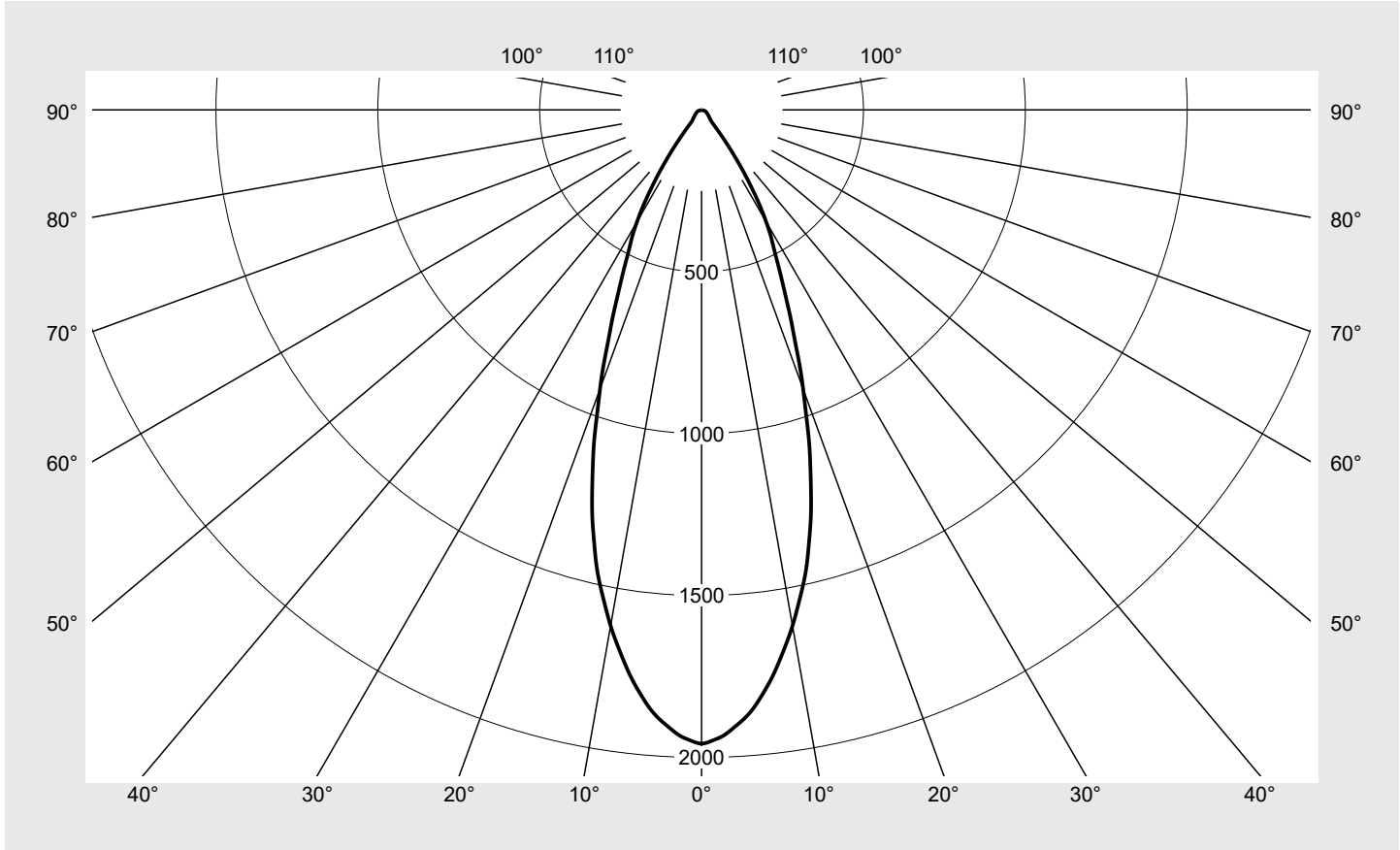


Photometric test report

Family Licross® Spot 31	Order number: 51SL647A43B EAN: 4058352865637	LP number 59383_18
	Version reflector, cover, polycarbonate, wide distribution, luminaire housing, aluminium, silver	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 = 3720 lm Power consumption = 27.9 W Luminous efficacy = 133.3 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: 51SL647A43B EAN: 4058352865637	LP number 59383_18
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: 51SL647A43B EAN: 4058352865637	LP number 59383_18
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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	21.2	22.3	21.5	22.6	22.9	21.2	22.3	21.5	22.6	22.9
	3H	21.8	22.8	22.2	23.1	23.5	21.8	22.8	22.2	23.1	23.5
	4H	22.1	23.0	22.5	23.4	23.7	22.1	23.0	22.5	23.4	23.7
	6H	22.3	23.1	22.7	23.4	23.8	22.3	23.1	22.7	23.4	23.8
	8H	22.4	23.0	22.8	23.4	23.8	22.4	23.0	22.8	23.4	23.8
	12H	22.4	23.0	22.8	23.4	23.8	22.4	23.0	22.8	23.4	23.8
4H	2H	21.3	22.2	21.7	22.6	22.9	21.3	22.2	21.7	22.6	22.9
	3H	22.1	22.9	22.6	23.3	23.7	22.1	22.9	22.6	23.3	23.7
	4H	22.6	23.2	23.0	23.6	24.1	22.6	23.2	23.0	23.6	24.1
	6H	22.8	23.3	23.2	23.8	24.2	22.8	23.3	23.2	23.8	24.2
	8H	22.8	23.3	23.3	23.8	24.2	22.8	23.3	23.3	23.8	24.2
	12H	22.9	23.3	23.4	23.7	24.2	22.9	23.3	23.4	23.7	24.2
8H	4H	22.7	23.2	23.2	23.6	24.1	22.7	23.2	23.2	23.6	24.1
	6H	22.9	23.3	23.4	23.8	24.3	22.9	23.3	23.4	23.8	24.3
	8H	23.0	23.3	23.5	23.8	24.4	23.0	23.3	23.5	23.8	24.4
	12H	23.0	23.3	23.6	23.8	24.4	23.0	23.3	23.6	23.8	24.4
12H	4H	22.7	23.1	23.2	23.5	24.0	22.7	23.1	23.2	23.5	24.0
	6H	22.9	23.2	23.5	23.7	24.3	22.9	23.2	23.5	23.7	24.3
	8H	23.0	23.3	23.5	23.8	24.3	23.0	23.3	23.5	23.8	24.3

