

Last information update: June 2023

Product configuration: P608

P608: small body - warm white - superspot 7° optic

**Product code**P608: small body - warm white - superspot 7° optic **Attention! Code no longer in production****Technical description**

Adjustable spotlight with adapter for installation on an electrified track for LED lamps. Die-cast aluminium optical assembly and thermoplastic material ballast box that can be easily customised. Tilts 90° relative to the horizontal plane and rotates 360° around the vertical axis, with mechanical locking mechanism for precision aiming. Optical assembly made up of Warm White colour tone 3000K high CRI C.o.B LED with OPTI BEAM LENS technology with a well-defined superspot light beam. Electronic ballast located inside the ballast box that is positioned vertically in relation to the optical assembly. Passive heat dissipation. Option of installing a refractor for elliptical distribution that can be ordered as an accessory.

Installation

On an electrified track or base

Colour

White (01) | Black (04)

Weight (Kg)

0.9

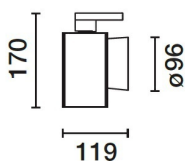
Mounting

three circuit track|ceiling surface

Wiring

Product complete with electronic components

Complies with EN60598-1 and pertinent regulations

**Technical data**

lm system:	286	CRI (minimum):	90
W system:	8.5	Colour temperature [K]:	3000
lm source:	530	MacAdam Step:	2
W source:	5.6	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	33.7	Ballast losses [W]:	2.9
lm in emergency mode:	-	Lamp code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of lamps for optical assembly:	1
Light Output Ratio (L.O.R.) [%]:	54	ZVEI Code:	LED
Beam angle [°]:	8°	Number of optical assemblies:	1

Polar

Imax=10621 cd		Lux			
90°	180°	h	d	Em	E _{max}
		2	0.3	2081	2655
		4	0.6	520	664
		6	0.8	231	295
		8	1.1	130	166
α=8°					

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	48	46	44	42	45	43	43	41	77
1.0	50	48	46	45	47	46	46	44	81
1.5	53	51	50	49	51	49	49	47	87
2.0	55	53	52	51	53	52	51	50	92
2.5	56	55	54	53	54	53	53	51	95
3.0	57	56	55	55	55	54	54	52	97
4.0	57	57	56	56	56	55	55	53	99
5.0	58	57	57	57	56	56	55	54	100

Luminance curve limit

