

Last information update: November 2024

**Product configuration: 6541**

6541: Span-wire installation - STWrw optic - Warm White

**Product code**

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**Technical description**

Outdoor luminaire with direct light street optic for span-wire installation. The optical assembly is made of EN1706AC 46100LF aluminium alloy, 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 painting stage consists of a primer and a textured acrylic paint, cured at 150 °C, with a high level of weather and UV ray resistance. The 5 mm thick, sodium-calcium closing glass for both optical assemblies is fitted to the product via 3 captive screws on each side. The high IP rating is guaranteed by the silicone gasket placed between the two elements. Electronic power supply with 100%-70% Middle of the Night profile. Driver with automatic internal temperature control system. Power supply with automatic internal temperature control system. Complete with Warm White monochrome LED circuit. The wiring and optical assembly can be opened with everyday tools. All external screws are made of stainless steel.

**Installation**

The projector can be installed with a span-wire mounting using cables with 6 to 12 mm diameters. The attachment is included in the end product code.

**Colour**

White (01) | Black (04) | Grey (15) | Rust Brown (F5) | Deep Grey (H1)

**Weight (Kg)**

8.64

**Mounting**

span-wire installation

Complies with EN60598-1 and pertinent regulations

**Technical data**

lm system:	2020	Life Time LED 2:	100,000h - L90 - B10 (Ta 40°C)
W system:	16.5	Lamp code:	LED
lm source:	-	Number of lamps for optical assembly:	1
W source:	-	ZVEI Code:	LED
Luminous efficiency (lm/W, real value):	122.4	Number of optical assemblies:	1
lm in emergency mode:	-	Intervall temperatura ambiente:	from -40°C to 50°C.
Total light flux at or above an angle of 90° [Lm]:	0	Power factor:	See installation instructions
Light Output Ratio (L.O.R.) [%]:	100	Inrush current:	21 A / 300 µs
CRI (minimum):	70	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 13 luminaires B16A: 21 luminaires C10A: 21 luminaires C16A: 35 luminaires
Colour temperature [K]:	2200	Overvoltage protection:	10kV Common mode & 6kV Differential mode
MacAdam Step:	3	Control:	Middle of the night
Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)		

**Polar**