Mini Reglette

Design iGuzzini   **iGuzzini**

Last information update: February 2023

Product configuration: 5232
5232: High output luminaire for general lighting designed to use LED lamps.

Product code
5232: 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
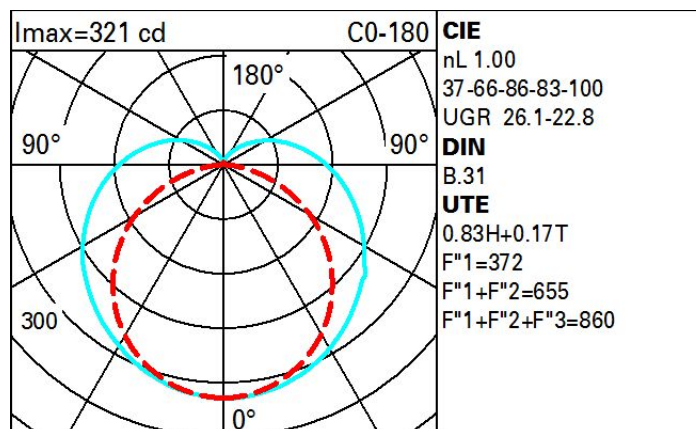product complete with electronic components

Complies with EN60598-1 and pertinent regulations

Technical data

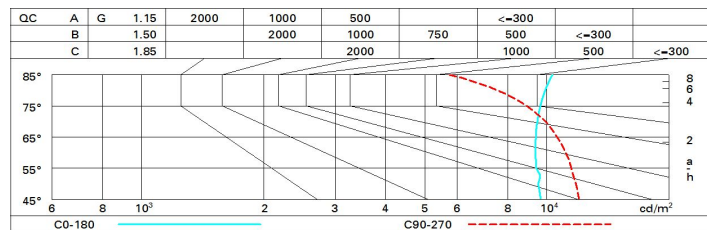|			
lm system:	1440	Colour temperature [K]:	3000
W system:	20	MacAdam Step:	4
lm source:	1440	Life Time LED 1:	40,000h - L70 (Ta 25°C)
W source:	20	Ballast losses [W]:	0
Luminous efficiency (lm/W, real value):	72	Lamp code:	LED
lm in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	241	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	100	Number of optical assemblies:	1
CRI:	80		

Polar

Imax=321 cd   C0-180

CIE
nL 1.00
37-66-86-83-100
UGR 26.1-22.8
DIN
B.31
UTE
0.83H+0.17T
F"1=372
F"1+F"2=655
F"1+F"2+F"3=860

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

QC	A	G	1.15	2000	1000	500		<=300		
	B		1.50		2000	1000	750	500	<=300	
	C		1.85			2000		1000	500	<=300

C0-180   C90-270

UGR diagram

Corrected UGR values (at 1440 lm bare lamp luminous flux)										
Riflect.:										
ceil/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		viewed					viewed			
x y		crosswise					endwise			
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	0.1 / -0.0
	1.5H	0.2 / -0.2	0.2 / -0.2
	2.0H	0.2 / -0.3	0.2 / -0.4