Tecnica Pro

Design iGuzzini

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iGuzzini



ø 124

small body LED neutral white - medium optic

Product code

MS47

Technical description

Recessed luminaire made of die-cast aluminium and thermoplastic material, with 3x2.2W high-performing Neutral White (4200K) LED with monochromatic emission. LED optic with plastic lenses with medium beam (M=24°). 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

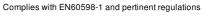
Wiring

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

LDGG



















Product configuration: MS47

Product characteristics

Total lighting output [Lm]: 350.1 Total power [W]: 5.5

Luminous efficacy [Lm/W]: 63.7 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.) [%]: 78 Lamp code: LED

Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 5.5
Nominal luminous [Lm]: 450
Lamp maximum intensity [cd]: /
Beam angle [°]: 22°

Number of lamps for optical assembly: 1

Socket: /

Ballast losses [W]: 0 Colour temperature [K]: 4000

CRI: 80

Wavelength [Nm]: / MacAdam Step: 3



Polar

Imax=1900 cd	CIE	Lux			
90°	nL 0.78 97-99-100-100-78	h	d	Em	Emax
	DIN A.61 UTE 0.78A+0.00T	2	0.8	382	475
	F"1=969 F"1+F"2=991	4	1.6	95	119
2000	F"1+F"2+F"3=999	6	2.3	42	53
α=22°		8	3.1	24	30

Utilisation factors

R 7	77	75	73	71	55	53	33	00	DRR
K0.8	69	65	63	61	65	62	62	59	76
1.0	72	69	66	65	68	66	66	63	81
1.5	76	74	72	70	73	71	70	68	87
2.0	79	77	75	74	76	74	74	71	92
2.5	80	79	78	77	78	77	76	74	95
3.0	81	80	79	79	79	78	77	75	97
4.0	82	82	81	80	80	80	79	77	99
5.0	83	82	82	82	81	81	79	77	100

Luminance curve limit

