

Last information update: June 2018



**spotlight - warm white spot optic**

**Product code**  
MR90

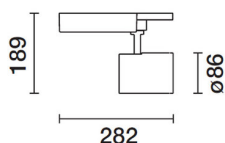
**Technical description**

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.

**Dimension (mm)**  
Ø86x189



**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



**Product configuration: MR90**

**Product characteristics**

Total lighting output [Lm]: 2040  
Total power [W]: 24.6  
Luminous efficacy [Lm/W]: 82.9  
Life Time: > 50,000h - L80 - B10 (Ta 25°C)

Total luminous flux at or above an angle of 90° [Lm]: 0  
Emergency luminous flux [Lm]: /  
Voltage [V]: -  
Number of optical assemblies: 1

**Optical assembly Characteristics Type 1**

Light Output Ratio (L.O.R.) [%]: 68  
Lamp code: LED  
ZVEI Code: LED  
Nominal power [W]: 21  
Nominal luminous [Lm]: 3000  
Lamp maximum intensity [cd]: /  
Beam angle [°]: 18°

Number of lamps for optical assembly: 1  
Socket: /  
Ballast losses [W]: 3.6  
Colour temperature [K]: 3000  
CRI: 80  
Wavelength [Nm]: /  
MacAdam Step: 2

**Polar**

