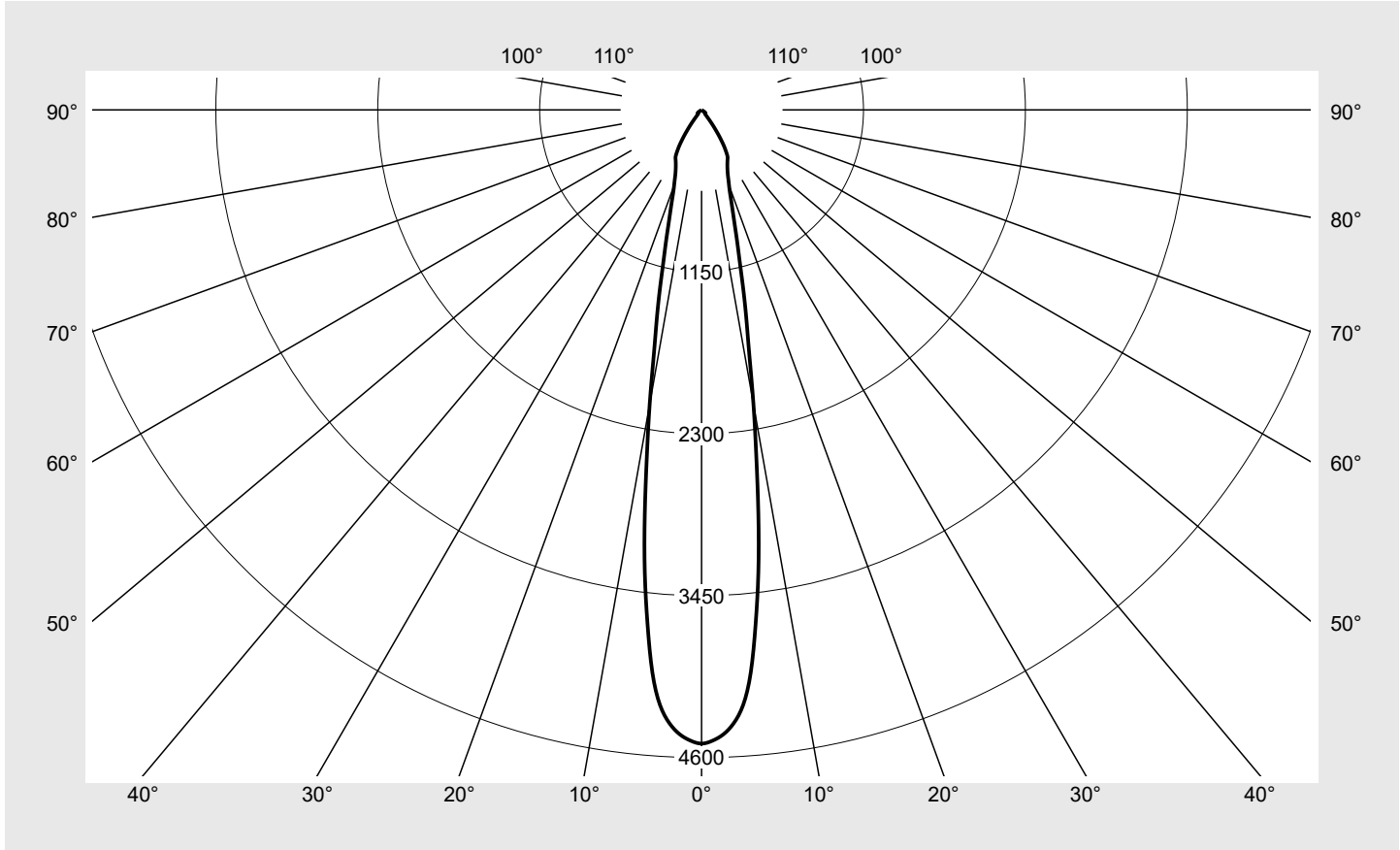


Photometric test report

Family Licross® Spot 31	Order number: 51SL127A45B EAN: 4058352863442	LP number 59381_14
	Version reflector, cover, polycarbonate, narrow distribution, luminaire housing, aluminium, white	serial documentation 12.07.2023
	Lamps LED 4000 K CRI ≥ 90 Controlgear ECG Multilumen Setting factory setting: DIP-Step=7 Rated values Net luminous flux = 5140 lm Power consumption = 42.6 W Luminous efficacy = 120.7 lm/W	



