

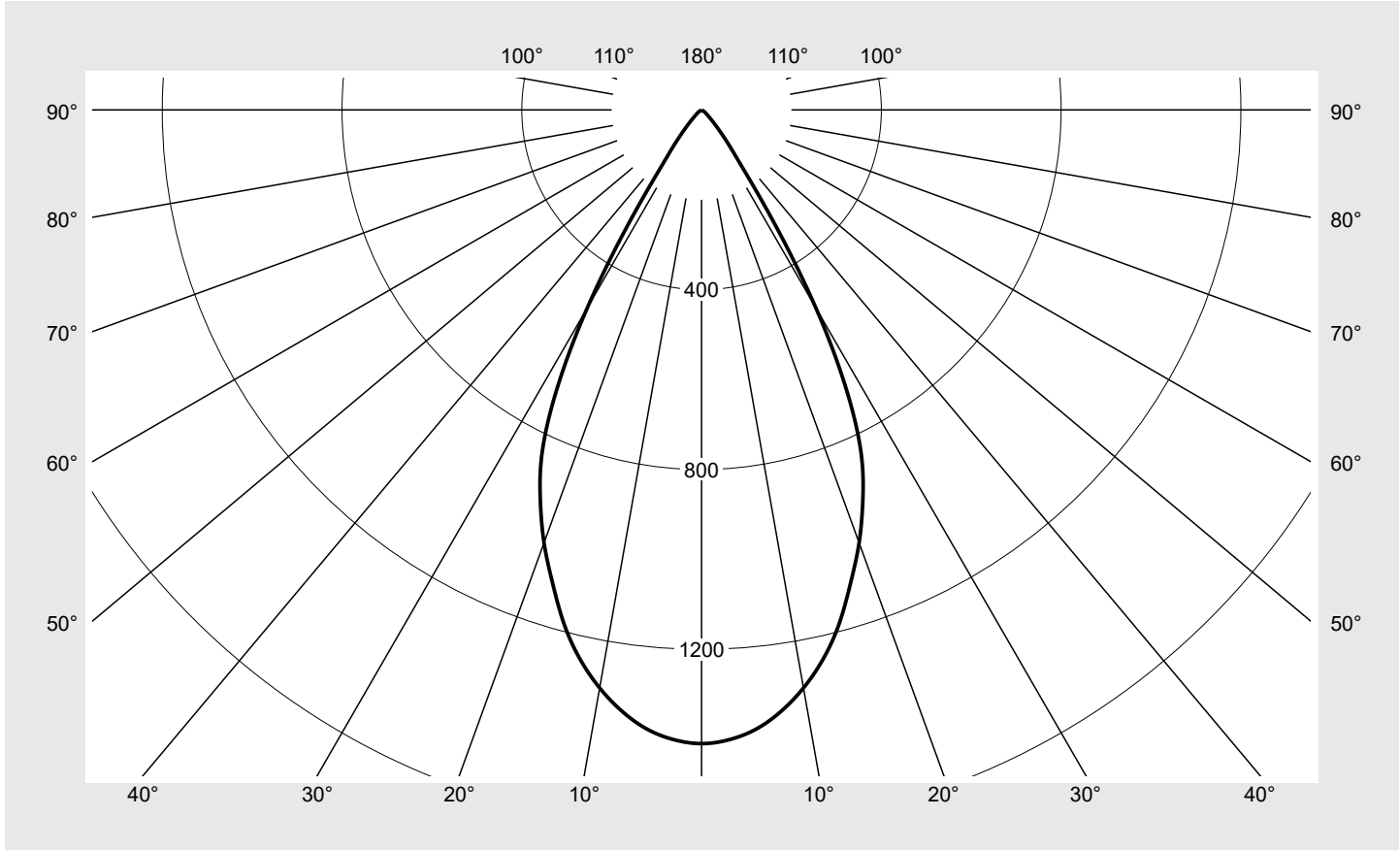


# Photometric test report

<b>Family</b> <b>Spot 21 Licross®</b>	<b>Order number: 51SL64DB11D2C</b> <b>EAN: 4069025502728</b>	<b>LP number</b> <b>59937_40</b>										
	<table border="0"> <tr> <td><b>Version</b></td> <td>housing, white aluminium, reflector, cover glass, transparent, wide distribution</td> </tr> <tr> <td><b>Lamps</b></td> <td>LED 4000 K   CRI ≥ 90</td> </tr> <tr> <td><b>Controlgear</b></td> <td>ECG-DALI-Multilumen</td> </tr> <tr> <td><b>Setting</b></td> <td>factory setting: DIP-Step=7</td> </tr> <tr> <td><b>Rated values</b></td> <td>Net luminous flux = 2830 lm Power consumption = 19.8 W Luminous efficacy = 142.9 lm/W</td> </tr> </table>	<b>Version</b>	housing, white aluminium, reflector, cover glass, transparent, wide distribution	<b>Lamps</b>	LED 4000 K   CRI ≥ 90	<b>Controlgear</b>	ECG-DALI-Multilumen	<b>Setting</b>	factory setting: DIP-Step=7	<b>Rated values</b>	Net luminous flux = 2830 lm Power consumption = 19.8 W Luminous efficacy = 142.9 lm/W	<b>serial documentation</b> <b>21.05.2026</b>  
<b>Version</b>	housing, white aluminium, reflector, cover glass, transparent, wide distribution											
<b>Lamps</b>	LED 4000 K   CRI ≥ 90											
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**Luminous intensity in cd/klm** C180-0 **Imax: 1410 cd/klm**



