Reflex

iGuzzini Design iGuzzini

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ø 212

Round recessed luminaire - D=226 mm H=103 mm - neutral white - DALI ballast - general light optic with controlled luminance UGR<19

Product code

MB78

Technical description

Recessed fixed round luminaire designed to use a LED lamp. Version with rim for surface-mounting. Reflector vacuum-metallised with aluminium vapours with an anti-scratch protective layer. Die-cast aluminium body and passive dissipation system. Product complete with 2000 Im DALI LED unit in a neutral white tone 4000K and driver separate from the luminaire. Light distribution UGR<19 with controlled luminance.

Installation

Recessed using torsion springs which allow easy installation in false ceilings with thickness ranging from 1 mm to 25 mm.

Dimension (mm)

Ø226x100

Colour

White/Aluminium (39)

Weight (Kg)

1.72

Mounting

ceiling recessed

Wiring

Product complete with DALI electronic components

Complies with EN60598-1 and pertinent regulations





















Product configuration: MB78

Product characteristics

Total lighting output [Lm]: 1839.2

Total power [W]: 18.6

Luminous efficacy [Lm/W]: 98.9 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.) [%]: 92

Lamp code: LED ZVEI Code: LED Nominal power [W]: 16 Nominal luminous [Lm]: 2000

Lamp maximum intensity [cd]: /

Beam angle [°]: /

Number of lamps for optical assembly: 1

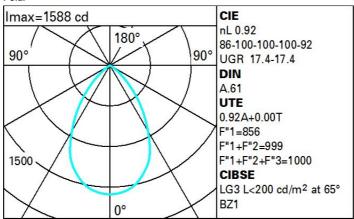
Socket:

Ballast losses [W]: 2.6 Colour temperature [K]: 4000

CRI: 80

Wavelength [Nm]: / MacAdam Step: 3

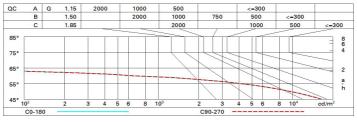
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	77	71	67	64	70	67	66	62	68
1.0	82	77	73	70	75	72	72	68	74
1.5	88	84	81	78	83	80	79	76	82
2.0	91	89	86	84	87	85	84	81	88
2.5	93	91	89	88	90	88	87	84	91
3.0	95	93	92	90	91	90	89	86	94
4.0	96	95	94	93	93	92	91	88	96
5.0	97	96	95	94	94	93	92	89	97

Luminance curve limit



UGR diagram

Rifled	nt ·											
Riflect.: 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	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30	
												viewed
		x	У		C	eiweeor	e					
2H	2H	17.9	18.6	18.2	18.9	19.1	17.9	18.6	18.2	18.9	19.1	
	ЗН	17.8	18.4	18.1	18.7	19.0	17.8	18.4	18.1	18.7	19.0	
	4H	17.7	18.3	18.0	18.6	18.9	17.7	18.3	18.1	18.6	18.9	
	бН	17.6	18.2	18.0	18.5	18.8	17.6	18.2	18.0	18.5	18.8	
	HS	17.6	18.1	18.0	18.4	18.8	17.6	18.1	18.0	18.5	18.8	
	12H	17.6	18.1	17.9	18.4	18.7	17.6	18.1	18.0	18.4	18.8	
4H	2H	17.7	18.3	18.1	18.6	18.9	17.7	18.3	18.0	18.6	18.9	
	ЗН	17.6	18.1	18.0	18.4	18.8	17.6	18.1	18.0	18.4	18.8	
	4H	17.5	17.9	17.9	18.3	18.7	17.5	17.9	17.9	18.3	18.	
	бН	17.4	17.8	17.8	18.2	18.6	17.4	17.8	17.8	18.2	18.6	
	HS	17.4	17.7	17.8	18.1	18.6	17.4	17.7	17.8	18.1	18.6	
	12H	17.3	17.6	17.8	18.1	18.5	17.3	17.6	17.8	18.1	18.5	
8Н	4H	17.4	17.7	17.8	18.1	18.6	17.4	17.7	17.8	18.1	18.6	
	6H	17.3	17.6	17.7	18.0	18.5	17.3	17.6	17.7	18.0	18.5	
	HS	17.2	17.5	17.7	17.9	18.4	17.2	17.5	17.7	17.9	18.4	
	12H	17.2	17.4	17.7	17.9	18.4	17.2	17.4	17.7	17.9	18.4	
12H	4H	17.3	17.6	17.8	18.1	18.5	17.3	17.6	17.8	18.1	18.5	
	бН	17.2	17.5	17.7	17.9	18.4	17.2	17.5	17.7	17.9	18.4	
	HS	17.2	17.4	17.7	17.9	18.4	17.2	17.4	17.7	17.9	18.4	
Varia	tions wi	th the o b	serverp	osition	at spacin	ıg:						
S =	1.0H	2.2 / -7.0					2.2 / -7.0					
	1.5H 2.0H	4.6 / -30.0					4.6 / -30.0					