Design iGuzzini

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Last information update: May 2024

Product configuration: MU51+LED

MU51: extractable, adjustable, recessed LED luminaire - electronic control gear included





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Technical description

Extractable, adjustable, recessed luminaire for warm white LED lamp. Passive heat dispersion system. Die-cast aluminium main body and frame; stainless steel rotation hinge. Rotation ring with safety cover in a high resistance thermoplastic material. Body adjusted with a manual manoeuvre device: internal 40° - external 65° - rotation on 355° axis. Reflector with high efficiency superpure aluminium optic - spot beam angle. Die-cast aluminium lamp body closure ring. Tempered transparent glass screen. Electronic control gear supplied and connected to the luminaire.

recessed using steel springs in false ceilings with thicknesses starting at 1 mm; preparation hole Ø 195 mm

Colour	Weight (Kg
White (01)	1.7



 $\langle A \rangle$ ø 196 Mounting

ceiling recessed

Wiring

on control gear box with quick-coupling connections

Complies with EN60598-1 and pertinent regulations

IP20 IP23

On the visible part of the product once installed



Im system: 2520 Beam angle [°]: 12°					
W system: 32 CRI: 80 Im source: 3000 Colour temperature [K]: 3000 W source: 32 MacAdam Step: 3 Luminous efficiency (Im/W, real value): Lamp code: LED Im in emergency mode: - assembly: Total light flux at or above an angle of 90° [Lm]: 0 ZVEI Code: LED Number of optical 1 Light Output Ratio (L.O.R.) 84 assemblies:	Technical data				
Im source: 3000 Colour temperature [K]: 3000 W source: 32 MacAdam Step: 3 Luminous efficiency (Im/W, 78.8 Lamp code: LED real value): Number of lamps for optical 1 Im in emergency mode: - assembly: Total light flux at or above an angle of 90° [Lm]: Number of optical 1 Light Output Ratio (L.O.R.) 84 Colour temperature [K]: 3000 MacAdam Step: 2 LED Number of optical 1 assemblies:	Im system:	2520	Beam angle [°]:	12°	
W source: 32 MacAdam Step: 3 Luminous efficiency (Im/W, 78.8 Lamp code: LED real value): Number of lamps for optical 1 lm in emergency mode: - assembly: Total light flux at or above an angle of 90° [Lm]: Vumber of optical 1 Light Output Ratio (L.O.R.) 84 assemblies:	W system:	32	CRI:	80	
Luminous efficiency (Im/W, 78.8 Lamp code: LED real value): 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.) 84 assemblies:	Im source:	3000	Colour temperature [K]:	3000	
real value): Im in emergency mode: Total light flux at or above 0 an angle of 90° [Lm]: Light Output Ratio (L.O.R.) 84 Number of lamps for optical 1 assembly: ZVEI Code: Number of optical 1 assemblies:	W source:	32	MacAdam Step:	3	
Im in emergency mode: Total light flux at or above 0 an angle of 90° [Lm]: Light Output Ratio (L.O.R.) 84 assembly: ZVEI Code: LED Number of optical 1 assemblies:	Luminous efficiency (lm/W,	78.8	Lamp code:	LED	
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.) 84 assemblies:	real value):		Number of lamps for optical	1	
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Light Output Ratio (L.O.R.) 84 assemblies:	Total light flux at or above	0	ZVEI Code:	LED	
	an angle of 90° [Lm]:		Number of optical	1	
	0 1 1	84	assemblies:		

Polar

	Imax=7095 cd/KIm	Lux/Klm			
	90° 180° 90°	h	d	Em	Emax
		2	0.4	1420	1774
		4	8.0	355	443
32 W	7500	6	1.3	158	197
LED - /	α=12°	- 8	1.7	89	111

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	75	71	68	66	70	68	67	64	77
1.0	78	75	72	70	74	72	71	68	81
1.5	83	80	78	76	79	77	76	74	88
2.0	85	83	82	80	82	81	80	77	92
2.5	87	85	84	83	84	83	82	80	95
3.0	88	87	86	85	85	85	84	81	97
4.0	89	88	88	87	87	86	85	83	99
5.0	90	89	88	88	88	87	86	84	100

Luminance curve limit

