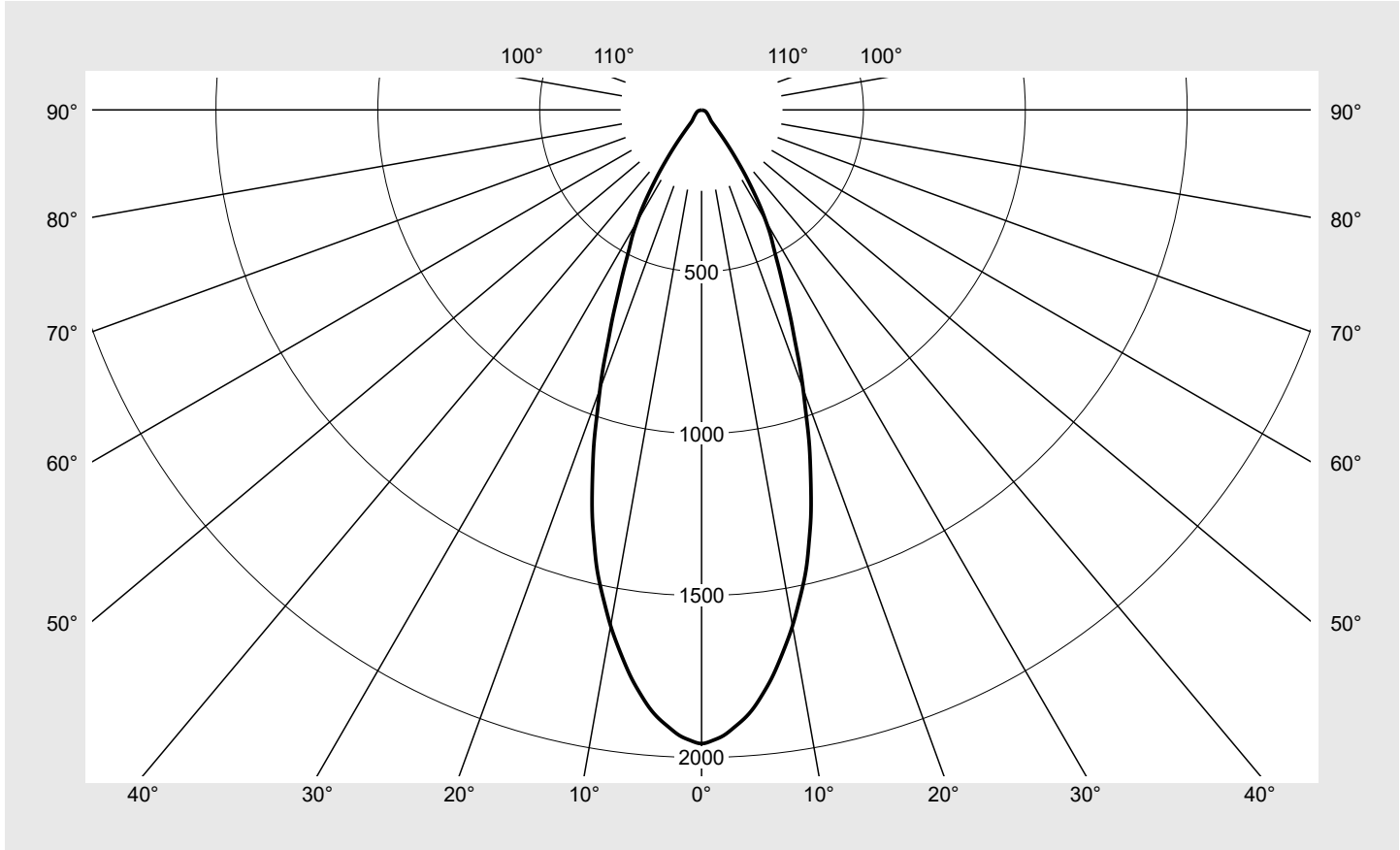


Photometric test report

Family Licross® Spot 31	Order number: 51SL34DA45B EAN: 4058352865255	LP number 59383_34
	Version reflector, cover, polycarbonate, wide distribution, luminaire housing, aluminium, black	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 = 5250 lm	
Power consumption = 43.7 W	Luminous efficacy = 120.1 lm/W	

Luminous intensity in cd/klm C180-0 **I_{max}: 1957 cd/klm**



Classifications	
DIN 5040	A 7 0
CIE	N1=93 N2=97 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

