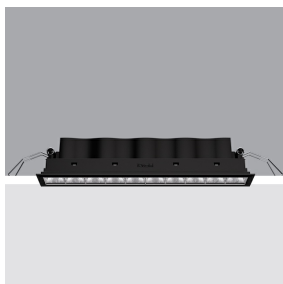


## iGuzzini

**Product configuration: MK52.83**

MK52.83: 10 - cell Recessed luminaire - LED Neutral white Flood optic - 23.5W 1683.5lm - 4000K - CRI 95 - Black Transparent



## Product code

MK52.83: 10 - cell Recessed luminaire - LED Neutral white Flood optic - 23.5W 1683.5lm - 4000K - CRI 95 - Black Transparent

### Technical description

rectangular miniaturised recessed luminaire with 10 optical elements with LED lamps - fixed optics - flood beam angle. Main body with die-cast aluminium radiant surface, version with perimeter surface frame. Metallised thermoplastic high definition optics, integrated in a rear position in the black anti-glare screen; the structure of the optical system prevents a pinpoint effect, allowing precise, circular light distribution and emission with controlled glare . Supplied with DALI dimmable electronic control gear connected to the luminaire. Neutral white high colour rendering LED.

## Installation

recessed with steel wire springs for false ceilings from 1 to 25 mm thick - preparation hole 37 x 274

**Colour**

Black Transparent (83)

## Weight (Kg)

0.65

## Mounting

mounting  
wall recessed ceiling recessed

## Wiring

**Wiring**  
on control gear box with quick-coupling connections

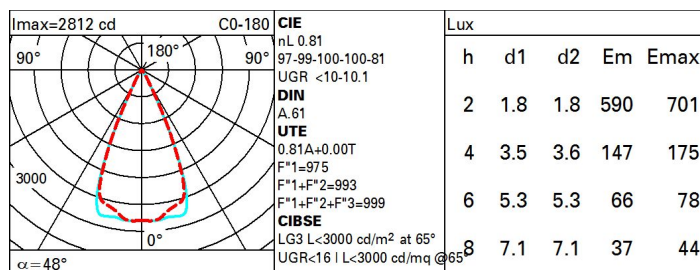
Complies with EN60598-1 and pertinent regulations



## Technical data

Im system:	1620	CRI (typical):	97
W system:	24.5	Colour temperature [K]:	4000
Im source:	2000	MacAdam Step:	3
W source:	21	Life Time LED 1:	50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (Im/W, real value):	66.1	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.) [%]:	81	Number of optical assemblies:	1
Beam angle [°]:	48°	Control:	DALI-2
CRI (minimum):	95		

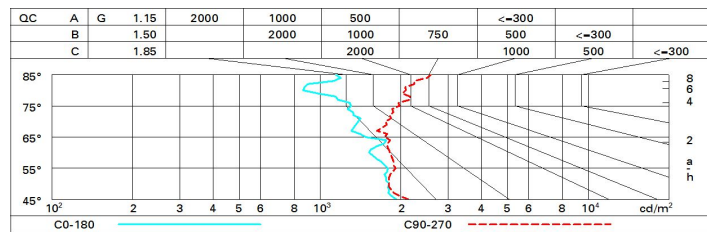
## Polar



# Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	72	68	66	63	68	65	65	62	77
1.0	76	72	69	68	71	69	69	66	81
1.5	80	77	75	73	76	74	73	71	87
2.0	82	80	79	77	79	78	77	74	92
2.5	84	82	81	80	81	80	79	77	95
3.0	85	84	83	82	82	82	81	79	97
4.0	86	85	84	84	84	83	82	80	99
5.0	86	86	85	85	84	84	83	81	100

# Luminance curve limit



# UGR diagram

Corrected UGR values (at 2000 lm bare lamp luminous flux)											
Reflect.: ceiling walls work pl. Room dim x y		viewed crosswise					viewed endwise				
2H	2H	8.0	9.1	8.9	9.4	9.6	9.2	9.7	9.5	10.0	10.2
	3H	8.8	9.3	9.1	9.5	9.8	9.3	9.7	9.6	10.0	10.3
	4H	8.9	9.3	9.2	9.6	9.9	9.3	9.7	9.6	10.0	10.3
	6H	8.9	9.3	9.3	9.6	9.9	9.2	9.6	9.6	9.9	10.3
	8H	8.9	9.3	9.3	9.6	9.9	9.2	9.6	9.6	9.9	10.2
	12H	8.9	9.3	9.3	9.6	10.0	9.2	9.5	9.5	9.9	10.2
4H	2H	8.7	9.2	9.1	9.4	9.7	9.7	10.1	10.0	10.4	10.7
	3H	9.0	9.4	9.4	9.7	10.1	10.0	10.3	10.3	10.7	11.0
	4H	9.2	9.5	9.6	9.9	10.3	10.1	10.4	10.5	10.8	11.1
	6H	9.3	9.6	9.7	10.0	10.4	10.1	10.4	10.5	10.8	11.2
	8H	9.3	9.6	9.7	10.0	10.4	10.1	10.4	10.5	10.8	11.2
	12H	9.3	9.5	9.8	10.0	10.4	10.1	10.3	10.5	10.7	11.2
8H	4H	9.3	9.5	9.7	10.0	10.4	10.5	10.8	11.0	11.2	11.6
	6H	9.4	9.6	9.9	10.1	10.6	10.7	10.9	11.2	11.4	11.8
	8H	9.4	9.6	9.9	10.1	10.6	10.8	10.9	11.2	11.4	11.9
	12H	9.5	9.7	10.0	10.1	10.7	10.8	10.9	11.3	11.4	11.9
12H	4H	9.3	9.5	9.7	9.9	10.4	10.7	10.9	11.1	11.4	11.8
	6H	9.4	9.6	9.9	10.1	10.6	10.9	11.1	11.4	11.6	12.1
	8H	9.5	9.6	10.0	10.1	10.6	11.0	11.2	11.5	11.7	12.2
Variations with the observer position at spacing:											
S =		1.0H					2.6 / -2.5				
		1.5H					4.5 / -2.8				
		2.0H					6.3 / -3.6				
							1.7 / -1.7				
							3.2 / -2.0				
							4.8 / -2.4				