

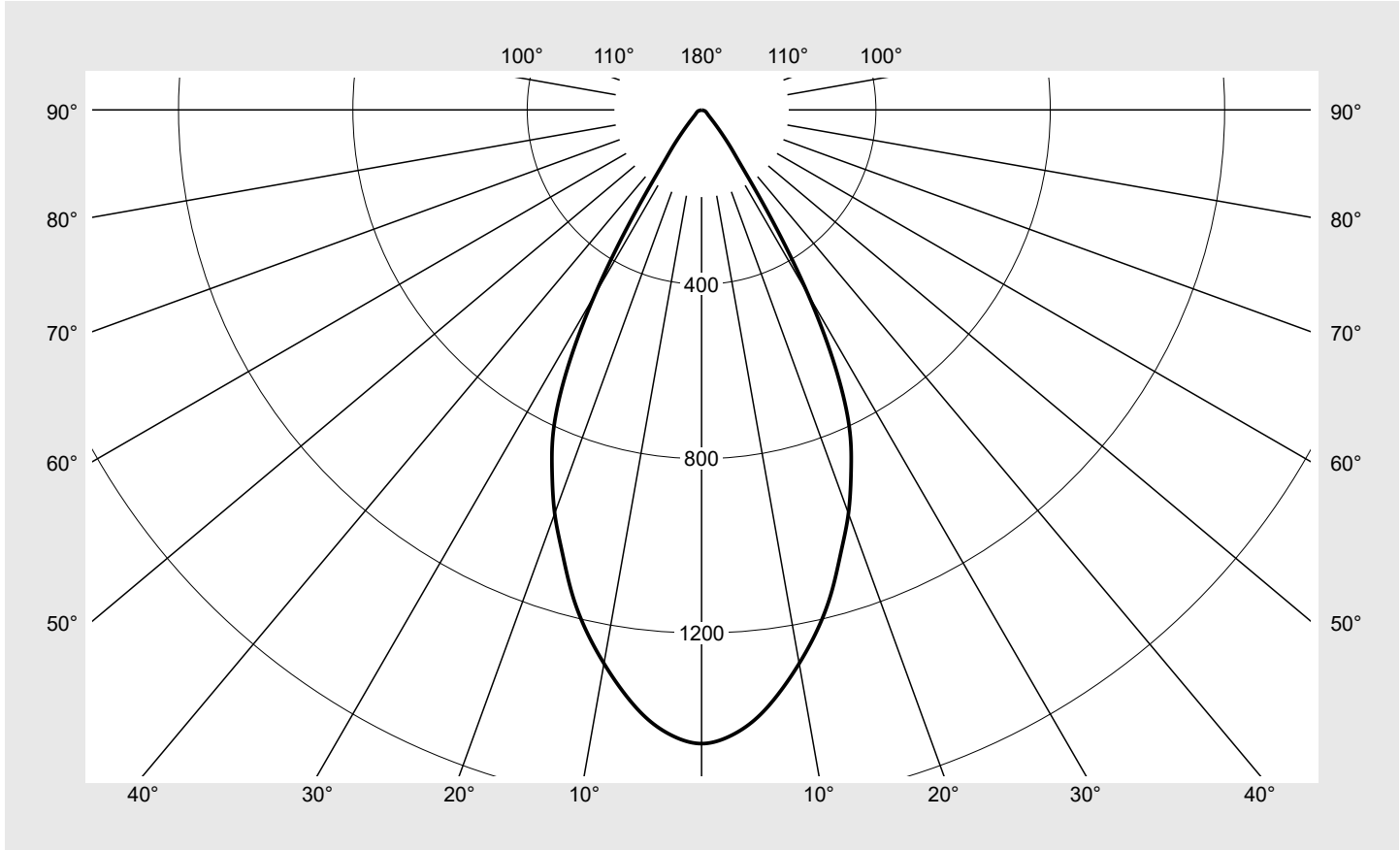


Photometric test report

Family Spot 21 Licross®	Order number: 51SL14MB11D2C EAN: 4069025502513	LP number 59931_40										
	<table border="0"> <tr> <td>Version</td> <td>housing, white, reflector, cover glass, transparent, wide distribution</td> </tr> <tr> <td>Lamps</td> <td>LED 4000 K CRI ≥ 90</td> </tr> <tr> <td>Controlgear</td> <td>ECG Multilumen</td> </tr> <tr> <td>Setting</td> <td>factory setting: DIP-Step=4</td> </tr> <tr> <td>Rated values</td> <td> Net luminous flux = 2950 lm Power consumption = 18.5 W Luminous efficacy = 159.5 lm/W </td> </tr> </table>	Version	housing, white, reflector, cover glass, transparent, wide distribution	Lamps	LED 4000 K CRI ≥ 90	Controlgear	ECG Multilumen	Setting	factory setting: DIP-Step=4	Rated values	Net luminous flux = 2950 lm Power consumption = 18.5 W Luminous efficacy = 159.5 lm/W	serial documentation 21.05.2026 
Version	housing, white, reflector, cover glass, transparent, wide distribution											
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Rated values	Net luminous flux = 2950 lm Power consumption = 18.5 W Luminous efficacy = 159.5 lm/W											

