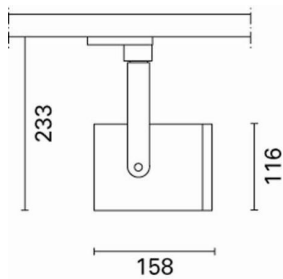# Front Light

Last information update: May 2018

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

Product code
ML00

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. Equipped with ballast. The luminaire comes complete with LED unit with spot optic warm white tone.

Installation
On an electrified track

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

CE   EHC   A++   pending

Product configuration: ML00

Product characteristics
Total lighting output [Lm]: 2397
Total power [W]: 23.2
Luminous efficacy [Lm/W]: 103.2
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.) [%]: 80
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 21
Nominal luminous [Lm]: 3000
Lamp maximum intensity [cd]: /
Beam angle [°]: 42°

Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 2.2
Colour temperature [K]: 3000
CRI: 80
Wavelength [Nm]: /
MacAdam Step: 2

Polar

Imax=5094 cd		Lux			
		h	d	Em	Emax
90° 180° 90°		2	1.5	1025	1264
		4	3.1	256	316
4500		6	4.6	114	140
0°		8	6.1	64	79
$\alpha=42°$					