Luminous intensity in cd/klm C180-0 **Imax: 4501 cd/klm**



Classifications	
DIN 5040	A 7 0
CIE	N1=93 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: 51SL127A45B EAN: 4058352863442	LP number 59381_14
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°	4500.5	1.1	1.1
1°	4480.3	8.6	9.7
2°	4437.5	17.0	26.6
3°	4362.0	25.0	51.7
4°	4236.1	32.4	84.1
5°	4010.1	38.3	122.4
6°	3672.5	42.1	164.5
7°	3309.8	44.2	208.7
8°	2898.6	44.2	253.0
9°	2482.5	42.6	295.6
10°	2122.6	40.4	336.0
11°	1782.7	37.3	373.3
12°	1538.7	35.1	408.4
13°	1327.4	32.7	441.1
14°	1130.4	30.0	471.1
15°	985.0	28.0	499.1
16°	859.9	26.0	525.0
17°	761.9	24.4	549.5
18°	683.9	23.2	572.6
19°	616.9	22.0	594.7
20°	570.3	21.4	616.1
21°	532.3	20.9	637.0
22°	498.2	20.5	657.4
23°	472.4	20.2	677.7
24°	451.2	20.1	697.8
25°	433.6	20.1	717.9
26°	418.4	20.1	738.0
27°	405.2	20.2	758.2
28°	393.9	20.3	778.5
29°	380.9	20.3	798.7
30°	356.4	19.5	818.3
31°	326.4	18.4	836.7
32°	294.9	17.1	853.8
33°	256.7	15.3	869.2
34°	220.2	13.5	882.7
35°	180.4	11.3	894.0
36°	146.1	9.4	903.4
37°	111.1	7.3	910.8
38°	79.1	5.3	916.1
39°	56.1	3.9	920.0
40°	40.9	2.9	922.8
41°	37.1	2.7	925.5
42°	35.5	2.6	928.1
43°	33.6	2.5	930.6
44°	33.1	2.5	933.2
45°	33.1	2.6	935.7
46°	32.9	2.6	938.3

C-planes	0°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm		Luminous flux in lm/klm
47°	33.1	2.7	941.0
48°	33.6	2.7	943.7
49°	34.5	2.9	946.6
50°	35.6	3.0	949.6
51°	36.2	3.1	952.6
52°	35.7	3.1	955.7
53°	33.7	2.9	958.7
54°	30.9	2.7	961.4
55°	27.6	2.5	963.9
56°	23.6	2.1	966.1
57°	21.0	1.9	968.0
58°	19.1	1.8	969.8
59°	17.3	1.6	971.4
60°	16.3	1.5	972.9
61°	15.8	1.5	974.5
62°	15.5	1.5	976.0
63°	15.1	1.5	977.4
64°	14.4	1.4	978.9
65°	14.1	1.4	980.3
66°	13.7	1.4	981.6
67°	13.0	1.3	982.9
68°	12.9	1.3	984.3
69°	12.5	1.3	985.5
70°	12.0	1.2	986.8
71°	11.4	1.2	988.0
72°	11.1	1.2	989.1
73°	10.6	1.1	990.2
74°	10.1	1.1	991.3
75°	9.5	1.0	992.3
76°	8.7	0.9	993.2
77°	7.7	0.8	994.0
78°	6.8	0.7	994.8
79°	6.5	0.7	995.5
80°	6.1	0.7	996.1
81°	5.4	0.6	996.7
82°	5.2	0.6	997.3
83°	4.8	0.5	997.8
84°	4.1	0.5	998.2
85°	3.8	0.4	998.7
86°	3.1	0.3	999.0
87°	3.1	0.3	999.3
88°	2.5	0.3	999.6
89°	2.2	0.2	999.9
90°	2.5	0.3	1000.1

Photometric test report

Family Licross® Spot 31	Order number: 51SL127A45B EAN: 4058352863442	LP number 59381_14
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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	22.2	23.2	22.5	23.5	23.9	22.2	23.2	22.5	23.5	23.9
	3H	22.7	23.7	23.1	24.0	24.3	22.7	23.7	23.1	24.0	24.3
	4H	23.1	24.0	23.5	24.3	24.7	23.1	24.0	23.5	24.3	24.7
	6H	23.4	24.2	23.8	24.5	24.9	23.4	24.2	23.8	24.5	24.9
	8H	23.7	24.3	24.1	24.7	25.1	23.7	24.3	24.1	24.7	25.1
	12H	23.7	24.4	24.2	24.8	25.2	23.7	24.4	24.2	24.8	25.2
4H	2H	22.3	23.1	22.7	23.5	23.8	22.3	23.1	22.7	23.5	23.8
	3H	23.1	23.7	23.5	24.1	24.6	23.1	23.7	23.5	24.1	24.6
	4H	23.6	24.2	24.0	24.6	25.0	23.6	24.2	24.0	24.6	25.0
	6H	24.0	24.5	24.4	25.0	25.4	24.0	24.5	24.4	25.0	25.4
	8H	24.2	24.7	24.7	25.1	25.6	24.2	24.7	24.7	25.1	25.6
	12H	24.4	24.8	24.9	25.3	25.8	24.4	24.8	24.9	25.3	25.8
8H	4H	23.7	24.2	24.2	24.6	25.1	23.7	24.2	24.2	24.6	25.1
	6H	24.3	24.7	24.8	25.2	25.7	24.3	24.7	24.8	25.2	25.7
	8H	24.6	24.9	25.1	25.4	26.0	24.6	24.9	25.1	25.4	26.0
	12H	24.9	25.2	25.4	25.7	26.3	24.9	25.2	25.4	25.7	26.3
12H	4H	23.7	24.1	24.2	24.6	25.1	23.7	24.1	24.2	24.6	25.1
	6H	24.3	24.7	24.8	25.1	25.7	24.3	24.7	24.8	25.1	25.7
	8H	24.7	25.0	25.2	25.5	26.0	24.7	25.0	25.2	25.5	26.0