Luminous intensity in cd/klm C180-0 **Imax: 1454 cd/klm**



Classifications	
DIN 5040	A 7 0
CIE	N1=94 N2=98 N3=100 N4=100 N5=100

Luminaire light output ratios	
η_{LB}	100.0%
ϕ_u	100.0%
ϕ_o	0.0%

Measurement conditions
 DIN EN 13032 and DIN 5032

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Table of values for luminous intensities	Maximum luminous intensity	sITeco
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C-planes	0°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm	Luminous flux in lm/klm	
0,0°	1453.7	2.2	2.2
2,5°	1438.9	17.2	19.4
5,0°	1404.1	33.5	52.9
7,5°	1351.1	48.3	101.3
10,0°	1289.5	61.4	162.7
12,5°	1223.4	72.6	235.2
15,0°	1148.5	81.5	316.7
17,5°	1063.6	87.7	404.4
20,0°	985.2	92.4	496.8
22,5°	896.4	94.0	590.8
25,0°	801.5	92.9	683.7
27,5°	663.4	84.0	767.6
30,0°	489.2	67.1	834.7
32,5°	307.3	45.3	880.0
35,0°	173.2	27.2	907.2
37,5°	114.5	19.1	926.3
40,0°	77.4	13.6	940.0
42,5°	52.8	9.8	949.7
45,0°	37.7	7.3	957.0
47,5°	28.4	5.7	962.8
50,0°	22.7	4.8	967.6
52,5°	19.1	4.2	971.7
55,0°	16.7	3.8	975.5
57,5°	15.0	3.5	978.9
60,0°	13.6	3.2	982.2
62,5°	12.4	3.0	985.2
65,0°	11.2	2.8	988.0
67,5°	10.1	2.6	990.6
70,0°	9.0	2.3	992.9
72,5°	7.7	2.0	994.9
75,0°	6.2	1.6	996.5
77,5°	4.7	1.3	997.8
80,0°	3.6	1.0	998.8
82,5°	2.5	0.7	999.5
85,0°	1.5	0.4	999.9
87,5°	0.5	0.1	1000.0
90,0°	0.0	0.0	1000.0

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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	19.8	20.9	20.1	21.2	21.5	19.8	20.9	20.1	21.2	21.5
	3H	20.1	21.1	20.5	21.4	21.8	20.1	21.1	20.5	21.4	21.8
	4H	20.2	21.2	20.6	21.5	21.9	20.2	21.2	20.6	21.5	21.9
	6H	20.3	21.2	20.8	21.5	21.9	20.3	21.2	20.8	21.5	21.9
	8H	20.5	21.2	21.0	21.6	22.0	20.5	21.2	21.0	21.6	22.0
	12H	20.5	21.1	21.0	21.5	21.9	20.5	21.1	21.0	21.5	21.9
4H	2H	19.8	20.7	20.2	21.0	21.4	19.8	20.7	20.2	21.0	21.4
	3H	20.2	21.0	20.6	21.3	21.8	20.2	21.0	20.6	21.3	21.8
	4H	20.4	21.1	20.9	21.5	22.0	20.4	21.1	20.9	21.5	22.0
	6H	20.6	21.2	21.1	21.6	22.1	20.6	21.2	21.1	21.6	22.1
	8H	20.7	21.2	21.2	21.7	22.1	20.7	21.2	21.2	21.7	22.1
	12H	20.8	21.2	21.3	21.6	22.1	20.8	21.2	21.3	21.6	22.1
8H	4H	20.5	21.0	21.0	21.4	21.9	20.5	21.0	21.0	21.4	21.9
	6H	20.8	21.2	21.3	21.6	22.2	20.8	21.2	21.3	21.6	22.2
	8H	20.8	21.2	21.4	21.7	22.2	20.8	21.2	21.4	21.7	22.2
	12H	20.9	21.2	21.5	21.7	22.3	20.9	21.2	21.5	21.7	22.3
12H	4H	20.5	20.9	21.0	21.4	21.9	20.5	20.9	21.0	21.4	21.9
	6H	20.8	21.1	21.3	21.6	22.1	20.8	21.1	21.3	21.6	22.1
	8H	20.9	21.2	21.4	21.7	22.2	20.9	21.2	21.4	21.7	22.2

