

Last information update: May 2018



small body LED neutral white - spot optic

Product code
MS45

Technical description

Recessed luminaire made of die-cast aluminium and thermoplastic material, with 3x2.2W high-performing LED with monochromatic emission in Neutral White (4200K). LED optic with plastic lenses with narrow beam (S=10°). 335° rotation around vertical axis and 65° rotation around horizontal axis with continuous frictioning (only on horizontal axis). Anti-glare screen available as accessory. The technical characteristics of the luminaires comply with EN60598-1 norms and following amendments.

Installation

Recessed installation in false ceilings with thickness from 1 mm to 20 mm by means of special steel torsional springs and hinged brackets.

Dimension (mm)
Ø124x85

Colour
White (01)

Weight (Kg)
0.3

Mounting
ceiling recessed

Wiring
Electronic components for LED to be ordered separately.

Notes

For compliance with the NFC 20-455 standard use an optional filter code MW58 for each optical assembly

Complies with EN60598-1 and pertinent regulations



Product configuration: MS45

Product characteristics

Total lighting output [Lm]: 346.5
Total power [W]: 5.5
Luminous efficacy [Lm/W]: 63
Life Time: > 50,000h - L80 - B10 (Ta 25°C)

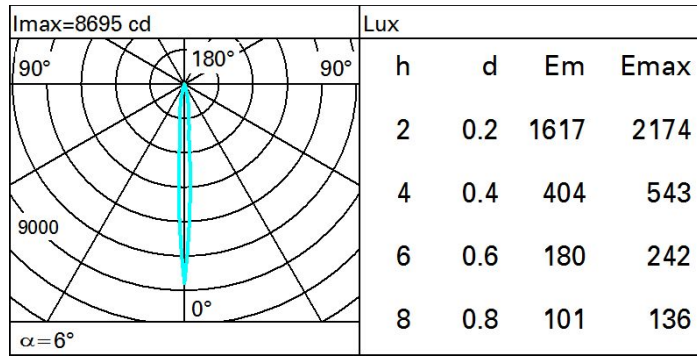
Total luminous flux at or above an angle of 90° [Lm]: 0
Emergency luminous flux [Lm]: /
Voltage [V]: -
Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 77
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 5.5
Nominal luminous [Lm]: 450
Lamp maximum intensity [cd]: /
Beam angle [°]: 6°

Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 0
Colour temperature [K]: 4000
CRI: 80
Wavelength [Nm]: /
MacAdam Step: 3

Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	69	65	62	60	64	62	61	59	76
1.0	72	68	66	64	68	65	65	62	81
1.5	76	73	71	69	72	70	70	67	87
2.0	78	76	75	73	75	74	73	71	92
2.5	80	78	77	76	77	76	75	73	95
3.0	81	80	79	78	78	78	76	75	97
4.0	82	81	80	80	79	79	78	76	99
5.0	82	82	81	81	80	80	79	77	100

Luminance curve limit

