

Mini Reglette

Design iGuzzini

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Last information update: June 2018



Product code

5231

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: 5231

Product characteristics

Total lighting output [Lm]: 1600
Total power [W]: 20
Luminous efficacy [Lm/W]: 80
Life Time: 40,000h - L70 (Ta 25°C)

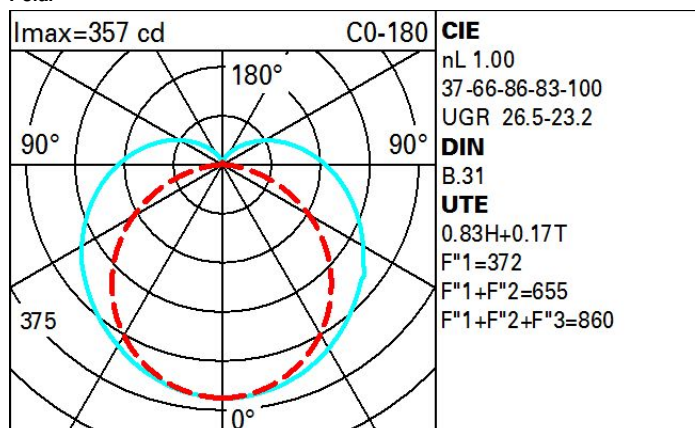
Total luminous flux at or above an angle of 90° [Lm]: 268
Emergency luminous flux [Lm]: /
Voltage [V]: -
Number of optical assemblies: 1

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]: 1600
Lamp maximum intensity [cd]: /
Beam angle [°]: /

Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 0
Colour temperature [K]: 4000
CRI: 80
Wavelength [Nm]: /
MacAdam Step: 4

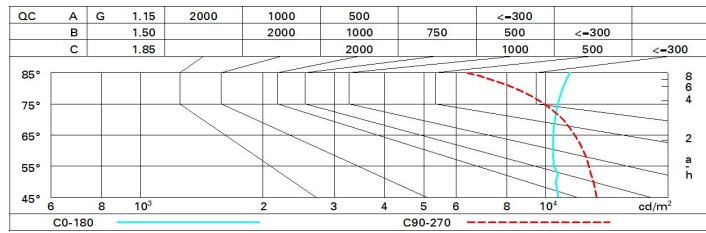
Polar



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 1000 lm bare lamp luminous flux)											
Reflect.:		viewed crosswise					viewed endwise				
ceiling	cav	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											
x	y										
2H	2H	20.1	21.2	20.7	21.8	22.4	19.2	20.3	19.8	20.9	21.5
	3H	22.3	23.3	22.9	23.9	24.6	19.8	20.8	20.4	21.4	22.0
	4H	23.5	24.4	24.1	25.0	25.7	20.1	21.0	20.7	21.6	22.3
	6H	24.6	25.5	25.2	26.1	26.8	20.3	21.1	20.9	21.8	22.5
	8H	25.1	26.0	25.8	26.6	27.3	20.3	21.2	21.0	21.8	22.5
	12H	25.7	26.5	26.3	27.1	27.9	20.3	21.1	21.0	21.8	22.5
4H	2H	20.8	21.7	21.4	22.3	23.0	21.2	22.2	21.8	22.8	23.5
	3H	23.2	24.0	23.9	24.7	25.4	22.0	22.9	22.7	23.5	24.2
	4H	24.5	25.2	25.2	25.9	26.7	22.5	23.2	23.2	23.9	24.7
	6H	25.8	26.5	26.5	27.2	28.0	23.0	23.6	23.7	24.3	25.1
	8H	26.5	27.1	27.2	27.8	28.6	23.2	23.8	23.9	24.5	25.3
	12H	27.1	27.7	27.8	28.4	29.2	23.3	23.9	24.1	24.6	25.4
8H	4H	24.9	25.5	25.6	26.2	27.0	23.2	23.8	23.9	24.5	25.3
	6H	26.4	26.9	27.2	27.7	28.5	23.9	24.5	24.7	25.2	26.0
	8H	27.2	27.7	28.0	28.4	29.3	24.4	24.8	25.1	25.5	26.4
	12H	28.1	28.5	28.8	29.2	30.1	24.8	25.2	25.5	25.9	26.8
12H	4H	24.9	25.4	25.6	26.2	27.0	23.3	23.9	24.0	24.6	25.4
	6H	26.5	27.0	27.3	27.7	28.6	24.1	24.5	24.8	25.3	26.1
	8H	27.4	27.8	28.2	28.6	29.4	24.6	25.0	25.3	25.7	26.6
Variations with the observer position at spacing:											
S =	1.0H	0.1 / -0.1					0.1 / -0.0				
	1.5H	0.2 / -0.2					0.2 / -0.2				
	2.0H	0.2 / -0.3					0.2 / -0.4				