

iGuzzini

Product configuration: N172.01

Product code

Technical description

Installation

Weight (Kg)

1.5

Mounting

wall recessed|ceiling recessed

Wiring

Quick-fit power supply connection to terminal block. Digital electronic cabling that allows dimming to be performed with DALI protocol or a pushbutton switch (DIM SWITCH).

Notes

The product with its white finish (01) includes optic rings for limiting luminance; a feature that renders a performance of $UGR < 19$ and determines slight variations in the opening of the optics (52°) and yield (0.74).

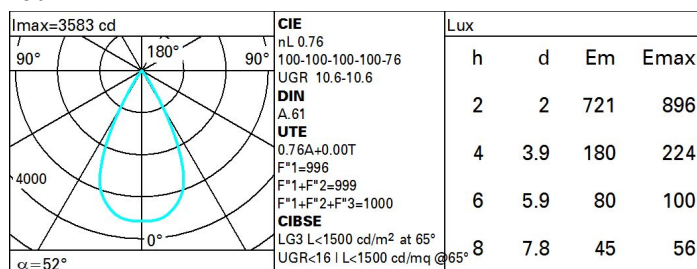
Complies with EN60598-1 and pertinent regulations



Technical data

Im system:	2393	Voltage [Vin]:	230
W system:	28.4	Lamp code:	LED
Im source:	3150	Number of lamps for optical assembly:	1
W source:	25	ZVEI Code:	LED
Luminous efficiency (Im/W, real value):	84.3	Number of optical assemblies:	1
Im in emergency mode:	-	Power factor:	See installation instructions
Total light flux at or above an angle of 90° [Lm]:	0	Inrush current:	10 A / 200 µs
Light Output Ratio (L.O.R.) [%]:	76	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 18 luminaires B16A: 30 luminaires C10A: 31 luminaires C16A: 51 luminaires
Beam angle [°]:	52°	Minimum dimming %:	1
CRI (minimum):	90	Overvoltage protection:	5kV Common mode & 4kV Differential mode
Colour temperature [K]:	2700	Dimming mode:	CCR
MacAdam Step:	2	Control:	DALI
Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)		

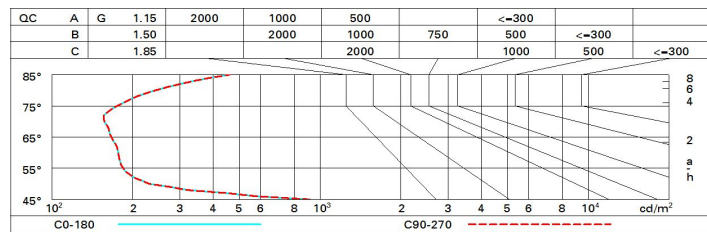
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	69	65	63	61	64	62	62	59	78
1.0	72	68	66	64	68	66	65	63	83
1.5	75	73	71	69	72	70	69	67	88
2.0	77	76	74	73	75	73	73	71	93
2.5	79	78	77	76	76	76	75	73	96
3.0	80	79	78	77	78	77	76	74	98
4.0	81	80	80	79	79	78	77	75	99
5.0	81	81	80	80	79	79	78	76	100

Luminance curve limit



UGR diagram

Corrected UGR values (at 3150 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
2H	2H	11.1	11.0	11.4	11.8	12.0	11.1	11.0	11.4	11.8	12.0
	3H	11.0	11.4	11.3	11.6	11.9	11.0	11.4	11.3	11.6	11.9
	4H	10.9	11.3	11.3	11.6	11.9	10.9	11.3	11.2	11.6	11.9
	6H	10.9	11.2	11.2	11.5	11.8	10.8	11.2	11.2	11.5	11.8
	8H	10.8	11.1	11.2	11.5	11.8	10.8	11.1	11.2	11.5	11.8
	12H	10.8	11.1	11.2	11.4	11.8	10.8	11.1	11.1	11.4	11.8
4H	2H	10.9	11.3	11.2	11.6	11.9	10.9	11.3	11.3	11.6	11.9
	3H	10.8	11.1	11.1	11.4	11.8	10.8	11.1	11.1	11.4	11.8
	4H	10.7	11.0	11.1	11.3	11.7	10.7	11.0	11.1	11.3	11.7
	6H	10.6	10.8	11.0	11.2	11.7	10.6	10.8	11.0	11.2	11.7
	8H	10.6	10.8	11.0	11.2	11.6	10.6	10.8	11.0	11.2	11.6
	12H	10.5	10.7	11.0	11.1	11.6	10.5	10.7	11.0	11.1	11.6
8H	4H	10.6	10.8	11.0	11.2	11.6	10.6	10.8	11.0	11.2	11.6
	6H	10.5	10.6	10.9	11.1	11.6	10.5	10.7	10.9	11.1	11.6
	8H	10.4	10.6	10.9	11.0	11.5	10.4	10.6	10.9	11.0	11.5
	12H	10.4	10.5	10.9	11.0	11.5	10.4	10.5	10.9	11.0	11.5
12H	4H	10.5	10.7	11.0	11.1	11.6	10.5	10.7	11.0	11.1	11.6
	6H	10.4	10.6	10.9	11.0	11.5	10.4	10.6	10.9	11.0	11.5
	8H	10.4	10.5	10.9	11.0	11.5	10.4	10.5	10.9	11.0	11.5
Variations with the observer position at spacing:											
S =		1.0H					0.5 / -15.1				
		1.5H					9.3 / -15.3				
		2.0H					11.3 / -15.5				