

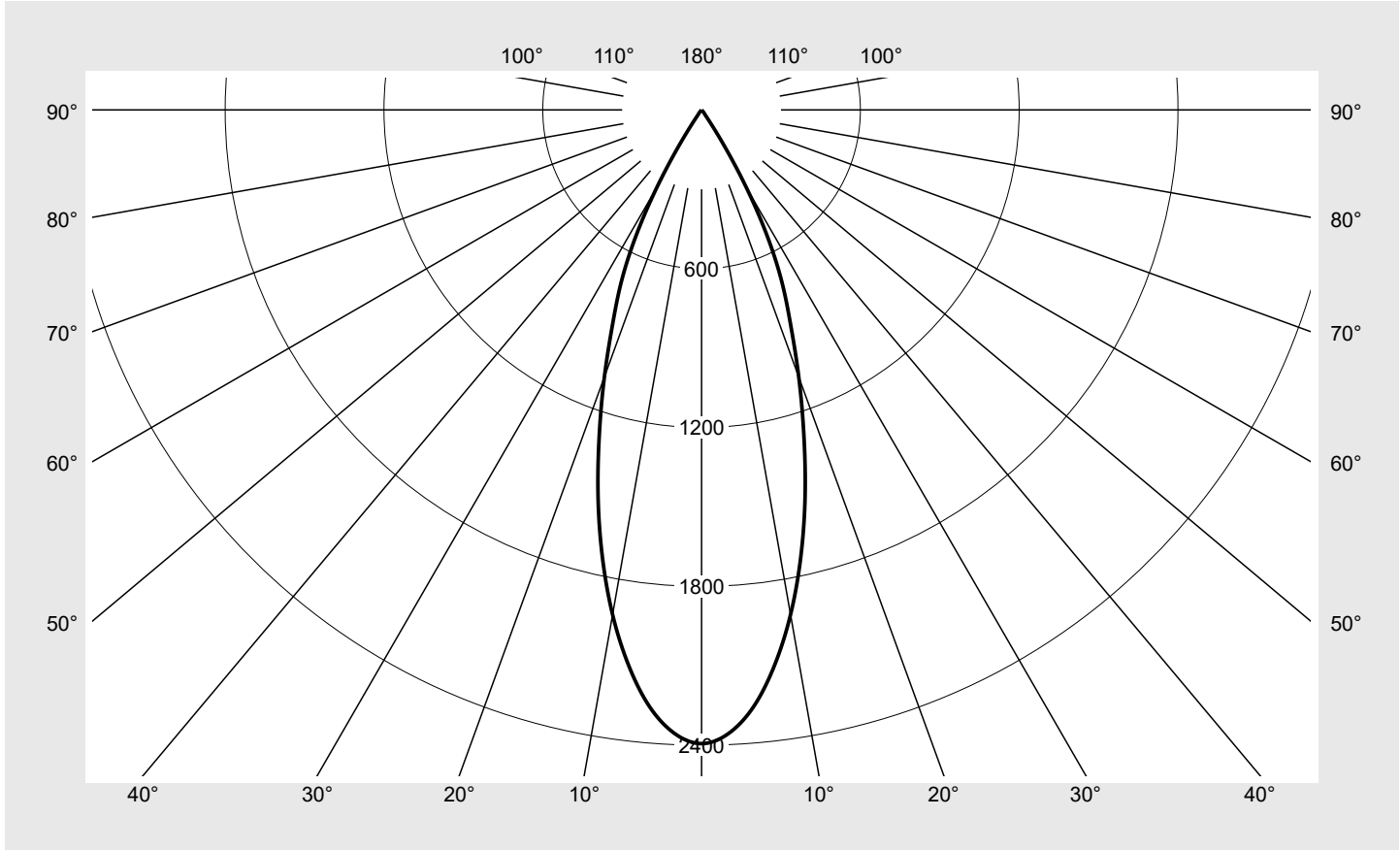


Photometric test report

Family Spot 21 Licross®	Order number: 51SL33DB11B2C EAN: 4069025502537	LP number 59933_40
	Version housing, black, reflector, cover glass, transparent, medium distribution Lamps LED 3000 K CRI ≥ 90 Controlgear ECG-DALI-Multilumen Setting factory setting: DIP-Step=7	serial documentation 21.05.2026
	Rated values Net luminous flux = 2790 lm Power consumption = 19.8 W Luminous efficacy = 140.9 lm/W	