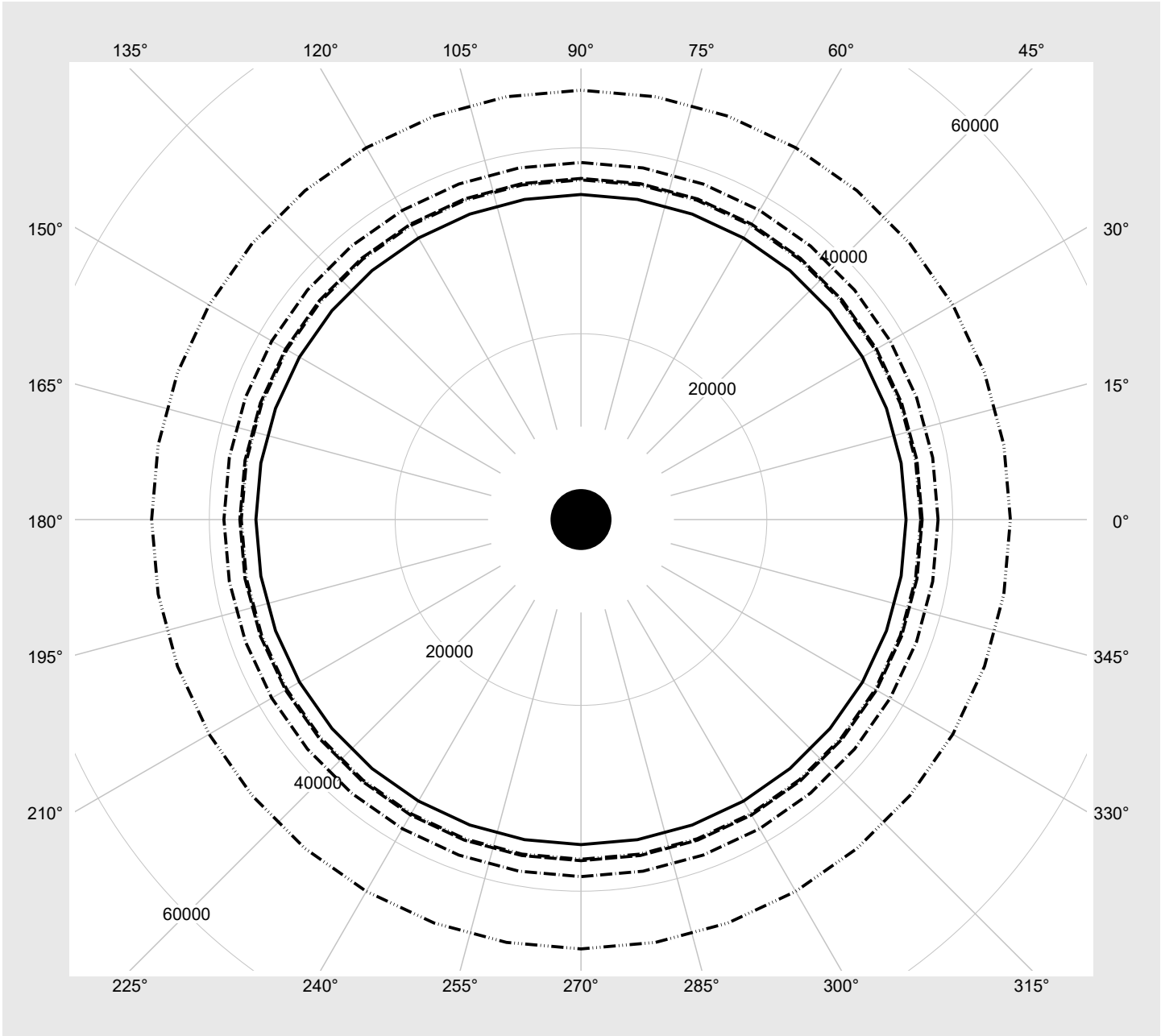
Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm: D = 79
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C-planes	0°
γ	Luminance in cd/m²
45°	49056.8
50°	58138.6
55°	50537.4
60°	34220.7
65°	34988.1
70°	36718.0
75°	38433.1
80°	36564.8
85°	46213.3

Photometric test report

Family Licross® Spot 31	Order number: 51SL127A45B EAN: 4058352863442	LP number 59381_14
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Luminance values in cd/m² γ 65° γ 70° γ 75° γ 80° γ 85° **siteco**



Photometric test report

Family Licross® Spot 31	Order number: 51SL127A45B EAN: 4058352863442	LP number 59381_14
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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	5140	42.6
6	OFF	ON	ON	4930	40.5
5	ON	OFF	ON	4730	38.4
4	OFF	OFF	ON	4500	36.4
3	ON	ON	OFF	4310	34.3
2	OFF	ON	OFF	4090	32.3
1	ON	OFF	OFF	3850	30.2
0	OFF	OFF	OFF	3650	28.2