

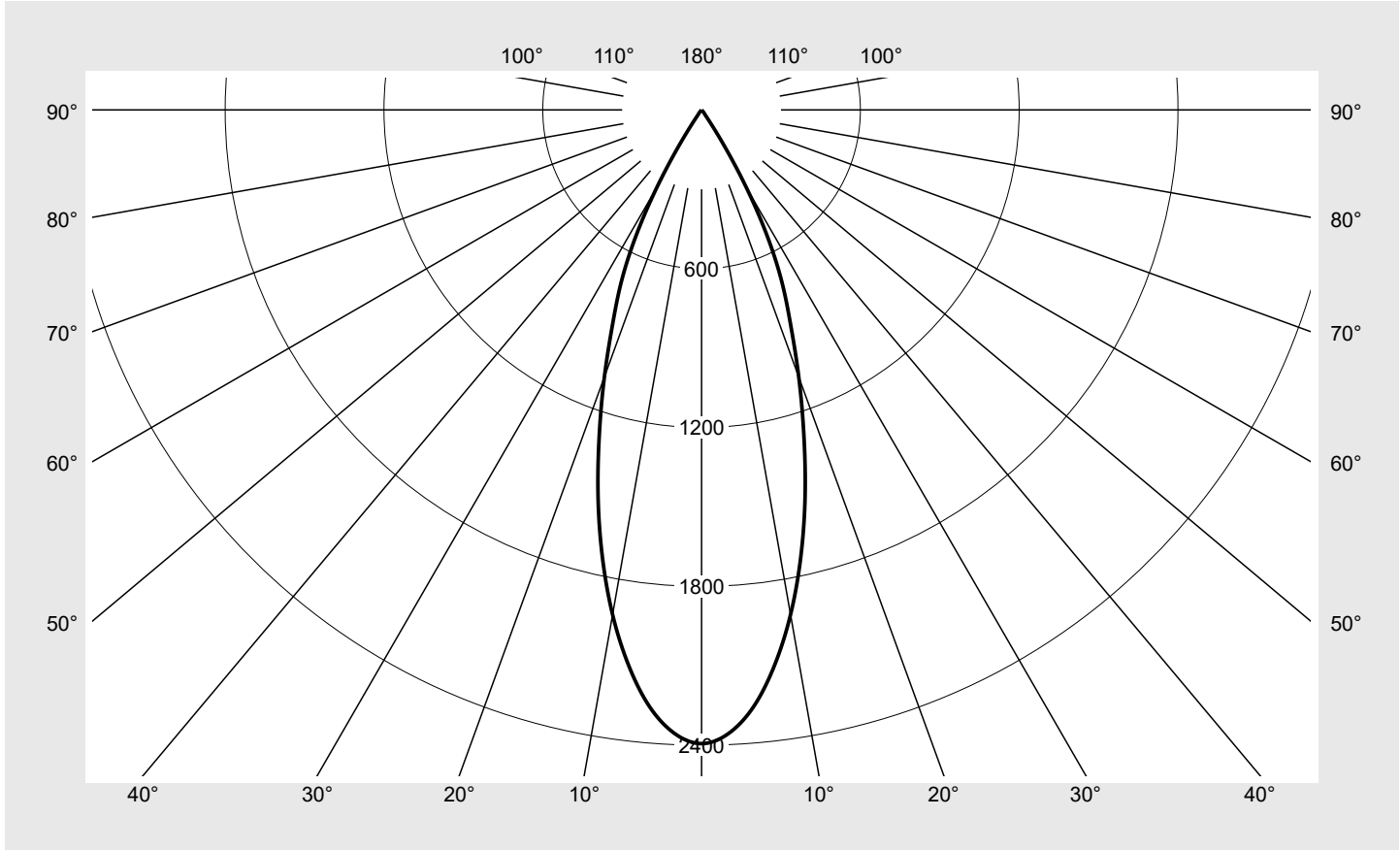


Photometric test report

Family Spot 21 Licross®	Order number: 51SL33DB11A2C EAN: 4069025502520	LP number 59933_39
	Version housing, black, reflector, cover glass, transparent, medium distribution	serial documentation 21.05.2026
	Lamps LED 2700 K CRI ≥ 90	
Controlgear ECG-DALI-Multilumen		
Setting factory setting: DIP-Step=7		
Rated values Net luminous flux = 2650 lm Power consumption = 19.8 W Luminous efficacy = 133.8 lm/W		

Luminous intensity in cd/klm C180-0 **Imax: 2394 cd/klm**



Classifications	
DIN 5040	A 8 0
CIE	N1=99 N2=100 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 Spot 21 Licross®	Order number: 51SL33DB11A2C EAN: 4069025502520	LP number 59933_39
-----------------------------------	---	------------------------------



Table of values for luminous intensities	Maximum luminous intensity
---	-----------------------------------

