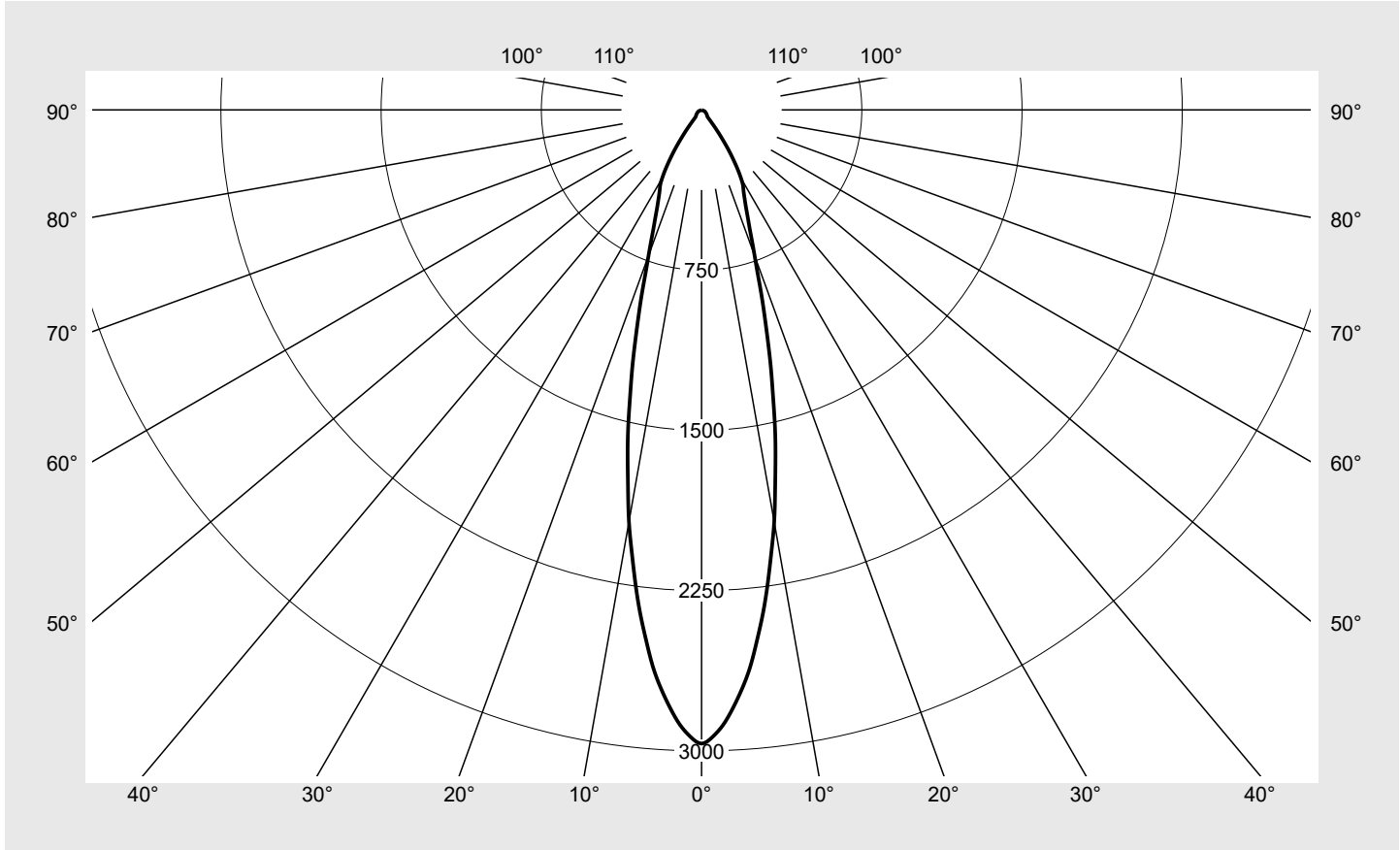


Photometric test report

Family Licross® Spot 31	Order number: 51SL13DA45B EAN: 4058352863701	LP number 59382_26
	Version reflector, cover, polycarbonate, medium distribution, luminaire housing, aluminium, white	serial documentation 12.07.2023
	Lamps LED 4000 K CRI ≥ 90 Controlgear ECG-DALI Setting factory setting: DIP-Step=7 Rated values Net luminous flux = 5190 lm Power consumption = 43.9 W Luminous efficacy = 118.2 lm/W	
		

