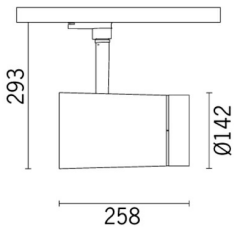


Last information update: May 2024

**Product configuration: N212**

N212: large body - warm white - ssp 6° optic



**Product code**

N212: large body - warm white - ssp 6° optic **Attention! Code no longer in production**

**Technical description**

Adjustable spotlight with adapter for installation on a mains voltage track. Luminaire made of die-cast aluminium. Spotlight double adjustability allows a 360° rotation about the vertical axis and 90° tilting relative to the horizontal plane. Mechanical aiming locks both for rotation about the vertical axis and tilting relative to the horizontal plane. Optical assembly made up of 7 LED lamps in a warm white tone 3000K CRI90, and single chip technology, to obtain a super spot cone of light. Electronic ballast integrated in the cylinder.

**Installation**

On an electrified track

**Colour**

White (01) | Black (04)

**Weight (Kg)**

3.45

**Mounting**

three circuit track

**Wiring**

Product complete with electronic components

Complies with EN60598-1 and pertinent regulations



**Technical data**

Im system:	1271	CRI:	95
W system:	23.1	Colour temperature [K]:	3000
Im source:	1650	MacAdam Step:	3
W source:	19	Life Time LED 1:	50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (Im/W, real value):	55	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	77	Number of optical assemblies:	1
Beam angle [°]:	6°		

**Polar**

Imax=53349 cd		Lux			
90°	180°	90°	h	d	Em Emax
			2	0.2	10155 13337
			4	0.4	2539 3334
			6	0.6	1128 1482
			8	0.8	635 834
$\alpha = 6^\circ$					

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	69	65	63	61	65	62	62	60	77
1.0	72	69	67	65	68	66	66	63	82
1.5	76	73	71	70	73	71	70	68	88
2.0	78	77	75	74	75	74	73	71	92
2.5	80	78	77	76	77	76	76	73	95
3.0	81	80	79	78	79	78	77	75	97
4.0	82	81	81	80	80	79	78	76	99
5.0	82	82	81	81	80	80	79	77	100

Luminance curve limit

