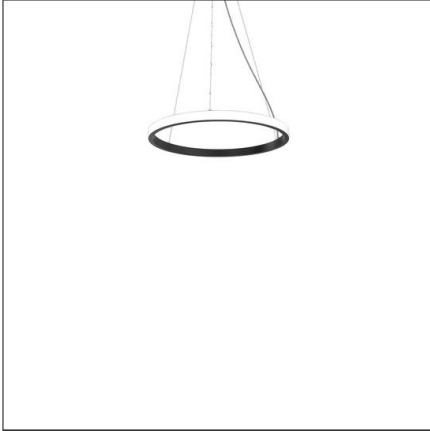


Photometric test report

Family
Silica® 21 Ring

Order number: **5PJBO1D3104A**
EAN: **4058352958940**

LP number
59505_14



Version suspended luminaire incl. Pendant, black, outer ring side luminous, cover opal, polycarbonate, frosted, diffuse beam

Lamps LED 4000 K | CRI ≥ 80

Controlgear ECG-DALI

Rated values Net luminous flux = 3930 lm
Power consumption = 60.0 W
Luminous efficacy = 65.5 lm/W

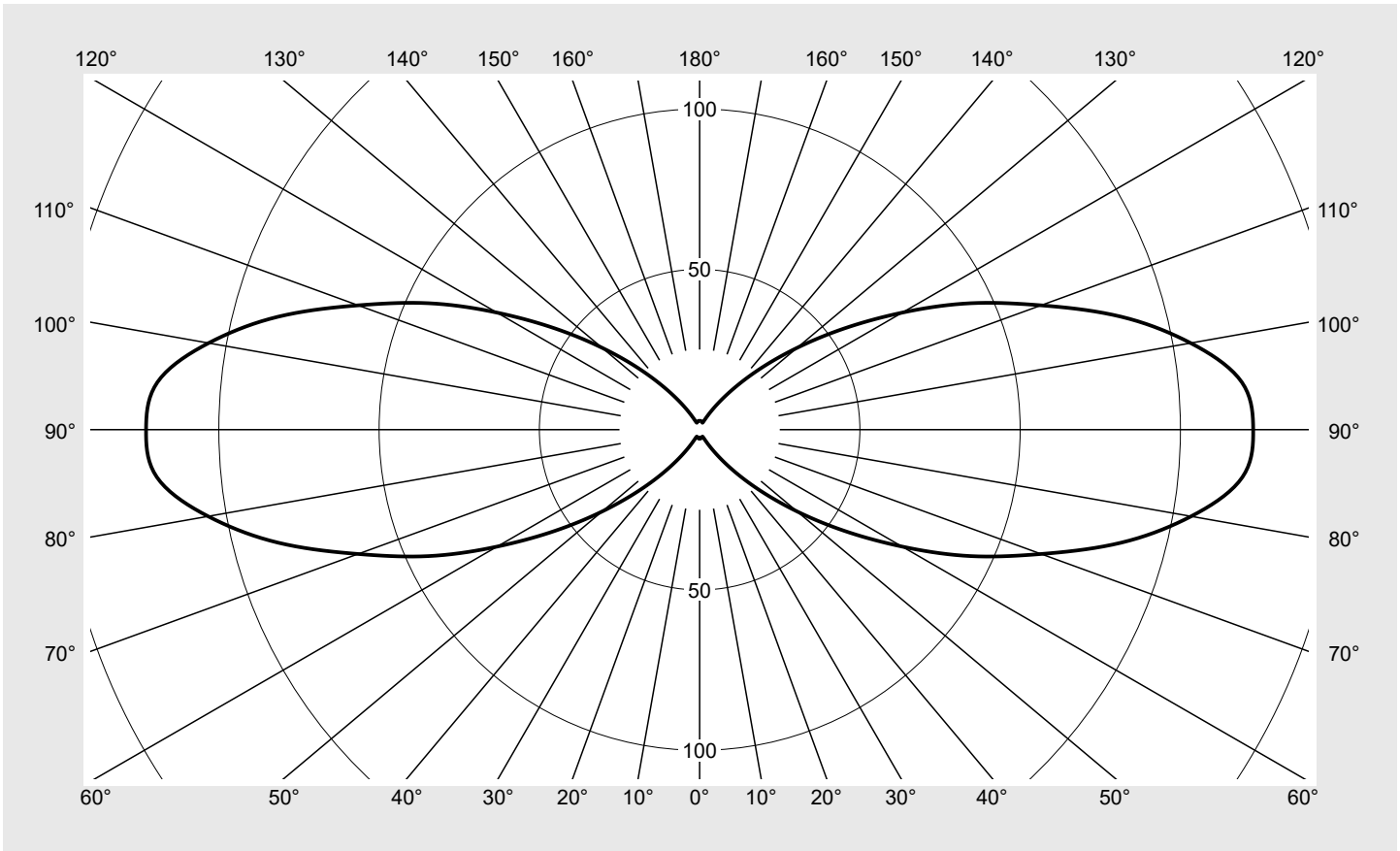
serial
documentation
08.11.2023

siteco

Luminous intensity in cd/klm

C180-0

Imax: 173 cd/klm



Classifications

DIN 5040 C 1 1
CIE N1=2 N2=16 N3=49
N4=50 N5=100

Luminaire light output ratios

η_{LB} 100.0%
 ϕ_u 50.0%
 ϕ_o 50.0%

Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

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Table of values for luminous intensities	Maximum luminous intensity
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C-planes	0°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm		Luminous flux in lm/klm
0°	2.4	0.0	0.0
5°	2.8	0.1	0.1
10°	2.7	0.3	0.4
15°	2.6	0.4	0.8
20°	2.4	0.4	1.2
25°	2.7	0.6	1.8
30°	5.1	1.4	3.2
35°	10.0	3.1	6.4
40°	17.4	6.1	12.5
45°	27.2	10.5	23.0
50°	39.7	16.7	39.7
55°	55.0	24.7	64.4
60°	72.9	34.6	99.0
65°	93.3	46.4	145.4
70°	113.4	58.4	203.8
75°	136.2	72.1	275.9
80°	155.7	84.0	360.0
85°	170.0	92.8	452.8
90°	172.7	94.7	547.4
95°	169.8	92.7	640.2
100°	155.5	84.0	724.1
105°	136.1	72.1	796.2
110°	113.4	58.4	854.6
115°	93.3	46.4	901.0
120°	73.0	34.7	935.6
125°	55.0	24.7	960.3
130°	39.7	16.7	977.0
135°	27.2	10.5	987.5
140°	17.3	6.1	993.6
145°	10.0	3.1	996.8
150°	5.2	1.4	998.2
155°	2.7	0.6	998.8
160°	2.4	0.4	999.2
165°	2.6	0.4	999.6
170°	2.7	0.3	999.9
175°	2.8	0.1	1000.0
180°	2.6	0.0	1000.0

Photometric test report

Family Silica® 21 Ring	Order number: 5PJBO1D3104A EAN: 4058352958940	LP number 59505_14