Luminous intensity in cd/klm C180-0 **Imax: 2966 cd/klm**



Classifications	
DIN 5040	A 7 0
CIE	N1=92 N2=97 N3=99 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

Photometric test report

Family Licross® Spot 31	Order number: 51SL13DA45B EAN: 4058352863701	LP number 59382_26
Table of values for luminous intensities		Maximum luminous intensity
		sITeco

C-planes	0°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm		Luminous flux in lm/klm
0°	2966.0	0.7	0.7
1°	2935.3	5.6	6.3
2°	2880.8	11.0	17.4
3°	2803.7	16.1	33.4
4°	2715.9	20.8	54.2
5°	2615.6	25.0	79.2
6°	2492.2	28.6	107.8
7°	2367.9	31.6	139.4
8°	2231.3	34.1	173.5
9°	2091.5	35.9	209.4
10°	1957.8	37.3	246.6
11°	1804.9	37.8	284.4
12°	1664.3	37.9	322.4
13°	1528.2	37.7	360.1
14°	1383.5	36.7	396.8
15°	1255.3	35.6	432.4
16°	1127.0	34.1	466.5
17°	1009.5	32.4	498.8
18°	903.9	30.6	529.4
19°	802.9	28.7	558.1
20°	726.0	27.2	585.3
21°	660.5	26.0	611.3
22°	603.1	24.8	636.1
23°	558.2	23.9	660.0
24°	518.6	23.1	683.1
25°	485.6	22.5	705.6
26°	458.6	22.0	727.7
27°	434.7	21.6	749.3
28°	416.1	21.4	770.7
29°	397.5	21.1	791.9
30°	368.6	20.2	812.1
31°	335.4	18.9	831.0
32°	298.6	17.4	848.4
33°	261.5	15.6	864.0
34°	225.0	13.8	877.8
35°	185.8	11.7	889.5
36°	149.8	9.7	899.1
37°	117.2	7.7	906.9
38°	85.2	5.8	912.6
39°	61.6	4.2	916.9
40°	45.9	3.2	920.1
41°	41.9	3.0	923.1
42°	40.0	2.9	926.1
43°	37.9	2.8	928.9
44°	37.0	2.8	931.7
45°	36.2	2.8	934.5
46°	35.1	2.8	937.3

C-planes	0°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm		Luminous flux in lm/klm
47°	33.8	2.7	940.0
48°	32.6	2.7	942.7
49°	31.6	2.6	945.3
50°	30.5	2.6	947.8
51°	29.3	2.5	950.3
52°	28.6	2.5	952.8
53°	27.2	2.4	955.2
54°	26.0	2.3	957.5
55°	25.2	2.3	959.7
56°	24.0	2.2	961.9
57°	22.7	2.1	964.0
58°	22.0	2.0	966.1
59°	20.9	2.0	968.0
60°	20.3	1.9	970.0
61°	19.0	1.8	971.8
62°	18.6	1.8	973.6
63°	17.5	1.7	975.3
64°	16.9	1.7	977.0
65°	16.1	1.6	978.6
66°	15.7	1.6	980.1
67°	14.9	1.5	981.6
68°	14.5	1.5	983.1
69°	13.8	1.4	984.5
70°	13.7	1.4	985.9
71°	12.9	1.3	987.3
72°	12.3	1.3	988.6
73°	11.8	1.2	989.8
74°	11.2	1.2	991.0
75°	10.5	1.1	992.1
76°	9.7	1.0	993.1
77°	8.3	0.9	994.0
78°	7.2	0.8	994.8
79°	6.7	0.7	995.5
80°	6.4	0.7	996.2
81°	5.7	0.6	996.8
82°	5.0	0.5	997.3
83°	4.7	0.5	997.9
84°	4.0	0.4	998.3
85°	3.5	0.4	998.7
86°	3.2	0.4	999.0
87°	2.7	0.3	999.3
88°	2.6	0.3	999.6
89°	2.4	0.3	999.9
90°	2.4	0.3	1000.1

