

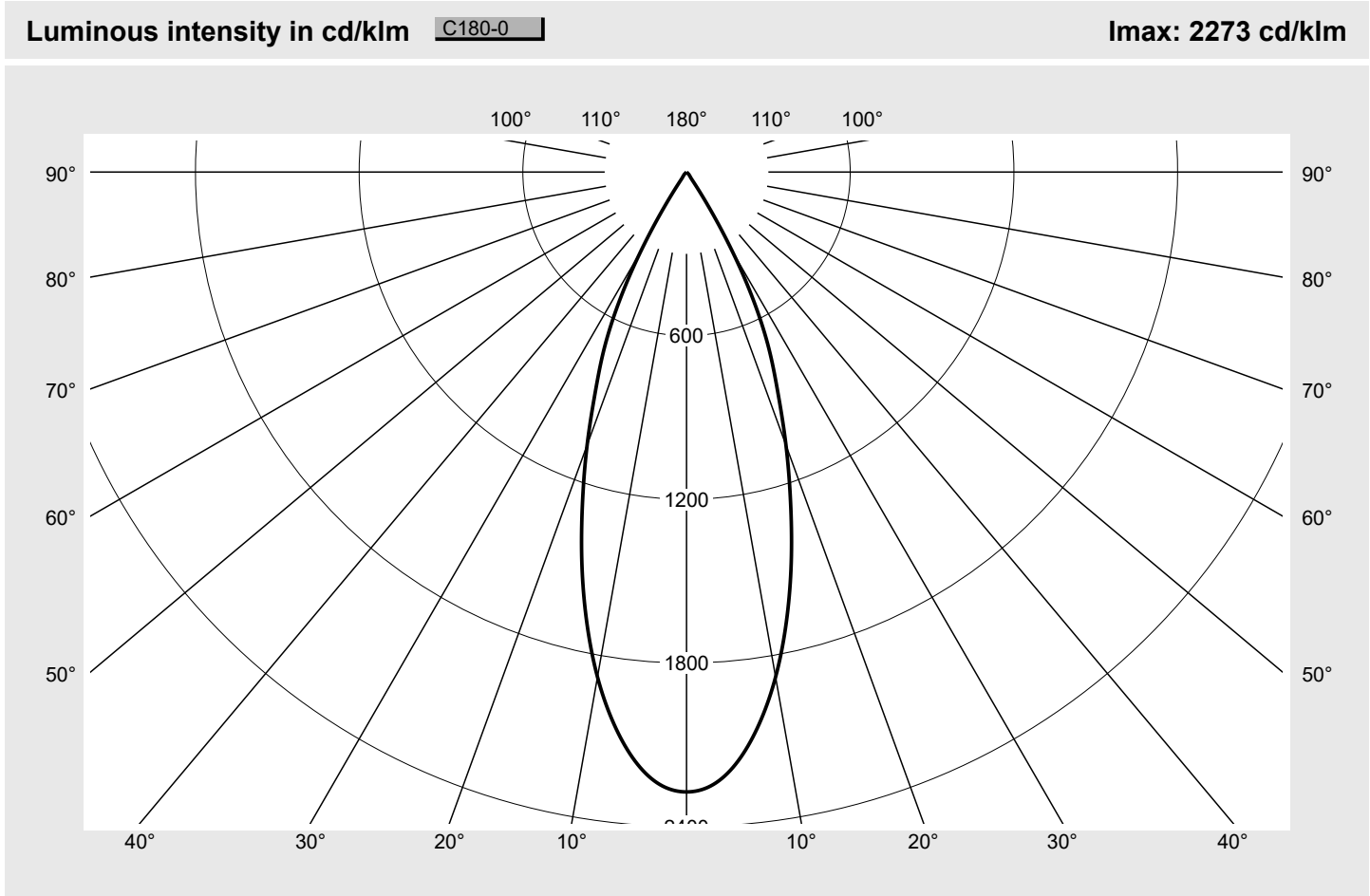


# Photometric test report

<b>Family</b> <b>Licross® Spot 21</b>	<b>Order number: 51SL63MB11D2C</b> <b>EAN: 4069025502698</b>	<b>LP number</b> <b>59936_12</b>
	<b>Version</b> housing, white aluminium, reflector, cover glass, transparent, medium distribution	<b>serial documentation</b> <b>14.01.2026</b>
	<b>Lamps</b> LED 4000 K   CRI ≥ 90 <b>Controlgear</b> ECG Multilumen <b>Setting</b> factory setting: DIP-Step=4 <b>Rated values</b> Net luminous flux = 2900 lm Power consumption = 18.5 W Luminous efficacy = 156.8 lm/W	



