

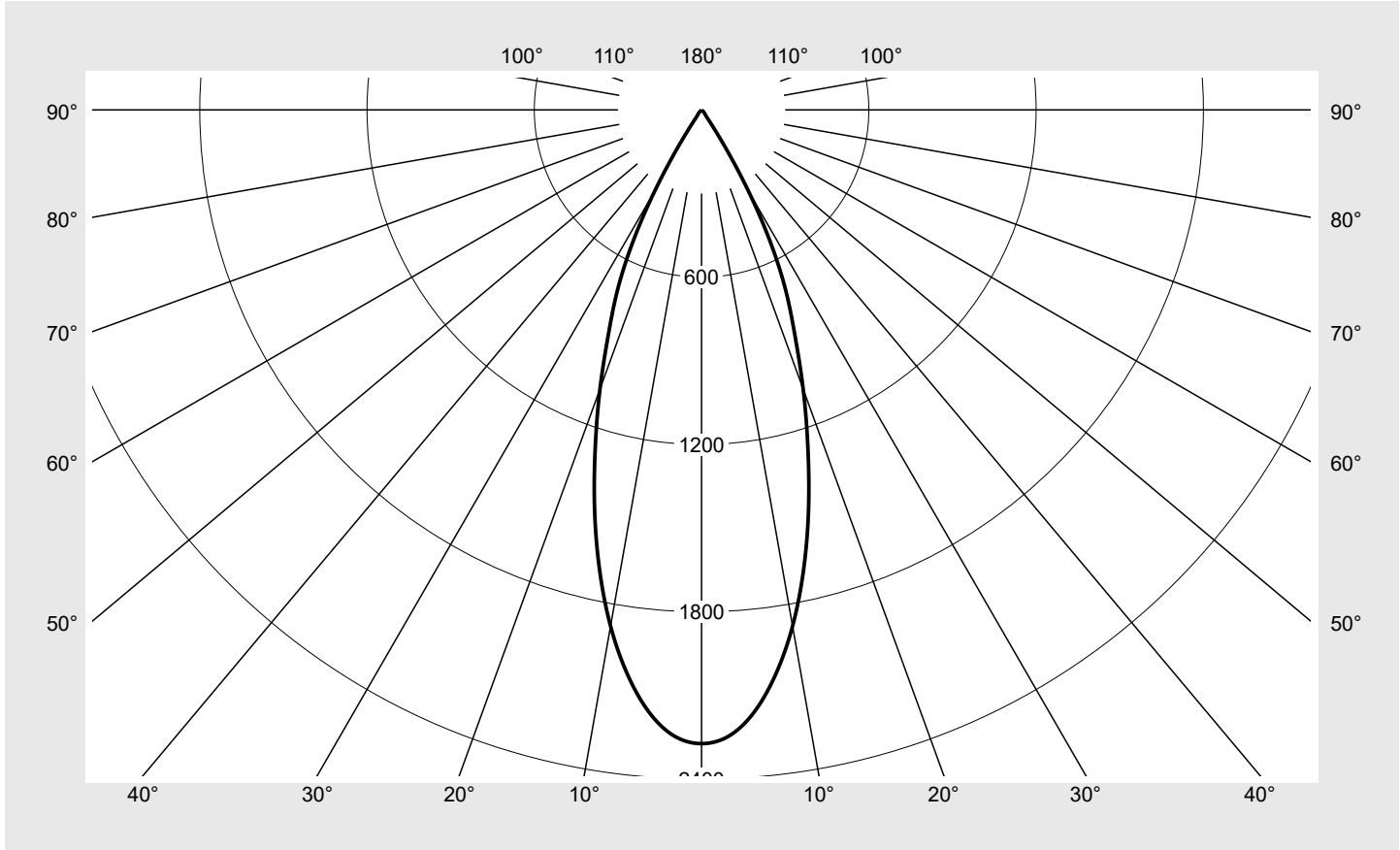


Photometric test report

Family Spot 21 Licross®	Order number: 51SL63MB11D2C EAN: 4069025502698	LP number 59936_36
	Version housing, white aluminium, reflector, cover glass, transparent, medium distribution Lamps LED 4000 K CRI ≥ 90 Controlgear ECG Multilumen Setting factory setting: DIP-Step=4	serial documentation 21.05.2026
	Rated values Net luminous flux = 2900 lm Power consumption = 18.5 W Luminous efficacy = 156.8 lm/W	

