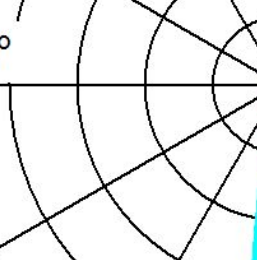
A2 stainless steel cable gland.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	3542	Colour temperature [K]:	2700
W system:	38.7	MacAdam Step:	3
Im source:	4600	Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)
W source:	33	Lamp code:	LED
Luminous efficiency (lm/W, real value):	91.5	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.) [%]:	77	Intervallum temperatura ambiente:	from -30°C to 35°C.
Beam angle [°]:	16°	Control:	DALI-2
CRI (minimum):	80		

$I_{\max} = 35319 \text{ cd}$



$\alpha = 15^\circ$

Figure 1 is a 3D plot showing the illuminance distribution in a rectangular room with dimensions 2m x 2m x 3m. The plot shows a peak illuminance of 3 lux at the center of the room (0, 0, 3) and a minimum illuminance of 0.1 lux at the corners of the room floor. The axes are labeled 'Lux' (vertical), 'm' (horizontal), and 'Wall distance = 1m' (depth).