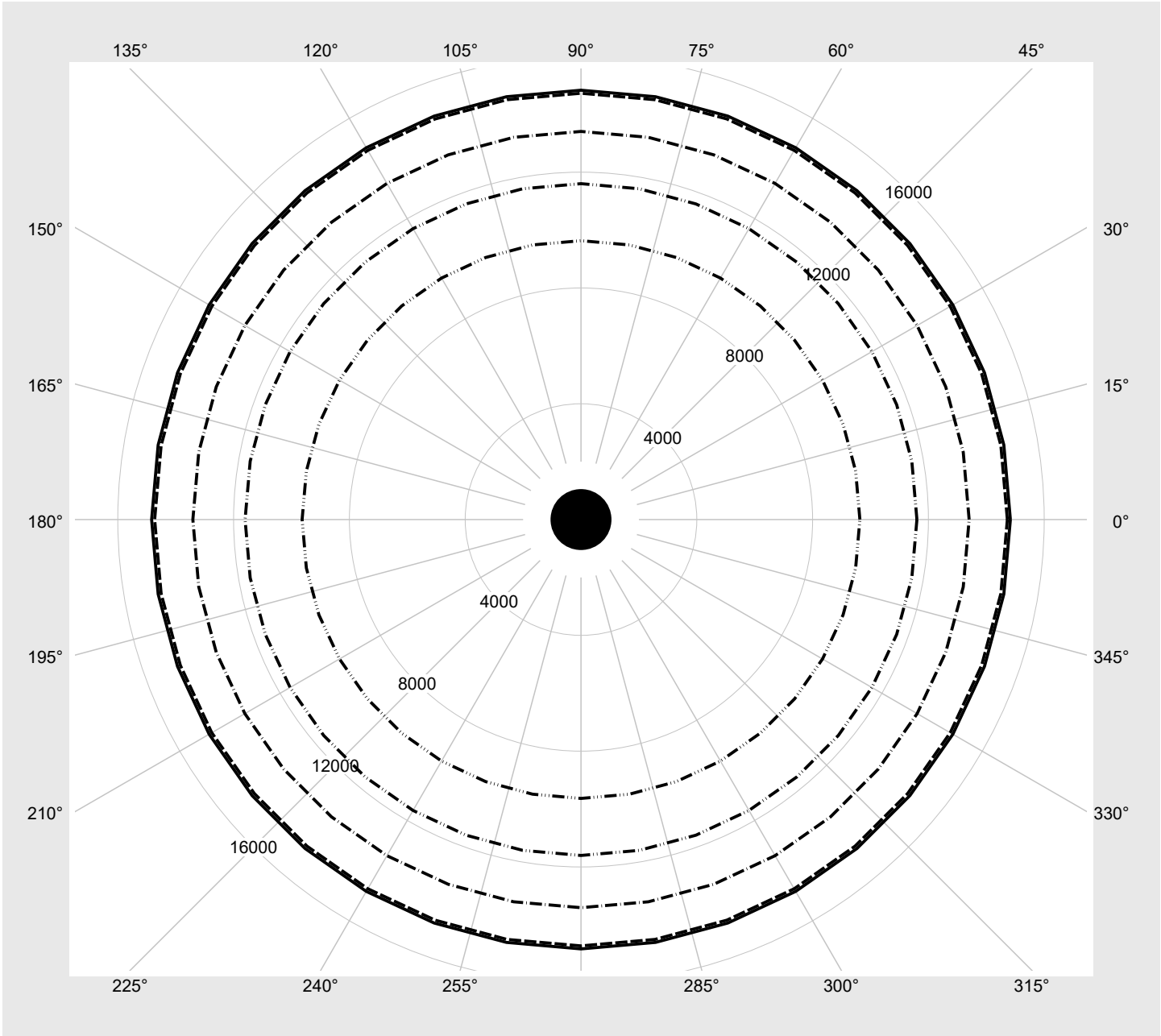
Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm: D = 82
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C-planes	0°
γ	Luminance in cd/m²
45,0°	29760.4
50,0°	19764.4
55,0°	16295.2
60,0°	15223.1
65,0°	14831.6
70,0°	14727.0
75,0°	13407.2
80,0°	11603.3
85,0°	9633.1

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



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Multilumen Table	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	3980	26.5
1	ON	OFF	OFF	3730	24.5
2	OFF	ON	OFF	3480	22.5
3	ON	ON	OFF	3220	20.5
4	OFF	OFF	ON	2950	18.5
5	ON	OFF	ON	2680	16.6
6	OFF	ON	ON	2410	14.8
7	ON	ON	ON	2120	12.9