Luminous intensity in cd/klm C180-0 **Imax: 2273 cd/klm**



Classifications	
DIN 5040	A 8 0
CIE	N1=98 N2=99 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
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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°	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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UGR-Table		Standard room									
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

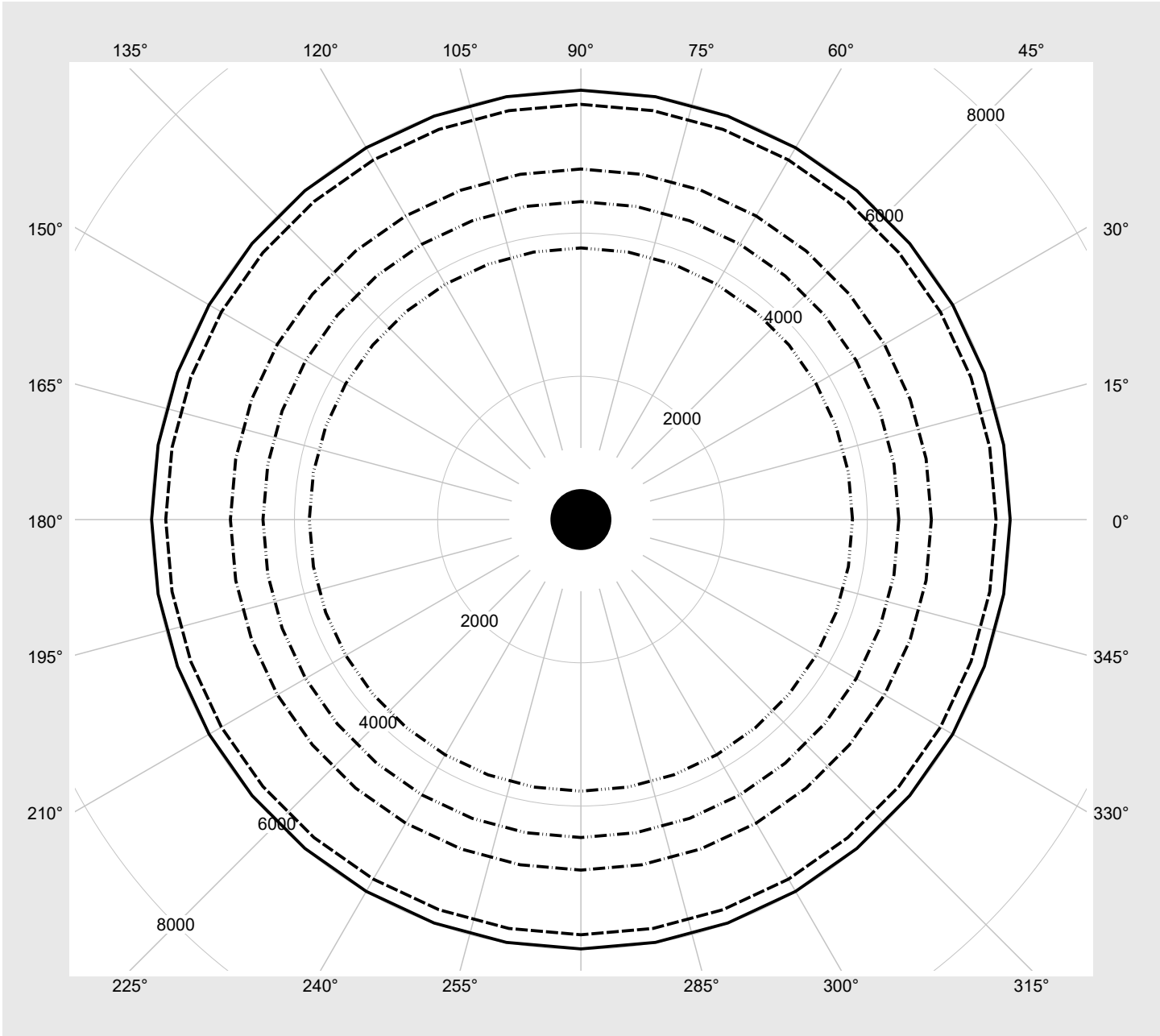
Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm: D = 82
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C-planes	0°
γ	Luminance in cd/m ²
45,0°	8802.7
50,0°	7026.7
55,0°	6337.9
60,0°	6059.2
65,0°	5995.3
70,0°	5797.7
75,0°	4894.8
80,0°	4439.9
85,0°	3793.0

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



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Multilumen Table	environmental temperature: 25°C	sITeco
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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