Design Iosa Ghini

iGuzzini

Last information update: May 2024

Product configuration: ML24+LED

ML24: rectangular recessed luminaire with 3 optical assemblies - neutral white active dissipation - integrated electronic control gear - wide flood



398x151

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386x138

Product code

ML24: rectangular recessed luminaire with 3 optical assemblies - neutral white active dissipation - integrated electronic control gear - wide flood Attention! Code no longer in production

Technical description

Multiple recessed adjustable removable luminaire for LED lamp with active heat dissipation system. Sheet steel perimeter frame. Main structure and lamp body made of die-cast aluminium. Steel rotation hinges. Chrome-plated aluminium lamp body closing rings. Forced heat dissipation using fans with magnetic anti-friction operation guaranteeing lasting efficiency and quietness, keeping LED lamps performance unchanged. The fans have an anti-dust protection system; safety thermal breaker and are set up for fast, easy replacement. Reflectors with high efficiency super-pure aluminium optic - wide flood beam angle. Body adjusted using manually operated device: internal 29° - external 75° - rotation about axis 355°. During adjustment and rotation the lamp bodies are subject to some limitations. Consult the instruction sheet. Supplied with electronic control gear units connected to the luminaire. Neutral white high efficiency LED.

Installation

recessed: preparation slot 138×386 mm; perimeter frame preliminary fixing on false ceiling (min. thickness 1 mm) with adjustable metal brackets; main structure inserted and mechanically locked on the frame



White / Aluminium (39) | Grey / Black / Aluminium (E1)

Mounting

ceiling recessed

Wiring

on control gear box with quick-coupling connections; each lamp body has a specific ballast, allowing separate switch ons

Notes

the configuration of the lamp bodies causes some limitations during angling and rotation; consult the instruction leaflet

Complies with EN60598-1 and pertinent regulations







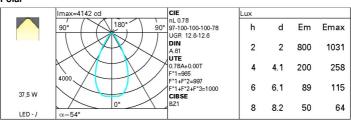




Technical data

lm system:	9351,6	CRI:	80		
W system:	112,5	Colour temperature [K]:	4000		
Im source:	4000	MacAdam Step:	3		
W source:	32	Life Time LED 1:	50.000h - L80 - B10 (Ta 25°C)		
Luminous efficiency (lm/W,	83,1	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	3		
Light Output Ratio (L.O.R.) [%]:	78	assemblies:			
Beam angle [°]:	54°				

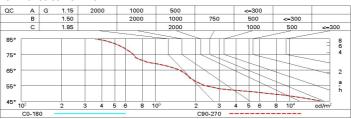
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
070E	FACIA ENERGY	(\$150.00) (\$150.00)	SESSOR W	202000	40.0000	15050	36767624 567676	1655 (1556) 1667 (1667)	100000000000000000000000000000000000000
K0.8	69	65	63	60	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	75	74	71	92
2.5	80	79	78	77	78	77	76	74	95
3.0	81	80	80	79	79	78	77	75	97
4.0	83	82	81	81	80	80	79	77	98
5.0	83	82	82	82	81	81	79	78	99

Luminance curve limit



Photometric curve code: Q1860000.RV1 Uncorrected UGR values (at 1000 lm bare lamp luminous flux)												
Rifled	ot.:						25					
ceil/cav walls work pl. Room dim		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 0.20	0.50 0.20	0.30 0.20	0.30 0.20	0.50 0.20	0.30 0.20	0.50 0.20	0.30 0.20	0.30 0.20	
												viewed
		X	У	сгозэмізе					endwise			
2H	2H	13.1	13.8	13.4	14.0	14.2	13.1	13.8	13.4	14.0	14.:	
	ЗH	13.0	13.6	13.3	13.8	14.1	13.0	13.6	13.3	13.8	14.	
	4H	12.9	13.5	13.3	13.8	14.1	12.9	13.5	13.3	13.8	14.	
	θН	12.9	13.3	13.2	13.7	14.0	12.9	13.3	13.2	13.7	14.	
	8H	12.8	13.3	13.2	13.6	14.0	12.8	13.3	13.2	13.6	14.	
	12 H	12.8	13.2	13.2	13.6	13.9	12.8	13.2	13.2	13.6	13.	
4H	2H	12.9	13.5	13.3	13.8	14.1	12.9	13.5	13.3	13.8	14.	
	ЗН	12.8	13.2	13.2	13.6	13.9	12.8	13.2	13.2	13.6	13.	
	4H	12.7	13.1	13.1	13.5	13.9	12.7	13.1	13.1	13.5	13.	
	θН	12.6	13.0	13.1	13.4	13.8	12.6	13.0	13.1	13.4	13.	
	8H	12.6	12.9	13.0	13.3	13.7	12.6	12.9	13.0	13.3	13.	
	12 H	12.5	12.8	13.0	13.2	13.7	12.5	12.8	13.0	13.2	13.	
8H	4H	12.8	12.9	13.0	13.3	13.7	12.6	12.9	13.0	13.3	13.	
	θН	12.5	12.8	13.0	13.2	13.7	12.5	12.8	13.0	13.2	13.	
	8H	12.4	12.7	12.9	13.1	13.6	12.4	12.7	12.9	13.1	13.	
	12 H	12.4	12.6	12.9	13.1	13.6	12.4	12.6	12.9	13.1	13.	
12H	4H	12.5	12.8	13.0	13.2	13.7	12.5	12.8	13.0	13.2	13.	
	δН	12.4	12.7	12.9	13.1	13.6	12.4	12.7	12.9	13.1	13.	
	8H	12.4	12.6	12.9	13.1	13.8	12.4	12.8	12.9	13.1	13.	
Varia	tions wi	th the ob	serverp	osition a	at spacin	g:						
S =	1.0 H	5.1 / -13.5					5.1 / -13.5					
	1.5 H	7.9 / -14.7					7.9 / -14.7					