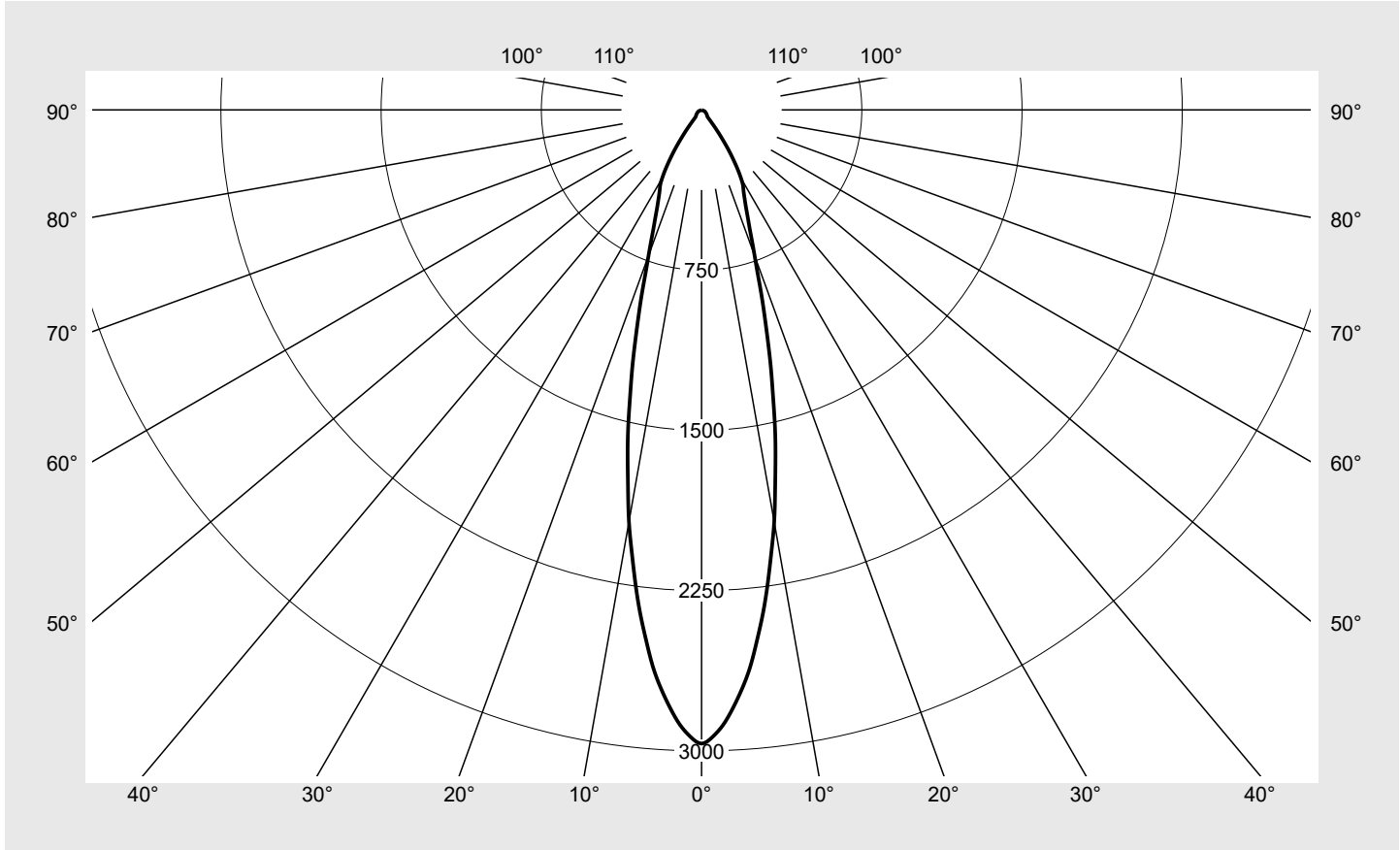


Photometric test report

Family Licross® Spot 31	Order number: 51SL33DA43B EAN: 4058352865071	LP number 59382_22
	Version reflector, cover, polycarbonate, medium 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 = 3680 lm Power consumption = 28.6 W Luminous efficacy = 128.7 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: 51SL33DA43B EAN: 4058352865071	LP number 59382_22
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: 51SL33DA43B EAN: 4058352865071	LP number 59382_22
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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	21.1	22.2	21.5	22.5	22.8	21.1	22.2	21.5	22.5	22.8
	3H	21.8	22.8	22.2	23.1	23.5	21.8	22.8	22.2	23.1	23.5
	4H	22.3	23.1	22.7	23.5	23.9	22.3	23.1	22.7	23.5	23.9
	6H	22.6	23.4	23.0	23.7	24.1	22.6	23.4	23.0	23.7	24.1
	8H	22.8	23.5	23.2	23.8	24.3	22.8	23.5	23.2	23.8	24.3
	12H	22.9	23.5	23.4	23.9	24.3	22.9	23.5	23.4	23.9	24.3
4H	2H	21.3	22.2	21.7	22.5	22.9	21.3	22.2	21.7	22.5	22.9
	3H	22.2	23.0	22.7	23.4	23.8	22.2	23.0	22.7	23.4	23.8
	4H	22.8	23.5	23.3	23.9	24.3	22.8	23.5	23.3	23.9	24.3
	6H	23.3	23.8	23.7	24.2	24.7	23.3	23.8	23.7	24.2	24.7
	8H	23.5	23.9	23.9	24.4	24.9	23.5	23.9	23.9	24.4	24.9
	12H	23.7	24.0	24.1	24.5	25.0	23.7	24.0	24.1	24.5	25.0
8H	4H	23.0	23.5	23.5	23.9	24.4	23.0	23.5	23.5	23.9	24.4
	6H	23.6	24.0	24.1	24.4	24.9	23.6	24.0	24.1	24.4	24.9
	8H	23.8	24.2	24.3	24.7	25.2	23.8	24.2	24.3	24.7	25.2
	12H	24.1	24.4	24.6	24.9	25.4	24.1	24.4	24.6	24.9	25.4
12H	4H	23.0	23.4	23.5	23.9	24.4	23.0	23.4	23.5	23.9	24.4
	6H	23.6	23.9	24.1	24.4	25.0	23.6	23.9	24.1	24.4	25.0
	8H	23.9	24.2	24.4	24.7	25.2	23.9	24.2	24.4	24.7	25.2