Photometric test report

Family Licross® Spot 31	Order number: 51SL34DA45B EAN: 4058352865255	LP number 59383_34
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°	1957.2	0.5	0.5
1°	1947.9	3.7	4.2
2°	1933.7	7.4	11.6
3°	1910.2	11.0	22.6
4°	1885.0	14.4	37.0
5°	1853.1	17.7	54.7
6°	1812.8	20.8	75.5
7°	1769.9	23.7	99.1
8°	1720.6	26.3	125.4
9°	1670.0	28.6	154.0
10°	1618.0	30.8	184.8
11°	1560.5	32.7	217.5
12°	1503.8	34.3	251.8
13°	1443.5	35.6	287.4
14°	1372.9	36.4	323.8
15°	1303.8	37.0	360.8
16°	1226.3	37.1	397.9
17°	1149.0	36.8	434.7
18°	1073.5	36.4	471.1
19°	990.1	35.4	506.4
20°	917.2	34.4	540.8
21°	845.5	33.2	574.1
22°	770.3	31.6	605.7
23°	709.0	30.4	636.1
24°	648.2	28.9	665.0
25°	594.2	27.5	692.5
26°	547.0	26.3	718.8
27°	503.0	25.0	743.9
28°	468.0	24.1	768.0
29°	436.1	23.2	791.2
30°	397.9	21.8	813.0
31°	360.0	20.3	833.3
32°	318.2	18.5	851.8
33°	275.9	16.5	868.3
34°	236.3	14.5	882.8
35°	195.2	12.3	895.1
36°	158.3	10.2	905.3
37°	123.4	8.1	913.4
38°	90.3	6.1	919.5
39°	65.5	4.5	924.0
40°	49.4	3.5	927.5
41°	44.2	3.2	930.7
42°	41.5	3.0	933.7
43°	38.8	2.9	936.6
44°	37.0	2.8	939.4
45°	35.2	2.7	942.2
46°	33.5	2.6	944.8

C-planes	0°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm		Luminous flux in lm/klm
47°	31.9	2.6	947.4
48°	30.5	2.5	949.8
49°	29.1	2.4	952.3
50°	27.9	2.3	954.6
51°	26.6	2.3	956.9
52°	25.6	2.2	959.1
53°	24.6	2.2	961.2
54°	23.5	2.1	963.3
55°	22.7	2.0	965.4
56°	21.8	2.0	967.3
57°	21.0	1.9	969.3
58°	20.3	1.9	971.1
59°	19.5	1.8	973.0
60°	18.8	1.8	974.8
61°	18.2	1.7	976.5
62°	17.5	1.7	978.2
63°	16.9	1.7	979.9
64°	16.2	1.6	981.5
65°	15.6	1.6	983.0
66°	15.1	1.5	984.5
67°	14.5	1.5	986.0
68°	13.8	1.4	987.4
69°	13.2	1.3	988.7
70°	12.5	1.3	990.0
71°	11.9	1.2	991.3
72°	11.2	1.2	992.4
73°	10.5	1.1	993.5
74°	9.7	1.0	994.6
75°	8.8	0.9	995.5
76°	7.7	0.8	996.3
77°	6.2	0.7	997.0
78°	5.2	0.6	997.5
79°	4.6	0.5	998.0
80°	4.0	0.4	998.5
81°	3.5	0.4	998.8
82°	3.0	0.3	999.2
83°	2.4	0.3	999.4
84°	1.9	0.2	999.6
85°	1.5	0.2	999.8
86°	1.0	0.1	999.9
87°	0.6	0.1	1000.0
88°	0.2	0.0	1000.0
89°	0.1	0.0	1000.0
90°	0.1	0.0	1000.0

Photometric test report

Family Licross® Spot 31	Order number: 51SL34DA45B EAN: 4058352865255	LP number 59383_34
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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	22.4	23.5	22.7	23.8	24.1	22.4	23.5	22.7	23.8	24.1
	3H	23.0	24.0	23.4	24.3	24.7	23.0	24.0	23.4	24.3	24.7
	4H	23.3	24.2	23.7	24.6	24.9	23.3	24.2	23.7	24.6	24.9
	6H	23.5	24.3	23.9	24.6	25.0	23.5	24.3	23.9	24.6	25.0
	8H	23.6	24.2	24.0	24.6	25.0	23.6	24.2	24.0	24.6	25.0
	12H	23.6	24.2	24.0	24.6	25.0	23.6	24.2	24.0	24.6	25.0
4H	2H	22.5	23.4	22.9	23.8	24.1	22.5	23.4	22.9	23.8	24.1
	3H	23.3	24.1	23.8	24.5	24.9	23.3	24.1	23.8	24.5	24.9
	4H	23.8	24.4	24.2	24.8	25.3	23.8	24.4	24.2	24.8	25.3
	6H	24.0	24.5	24.4	24.9	25.4	24.0	24.5	24.4	24.9	25.4
	8H	24.0	24.5	24.5	25.0	25.4	24.0	24.5	24.5	25.0	25.4
	12H	24.1	24.5	24.6	24.9	25.4	24.1	24.5	24.6	24.9	25.4
8H	4H	23.9	24.4	24.4	24.8	25.3	23.9	24.4	24.4	24.8	25.3
	6H	24.1	24.5	24.6	25.0	25.5	24.1	24.5	24.6	25.0	25.5
	8H	24.2	24.5	24.7	25.0	25.6	24.2	24.5	24.7	25.0	25.6
	12H	24.2	24.5	24.8	25.0	25.6	24.2	24.5	24.8	25.0	25.6
12H	4H	23.9	24.3	24.4	24.7	25.2	23.9	24.3	24.4	24.7	25.2
	6H	24.1	24.4	24.6	24.9	25.5	24.1	24.4	24.6	24.9	25.5
	8H	24.2	24.5	24.7	25.0	25.5	24.2	24.5	24.7	25.0	25.5

Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm: D = 79
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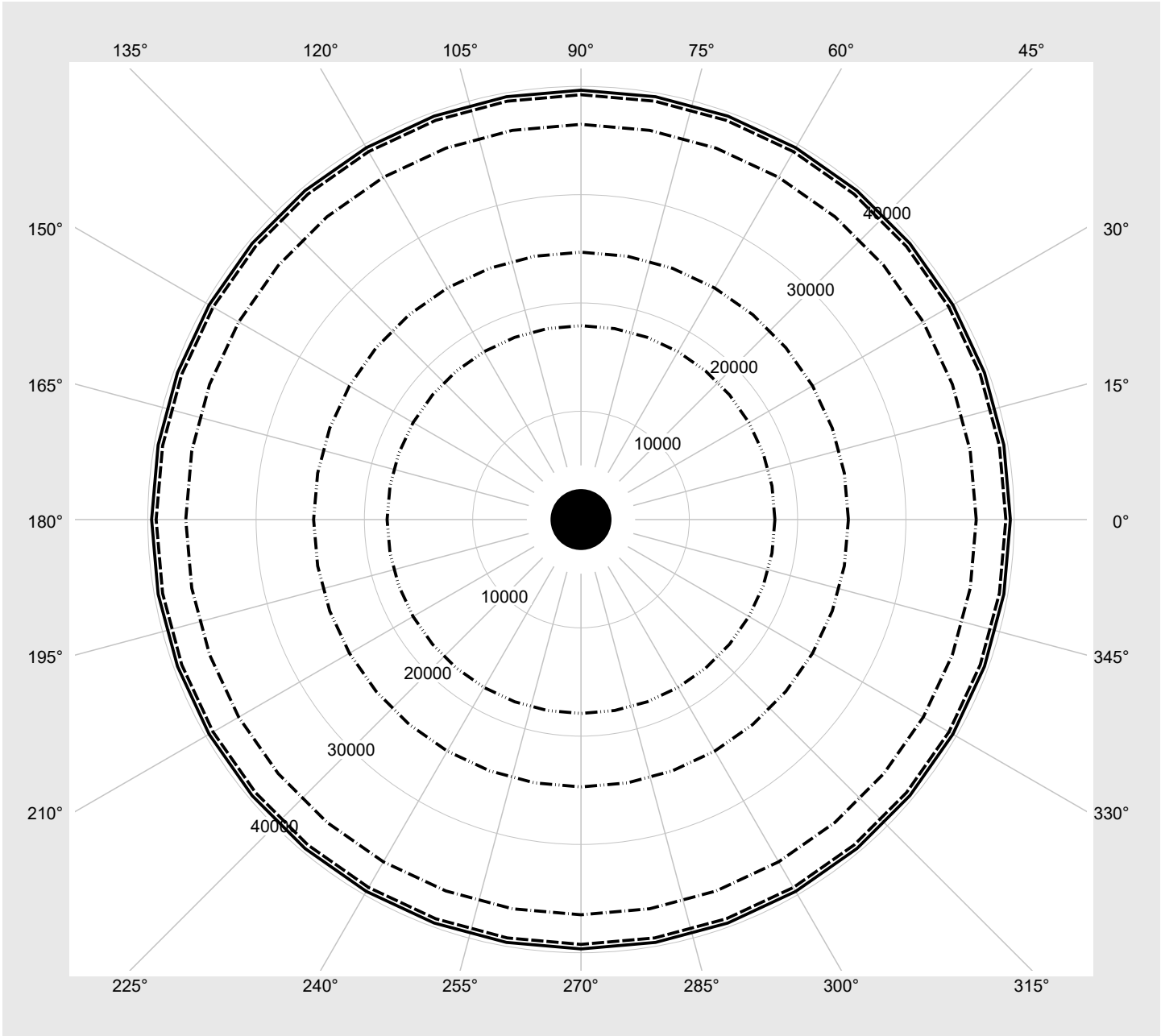
C-planes	0°
γ	Luminance in cd/m²
45°	53257.3
50°	46427.5
55°	42381.2
60°	40297.7
65°	39647.4
70°	39229.3
75°	36495.4
80°	24690.5
85°	17905.2

Photometric test report

Family Licross® Spot 31	Order number: 51SL34DA45B EAN: 4058352865255	LP number 59383_34
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Luminance values in cd/m² γ 65° γ 70° γ 75° γ 80° γ 85°



Photometric test report

Family Licross® Spot 31	Order number: 51SL34DA45B EAN: 4058352865255	LP number 59383_34
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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		
7	ON	ON	ON	5250	43.7
6	OFF	ON	ON	5040	41.6
5	ON	OFF	ON	4830	39.3
4	OFF	OFF	ON	4520	37.2
3	ON	ON	OFF	4410	35.0
2	OFF	ON	OFF	4180	32.8
1	ON	OFF	OFF	3930	30.6
0	OFF	OFF	OFF	3720	28.5