

Deep Laser

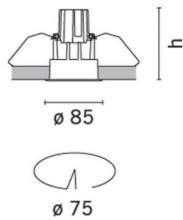
Design iGuzzini

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Last information update: June 2023

Product configuration: M955

M955: medium body, Frame installation 6 LED neutral white medium



Product code

M955: medium body, Frame installation 6 LED neutral white medium **Attention! Code no longer in production**

Technical description

Fixed round recessed luminaire designed to use a 6X1,5W LED lamp in neutral white (4200°K) with medium optic. Recessed item with rim consisting of a single die-cast aluminium body. The upper part is a heat sink which helps to carry away the heat given off by the lamp. LED optics with a single lens made of thermoplastic material. Lamp set back 40 mm for greater visual comfort.

Installation

Recessed using springs which allow easy installation in false ceilings with thickness ranging from 1 mm to 30 mm

Colour

White (01) | Grey (15)

Mounting

wall recessed|ceiling recessed

Wiring

product complete with electronic components

Complies with EN60598-1 and pertinent regulations



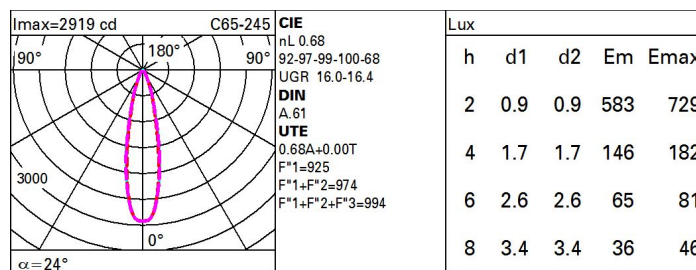
IP23



Technical data

lm system:	748	CRI (minimum):	80
W system:	10	Colour temperature [K]:	4000
lm source:	1100	Life Time LED 1:	> 50,000h - L80 - B10 (Ta 25°C)
W source:	8.7	Ballast losses [W]:	1.3
Luminous efficiency (lm/W, real value):	74.8	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.) [%]:	68	Number of optical assemblies:	1
Beam angle [°]:	24°		

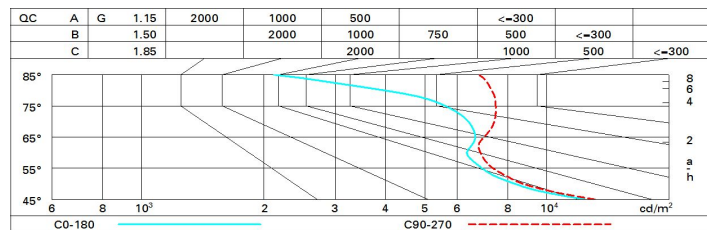
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	59	55	53	51	55	52	52	50	73
1.0	62	59	56	54	58	56	55	53	78
1.5	66	63	61	59	62	61	60	58	85
2.0	68	66	65	63	65	64	63	61	90
2.5	70	68	67	66	67	66	65	63	93
3.0	71	69	68	68	68	67	67	65	95
4.0	72	71	70	69	69	69	68	66	97
5.0	72	71	71	70	70	70	69	67	98

Luminance curve limit



UGR diagram

Corrected UGR values (at 1100 lm bare lamp luminous flux)											
Riflect.: ceil/cav walls work pl. Room dim x y		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
		viewed crosswise					viewed endwise				
2H	2H	14.1	15.9	14.4	16.2	16.5	14.1	15.9	14.4	16.2	16.5
	3H	14.9	16.4	15.3	16.7	17.0	14.3	15.7	14.7	16.0	16.4
	4H	15.3	16.5	15.7	16.9	17.2	14.4	15.6	14.8	15.9	16.3
	6H	15.5	16.6	15.9	16.9	17.3	14.4	15.5	14.8	15.8	16.2
	8H	15.6	16.6	16.0	16.9	17.3	14.4	15.4	14.8	15.8	16.2
	12H	15.5	16.6	15.9	16.9	17.3	14.4	15.4	14.8	15.8	16.1
4H	2H	14.4	15.6	14.8	15.9	16.3	15.8	17.0	16.1	17.3	17.7
	3H	15.5	16.5	15.9	16.9	17.3	16.3	17.3	16.7	17.7	18.0
	4H	16.0	17.0	16.4	17.4	17.8	16.5	17.5	16.9	17.9	18.3
	6H	16.1	17.6	16.5	18.0	18.5	16.5	18.0	16.9	18.4	18.9
	8H	16.0	17.7	16.5	18.2	18.6	16.4	18.1	16.9	18.6	19.1
	12H	16.0	17.7	16.5	18.2	18.7	16.4	18.1	16.9	18.6	19.1
8H	4H	15.9	17.6	16.4	18.1	18.6	17.1	18.8	17.6	19.3	19.8
	6H	16.3	17.9	16.8	18.4	18.9	17.5	19.1	18.0	19.6	20.1
	8H	16.4	17.9	17.0	18.4	18.9	17.6	19.0	18.1	19.5	20.1
	12H	16.6	17.6	17.2	18.1	18.6	17.8	18.8	18.4	19.3	19.9
12H	4H	15.9	17.7	16.4	18.1	18.7	17.3	19.0	17.8	19.5	20.0
	6H	16.4	17.9	16.9	18.3	18.9	17.7	19.1	18.2	19.6	20.2
	8H	16.7	17.7	17.2	18.2	18.7	18.1	19.0	18.6	19.5	20.1
Variations with the observer position at spacing:											
S =	1.0H	0.9 / -0.7					0.6 / -0.4				
	1.5H	2.1 / -1.0					1.5 / -0.7				
	2.0H	3.3 / -1.1					2.4 / -0.7				