Photometric test report

Family Licross® Spot 31	Order number: 51SL13DA45B EAN: 4058352863701	LP number 59382_26
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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	22.3	23.4	22.7	23.7	24.0	22.3	23.4	22.7	23.7	24.0
	3H	23.0	24.0	23.4	24.3	24.7	23.0	24.0	23.4	24.3	24.7
	4H	23.5	24.3	23.9	24.7	25.1	23.5	24.3	23.9	24.7	25.1
	6H	23.8	24.6	24.2	24.9	25.3	23.8	24.6	24.2	24.9	25.3
	8H	24.0	24.7	24.4	25.0	25.4	24.0	24.7	24.4	25.0	25.4
12H	24.1	24.7	24.6	25.1	25.5	24.1	24.7	24.6	25.1	25.5	
4H	2H	22.5	23.4	22.9	23.7	24.1	22.5	23.4	22.9	23.7	24.1
	3H	23.4	24.2	23.9	24.5	25.0	23.4	24.2	23.9	24.5	25.0
	4H	24.0	24.7	24.5	25.1	25.5	24.0	24.7	24.5	25.1	25.5
	6H	24.4	25.0	24.9	25.4	25.9	24.4	25.0	24.9	25.4	25.9
	8H	24.7	25.1	25.1	25.6	26.1	24.7	25.1	25.1	25.6	26.1
12H	24.8	25.2	25.3	25.7	26.2	24.8	25.2	25.3	25.7	26.2	
8H	4H	24.2	24.7	24.7	25.1	25.6	24.2	24.7	24.7	25.1	25.6
	6H	24.8	25.1	25.3	25.6	26.1	24.8	25.1	25.3	25.6	26.1
	8H	25.0	25.4	25.5	25.9	26.4	25.0	25.4	25.5	25.9	26.4
	12H	25.3	25.6	25.8	26.1	26.6	25.3	25.6	25.8	26.1	26.6
12H	4H	24.2	24.6	24.7	25.1	25.6	24.2	24.6	24.7	25.1	25.6
	6H	24.8	25.1	25.3	25.6	26.2	24.8	25.1	25.3	25.6	26.2
	8H	25.1	25.4	25.6	25.9	26.4	25.1	25.4	25.6	25.9	26.4

Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm: D = 79
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C-planes	0°
γ	Luminance in cd/m²
45°	54182.0
50°	50171.5
55°	46476.8
60°	42998.8
65°	40369.3
70°	42347.3
75°	42922.5
80°	38755.8
85°	42617.4

