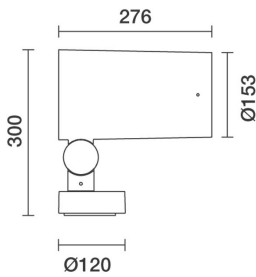


Last information update: March 2025

**Product configuration: ES79**

ES79: Spotlight with base - Neutral White Led - integrated electronic control gear - H.O. - Ta 40



**Product code**

ES79: Spotlight with base - Neutral White Led - integrated electronic control gear - H.O. - Ta 40

**Technical description**

Spotlight designed to use LED lamps and a Flood optic. The optical assembly and base is made of EN1706AC 46100LF aluminium alloy and 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. 5 mm thick tempered sodium-calcium closing glass. Double adjustability allows a 360° rotation about the vertical axis and 90° tilting relative to the horizontal plane. Mechanical aiming locks for rotation on both the vertical axis and horizontal plane. Complete with a monochrome LED circuit and an Opti Beam Reflector optic system. The product includes a PG13.5 cable gland. Electronic DALI ballast integrated in product. Option of using optic accessories assembled via an accessory holder frame. All external screws used are made of A2 stainless steel.

**Installation**

Floor, wall, ceiling.

**Colour**

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

**Weight (Kg)**

6.56

**Mounting**

wall arm|ground surface|wall surface|ceiling surface

**Wiring**

Gear/Wiring

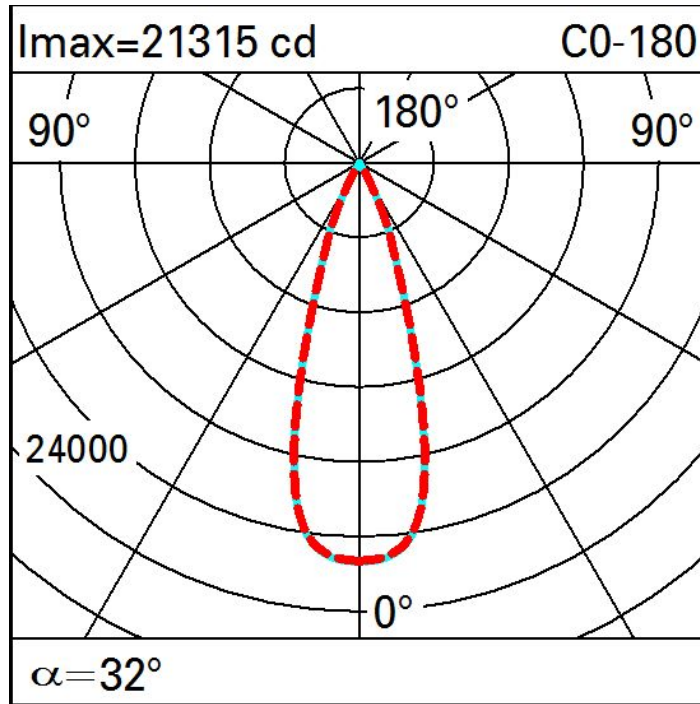
Complies with EN60598-1 and pertinent regulations



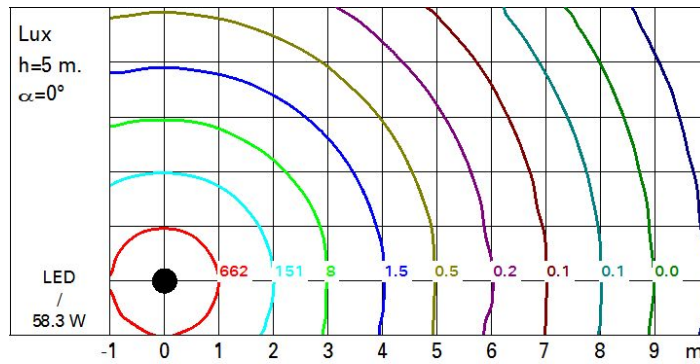
**Technical data**

Im system:	6723	Voltage [Vin]:	230
W system:	58.3	Lamp code:	LED
Im source:	8300	Number of lamps for optical assembly:	1
W source:	53	ZVEI Code:	LED
Luminous efficiency (lm/W, real value):	115.3	Number of optical assemblies:	1
Im in emergency mode:	-	Intervallo temperatura ambiente:	from -30°C to 50°C.
Total light flux at or above an angle of 90° [Lm]:	0	Lifetime of product at ambient operating temperature:	≥ 50.000h Ta=40°C
Light Output Ratio (L.O.R.) [%]:	81	Power factor:	See installation instructions
Beam angle [°]:	32°	Inrush current:	62 A / 202 µs
CRI (minimum):	80	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 6 luminaires B16A: 10 luminaires C10A: 10 luminaires C16A: 17 luminaires
Colour temperature [K]:	4000	Minimum dimming %:	10
MacAdam Step:	3	Overvoltage protection:	10kV Common mode & 6kV Differential mode
Life Time LED 1:	60,000h - L80 - B10 (Ta 25°C)	Control:	DALI-2
Life Time LED 2:	50,000h - L80 - B10 (Ta 40°C)		

Polar



Isolux



Illuminances

