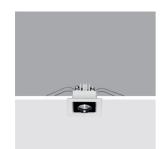
Design iGuzzini

iGuzzini

Last information update: June 2023

Product configuration: M989

M989: small body, Frame installation 1 LED warmwhite spot



Product code

M989: small body, Frame installation 1 LED warmwhite spot Attention! Code no longer in production

Technical description

Fixed square recessed luminaire designed to use a 1X1,5W LED lamp in warm white (3100°K) with spot optic. Recessed item with rim consisting of a single die-cast aluminium body. The upper part is a heat sink which helps to carry away the heat given off by the lamp. LED optics with a single lens made of thermoplastic material.

Installation

Recessed using springs which allow easy installation in false ceilings with thickness ranging from 1 mm to 30 mm

Colour

White (01) | Grey (15)

Mounting

wall recessed|ceiling recessed

Wiring

Electronic components to be ordered separately









Complies with EN60598-1 and pertinent regulations

35]	
45	
$\angle \!$	
35x35	

Technical data			
Im system:	90	CRI (minimum):	85
W system:	3.5	Colour temperature [K]:	3000
Im source:	106	Life Time LED 1:	50,000h - L80 - B20 (Ta 25°C)
W source:	1.6	Ballast losses [W]:	1.9
Luminous efficiency (lm/W,	25.8	Lamp code:	LED
real value):		Number of lamps for optical	1
Im in emergency mode:	-	assembly:	
Total light flux at or above	0	ZVEI Code:	LED
an angle of 90° [Lm]:		Number of optical	1
Light Output Ratio (L.O.R.) [%]:	85	assemblies:	
		LED current [mA]:	500
Beam angle [°]:	12°		

Polar

lmax=1626 cd	Lux			
90° 180° 90°	h	d	Em	Emax
	1	0.2	1241	1626
XXXX	2	0.4	310	406
1500	3	0.6	138	181
α=12°	4	8.0	78	102

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	77	73	70	68	72	69	69	66	78
1.0	80	76	74	72	76	73	73	70	82
1.5	84	81	79	77	80	78	78	75	88
2.0	87	85	83	82	84	82	81	79	93
2.5	88	87	86	85	86	84	84	81	95
3.0	89	88	87	87	87	86	85	83	97
4.0	90	90	89	89	88	88	87	84	99
5.0	91	91	90	90	89	89	87	85	100

Luminance curve limit

