Manuals+ — User Manuals Simplified.

iGuzzini MJ50 Initial Module Owner's Manual

Contents

iN30

Design iGuzzini   iGuzzini
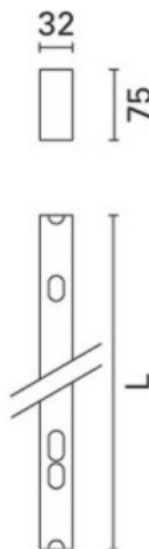
Last information update: September 2024

Product configuration: MJ50

MJ50: initial module L 1197 – Low Contrast – direct emission – LED – warm white integrated DALI dimmable control gear

Product code

MJ50: initial module L 1197 – Low Contrast – direct emission – LED – warm white integrated DALI dimmable control gear

Technical description

direct emission modular lighting system with LED lamps. Initial module for general lighting (Low Contrast); can be used independently or in a continuous line. Minimal (frameless) version extruded aluminium single length profile; methacrylate opal screen set up for connection to end caps on both sides. Installation can be recessed, 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. Warm white high efficiency LED.

Installation

pendant: complete with power supply unit with cable (MWG5) and suspension cables (MWG6); surface-mounted: complete with supports (MWG7); recessed: after making the preparation slot, use the special supports to install in the false ceiling (MWG8).

Colour

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

Weight (Kg)

2.1

Mounting

ceiling recessed|ceiling surface|ceiling pendant

Wiring

the module is fitted with 5-pin terminal blocks for pass-through wiring at the ends; the accessory power supply unit code MWG5 has a fixing plate with 5-pin terminal block for connection to the main power supply. DALI dimmable control gear integrated in the module.

Notes

initial modules may be completed with accessory end caps (MX80) and used independently in the various applications. To make continuous lines of lighting, use the intermediate modules. To correctly complete a continuous line, always use an initial module at the start or end of the structure.

Complies with EN60598-1 and pertinent regulations

Technical data

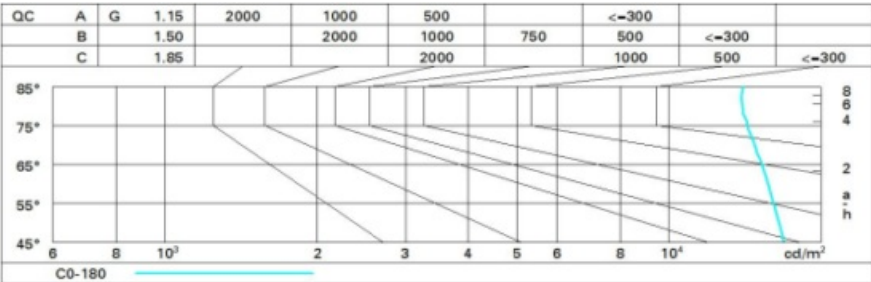|	
lm system:	1879
W system:	19
lm source:	2450
W source:	16
Luminous efficiency (lm/W, real value):	98.9
lm in emergency mode:	–
Total light flux at or above an angle of 90° [Lm]:	0
Light Output Ratio (L.O.R.) [%]:	77
CRI (minimum):	80
Colour temperature [K]:	3000
MacAdam Step:	3
Life Time LED 1:	50,000h – L80 – B10 (Ta 25°C)
Lamp code:	LED
Number of lamps for optical assembly:	1
ZVEI Code:	LED
Number of optical assemblies:	1
Power factor:	See installation instructions
Inrush current:	13.6 A / 304 µs
Overvoltage protection:	2kV Common mode & 1kV Differential mode
Control:	DALI-2

Polar

Imax=677 cd

CIE
nL 0.77
47-78-95-100-77
DIN
A.41
UTE
0.77E+0.00T
F"1=471
F"1+F"2=778
F"1+F"2+F"3=947
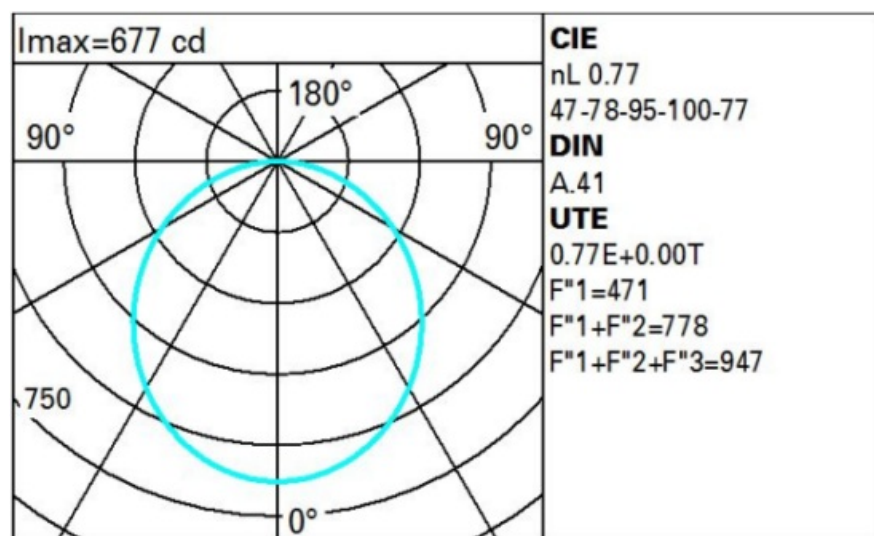
Utilisation factors
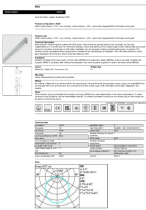
R	77	75	73	71	55	53	33	00	DRR
K0.8	50	42	36	32	41	36	35	30	39
1.0	55	48	42	38	46	41	41	35	46
1.5	63	57	52	48	55	51	50	45	59
2.0	68	63	58	55	61	57	56	52	67
2.5	71	66	63	60	65	61	60	56	73
3.0	73	69	66	63	67	64	63	59	77
4.0	75	72	70	67	70	68	67	63	82
5.0	77	74	72	70	72	70	69	66	85

Luminance curve limit

QC	A	G	1.15	2000	1000	500		<-300		
	B		1.50		2000	1000	750	500	<-300	
	C		1.85			2000		1000	500	<-300

C0-180

MJ50_EN

Documents / Resources

[iGuzzini MJ50 Initial Module](#) [pdf] Owner's Manual
MJ50 Initial Module, MJ50, Initial Module, Module

References

- **[User Manual](#)**