iGuzzini

Last information update: May 2018







Colour Aluminium (12)

Installation

supports (MWG7).

Dimension (mm) 1197x32x75

Product code

Technical description

N933

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.

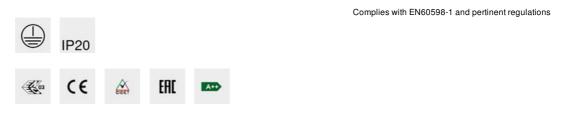
High Contrast module L=1197 - direct emission with controlled glare - neutral white integrated DALI dimmable control gear

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. Neutral white high efficiency LED.

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

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



Product configuration: N933

Product characteristics Total lighting output [Lm]: 1575.7 Total power [W]: 28 Luminous efficacy [Lm/W]: 56.3 Life Time: 50,000h - L90 - B10 (Ta 25°C)

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 83 Lamp code: LED ZVEI Code: LED Nominal power [W]: 10 Nominal luminous [Lm]: 950 Lamp maximum intensity [cd]: / Beam angle [°]: 48° Total luminous flux at or above an angle of 90 $^\circ$ [Lm]: 0 Emergency luminous flux [Lm]: / Voltage [V]: - Number of optical assemblies: 2

Number of lamps for optical assembly: 1 Socket: / Ballast losses [W]: 4 Colour temperature [K]: 4000 CRI: 95 Wavelength [Nm]: / MacAdam Step: 3

Polar

Imax=1395 cd	CIE	Lux			
90° 180° 90°	nL 0.83 100-100-100-100-83 UGR <10-<10	h	d	Em	Emax
	DIN A.61	1	0.9	1168	1392
1500	UTE 0.83A+0.00T F"1=999	2	1.8	292	348
	F"1+F"2=1000 F"1+F"2+F"3=1000 CIBSE	3	2.7	130	155
α=48°	LG3 L<200 cd/m² at 65° BZ1	4	3.6	73	87

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	75	71	68	66	70	68	68	65	78
1.0	78	75	72	70	74	72	71	69	83
1.5	82	79	77	76	79	77	76	74	89
2.0	85	83	81	80	82	80	79	77	93
2.5	86	85	84	83	84	83	82	79	96
3.0	87	86	85	85	85	84	83	81	98
4.0	88	87	87	86	86	86	84	82	99
5.0	89	88	88	88	87	86	85	83	100

UGR diagram

	ct.:										
ce il/c		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls work pl.		0.50	0.30	0.50 0.20	0.30	0.30	0.50	0.30	0.50	0.30	0.30
								0.20	0.20		
Room dim		viewed					viewed				
x	У		0	eiweeor	e		endwise				
2H	2H	1.6	2.0	1.8	2.3	2.5	1.6	2.0	1.8	2.3	2.5
	ЗН	1.4	1.9	1.7	2.1	2.4	1.4	1.9	1.7	2.1	2.
	4H	1.4	1.8	1.7	2.0	2.3	1.4	1.8	1.7	2.0	2.3
	6H	1.3	1.7	1.6	2.0	2.3	1.3	1.7	1.6	2.0	2.3
	BH	1.2	1.6	1.6	1.9	2.3	1.2	1.6	1.6	1.9	2.
	12H	1.2	1.6	1.6	1.9	2.2	1.2	1.6	1.6	1.9	2.2
4H	2H	1.4	1.8	1.7	2.0	2.3	1.4	1.8	1.7	2.0	2.
	ЗH	1.2	1.6	1.6	1.9	2.2	1.2	1.6	1.6	1.9	2.2
	4H	1.1	1.4	1.5	1.8	2.2	1.1	1.4	1.5	1.8	2.2
	6H	1.0	1.3	1.5	1.7	2.1	1.0	1.3	1.5	1.7	2.
	8H	1.0	1.2	1.4	1.6	2.1	1.0	1.2	1.4	1.6	2.
	12H	0.9	1.2	1.4	1.6	2.0	0.9	1.2	1.4	1.6	2.
вн	4H	1.0	1.2	1.4	1.6	2.1	1.0	1.2	1.4	1.6	2.
	6H	0.9	1.1	1.4	1.5	2.0	0.9	1.1	1.4	1.5	2.0
	HS	8.0	1.0	1.3	1.5	2.0	8.0	1.0	1.3	1.5	2.0
	12H	8.0	0.9	1.3	1.4	1.9	8.0	0.9	1.3	1.4	1.9
12H	4H	0.9	1.2	1.4	1.6	2.0	0.9	1.2	1.4	1.6	2.0
	6H	8.0	1.0	1.3	1.5	2.0	8.0	1.0	1.3	1.5	2.0
	8H	8.0	0.9	1.3	1.4	1.9	8.0	0.9	1.3	1.4	1.9
Varia	tions wi	th the ol	oserverp	osition	at spacir	ig:					
S =	1.0H	6.9 / -18.0					6.9 / -18.0				
	1.5H	9.7 / -18.3					9.7 / -18.3				