

Design iGuzzini iGuzzini

Product configuration: 5230
5230: High output luminaire for general lighting designed to use LED lamps.



5230: High output luminaire for general lighting designed to use LED lamps. **Attention! Code no longer in production**

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

Ceiling- and wall-mounted.

Aluminium (12)

wall surface|ceiling surface

product complete with electronic components

Complies with EN60598-1 and pertinent regulations



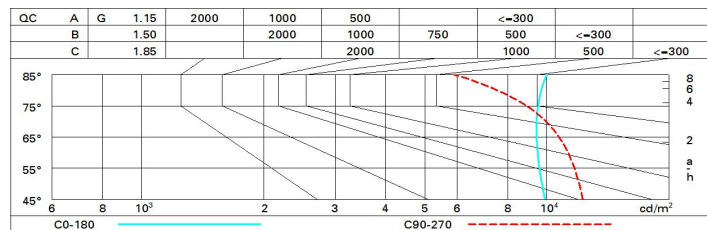
Im system:	720	Colour temperature [K]:	3000
W system:	10	MacAdam Step:	4
Im source:	720	Life Time LED 1:	40,000h - L70 (Ta 25°C)
W source:	10	Ballast losses [W]:	0
Luminous efficiency (lm/W, real value):	72	Lamp code:	LED
Im in emergency mode:	-	Number of lamps for optical assembly:	1
Total light flux at or above an angle of 90° [Lm]:	111	ZVEI Code:	LED
Light Output Ratio (L.O.R.) [%]:	100	Number of optical assemblies:	1
CRI:	80		

I_{max} = 165 cd **C0-180** **CIE**
nL 1.00
38-66-87-85-100
UGR 26.1-23.1
DIN
B.31
UTE
0.85H+0.15T
F"1=376
F"1+F"2=661
F"1+F"2+F"3=865

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	58	47	39	33	44	37	35	27	32
1.0	64	53	46	40	50	43	41	32	38
1.5	74	65	58	52	61	54	51	42	50
2.0	80	72	66	60	68	62	59	49	58
2.5	84	77	71	66	72	67	64	54	64
3.0	86	80	75	71	75	71	67	58	69
4.0	90	85	81	77	80	76	72	63	74
5.0	92	88	84	81	83	79	75	66	78

Luminance curve limit



UGR diagram

Corrected UGR values (at 720 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
2H	2H	19.8	20.9	20.4	21.5	22.1	19.1	20.2	19.7	20.8	21.4
	3H	22.0	23.0	22.6	23.6	24.3	19.7	20.7	20.3	21.2	21.9
	4H	23.1	24.1	23.7	24.7	25.3	19.9	20.9	20.5	21.5	22.1
	6H	24.2	25.1	24.8	25.7	26.4	20.1	21.0	20.7	21.6	22.3
	8H	24.8	25.6	25.4	26.2	26.9	20.2	21.0	20.8	21.7	22.4
	12H	25.3	26.1	25.9	26.7	27.4	20.2	21.0	20.8	21.6	22.3
4H	2H	20.5	21.4	21.1	22.0	22.7	21.2	22.1	21.8	22.7	23.4
	3H	22.9	23.7	23.5	24.4	25.1	22.0	22.8	22.6	23.4	24.1
	4H	24.2	24.9	24.8	25.6	26.3	22.4	23.2	23.1	23.8	24.5
	6H	25.5	26.1	26.1	26.8	27.6	22.9	23.5	23.5	24.2	25.0
	8H	26.1	26.7	26.8	27.4	28.2	23.1	23.7	23.7	24.3	25.1
	12H	26.7	27.3	27.4	28.0	28.8	23.2	23.8	23.9	24.4	25.2
8H	4H	24.5	25.1	25.2	25.8	26.6	23.2	23.8	23.8	24.4	25.2
	6H	26.1	26.6	26.8	27.3	28.1	23.8	24.4	24.5	25.1	25.9
	8H	26.8	27.3	27.6	28.0	28.9	24.2	24.7	24.9	25.4	26.2
	12H	27.7	28.1	28.4	28.8	29.6	24.6	25.0	25.3	25.8	26.6
12H	4H	24.6	25.1	25.2	25.8	26.6	23.3	23.8	24.0	24.5	25.3
	6H	26.2	26.6	26.9	27.3	28.2	24.0	24.5	24.7	25.2	26.0
	8H	27.0	27.4	27.8	28.2	29.0	24.5	24.9	25.2	25.6	26.5
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				