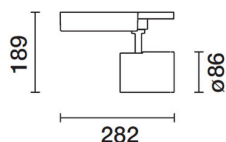


Last information update: May 2024

Product configuration: MR90

MR90: spotlight - warm white spot optic

**Product code**MR90: spotlight - warm white spot optic **Attention! Code no longer in production****Technical description**

Adjustable spotlight with adapter for installation on mains voltage track for LED source with CoB technology, Warm White (3000K) emission. Electronic control gear housed inside the track-mounted power supply box. The luminaire is made of die-cast aluminium and thermoplastic. OPTIBEAM superpure aluminium reflector with high luminous efficacy and uniform distribution, spot optic. Features 90° inclination on the horizontal plane and 360° rotation around the vertical axis, with mechanical locking device for aiming. Passive cooling system. Possibility of installing a refractor, to be ordered separately, for elliptical light beam distribution.

Installation

The luminaire can be installed on a standard electrified track or on an appropriate channel incorporating an electrified track.

Colour

White (01) | Black (04)

Weight (Kg)

1.12

Mounting

three circuit track|ceiling surface

Wiring

product inclusive of electronic components incorporated into the track-mounted box.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	2040	CRI:	80
W system:	24.6	Colour temperature [K]:	3000
Im source:	3000	MacAdam Step:	2
W source:	21	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (Im/W, real value):	82.9	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.) [%]:	68	Number of optical assemblies:	1
Beam angle [°]:	18°		

Polar

Imax=7465 cd		Lux			
90°	180°	h	d	Em	Emax
		2	0.6	1470	1866
		4	1.3	368	467
		6	1.9	163	207
		8	2.5	92	117
α = 18°					