4ward
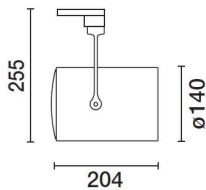
spotlight- warm white - 14° optic

Product code
P054

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 warm white colour 3000K. Option of installing a flat accessory that can be either an eliptical distribution refractor, a soft lens filter or a louver.

Installation
on an electrified track or special base

Dimension (mm)
Ø140x255

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

Weight (Kg)
1.74

Mounting
three circuit track

Wiring
product complete with electronic components

Complies with EN60598-1 and pertinent regulations

IP20   IP40   for optical assembly

CE   EAC   A++

Product configuration: P054

Product characteristics

Total lighting output [Lm]: 4022.4	Total luminous flux at or above an angle of 90° [Lm]: 0
Total power [W]: 35.5	Emergency luminous flux [Lm]: /
Luminous efficacy [Lm/W]: 113.4	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.) [%]: 79	Number of lamps for optical assembly: 1
Lamp code: LED	Socket: /
ZVEI Code: LED	Ballast losses [W]: 3.5
Nominal power [W]: 32	Colour temperature [K]: 3000
Nominal luminous [Lm]: 5100	CRI: 80
Lamp maximum intensity [cd]: /	Wavelength [Nm]: /
Beam angle [°]: 16°	MacAdam Step: 2

Polar

Imax=28343 cd	Lux			
	h	d	Em	Emax
	2	0.6	5689	7086
	4	1.1	1422	1771
	6	1.7	632	787
	8	2.2	356	443

90° 180° 90°

32000

0°

$\alpha = 16°$