C-planes	0°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm		Luminous flux in lm/klm
0,0°	2394.0	3.6	3.6
2,5°	2357.4	28.2	31.8
5,0°	2262.2	54.0	85.8
7,5°	2115.3	75.7	161.5
10,0°	1936.2	92.2	253.7
12,5°	1731.2	102.7	356.4
15,0°	1511.2	107.2	463.6
17,5°	1284.7	105.9	569.5
20,0°	1073.6	100.7	670.2
22,5°	880.1	92.3	762.5
25,0°	718.6	83.3	845.8
27,5°	537.0	68.0	913.7
30,0°	335.8	46.0	959.8
32,5°	147.9	21.8	981.5
35,0°	37.2	5.9	987.4
37,5°	18.1	3.0	990.4
40,0°	12.3	2.2	992.6
42,5°	9.0	1.7	994.3
45,0°	6.5	1.3	995.5
47,5°	4.7	1.0	996.5
50,0°	3.6	0.8	997.2
52,5°	2.8	0.6	997.8
55,0°	2.2	0.5	998.3
57,5°	1.8	0.4	998.8
60,0°	1.4	0.3	999.1
62,5°	1.1	0.3	999.4
65,0°	0.9	0.2	999.6
67,5°	0.7	0.2	999.8
70,0°	0.5	0.1	999.9
72,5°	0.3	0.1	1000.0
75,0°	0.1	0.0	1000.0
77,5°	0.0	0.0	1000.0
80,0°	0.0	0.0	1000.0
82,5°	0.0	0.0	1000.0
85,0°	0.0	0.0	1000.0
87,5°	0.0	0.0	1000.0
90,0°	0.0	0.0	1000.0

Photometric test report

Family Spot 21 Licross®	Order number: 51SL33DB11A2C EAN: 4069025502520	LP number 59933_39
-----------------------------------	---	------------------------------

UGR-Table	Standard room	siteco
------------------	----------------------	---------------

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	12.6	13.6	13.0	13.9	14.3	12.6	13.6	13.0	13.9	14.3
	3H	12.5	13.3	12.9	13.7	14.0	12.5	13.3	12.9	13.7	14.0
	4H	12.4	13.2	12.8	13.5	13.9	12.4	13.2	12.8	13.5	13.9
	6H	12.3	13.0	12.7	13.4	13.8	12.3	13.0	12.7	13.4	13.8
	8H	12.4	12.9	12.9	13.3	13.7	12.4	12.9	12.9	13.3	13.7
	12H	12.4	12.8	12.8	13.2	13.6	12.4	12.8	12.8	13.2	13.6
4H	2H	12.4	13.2	12.8	13.5	13.9	12.4	13.2	12.8	13.5	13.9
	3H	12.2	12.8	12.6	13.2	13.7	12.2	12.8	12.6	13.2	13.7
	4H	12.1	12.7	12.5	13.1	13.5	12.1	12.7	12.5	13.1	13.5
	6H	11.9	12.4	12.4	12.9	13.4	11.9	12.4	12.4	12.9	13.4
	8H	11.9	12.3	12.4	12.8	13.3	11.9	12.3	12.4	12.8	13.3
	12H	11.9	12.2	12.4	12.7	13.2	11.9	12.2	12.4	12.7	13.2
8H	4H	11.9	12.3	12.4	12.8	13.3	11.9	12.3	12.4	12.8	13.3
	6H	11.8	12.1	12.3	12.6	13.1	11.8	12.1	12.3	12.6	13.1
	8H	11.7	12.0	12.2	12.5	13.0	11.7	12.0	12.2	12.5	13.0
	12H	11.7	11.9	12.2	12.4	13.0	11.7	11.9	12.2	12.4	13.0
12H	4H	11.9	12.2	12.4	12.7	13.2	11.9	12.2	12.4	12.7	13.2
	6H	11.8	12.0	12.3	12.5	13.0	11.8	12.0	12.3	12.5	13.0
	8H	11.7	11.9	12.2	12.4	13.0	11.7	11.9	12.2	12.4	13.0