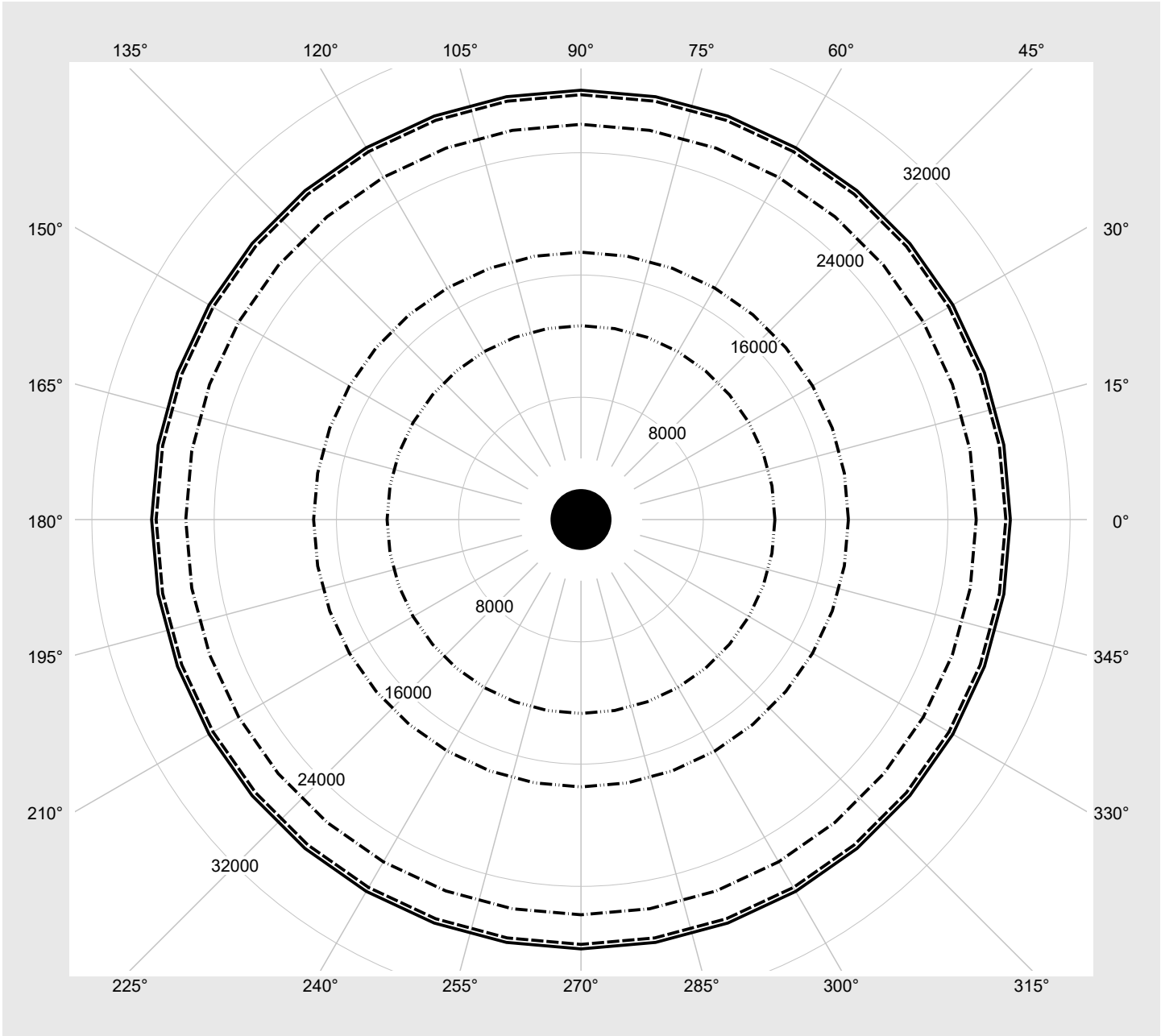
Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm: D = 79
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C-planes	0°
γ	Luminance in cd/m²
45°	37736.6
50°	32897.2
55°	30030.1
60°	28553.8
65°	28093.0
70°	27796.8
75°	25859.6
80°	17495.0
85°	12687.1

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Family Licross® Spot 31	Order number: 51SL647A43B EAN: 4058352865637	LP number 59383_18
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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: 51SL647A43B EAN: 4058352865637	LP number 59383_18
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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	3720	27.9
6	OFF	ON	ON	3500	25.7
5	ON	OFF	ON	3260	23.7
4	OFF	OFF	ON	3020	21.7
3	ON	ON	OFF	2780	19.9
2	OFF	ON	OFF	2500	18.3
1	ON	OFF	OFF	2240	16.9
0	OFF	OFF	OFF	1880	15.8