

Mini Reglette

Design iGuzzini

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Product code
5232

Technical description

High output luminaire for general lighting designed to use LED lamps. Extruded aluminium component-holding box complete with plastic flow director designed to optimise light distribution. Polycarbonate safety screen as standard. Couplings for direct elect

Installation

Ceiling- and wall-mounted.

Dimension (mm)

1198x26x38

Colour

Aluminium (12)

Mounting

wall surface|ceiling surface

Wiring

product complete with electronic components

Complies with EN60598-1 and pertinent regulations



Product configuration: 5232

Product characteristics

Total lighting output [Lm]: 1440
Total power [W]: 20
Luminous efficacy [Lm/W]: 72
Life Time: 40,000h - L70 (Ta 25°C)

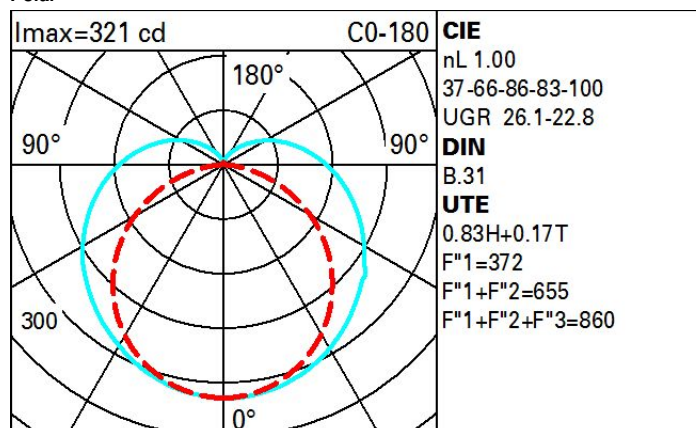
Total luminous flux at or above an angle of 90° [Lm]: 241
Emergency luminous flux [Lm]: /
Voltage [V]: -
Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 100
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 20
Nominal luminous [Lm]: 1440
Lamp maximum intensity [cd]: /
Beam angle [°]: /

Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 0
Colour temperature [K]: 3000
CRI: 80
Wavelength [Nm]: /
MacAdam Step: 4

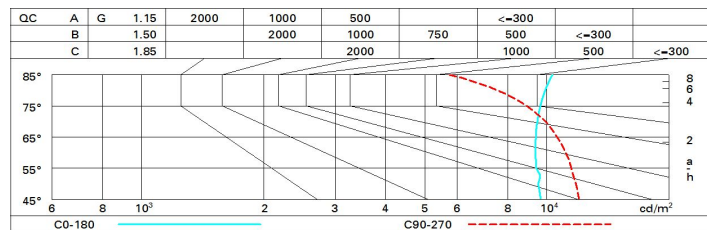
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	58	46	39	33	43	36	34	26	31
1.0	64	53	45	39	49	43	40	31	38
1.5	74	64	57	51	60	54	51	41	49
2.0	79	72	65	60	67	61	58	48	58
2.5	83	76	71	66	71	66	63	53	64
3.0	86	80	75	70	75	70	66	57	68
4.0	89	84	80	76	79	75	71	62	74
5.0	92	87	83	80	82	79	74	65	78

Luminance curve limit



UGR diagram

Corrected UGR values (at 1440 lm bare lamp luminous flux)											
Reflect.:											
ceiling		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 crosswise					viewed endwise				
x y											
2H	2H	19.7	20.8	20.3	21.4	22.0	18.8	19.9	19.4	20.5	21.1
	3H	22.0	23.0	22.6	23.6	24.2	19.4	20.4	20.0	21.0	21.7
	4H	23.1	24.0	23.7	24.6	25.3	19.7	20.6	20.3	21.2	21.9
	6H	24.2	25.1	24.9	25.7	26.4	19.9	20.8	20.5	21.4	22.1
	8H	24.8	25.6	25.4	26.3	27.0	20.0	20.8	20.6	21.4	22.2
	12H	25.3	26.1	26.0	26.8	27.5	20.0	20.8	20.6	21.4	22.2
4H	2H	20.4	21.3	21.0	21.9	22.6	20.9	21.8	21.5	22.4	23.1
	3H	22.9	23.7	23.5	24.3	25.0	21.7	22.5	22.3	23.1	23.9
	4H	24.1	24.9	24.8	25.5	26.3	22.1	22.9	22.8	23.5	24.3
	6H	25.5	26.1	26.2	26.8	27.6	22.6	23.3	23.3	23.9	24.7
	8H	26.1	26.7	26.8	27.4	28.2	22.8	23.4	23.5	24.1	24.9
	12H	26.7	27.3	27.5	28.0	28.8	23.0	23.5	23.7	24.2	25.1
8H	4H	24.5	25.1	25.2	25.8	26.6	22.8	23.4	23.5	24.1	25.0
	6H	26.1	26.6	26.8	27.3	28.1	23.6	24.1	24.3	24.8	25.6
	8H	26.9	27.3	27.6	28.1	28.9	24.0	24.4	24.7	25.2	26.0
	12H	27.7	28.1	28.4	28.9	29.7	24.4	24.8	25.2	25.6	26.4
12H	4H	24.5	25.1	25.2	25.8	26.6	22.9	23.5	23.6	24.2	25.0
	6H	26.2	26.6	26.9	27.4	28.2	23.7	24.2	24.5	24.9	25.8
	8H	27.1	27.5	27.8	28.2	29.1	24.2	24.6	25.0	25.4	26.2
Variations with the observer position at spacing:											
S =		1.0H					0.1 / -0.1				
		1.5H					0.2 / -0.2				
		2.0H					0.2 / -0.3				
							0.1 / -0.0				
							0.2 / -0.2				
							0.2 / -0.4				