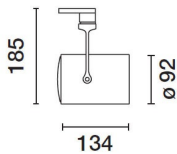


Last information update: May 2024

Product configuration: P033

P033: spotlight- neutral white - 15° optic

**Product code**P033: spotlight- neutral white - 15° optic **Attention! Code no longer in production****Technical description**

Adjustable spotlight with adapter for installation on a mains voltage track. Die-cast aluminium optical assembly and brackets, the back of the product is slightly rounded and made of a thermoplastic material. 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. Equipped with electronic ballast. Luminaire complete with C.O.B. technology LED unit in neutral white colour 4,000K. Option of installing a flat accessory that can be either an elliptical distribution refractor, a soft lens filter or a louver.

Installation

on an electrified track or special base

Colour

White (01) | Black (04) | White / Chrome (E4)

Weight (Kg)

0.95

Mounting

three circuit track

Wiring

product complete with electronic components

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	1676	CRI:	80
W system:	15,4	Colour temperature [K]:	4000
Im source:	2150	MacAdam Step:	2
W source:	13	Life Time LED 1:	> 50.000h - L80 - B10 (Ta 25°C)
Luminous efficiency (Im/W, real value):	108,9	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.) [%]:	78	Number of optical assemblies:	1
Beam angle [°]:	16°		

Polar

Imax=11035 cd		Lux			
90°	180°	h	d	Em	E _{max}
		2	0.6	2245	2759
		4	1.1	561	690
		6	1.7	249	307
		8	2.2	140	172
$\alpha = 16^\circ$					