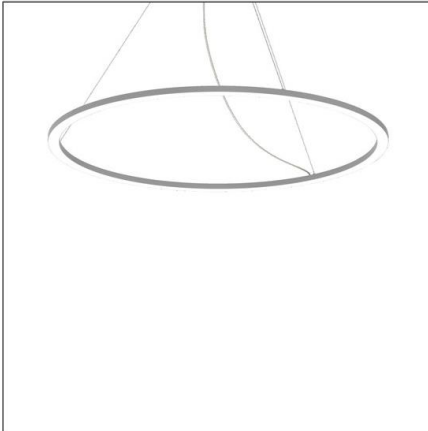


## Photometric test report

Family  
**Silica® 21 Ring**

Order number: **5PJBD4D1204A**  
EAN: **4058352960189**

LP number  
**59507\_6**



**Version** suspended luminaire incl. Pendant, silver, ring underside luminous, cover opal, polycarbonate, frosted, diffuse beam

**Lamps** LED 3000 K | CRI ≥ 80

**Controlgear** ECG-DALI

**Rated values** Net luminous flux = 10840 lm  
Power consumption = 125.0 W  
Luminous efficacy = 86.9 lm/W

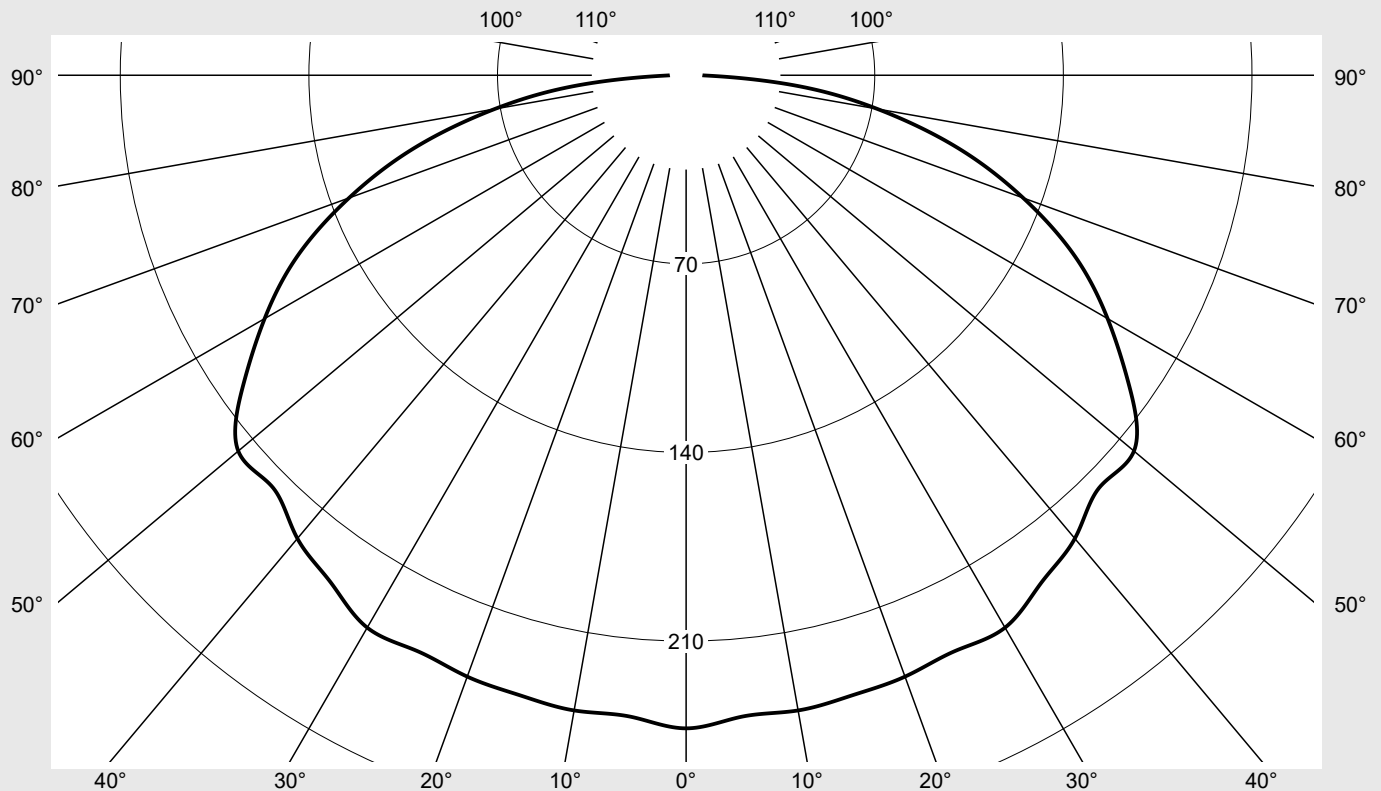
serial  
documentation  
08.11.2023

siteco

Luminous intensity in cd/klm

C180-0

Imax: 242 cd/klm



### Classifications

DIN 5040 A 3 0  
CIE N1=37 N2=69 N3=92  
N4=100 N5=100

### Luminaire light output ratios

$\eta_{LB}$  100.2%  
 $\phi_u$  99.8%  
 $\phi_o$  0.2%

### Measurement conditions

DIN EN 13032 and DIN 5032

## Photometric test report

<b>Family</b> Silica® 21 Ring	<b>Order number: 5PJBD4D1204A</b> <b>EAN: 4058352960189</b>	<b>LP number</b> <b>59507_6</b>
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<b>Table of values for luminous intensities</b>	<b>Maximum luminous intensity</b>	<b>siteco</b>
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C-planes	0°	Phi-zone	Total Phi-zone
$\gamma$	Luminous intensity in cd/klm	Luminous flux in lm/klm	
0°	242.4	1.4	1.4
5°	238.9	11.4	12.9
10°	239.4	22.8	35.6
15°	238.2	33.8	69.4
20°	237.5	44.5	114.0
25°	235.8	54.6	168.6
30°	236.7	64.9	233.5
35°	229.9	72.3	305.7
40°	224.4	79.1	384.8
45°	216.7	84.0	468.8
50°	217.0	91.1	559.9
55°	200.7	90.1	650.0
60°	180.6	85.7	735.8
65°	159.3	79.2	814.9
70°	133.1	68.6	883.5
75°	104.5	55.3	938.8
80°	72.1	38.9	977.8
85°	37.7	20.6	998.3
90°	6.0	3.3	1001.7

## Photometric test report

Family <b>Silica® 21 Ring</b>	Order number: <b>5PJBD4D1204A</b> EAN: <b>4058352960189</b>	LP number <b>59507_6</b>