Luminous intensity in cd/klm C180-0 **Imax: 2394 cd/klm**



Classifications	
DIN 5040	A 8 0
CIE	N1=99 N2=100 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°	2394.0	3.6	3.6
2,5°	2357.4	28.2	31.8
5,0°	2262.2	54.0	85.8
7,5°	2115.3	75.7	161.5
10,0°	1936.2	92.2	253.7
12,5°	1731.2	102.7	356.4
15,0°	1511.2	107.2	463.6
17,5°	1284.7	105.9	569.5
20,0°	1073.6	100.7	670.2
22,5°	880.1	92.3	762.5
25,0°	718.6	83.3	845.8
27,5°	537.0	68.0	913.7
30,0°	335.8	46.0	959.8
32,5°	147.9	21.8	981.5
35,0°	37.2	5.9	987.4
37,5°	18.1	3.0	990.4
40,0°	12.3	2.2	992.6
42,5°	9.0	1.7	994.3
45,0°	6.5	1.3	995.5
47,5°	4.7	1.0	996.5
50,0°	3.6	0.8	997.2
52,5°	2.8	0.6	997.8
55,0°	2.2	0.5	998.3
57,5°	1.8	0.4	998.8
60,0°	1.4	0.3	999.1
62,5°	1.1	0.3	999.4
65,0°	0.9	0.2	999.6
67,5°	0.7	0.2	999.8
70,0°	0.5	0.1	999.9
72,5°	0.3	0.1	1000.0
75,0°	0.1	0.0	1000.0
77,5°	0.0	0.0	1000.0
80,0°	0.0	0.0	1000.0
82,5°	0.0	0.0	1000.0
85,0°	0.0	0.0	1000.0
87,5°	0.0	0.0	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	12.8	13.8	13.2	14.1	14.5	12.8	13.8	13.2	14.1	14.5
	3H	12.7	13.5	13.1	13.9	14.2	12.7	13.5	13.1	13.9	14.2
	4H	12.6	13.4	13.0	13.7	14.1	12.6	13.4	13.0	13.7	14.1
	6H	12.5	13.2	12.9	13.6	14.0	12.5	13.2	12.9	13.6	14.0
	8H	12.6	13.1	13.0	13.5	13.9	12.6	13.1	13.0	13.5	13.9
	12H	12.5	13.0	13.0	13.4	13.8	12.5	13.0	13.0	13.4	13.8
4H	2H	12.6	13.4	13.0	13.7	14.1	12.6	13.4	13.0	13.7	14.1
	3H	12.4	13.0	12.8	13.4	13.8	12.4	13.0	12.8	13.4	13.8
	4H	12.3	12.8	12.7	13.2	13.7	12.3	12.8	12.7	13.2	13.7
	6H	12.1	12.6	12.6	13.1	13.5	12.1	12.6	12.6	13.1	13.5
	8H	12.1	12.5	12.6	13.0	13.5	12.1	12.5	12.6	13.0	13.5
	12H	12.1	12.4	12.6	12.9	13.4	12.1	12.4	12.6	12.9	13.4
8H	4H	12.1	12.5	12.6	13.0	13.5	12.1	12.5	12.6	13.0	13.5
	6H	12.0	12.3	12.5	12.8	13.3	12.0	12.3	12.5	12.8	13.3
	8H	11.9	12.2	12.4	12.7	13.2	11.9	12.2	12.4	12.7	13.2
	12H	11.8	12.1	12.4	12.6	13.1	11.8	12.1	12.4	12.6	13.1
12H	4H	12.1	12.4	12.6	12.9	13.4	12.1	12.4	12.6	12.9	13.4
	6H	11.9	12.2	12.5	12.7	13.2	11.9	12.2	12.5	12.7	13.2
	8H	11.8	12.1	12.4	12.6	13.1	11.8	12.1	12.4	12.6	13.1

