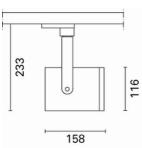# Front Light

Last information update: May 2018

Small body Spotlight - LED Warm White - Electronic ballast - Spot Optic

Product code
MN52

Technical description
Adjustable indoor spotlight with adapter for installation on mains electrified track, for high output LED lamp with monochrome emission in a warm white colour. Spot optic. Luminaire made of die-cast aluminium. Twin adjustability allows 360° rotation about the vertical axis and 90° tilting relative to the horizontal plane. Mechanical locks for aiming, for rotation on horizontal plane and around vertical axis. Equipped with electronic ballast.

Installation
Electrified track or base, to be ordered as an accessory

Dimension (mm)
Ø116x158

Colour
White (01) | Black (04) | Grey/Black (74)

Weight (Kg)
1.4

Mounting
three circuit track

Wiring
Electronic components housed in the luminaire.

Complies with EN60598-1 and pertinent regulations

IP20 IP40 for optical assembly

Product configuration: MN52

Product characteristics

Total lighting output [Lm]: 2342	Total luminous flux at or above an angle of 90° [Lm]: 0
Total power [W]: 30.2	Emergency luminous flux [Lm]: /
Luminous efficacy [Lm/W]: 77.6	Voltage [V]: -
Life Time: > 50,000h - L80 - B10 (Ta 25°C)	Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 78	Number of lamps for optical assembly: 1
Lamp code: LED	Socket: /
ZVEI Code: LED	Ballast losses [W]: 2.2
Nominal power [W]: 28	Colour temperature [K]: 3000
Nominal luminous [Lm]: 3000	CRI: 90
Lamp maximum intensity [cd]: /	Wavelength [Nm]: /
Beam angle [°]: 12°	MacAdam Step: 2

Polar

Imax=28164 cd			

Lux			
h	d	Em	Emax
2	0.4	5638	7041
4	0.8	1409	1760
6	1.3	626	782
8	1.7	352	440

Polar chart annotations: 90°, 180°, 90°, 32000, 0°, α=12°