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mill

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Λ ø 75 iGuzzini

Last information update: May 2018

Fixed circular recessed luminaire - Ø 75 mm - warm white - flood optic - UGR<19

Product code **MV84**

Technical description

Fixed round luminaire designed to use a LED lamp with C.O.B. technology. 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 LED lamp in warm white colour tone CRI90 (2700K). General light emission, with controlled luminance UGR<19 1500 cd/m2 α >65° flood optic.

Installation

Recessed using torsion springs which allow easy installation in false ceilings with thickness ranging from 1 mm to 20 mm.

Dimension (mm) Ø82x88			
Colour White/Aluminium (39)			
Weight (Kg) 0.41			

Mounting

ceiling recessed

Wiring

product complete with DALI components

	IP20	IP54	On the visible the product o	e part of once installed	
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Product configuration: MV84

Product characteristics

Total lighting output [Lm]: 778.4 Total power [W]: 10.5 Luminous efficacy [Lm/W]: 74.1 Life Time: 50,000h - L80 - B10 (Ta 25°C)

Optical assembly Characteristics Type 1

Voltage [V]: Number of optical assemblies: 1

Light Output Ratio (L.O.R.) [%]: 78 Lamp code: LED Socket: / ZVEI Code: LED Nominal power [W]: 8.4 Nominal luminous [Lm]: 1000 Lamp maximum intensity [cd]: / CRI: 90 Wavelength [Nm]: / MacAdam Step: 2 Beam angle [°]: 28°

Number of lamps for optical assembly: 1 Ballast losses [W]: 2.1 Colour temperature [K]: 2700

Emergency luminous flux [Lm]: /

Total luminous flux at or above an angle of 90° [Lm]: 0

Complies with EN60598-1 and pertinent regulations

Polar

Imax=2304 cd	CIE	Lux			
90° 180° 90°	nL 0.78 100-100-100-100-78	h	d	Em	Emax
	DIN A.61 UTE 0.78A+0.00T	2	1	464	576
	F"1=996 F"1+F"2=1000	4	2	116	144
2500	F"1+F"2+F"3=1000 CIBSE LG3 L<500 cd/m ² at 65°	6	3	52	64
α=28°		8	4	29	36

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	70	67	64	62	66	64	63	61	78
1.0	73	70	68	66	69	67	67	64	83
1.5	77	75	73	71	74	72	71	69	89
2.0	79	78	76	75	76	75	74	72	93
2.5	81	79	78	78	78	77	77	74	96
3.0	82	81	80	79	80	79	78	76	98
4.0	83	82	82	81	81	80	79	77	99
5.0	83	83	82	82	81	81	80	78	100

Luminance curve limit

QC	A	G	1.15	2	000		10	000		500				<=3	300				
	в		1.50				20	000		1000		750		50	00		<-300)	
	С		1.85							2000				10	00		500	<=:	300
85°				-		T		T	-	$\overline{\mathbf{T}}$		Éп			-	-	T		8
75°	ſ									ĹĹ	⊬	Y	+	\downarrow	-	_	-		4
65°	1			-					_	\rightarrow	\square	T	X		+		t	~	2
55°		1									\mathbf{h}	\uparrow	\checkmark				+		a h
45° 10) ²		2	3	4	5	6	8	10 ³		2	3	4	5	6	8	104	cd/m	
(CO-180) -					-				C90	-270							