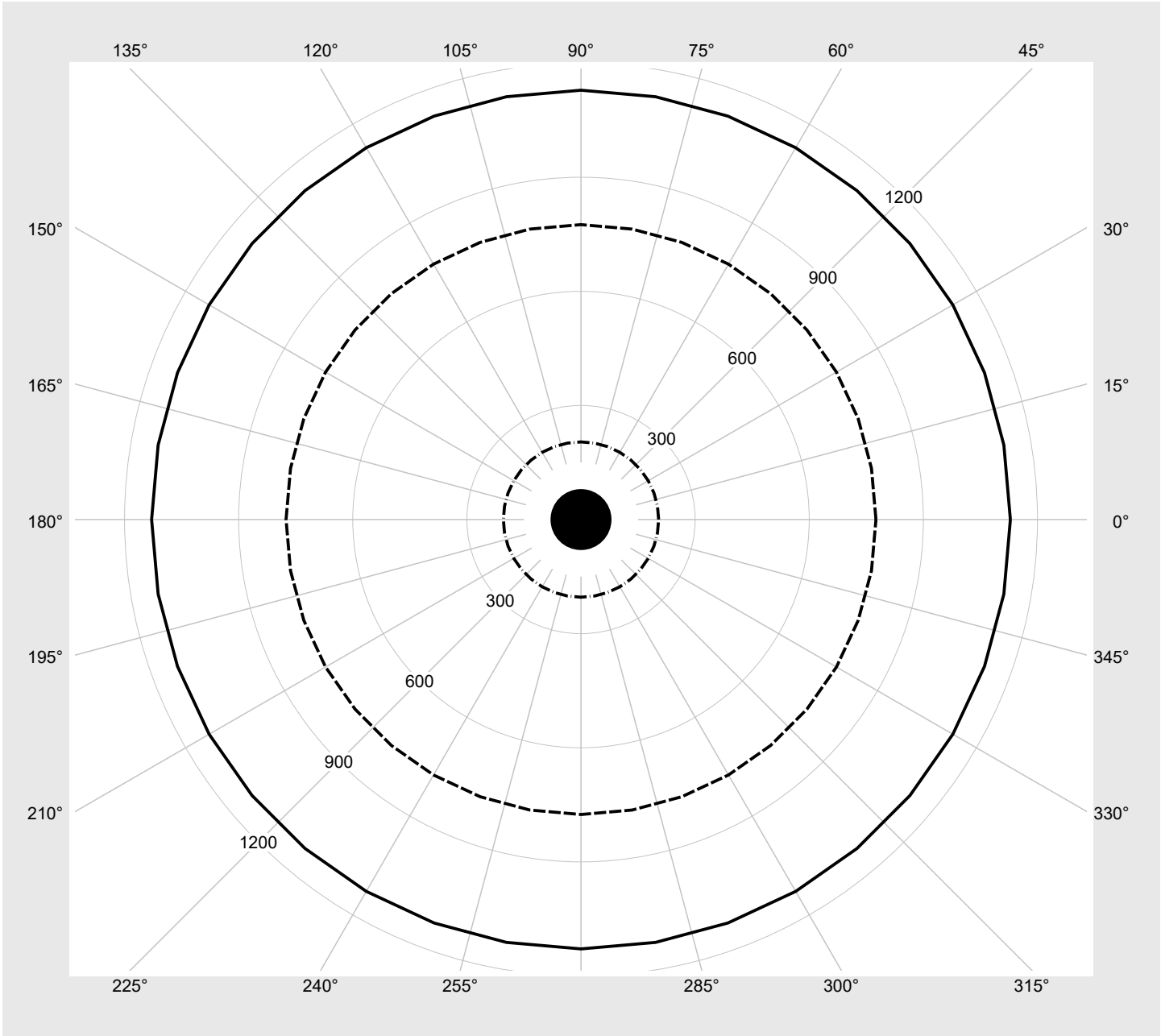
Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm: D = 82
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C-planes	0°
γ	Luminance in cd/m²
45,0°	4872.8
50,0°	2968.7
55,0°	2032.8
60,0°	1484.5
65,0°	1128.8
70,0°	775.4
75,0°	204.1
80,0°	0.0
85,0°	0.0

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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	4		
11	ON	OFF	ON	ON	3760	28.1
10	ON	OFF	ON	OFF	3530	25.9
9	ON	OFF	OFF	ON	3290	23.8
8	ON	OFF	OFF	OFF	3040	21.7
7	OFF	ON	ON	ON	2790	19.8
6	OFF	ON	ON	OFF	2530	17.7
5	OFF	ON	OFF	ON	2270	15.7
4	OFF	ON	OFF	OFF	2010	13.8
3	OFF	OFF	ON	ON	1730	11.7
2	OFF	OFF	ON	OFF	1450	9.9
1	OFF	OFF	OFF	ON	1170	8.1
0	OFF	OFF	OFF	OFF	870	6.2