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<b>UGR-Table</b>	<b>Standard room</b>	<b>siteco</b>
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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	22.7	24.5	23.0	24.8	25.1	22.7	24.5	23.0	24.8	25.1
	3H	24.9	26.6	25.3	26.9	27.3	24.9	26.6	25.3	26.9	27.3
	4H	25.9	27.5	26.3	27.8	28.2	25.9	27.5	26.3	27.8	28.2
	6H	26.8	28.2	27.2	28.6	29.0	26.8	28.2	27.2	28.6	29.0
	8H	27.1	28.5	27.6	28.9	29.3	27.1	28.5	27.6	28.9	29.3
	12H	27.4	28.7	27.8	29.1	29.5	27.4	28.7	27.8	29.1	29.5
4H	2H	23.7	25.2	24.1	25.6	26.0	23.7	25.2	24.1	25.6	26.0
	3H	26.1	27.4	26.5	27.8	28.2	26.1	27.4	26.5	27.8	28.2
	4H	27.2	28.4	27.6	28.8	29.3	27.2	28.4	27.6	28.8	29.3
	6H	28.2	29.3	28.7	29.7	30.2	28.2	29.3	28.7	29.7	30.2
	8H	28.6	29.6	29.1	30.1	30.5	28.6	29.6	29.1	30.1	30.5
	12H	29.0	29.9	29.4	30.3	30.8	29.0	29.9	29.4	30.3	30.8
8H	4H	27.7	28.7	28.2	29.2	29.6	27.7	28.7	28.2	29.2	29.6
	6H	28.9	29.7	29.4	30.2	30.7	28.9	29.7	29.4	30.2	30.7
	8H	29.4	30.2	29.9	30.6	31.1	29.4	30.2	29.9	30.6	31.1
	12H	29.9	30.5	30.4	31.0	31.5	29.9	30.5	30.4	31.0	31.5
12H	4H	27.8	28.7	28.3	29.2	29.7	27.8	28.7	28.3	29.2	29.7
	6H	29.1	29.8	29.6	30.3	30.8	29.1	29.8	29.6	30.3	30.8
	8H	29.6	30.3	30.1	30.8	31.3	29.6	30.3	30.1	30.8	31.3

<b>Luminance table</b>	<b>Max. for <math>\gamma \geq 65^\circ</math></b>	Photometric dimensions in mm: D = 512	H(C0) = 1 H(C90) = 1	H(C180) = 1 H(C270) = 1
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C-planes	0°
$\gamma$	Luminance in cd/m <sup>2</sup>
45°	16092.8
50°	17719.5
55°	18358.3
60°	18938.0
65°	19745.9
70°	20354.3
75°	21066.8
80°	21567.8
85°	22123.1

**Photometric test report**

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**Luminance values in cd/m<sup>2</sup>**

$\gamma$ 65°	$\gamma$ 70°	$\gamma$ 75°	$\gamma$ 80°	$\gamma$ 85°
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