Design iGuzzini

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Last information update: May 2024

Product configuration: MC35

MC35: Square recessed luminaire - 226x226 mm H=146 mm - LED neutral white - INVERTER - general light optic with controlled luminance UGR<19



Product code

MC35: Square recessed luminaire - 226x226 mm H=146 mm - LED neutral white - INVERTER - general light optic with controlled luminance UGR<19 Attention! Code no longer in production

Technical description

Recessed fixed square 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 LED unit with INVERTER in a neutral white tone 4000K and driver separate from the luminaire. General light distribution, with controlled luminance (UGR<19).

Installation

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

Colour

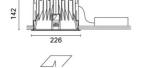
White / Aluminium (39)

Mounting

ceiling recessed

Wiring

product complete with electronic components with INVERTER



212x212









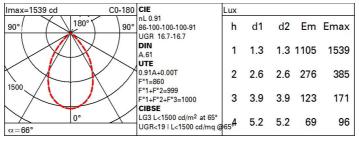




Complies with EN60598-1 and pertinent regulations

Technical data					
Im system:	1819	CRI:	80		
W system:	18.8	Colour temperature [K]:	4000		
Im source:	2000	MacAdam Step:	3		
W source:	16	Life Time LED 1:	50,000h - L80 - B10 (Ta 25°C)		
Luminous efficiency (lm/W,	96.8	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.)	91	assemblies:			

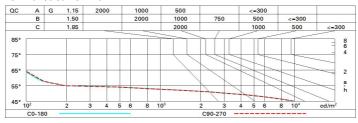
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	76	71	67	64	70	66	66	62	68
1.0	81	76	72	69	75	71	71	67	74
1.5	87	83	80	78	82	79	78	75	83
2.0	90	88	85	83	86	84	83	80	88
2.5	92	90	88	87	89	87	86	83	92
3.0	94	92	91	89	90	89	88	85	94
4.0	95	94	93	92	92	91	90	87	96
5.0	96	95	94	93	93	92	91	88	97

Luminance curve limit



00110	cted OC	n value	3 (at 200)	o im bare	e lamp lu	ımınous	TIUX)				
Rifle	et.:										
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	0.30 0.20	0.50 0.20	0.30	0.30	0.50 0.20	0.30	0.50	0.30 0.20	0.30
											0.20
		viewed crosswise					viewed				
							endwise				
2H	2H	17.2	18.0	17.5	18.2	18.4	17.2	17.9	17.5	18.2	18.
	ЗН	17.1	17.7	17.4	18.0	18.3	17.1	17.8	17.4	18.0	18.
	4H	17.0	17.6	17.3	17.9	18.2	17.0	17.6	17.4	17.9	18.
	бН	16.9	17.5	17.3	17.8	18.1	16.9	17.5	17.3	17.8	18.
	HS	16.9	17.4	17.3	17.8	18.1	16.9	17.4	17.3	17.8	18.
	12H	16.9	17.4	17.2	17.7	18.1	16.9	17.4	17.3	17.7	18.
4H	2H	17.0	17.6	17.4	17.9	18.2	17.0	17.6	17.3	17.9	18.
	3H	16.9	17.4	17.3	17.7	18.1	16.9	17.4	17.3	17.7	18.
	4H	16.8	17.2	17.2	17.6	18.0	16.8	17.2	17.2	17.6	18.
	6H	16.7	17.1	17.1	17.5	17.9	16.7	17.1	17.1	17.5	17.
	HS	16.7	17.0	17.1	17.4	17.9	16.7	17.0	17.1	17.4	17.
	12H	16.6	16.9	17.1	17.4	17.8	16.6	16.9	17.1	17.4	17.
вн	4H	16.7	17.0	17.1	17.4	17.9	16.7	17.0	17.1	17.4	17.
	6H	16.6	16.9	17.0	17.3	17.8	16.6	16.9	17.0	17.3	17.
	HS	16.5	16.8	17.0	17.2	17.7	16.5	16.8	17.0	17.2	17.
	12H	16.5	16.7	17.0	17.2	17.7	16.5	16.7	17.0	17.2	17.
12H	4H	16.6	16.9	17.1	17.4	17.8	16.6	16.9	17.1	17.4	17.
	6H	16.5	16.8	17.0	17.2	17.7	16.5	16.8	17.0	17.2	17.
	HS	16.5	16.7	17.0	17.2	17.7	16.5	16.7	17.0	17.2	17.
Varia	tions wi	th the ob	serverp	osition a	at spacin	g:					
S =	1.0H	2.9 / -18.5					2.9 / -18.7				
	1.5H	4.3 / -25.8					4.3 / -25.6				