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°	38418.1
50°	35574.4
55°	32954.6
60°	30488.5
65°	28624.1
70°	30026.6
75°	30434.5
80°	27480.0
85°	30218.1

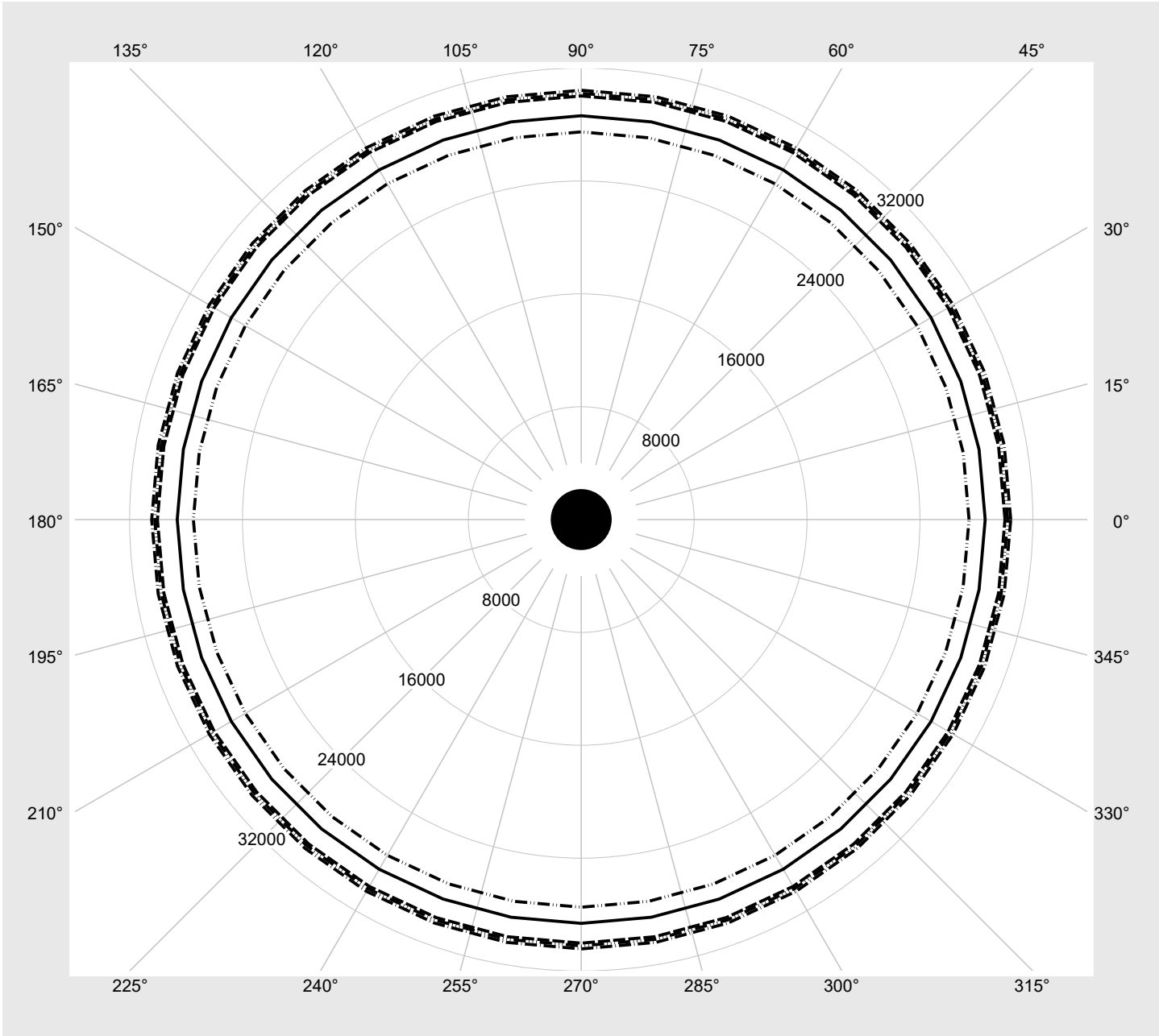
Photometric test report

Family Licross® Spot 31	Order number: 51SL33DA43B EAN: 4058352865071	LP number 59382_22
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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: 51SL33DA43B EAN: 4058352865071	LP number 59382_22
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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	3680	28.6
6	OFF	ON	ON	3470	26.5
5	ON	OFF	ON	3220	24.4
4	OFF	OFF	ON	2990	22.4
3	ON	ON	OFF	2740	20.3
2	OFF	ON	OFF	2470	18.3
1	ON	OFF	OFF	2210	16.3
0	OFF	OFF	OFF	1860	14.4