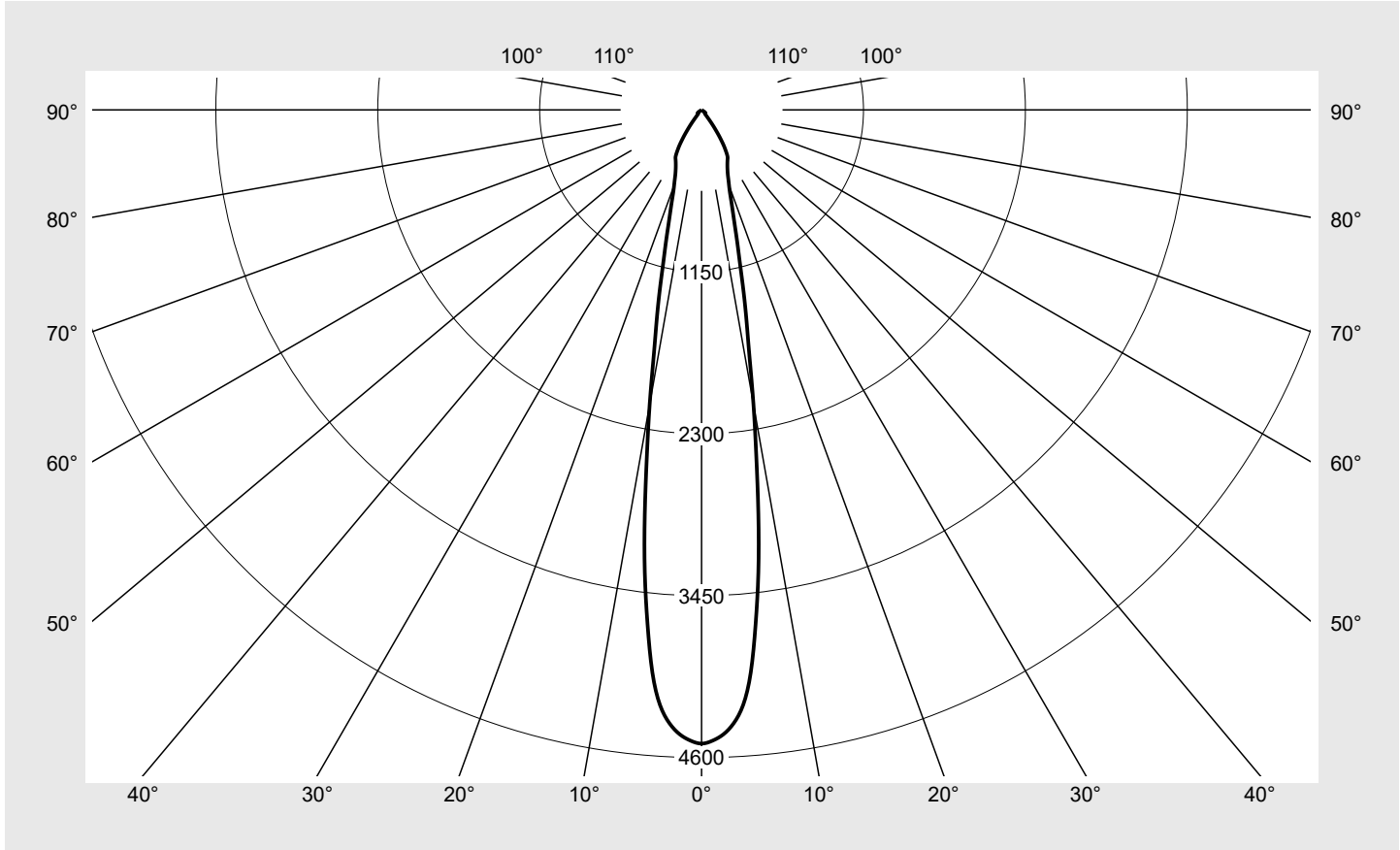


Photometric test report

Family Licross® Spot 31	Order number: 51SL62DA43B EAN: 4058352865392	LP number 59381_24
	Version reflector, cover, polycarbonate, narrow distribution, luminaire housing, aluminium, silver	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 = 3650 lm Power consumption = 28.6 W Luminous efficacy = 127.6 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: 51SL62DA43B EAN: 4058352865392	LP number 59381_24
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: 51SL62DA43B EAN: 4058352865392	LP number 59381_24
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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	21.0	22.0	21.4	22.4	22.7	21.0	22.0	21.4	22.4	22.7
	3H	21.5	22.5	21.9	22.8	23.2	21.5	22.5	21.9	22.8	23.2
	4H	21.9	22.8	22.3	23.1	23.5	21.9	22.8	22.3	23.1	23.5
	6H	22.2	23.0	22.6	23.4	23.7	22.2	23.0	22.6	23.4	23.7
	8H	22.5	23.1	22.9	23.5	23.9	22.5	23.1	22.9	23.5	23.9
	12H	22.6	23.2	23.0	23.6	24.0	22.6	23.2	23.0	23.6	24.0
4H	2H	21.1	21.9	21.5	22.3	22.7	21.1	21.9	21.5	22.3	22.7
	3H	21.9	22.6	22.3	22.9	23.4	21.9	22.6	22.3	22.9	23.4
	4H	22.4	23.0	22.8	23.4	23.9	22.4	23.0	22.8	23.4	23.9
	6H	22.8	23.3	23.2	23.8	24.2	22.8	23.3	23.2	23.8	24.2
	8H	23.0	23.5	23.5	24.0	24.4	23.0	23.5	23.5	24.0	24.4
	12H	23.2	23.7	23.7	24.1	24.6	23.2	23.7	23.7	24.1	24.6
8H	4H	22.5	23.0	23.0	23.5	23.9	22.5	23.0	23.0	23.5	23.9
	6H	23.1	23.5	23.6	24.0	24.5	23.1	23.5	23.6	24.0	24.5
	8H	23.4	23.8	23.9	24.2	24.8	23.4	23.8	23.9	24.2	24.8
	12H	23.7	24.0	24.2	24.5	25.1	23.7	24.0	24.2	24.5	25.1
12H	4H	22.5	22.9	23.0	23.4	23.9	22.5	22.9	23.0	23.4	23.9
	6H	23.1	23.5	23.6	24.0	24.5	23.1	23.5	23.6	24.0	24.5
	8H	23.5	23.8	24.0	24.3	24.8	23.5	23.8	24.0	24.3	24.8