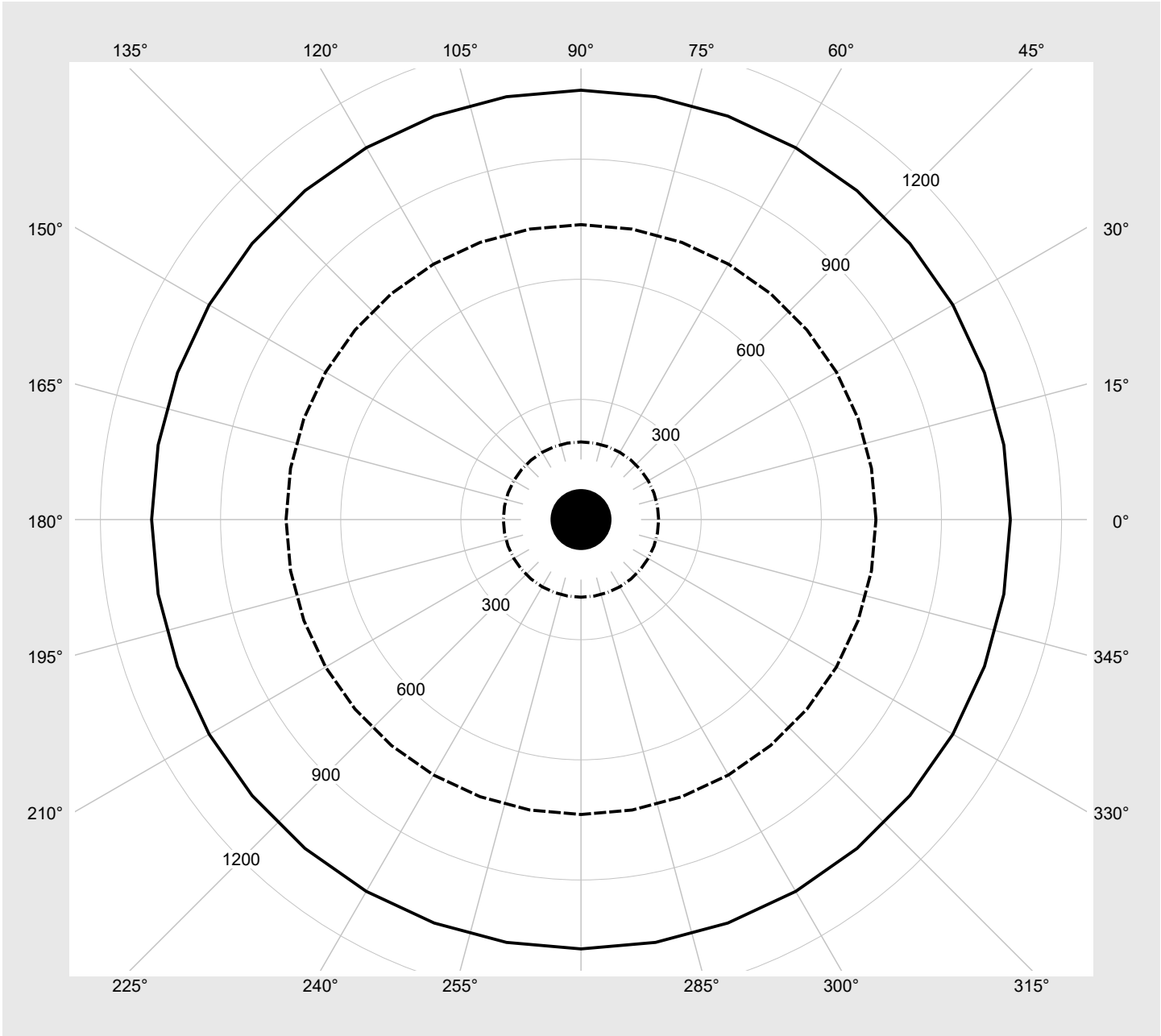
Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm: D = 82
------------------------	---	---

C-planes	0°
γ	Luminance in cd/m²
45,0°	4628.3
50,0°	2819.7
55,0°	1930.8
60,0°	1410.1
65,0°	1072.2
70,0°	736.5
75,0°	193.9
80,0°	0.0
85,0°	0.0

Photometric test report


Family Spot 21 Licross®	Order number: 51SL33DB11A2C EAN: 4069025502520	LP number 59933_39
-----------------------------------	---	------------------------------

Luminance values in cd/m² γ 65° γ 70° γ 75° γ 80° γ 85° **siteco**



Photometric test report

Family Spot 21 Licross®	Order number: 51SL33DB11A2C EAN: 4069025502520	LP number 59933_39
--	---	-------------------------------------

Multilumen Table	environmental temperature: 25°C	
-------------------------	---------------------------------	---

DIP-Step	Switch Setting				Luminous flux [lm]	Power consumption [W]
	1	2	3	4		
11	ON	OFF	ON	ON	3570	28.1
10	ON	OFF	ON	OFF	3350	25.9
9	ON	OFF	OFF	ON	3120	23.8
8	ON	OFF	OFF	OFF	2890	21.7
7	OFF	ON	ON	ON	2650	19.8
6	OFF	ON	ON	OFF	2410	17.7
5	OFF	ON	OFF	ON	2160	15.7
4	OFF	ON	OFF	OFF	1900	13.8
3	OFF	OFF	ON	ON	1650	11.7
2	OFF	OFF	ON	OFF	1380	9.9
1	OFF	OFF	OFF	ON	1110	8.1
0	OFF	OFF	OFF	OFF	830	6.2