

## Reflex

Design iGuzzini

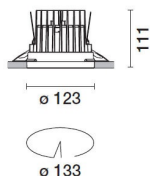
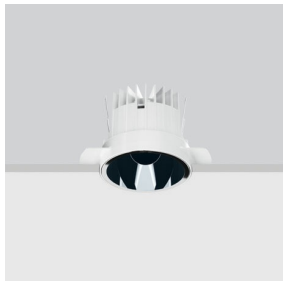
iGuzzini

Last information update: October 2023

### Product configuration: MV64+PA55.01

MV64: Fixed circular recessed luminaire - Ø125 mm - warm white - flood optic - UGR<19

PA55.01: Minimal flange - White



#### Product code

MV64: Fixed circular recessed luminaire - Ø125 mm - warm white - 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 without rim for mounting flush with ceiling. 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/m<sup>2</sup> α>65° flood optic.

#### Installation

Installation flush with the ceiling is for false ceilings 12.5 mm thick

#### Colour

Aluminium (12)

#### Weight (Kg)

1.08

#### Mounting

ceiling recessed

#### Wiring

product complete with DALI components

Complies with EN60598-1 and pertinent regulations



#### Accessory code

PA55.01: Minimal flange - White **Attention! Code no longer in production**

#### Technical description

Adapter for plasterboard false ceilings and rapid flush with ceiling installations, specifically for fixed and wall washer Reflex recessed luminaires. Made of plastic with a border for limiting plaster and holes for installation with screws and anchors suitable for plasterboard (included). Fastening the adapter to the installation surface does not require predefined panel thicknesses.

#### Installation

Preparation hole Ø 133 mm. Fastening the perforated perimeter rim to the installation surface (fixing screws included) - subsequent operations including filling, smoothing to the reference border and finishing - final insertion of the recessed luminaire (separate code) in the adapter.

#### Colour

White (01)

#### Weight (Kg)

0.06

#### Mounting

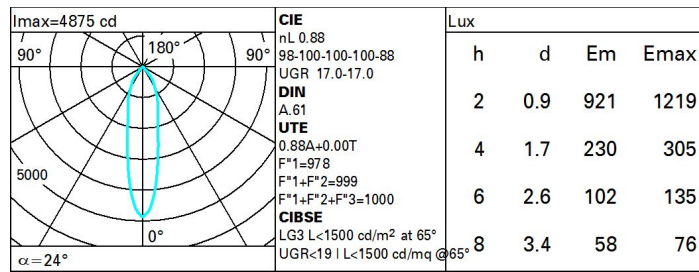
ceiling recessed

Complies with EN60598-1 and pertinent regulations

#### Technical data

Im system:	1801	Colour temperature [K]:	3000
W system:	15.1	MacAdam Step:	2
Im source:	2050	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
W source:	13	Ballast losses [W]:	2.1
Luminous efficiency (Im/W, real value):	119.3	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	0	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	88	Number of optical assemblies:	1
Beam angle [°]:	24°	Control:	DALI
CRI (minimum):	80		

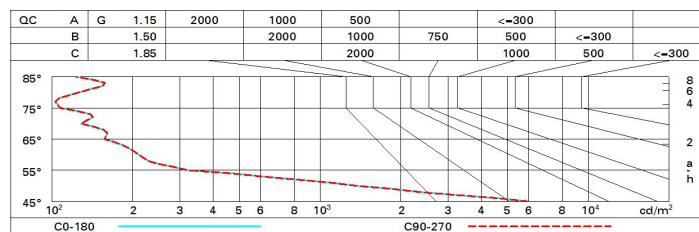
# Polar



# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	79	74	71	69	74	71	70	68	77
1.0	82	78	76	73	77	75	75	72	82
1.5	86	84	81	79	83	81	80	77	88
2.0	89	87	85	84	86	84	83	81	92
2.5	91	89	88	87	88	87	86	84	95
3.0	92	91	90	89	89	89	88	85	97
4.0	93	92	92	91	91	90	89	87	99
5.0	94	93	93	92	92	91	90	88	100

# Luminance curve limit



# UGR diagram

Corrected UGR values (at 2050 lm bare lamp luminous flux)												
Reflect.: ceiling/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	0.30
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30	0.30
		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
		viewed crosswise					viewed endwise					
2H	2H	17.6	18.2	17.8	18.5	18.7	17.6	18.2	17.8	18.5	18.7	
	3H	17.4	18.0	17.7	18.3	18.6	17.4	18.0	17.7	18.3	18.6	
	4H	17.3	17.9	17.7	18.2	18.5	17.3	17.9	17.7	18.2	18.5	
	6H	17.3	17.8	17.6	18.1	18.4	17.3	17.8	17.6	18.1	18.4	
	8H	17.2	17.7	17.6	18.0	18.4	17.2	17.7	17.6	18.0	18.4	
	12H	17.2	17.7	17.6	18.0	18.3	17.2	17.7	17.6	18.0	18.3	
4H	2H	17.3	17.9	17.7	18.2	18.5	17.3	17.9	17.7	18.2	18.5	
	3H	17.2	17.7	17.6	18.0	18.3	17.2	17.7	17.6	18.0	18.3	
	4H	17.1	17.5	17.5	17.9	18.3	17.1	17.5	17.5	17.9	18.3	
	6H	17.0	17.4	17.4	17.8	18.2	17.0	17.4	17.4	17.8	18.2	
	8H	17.0	17.3	17.4	17.7	18.1	17.0	17.3	17.4	17.7	18.1	
	12H	16.9	17.2	17.4	17.6	18.1	16.9	17.2	17.4	17.6	18.1	
8H	4H	17.0	17.3	17.4	17.7	18.1	17.0	17.3	17.4	17.7	18.1	
	6H	16.9	17.1	17.3	17.6	18.1	16.9	17.1	17.3	17.6	18.1	
	8H	16.8	17.1	17.3	17.5	18.0	16.8	17.1	17.3	17.5	18.0	
	12H	16.8	17.0	17.3	17.5	18.0	16.8	17.0	17.3	17.5	18.0	
12H	4H	16.9	17.2	17.4	17.6	18.1	16.9	17.2	17.4	17.6	18.1	
	6H	16.8	17.1	17.3	17.5	18.0	16.8	17.1	17.3	17.5	18.0	
	8H	16.8	17.0	17.3	17.5	18.0	16.8	17.0	17.3	17.5	18.0	
Variations with the observer position at spacing:												
S =		1.0H	4.4 / -24.6				4.4 / -24.6					
		1.5H	7.2 / -25.8				7.2 / -25.8					
		2.0H	9.2 / -26.2				9.2 / -26.2					