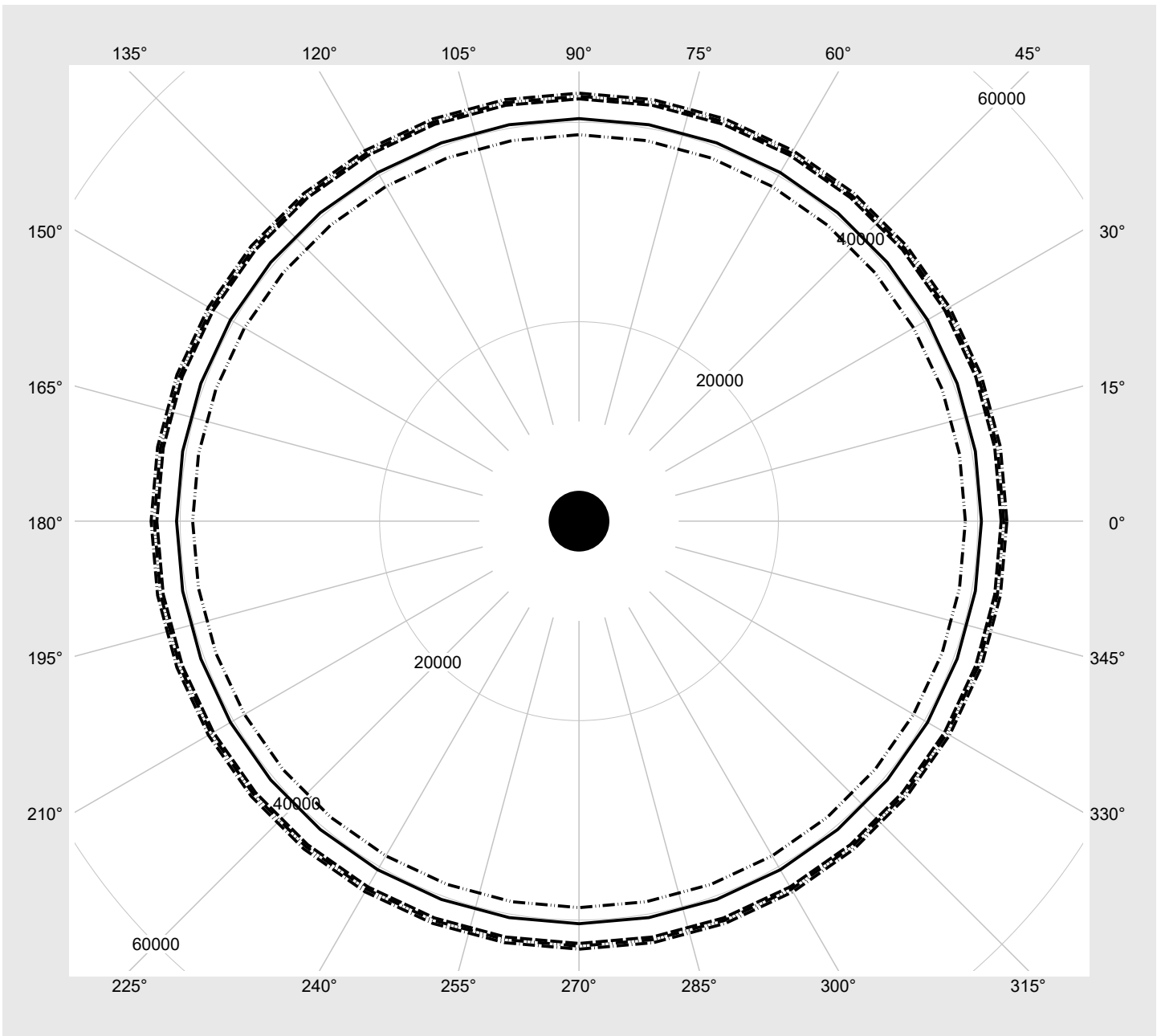
Photometric test report

Family Licross® Spot 31	Order number: 51SL13DA45B EAN: 4058352863701	LP number 59382_26
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Luminance values in cd/m²

γ 65°	γ 70°	γ 75°	γ 80°	γ 85°
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siteco



Photometric test report

Family Licross® Spot 31	Order number: 51SL13DA45B EAN: 4058352863701	LP number 59382_26
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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		
7	ON	ON	ON	5190	43.9
6	OFF	ON	ON	4980	41.7
5	ON	OFF	ON	4780	39.5
4	OFF	OFF	ON	4540	37.3
3	ON	ON	OFF	4360	35.1
2	OFF	ON	OFF	4130	32.9
1	ON	OFF	OFF	3880	30.7
0	OFF	OFF	OFF	3680	28.6