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°	34836.1
50°	41285.2
55°	35887.5
60°	24300.7
65°	24845.7
70°	26074.1
75°	27292.0
80°	25965.3
85°	32816.9

Photometric test report

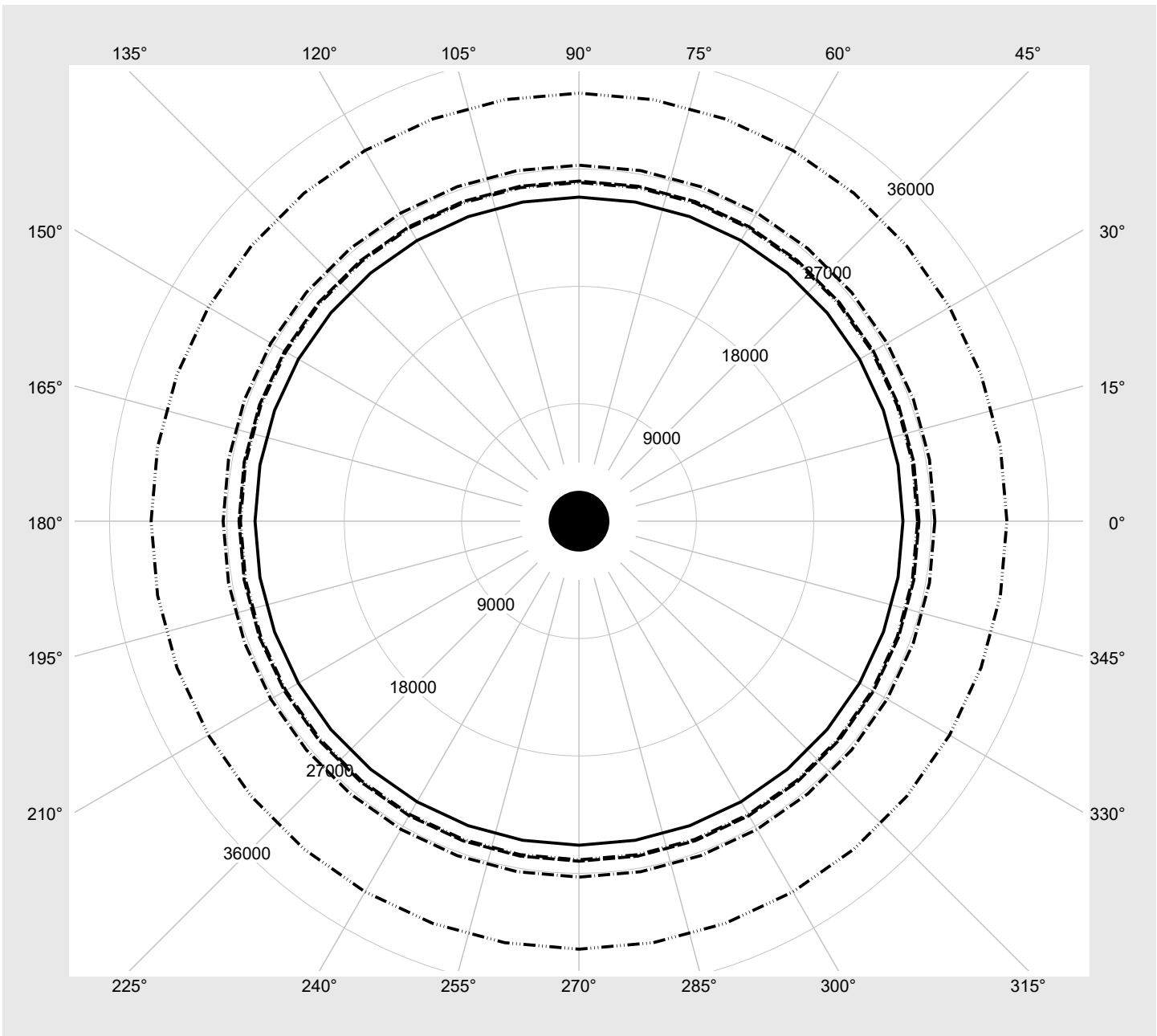
Family
Licross® Spot 31

Order number: 51SL62DA43B
EAN: 4058352865392

LP number
59381_24

Luminance values in cd/m²

γ 65°
 γ 70°
 γ 75°
 γ 80°
 γ 85°



Photometric test report

Family Licross® Spot 31	Order number: 51SL62DA43B EAN: 4058352865392	LP number 59381_24
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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	3650	28.6
6	OFF	ON	ON	3430	26.5
5	ON	OFF	ON	3190	24.4
4	OFF	OFF	ON	2960	22.4
3	ON	ON	OFF	2710	20.4
2	OFF	ON	OFF	2440	18.4
1	ON	OFF	OFF	2190	16.3
0	OFF	OFF	OFF	1840	14.4