Design iGuzzini

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Last information update: May 2024

Product configuration: MM86

MM86: 5 - cell Frameless Recessed luminaire - LED - Warm white - Incorporated DALI dimmable power supply - Wide Flood optic



Product code

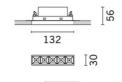
MM86: 5 - cell Frameless Recessed luminaire - LED - Warm white - Incorporated DALI dimmable power supply - Wide Flood optic Attention! Code no longer in production

Technical description

rectangular miniaturised recessed luminaire with 5 optical elements with LED lamps - fixed optics - wide flood beam angle. Main body with die-cast aluminium radiant surface, minimal (frameless) version for mounting flush with the ceiling. Metallised thermoplastic high definition optics, integrated in a rear position in the black anti-glare screen; the structure of the optical system prevents a pinpoint effect, allowing precise, circular light distribution and emission with controlled glare . Supplied with DALI dimmable electronic control gear connected to the luminaire. Warm white high colour rendering LED

Installation

recessed with steel wire springs on the specific adapter (included) which allows flush-mounting with the ceiling. Adapter fixed to false ceiling (12.5 mm thick) with self-tapping screws; subsequent filling and smoothing operations; insertion of luminaire body and aesthetic finishing. Preparation hole 35 x 139



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139x35

White (01) | Black (04) | Burnished chrome (E6)

Weight (Kg) 0.36

Mounting

wall recessed|ceiling recessed

Wiring

on control gear box; screw connections with terminal block included

Complies with EN60598-1 and pertinent regulations







48°

On the visible part of the product once installed



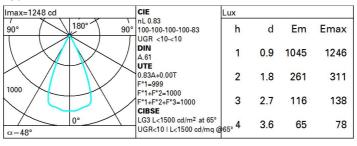




Technical data					
Im system:	705	CRI:	95		
W system:	15	Colour temperature [K]:	2700		
Im source:	850	MacAdam Step:	3		
W source:	10	Life Time LED 1:	50,000h - L90 - B10 (Ta 25°C)		
Luminous efficiency (lm/W,	47	Lamp code:	LED		
real value):		Number of lamps for optical	1		
Im in emergency mode:	-	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.)	83	assemblies:			
[%]:		Control:	DALI		

Polar

Beam angle [°]:



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	75	71	68	66	70	68	68	65	78
1.0	78	75	72	70	74	72	71	69	83
1.5	82	79	77	76	79	77	76	74	89
2.0	85	83	81	80	82	80	79	77	93
2.5	86	85	84	83	84	83	82	79	96
3.0	87	86	85	85	85	84	83	81	98
4.0	88	87	87	86	86	86	84	82	99
5.0	89	88	88	88	87	86	85	83	100

Corre	ected UC	GR value	e (at 850	Im bare	lamp lu	mino us 1	lux)						
Rifled	ct.:												
ceil/cav walls work pl. Room dim x y		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30		
		0.50 0.20	0.30	0.50 0.20	0.30	0.30 0.20	0.50 0.20	0.30 0.20	0.50	0.30	0.30		
												viewed crosswise	
		2H	2H	1.2	1.6	1.4	1.9	2.1	1.2	1.6	1.4		
			ЗН	1.0	1.5	1.3	1.7	2.0	1.0	1.5	1.3	1.7	2.0
4H	1.0		1.4	1.3	1.7	2.0	1.0	1.4	1.3	1.7	2.0		
бН	0.9		1.3	1.2	1.6	1.9	0.9	1.3	1.2	1.6	1.9		
нв	0.9		1.2	1.2	1.5	1.9	0.9	1.2	1.2	1.5	1.9		
12H	8.0		1.2	1.2	1.5	1.9	8.0	1.2	1.2	1.5	1.8		
4H	2H	1.0	1.4	1.3	1.7	2.0	1.0	1.4	1.3	1.7	2.0		
	ЗН	8.0	1.2	1.2	1.5	1.8	8.0	1.2	1.2	1.5	1.9		
	4H	0.7	1.0	1.1	1.4	1.8	0.7	1.0	1.1	1.4	1.8		
	6H	0.6	0.9	1.1	1.3	1.7	0.6	0.9	1.1	1.3	1.7		
	HS	0.6	8.0	1.0	1.3	1.7	0.6	8.0	1.0	1.3	1.7		
	12H	0.5	8.0	1.0	1.2	1.7	0.5	8.0	1.0	1.2	1.7		
вн	4H	0.6	8.0	1.0	1.3	1.7	0.6	8.0	1.0	1.3	1.7		
	6H	0.5	0.7	1.0	1.2	1.6	0.5	0.7	1.0	1.2	1.6		
	HS	0.4	0.6	0.9	1.1	1.6	0.4	0.6	0.9	1.1	1.0		
	12H	0.4	0.5	0.9	1.0	1.6	0.4	0.5	0.9	1.0	1.5		
12H	4H	0.5	8.0	1.0	1.2	1.7	0.5	8.0	1.0	1.2	1.7		
	бН	0.4	0.6	0.9	1.1	1.6	0.4	0.6	0.9	1.1	1.6		
	HS	0.4	0.5	0.9	1.0	1.5	0.4	0.5	0.9	1.0	1.6		
Varia	tions wi	th the ol	bserverp	noitieo	at spacir	ng:							
S =	1.0H	6.9 / -18.0					6.9 / -18.0						
	1.5H	9.7 / -18.3					9.7 / -18.3						
	2.0H	11.7 / -18.4					11.7 / -18.4						