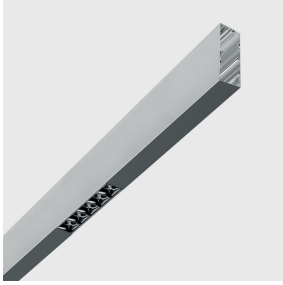
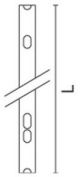
iN30

Design iGuzzini **iGuzzini**

Last information update: July 2025

Product configuration: MJ61
MJ61: High Contrast module L=1197 - direct emission with controlled glare - LED - warm white integrated DALI dimmable control gear





Product code
MJ61: High Contrast module L=1197 - direct emission with controlled glare - LED - warm white integrated DALI dimmable control gear

Technical description
direct emission modular lighting system. High Contrast module with 2 groups of 5 elements using fixed optic LED lamps - flood beam angle. The structure of the optical system produces light emission with controlled glare (UGR < 19). Minimal (frameless) version extruded aluminium profile; partial black methacrylate screens set up for connection to end caps on both sides. Installation can be surface-mounted (ceiling/wall), or pendant. The module must be completed with the accessories kit needed for the selected type of installation. DALI dimmable electronic control gear integrated in the luminaire.

Installation
pendant: complete with power supply unit with cable (MWG5) and suspension cables (MWG6); surface-mounted: complete with supports (MWG7).

Colour
White (01) | Black (04) | Aluminium (12)

Weight (Kg)
2.02

Mounting
ceiling recessed|ceiling surface|ceiling pendant

Wiring
the module is fitted with 5-pin terminal blocks for pass-through wiring at the ends. DALI dimmable control gear integrated in the module.

Notes
High Contrast modules may be completed with accessory end caps (code MX80) and used independently in the various applications. To make continuous lines, use accessory code MX81 with partial screen suitable for overlapping with other modules. Possibility of combined High Contrast / Low Contrast
TPb rated.

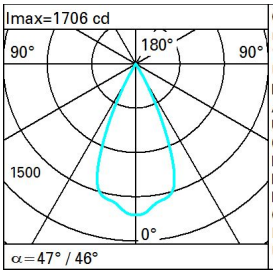
Complies with EN60598-1 and pertinent regulations

IP20

Technical data

lm system:	1782	CRI (typical):	92
W system:	23.5	Colour temperature [K]:	3000
lm source:	1100	MacAdam Step:	3
W source:	9.9	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	75.8	Lamp code:	LED
lm 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:	2
Beam angle [°]:	47° / 46°	Control:	DALI-2
CRI (minimum):	90		

Polar



CIE
nL 0.81
100-100-100-100-81
UGR <10-<10
DIN
A.61
UTE
0.81A+0.00T
F"1=1000
F"1+F"2=1000
F"1+F"2+F"3=1000
CIBSE
LG3 L<1500 cd/m² at 65°
UGR<10 | L<1500 cd/mq @65°

Lux

h	d	Em	Emax
2	1.7	347	426
4	3.5	87	107
6	5.2	39	47
8	7	22	27

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	73	70	67	65	69	66	66	64	78
1.0	76	73	71	69	72	70	70	67	83
1.5	80	78	76	74	77	75	74	72	89
2.0	83	81	79	78	80	78	78	75	93
2.5	84	83	82	81	82	81	80	78	96
3.0	85	84	83	83	83	82	81	79	98
4.0	86	85	85	84	84	84	82	81	99
5.0	87	86	86	86	85	84	83	81	100

UGR diagram

Corrected UGR values (at 1100 lm bare lamp luminous flux)

Riflect.:											
ceil/cav		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls		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
Room dim				viewed					viewed		
x	y			crosswise					endwise		
2H	2H	0.8	1.2	1.0	1.5	1.7	0.8	1.2	1.0	1.5	1.7
	3H	0.6	1.1	0.9	1.3	1.6	0.6	1.1	0.9	1.3	1.6
	4H	0.6	1.0	0.9	1.2	1.5	0.6	1.0	0.9	1.2	1.5
	6H	0.5	0.9	0.8	1.2	1.5	0.5	0.9	0.8	1.2	1.5
	8H	0.5	0.8	0.8	1.1	1.5	0.5	0.8	0.8	1.1	1.5
	12H	0.4	0.8	0.8	1.1	1.4	0.4	0.8	0.8	1.1	1.4
4H	2H	0.6	1.0	0.9	1.2	1.5	0.6	1.0	0.9	1.2	1.5
	3H	0.4	0.8	0.8	1.1	1.4	0.4	0.8	0.8	1.1	1.4
	4H	0.3	0.6	0.7	1.0	1.4	0.3	0.6	0.7	1.0	1.4
	6H	0.2	0.5	0.7	0.9	1.3	0.2	0.5	0.7	0.9	1.3
	8H	0.2	0.4	0.6	0.8	1.3	0.2	0.4	0.6	0.8	1.3
	12H	0.1	0.4	0.6	0.8	1.2	0.1	0.4	0.6	0.8	1.2
8H	4H	0.2	0.4	0.6	0.8	1.3	0.2	0.4	0.6	0.8	1.3
	6H	0.1	0.3	0.6	0.7	1.2	0.1	0.3	0.6	0.7	1.2
	8H	0.0	0.2	0.5	0.7	1.2	0.0	0.2	0.5	0.7	1.2
	12H	-0.0	0.1	0.5	0.6	1.1	-0.0	0.1	0.5	0.6	1.1
12H	4H	0.1	0.4	0.6	0.8	1.2	0.1	0.4	0.6	0.8	1.2
	6H	0.0	0.2	0.5	0.7	1.2	0.0	0.2	0.5	0.7	1.2
	8H	-0.0	0.1	0.5	0.6	1.1	-0.0	0.1	0.5	0.6	1.1

Variations with the observer position at spacing:

S =	1.0H	6.8 / -21.9	6.8 / -21.9
	1.5H	9.7 / -22.0	9.7 / -22.0
	2.0H	11.7 / -22.2	11.7 / -22.2