Design iGuzzini

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Last information update: May 2024

## Product configuration: MV99

MV99: Fixed circular recessed luminaire - Ø125 mm - warm white - wide flood optic - UGR<19



## Product code

MV99: Fixed circular recessed luminaire - Ø125 mm - warm white - wide flood optic - UGR<19 Attention! Code no longer in production

## 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 (3000K). General light emission, with controlled luminance UGR<19 1500 cd/m2 cc>65° wide flood optic.

#### Installation

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

ColourWeight (Kg)White / Aluminium (39)1.02



o 144



## Mounting

ceiling recessed

# Wiring

product complete with an electronic ballast

Complies with EN60598-1 and pertinent regulations



IP20

IP54

On the visible part of the product once installed





**3**03



80







Technical data								
lm system:								
W cyctom:								

0,0.0	1000
W system:	15.4
Im source:	2050
W source:	13
Luminous efficiency (lm/W, real value):	107.8
Im in emergency mode:	-
Total light flux at or above an angle of 90° [Lm]:	0
Light Output Ratio (L.O.R.) [%]:	81
Beam angle [°]:	64°

1659

Colour temperature [K]: 3000

MacAdam Step: 2

Life Time LED 1: > 50,000h - L80 - B10 (Ta 25°C)

Lamp code: LED

Number of lamps for optical 1

assembly:

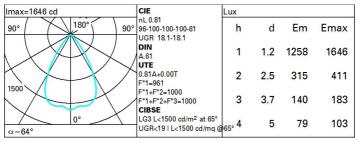
ZVEI Code: LED

Number of optical 1

assemblies:

CRI (minimum):

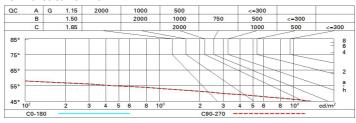
## Polar



# **Utilisation factors**

R	77	75	73	71	55	53	33	00	DRR
K0.8	72	68	65	63	67	64	64	61	76
1.0	75	72	69	67	71	68	68	65	81
1.5	79	77	74	73	76	74	73	70	87
2.0	82	80	78	77	79	77	77	74	92
2.5	84	82	81	80	81	80	79	77	95
3.0	85	84	83	82	82	81	80	78	97
4.0	86	85	84	84	83	83	82	80	98
5.0	86	86	85	85	84	84	82	80	99

## Luminance curve limit



Rifled ceil/c	et e					800000000000000000000000000000000000000	flux)				
	J C										
walls	av	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
work pl.		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Roon	n dim	6000000		viewed			100,000,000		viewed		
X	У		(	crosswis	e				endwise	47	
2H	2H	18.7	19.3	19.0	19.5	19.7	18.7	19.3	19.0	19.5	19.
	ЗН	18.5	19.1	18.9	19.3	19.6	18.5	19.1	18.9	19.3	19.
	4H	18.5	19.0	18.8	19.3	19.6	18.5	19.0	18.8	19.3	19.
	бН	18.4	18.8	18.7	19.2	19.5	18.4	18.8	18.7	19.2	19.
	нв	18.4	18.8	18.7	19.1	19.5	18.4	18.8	18.7	19.1	19.
	12H	18.3	18.7	18.7	19.1	19.4	18.3	18.7	18.7	19.1	19.
4H	2H	18.5	19.0	18.8	19.3	19.6	18.5	19.0	18.8	19.3	19.
	ЗН	18.3	18.7	18.7	19.1	19.4	18.3	18.7	18.7	19.1	19.
	4H	18.2	18.6	18.6	19.0	19.4	18.2	18.6	18.6	19.0	19.
	бН	18.1	18.5	18.6	18.9	19.3	18.1	18.5	18.6	18.9	19.
	HS	18.1	18.4	18.5	18.8	19.2	18.1	18.4	18.5	18.8	19.
	12H	18.0	18.3	18.5	18.7	19.2	18.0	18.3	18.5	18.7	19.
вн	4H	18.1	18.4	18.5	18.8	19.2	18.1	18.4	18.5	18.8	19.
	6H	18.0	18.2	18.5	18.7	19.2	18.0	18.2	18.5	18.7	19.
	HS	17.9	18.2	18.4	18.6	19.1	17.9	18.2	18.4	18.6	19.
	12H	17.9	18.1	18.4	18.6	19.1	17.9	18.1	18.4	18.6	19.
12H	4H	18.0	18.3	18.5	18.7	19.2	18.0	18.3	18.5	18.7	19.
	бН	17.9	18.2	18.4	18.6	19.1	17.9	18.2	18.4	18.6	19.
	HS	17.9	18.1	18.4	18.6	19.1	17.9	18.1	18.4	18.6	19.
Varia	tions wi	th the ob	serverp	noitieo	at spacin	g:					
S =	1.0H	4.7 / -26.2					4.7 / -26.2				
	1.5H	7.5 / -31.2					7.5 / -31.2				