Classifications	
DIN 5040	A 8 0
CIE	N1=98 N2=99 N3=100 N4=100 N5=100

Luminaire light output ratios	
$\eta_{LB}$	100.0%
$\phi_u$	100.0%
$\phi_o$	0.0%

Measurement conditions
DIN EN 13032 and DIN 5032

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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	
0,0°	2272.8	3.4	3.4
2,5°	2247.7	26.9	30.3
5,0°	2167.7	51.8	82.1
7,5°	2040.8	73.0	155.1
10,0°	1880.0	89.5	244.6
12,5°	1690.1	100.3	344.9
15,0°	1482.7	105.2	450.1
17,5°	1267.9	104.5	554.6
20,0°	1065.6	99.9	654.5
22,5°	874.9	91.8	746.3
25,0°	714.3	82.8	829.0
27,5°	533.8	67.6	896.6
30,0°	335.3	46.0	942.6
32,5°	151.5	22.3	964.9
35,0°	44.0	6.9	971.8
37,5°	23.3	3.9	975.7
40,0°	17.4	3.1	978.7
42,5°	13.8	2.6	981.3
45,0°	11.3	2.2	983.5
47,5°	9.4	1.9	985.4
50,0°	8.2	1.7	987.1
52,5°	7.3	1.6	988.7
55,0°	6.6	1.5	990.2
57,5°	6.0	1.4	991.6
60,0°	5.5	1.3	992.9
62,5°	5.0	1.2	994.1
65,0°	4.6	1.1	995.3
67,5°	4.1	1.0	996.3
70,0°	3.6	0.9	997.2
72,5°	3.0	0.8	998.0
75,0°	2.3	0.6	998.6
77,5°	1.8	0.5	999.1
80,0°	1.4	0.4	999.5
82,5°	1.0	0.3	999.8
85,0°	0.6	0.2	999.9
87,5°	0.2	0.1	1000.0
90,0°	0.0	0.0	1000.0

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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	13.8	14.8	14.2	15.1	15.5	13.8	14.8	14.2	15.1	15.5
	3H	14.1	15.0	14.5	15.3	15.7	14.1	15.0	14.5	15.3	15.7
	4H	14.2	15.0	14.6	15.4	15.7	14.2	15.0	14.6	15.4	15.7
	6H	14.3	15.0	14.7	15.4	15.8	14.3	15.0	14.7	15.4	15.8
	8H	14.5	15.0	14.9	15.4	15.8	14.5	15.0	14.9	15.4	15.8
	12H	14.5	14.9	14.9	15.3	15.7	14.5	14.9	14.9	15.3	15.7
4H	2H	13.8	14.6	14.2	14.9	15.3	13.8	14.6	14.2	14.9	15.3
	3H	14.2	14.8	14.6	15.2	15.6	14.2	14.8	14.6	15.2	15.6
	4H	14.3	14.9	14.8	15.3	15.8	14.3	14.9	14.8	15.3	15.8
	6H	14.4	15.0	14.9	15.4	15.9	14.4	15.0	14.9	15.4	15.9
	8H	14.5	15.0	15.0	15.4	15.9	14.5	15.0	15.0	15.4	15.9
	12H	14.6	14.9	15.1	15.4	15.9	14.6	14.9	15.1	15.4	15.9
8H	4H	14.4	14.8	14.8	15.2	15.7	14.4	14.8	14.8	15.2	15.7
	6H	14.6	14.9	15.1	15.4	15.9	14.6	14.9	15.1	15.4	15.9
	8H	14.6	14.9	15.1	15.4	16.0	14.6	14.9	15.1	15.4	16.0
	12H	14.7	14.9	15.2	15.4	16.0	14.7	14.9	15.2	15.4	16.0
12H	4H	14.4	14.7	14.9	15.1	15.6	14.4	14.7	14.9	15.1	15.6
	6H	14.5	14.8	15.1	15.3	15.8	14.5	14.8	15.1	15.3	15.8
	8H	14.6	14.9	15.2	15.4	15.9	14.6	14.9	15.2	15.4	15.9

<b>Luminance table</b>	<b>Max. for <math>\gamma \geq 65^\circ</math></b>	<b>Photometric dimensions in mm: D = 82</b>
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<b>C-planes</b>	<b>0°</b>
$\gamma$	<b>Luminance in cd/m²</b>
45,0°	8802.7
50,0°	7026.7
55,0°	6337.9
60,0°	6059.2
65,0°	5995.3
70,0°	5797.7
75,0°	4894.8
80,0°	4439.9
85,0°	3793.0