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UGR-Table	Standard room	siteco
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Reflection factor of ceiling	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
Reflection factor of walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
Reflection factor of floor	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions	View crosswise (C0)					View endwise (C90)					
x	y										
2H	2H	24.5	26.0	25.2	26.8	27.7	24.5	26.0	25.2	26.8	27.7
	3H	29.2	30.5	29.9	31.3	32.3	29.2	30.5	29.9	31.3	32.3
	4H	31.6	32.8	32.3	33.7	34.7	31.6	32.8	32.3	33.7	34.7
	6H	33.8	35.0	34.6	35.9	36.9	33.8	35.0	34.6	35.9	36.9
	8H	34.8	36.0	35.6	36.8	37.9	34.8	36.0	35.6	36.8	37.9
	12H	35.8	36.9	36.7	37.8	38.9	35.8	36.9	36.7	37.8	38.9
4H	2H	26.1	27.3	26.8	28.2	29.2	26.1	27.3	26.8	28.2	29.2
	3H	30.5	31.6	31.3	32.5	33.6	30.5	31.6	31.3	32.5	33.6
	4H	32.9	33.9	33.7	34.8	35.9	32.9	33.9	33.7	34.8	35.9
	6H	35.2	36.2	36.1	37.1	38.2	35.2	36.2	36.1	37.1	38.2
	8H	36.3	37.2	37.2	38.1	39.3	36.3	37.2	37.2	38.1	39.3
	12H	37.3	38.1	38.2	39.1	40.3	37.3	38.1	38.2	39.1	40.3
8H	4H	33.7	34.5	34.5	35.5	36.6	33.7	34.5	34.5	35.5	36.6
	6H	36.1	36.9	37.0	37.8	39.1	36.1	36.9	37.0	37.8	39.1
	8H	37.4	38.1	38.3	39.0	40.3	37.4	38.1	38.3	39.0	40.3
	12H	38.6	39.2	39.5	40.2	41.4	38.6	39.2	39.5	40.2	41.4
12H	4H	33.8	34.6	34.7	35.6	36.8	33.8	34.6	34.7	35.6	36.8
	6H	36.4	37.1	37.3	38.1	39.3	36.4	37.1	37.3	38.1	39.3
	8H	37.7	38.3	38.7	39.3	40.6	37.7	38.3	38.7	39.3	40.6

Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm: D = 49	H(C0) = 48 H(C90) = 48	H(C180) = 48 H(C270) = 48
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C-planes	0°
γ	Luminance in cd/m ²
45°	35665.3
50°	51772.9
55°	71827.3
60°	96208.3
65°	125250.5
70°	156090.9
75°	193919.6
80°	231449.8
85°	266429.0

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Luminance values in cd/m² γ 65° γ 70° γ 75° γ 80° γ 85°