Classifications	
DIN 5040	A 7 0
CIE	N1=96 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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**sITeco**

<b>Table of values for luminous intensities</b>	<b>Maximum luminous intensity</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°	1409.8	2.1	2.1
2,5°	1402.5	16.8	18.9
5,0°	1383.3	33.0	51.9
7,5°	1350.1	48.3	100.2
10,0°	1305.8	62.2	162.4
12,5°	1250.9	74.2	236.6
15,0°	1183.2	84.0	320.6
17,5°	1103.1	90.9	411.5
20,0°	1024.9	96.1	507.6
22,5°	937.8	98.4	606.0
25,0°	838.9	97.2	703.2
27,5°	692.9	87.7	790.9
30,0°	508.4	69.7	860.5
32,5°	313.6	46.2	906.7
35,0°	170.0	26.7	933.5
37,5°	107.2	17.9	951.4
40,0°	69.8	12.3	963.7
42,5°	45.7	8.5	972.1
45,0°	29.8	5.8	977.9
47,5°	20.8	4.2	982.1
50,0°	15.0	3.2	985.3
52,5°	11.4	2.5	987.7
55,0°	9.1	2.0	989.8
57,5°	7.4	1.7	991.5
60,0°	6.2	1.5	993.0
62,5°	5.4	1.3	994.3
65,0°	4.6	1.1	995.4
67,5°	4.0	1.0	996.5
70,0°	3.5	0.9	997.4
72,5°	2.9	0.8	998.1
75,0°	2.3	0.6	998.7
77,5°	1.7	0.5	999.2
80,0°	1.3	0.4	999.5
82,5°	0.9	0.2	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	19.1	20.2	19.4	20.5	20.8	19.1	20.2	19.4	20.5	20.8
	3H	19.0	20.0	19.4	20.3	20.7	19.0	20.0	19.4	20.3	20.7
	4H	19.0	19.8	19.4	20.2	20.6	19.0	19.8	19.4	20.2	20.6
	6H	18.9	19.7	19.3	20.1	20.5	18.9	19.7	19.3	20.1	20.5
	8H	19.0	19.6	19.5	20.0	20.4	19.0	19.6	19.5	20.0	20.4
	12H	19.0	19.6	19.4	19.9	20.4	19.0	19.6	19.4	19.9	20.4
4H	2H	18.9	19.8	19.3	20.1	20.5	18.9	19.8	19.3	20.1	20.5
	3H	18.8	19.5	19.2	19.9	20.3	18.8	19.5	19.2	19.9	20.3
	4H	18.8	19.4	19.2	19.8	20.3	18.8	19.4	19.2	19.8	20.3
	6H	18.7	19.3	19.2	19.7	20.2	18.7	19.3	19.2	19.7	20.2
	8H	18.7	19.2	19.2	19.6	20.1	18.7	19.2	19.2	19.6	20.1
	12H	18.7	19.1	19.2	19.6	20.1	18.7	19.1	19.2	19.6	20.1
8H	4H	18.7	19.2	19.2	19.6	20.1	18.7	19.2	19.2	19.6	20.1
	6H	18.7	19.0	19.2	19.5	20.0	18.7	19.0	19.2	19.5	20.0
	8H	18.6	18.9	19.1	19.4	20.0	18.6	18.9	19.1	19.4	20.0
	12H	18.6	18.9	19.1	19.4	19.9	18.6	18.9	19.1	19.4	19.9
12H	4H	18.7	19.0	19.2	19.5	20.0	18.7	19.0	19.2	19.5	20.0
	6H	18.6	18.9	19.1	19.4	19.9	18.6	18.9	19.1	19.4	19.9
	8H	18.6	18.8	19.1	19.4	19.9	18.6	18.8	19.1	19.4	19.9

