

Mini Reglette

Design iGuzzini

iGuzzini

Last information update: February 2023

Product configuration: 5231

5231: High output luminaire for general lighting designed to use LED lamps.



Product code

5231: High output luminaire for general lighting designed to use LED lamps. **Attention! Code no longer in production**

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.

Colour

Aluminium (12)

Mounting

wall surface|ceiling surface

Wiring

product complete with electronic components

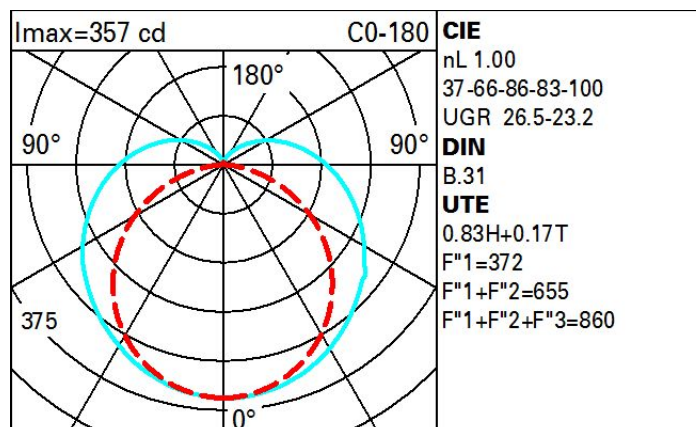
Complies with EN60598-1 and pertinent regulations



Technical data

lm system:	1600	Colour temperature [K]:	4000
W system:	20	MacAdam Step:	4
lm source:	1600	Life Time LED 1:	40,000h - L70 (Ta 25°C)
W source:	20	Ballast losses [W]:	0
Luminous efficiency (lm/W, real value):	80	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]:	268	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	100	Number of optical assemblies:	1
CRI:	80		

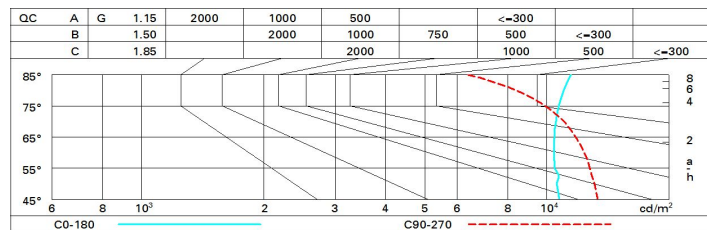
Polar



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.: ceiling walls work pl. Room dim x y		viewed crosswise					viewed endwise				
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				
		1.5H					0.2 / -0.2				
		2.0H					0.2 / -0.3				
							0.1 / -0.0				
							0.2 / -0.2				
							0.2 / -0.4				