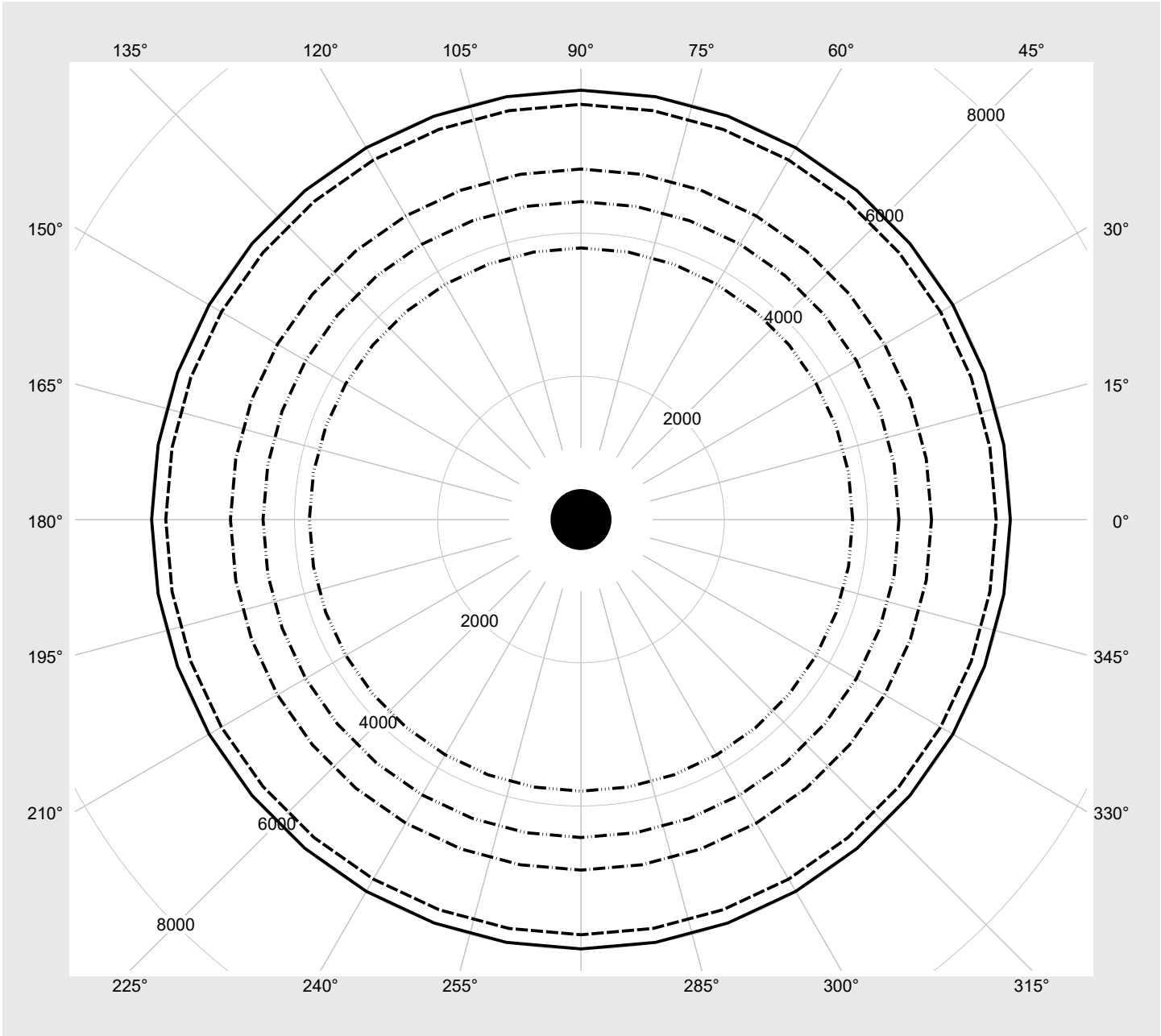
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**Luminance values in cd/m<sup>2</sup>**

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



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<b>Multilumen Table</b>	environmental temperature: 25°C	
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DIP-Step	Switch Setting			Luminous flux [lm]	Power consumption [W]
	1	2	3		
0	OFF	OFF	OFF	3910	26.5
1	ON	OFF	OFF	3670	24.5
2	OFF	ON	OFF	3420	22.5
3	ON	ON	OFF	3160	20.5
4	OFF	OFF	ON	2900	18.5
5	ON	OFF	ON	2630	16.6
6	OFF	ON	ON	2360	14.8
7	ON	ON	ON	2090	12.9