<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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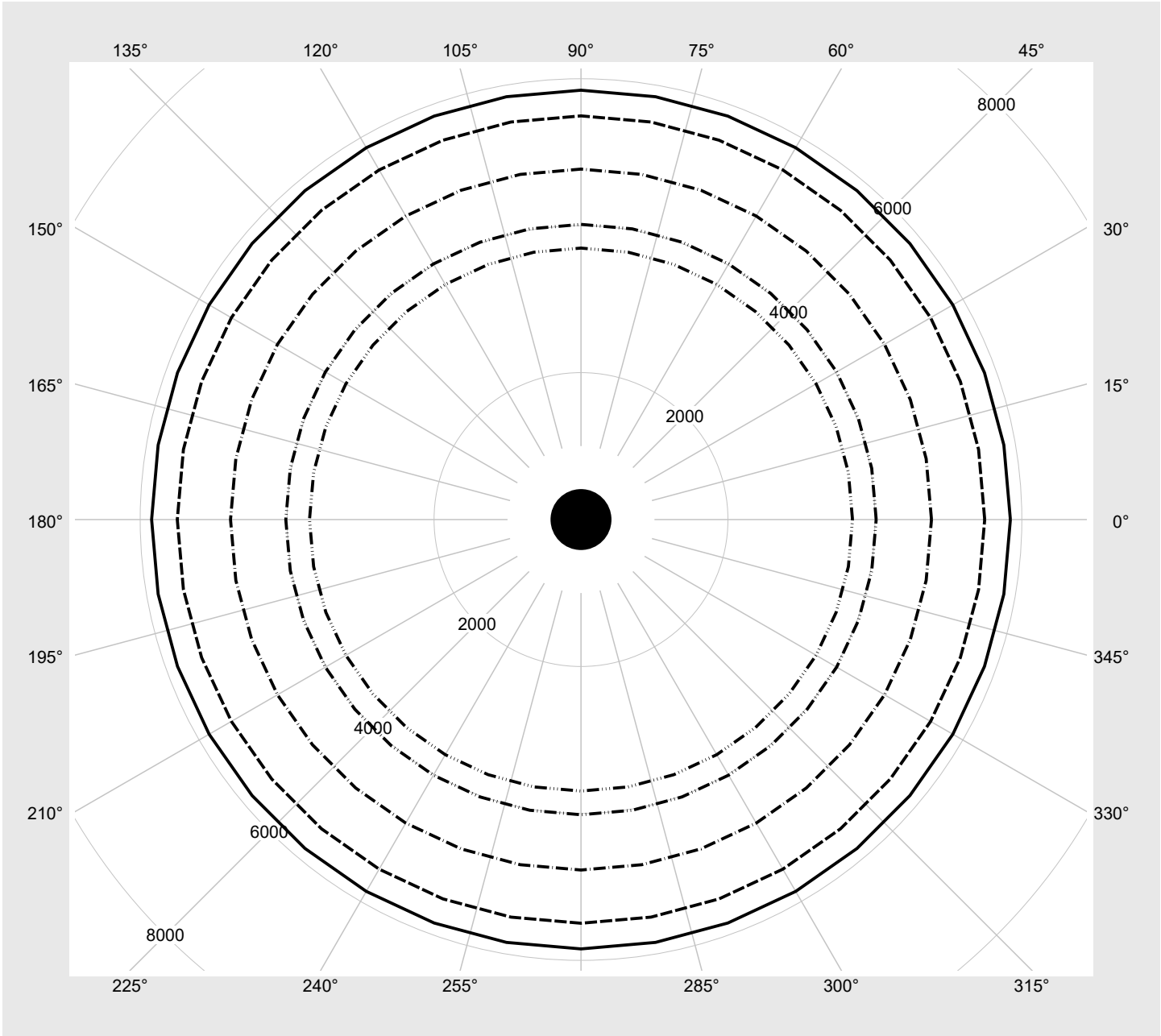
<b>C-planes</b>	<b>0°</b>
$\gamma$	<b>Luminance in cd/m<sup>2</sup></b>
45,0°	22550.6
50,0°	12528.6
55,0°	8517.8
60,0°	6657.8
65,0°	5844.2
70,0°	5494.8
75,0°	4770.4
80,0°	4018.0
85,0°	3695.3

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**Luminance values in cd/m<sup>2</sup>**        $\gamma$  65°      $\gamma$  70°      $\gamma$  75°      $\gamma$  80°      $\gamma$  85°

**siteco**



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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	4		
11	ON	OFF	ON	ON	3810	28.1
10	ON	OFF	ON	OFF	3570	25.9
9	ON	OFF	OFF	ON	3330	23.8
8	ON	OFF	OFF	OFF	3080	21.7
7	OFF	ON	ON	ON	2830	19.8
6	OFF	ON	ON	OFF	2570	17.7
5	OFF	ON	OFF	ON	2300	15.7
4	OFF	ON	OFF	OFF	2030	13.8
3	OFF	OFF	ON	ON	1760	11.7
2	OFF	OFF	ON	OFF	1470	9.9
1	OFF	OFF	OFF	ON	1180	8.1
0	OFF	OFF	OFF	OFF	880	6.2