

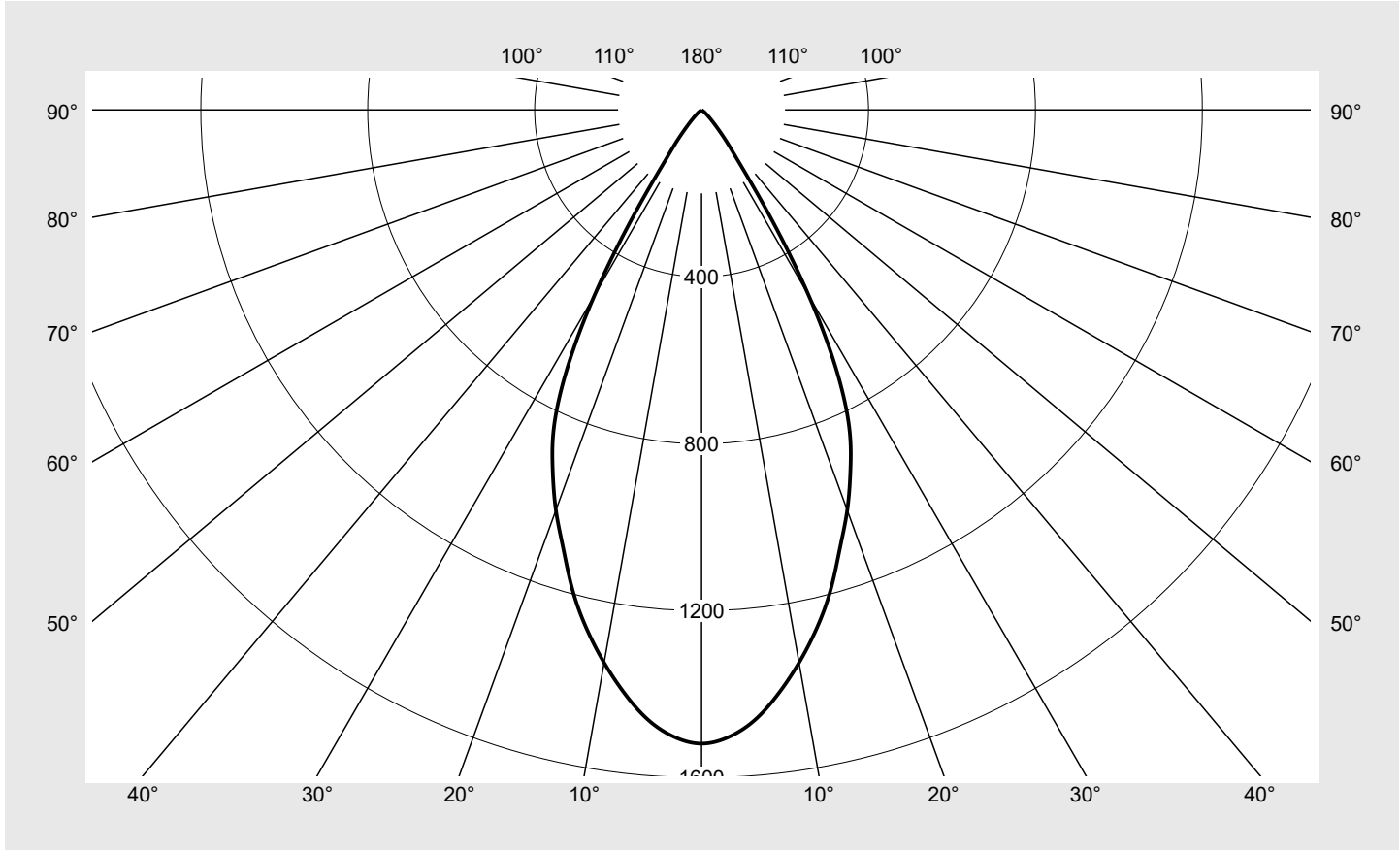


Photometric test report

Family Spot 21	Order number: 51SE34DB11B2C EAN: 4069025447593	LP number 59934_6
	Version housing, black, reflector, cover glass, transparent, wide distribution Lamps LED 3000 K CRI ≥ 90 Controlgear ECG-DALI-Multilumen Setting factory setting: DIP-Step=7	serial documentation 14.01.2026
	Rated values Net luminous flux = 2720 lm Power consumption = 19.8 W Luminous efficacy = 137.4 lm/W	

Luminous intensity in cd/klm C180-0 **Imax: 1518 cd/klm**



Classifications	
DIN 5040	A 8 0
CIE	N1=98 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	Order number: 51SE34DB11B2C EAN: 4069025447593	LP number 59934_6
---------------------------------	---	------------------------------------



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°	1518.5	2.3	2.3
2,5°	1503.9	18.0	20.3
5,0°	1467.3	35.1	55.3
7,5°	1410.8	50.5	105.8
10,0°	1345.0	64.0	169.8
12,5°	1273.2	75.5	245.4
15,0°	1192.8	84.6	330.0
17,5°	1102.1	90.9	420.8
20,0°	1020.8	95.7	516.6
22,5°	932.5	97.8	614.4
25,0°	836.7	96.9	711.3
27,5°	696.4	88.2	799.5
30,0°	514.1	70.5	869.9
32,5°	318.7	46.9	916.9
35,0°	172.5	27.1	944.0
37,5°	109.8	18.3	962.3
40,0°	70.5	12.4	974.8
42,5°	44.6	8.3	983.0
45,0°	28.1	5.4	988.5
47,5°	17.7	3.6	992.0
50,0°	11.6	2.4	994.5
52,5°	7.9	1.7	996.2
55,0°	5.3	1.2	997.4
57,5°	3.6	0.8	998.2
60,0°	2.5	0.6	998.8
62,5°	1.8	0.4	999.3
65,0°	1.2	0.3	999.6
67,5°	0.8	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	Order number: 51SE34DB11B2C EAN: 4069025447593	LP number 59934_6
-------------------	---	----------------------

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	18.9	20.0	19.2	20.3	20.6	18.9	20.0	19.2	20.3	20.6
	3H	18.7	19.7	19.1	20.0	20.4	18.7	19.7	19.1	20.0	20.4
	4H	18.6	19.5	19.0	19.9	20.2	18.6	19.5	19.0	19.9	20.2
	6H	18.5	19.3	19.0	19.7	20.1	18.5	19.3	19.0	19.7	20.1
	8H	18.7	19.3	19.1	19.6	20.0	18.7	19.3	19.1	19.6	20.0
	12H	18.6	19.2	19.1	19.5	20.0	18.6	19.2	19.1	19.5	20.0
4H	2H	18.6	19.5	19.0	19.9	20.2	18.6	19.5	19.0	19.9	20.2
	3H	18.5	19.2	18.9	19.6	20.0	18.5	19.2	18.9	19.6	20.0
	4H	18.3	19.0	18.8	19.4	19.8	18.3	19.0	18.8	19.4	19.8
	6H	18.2	18.8	18.7	19.2	19.7	18.2	18.8	18.7	19.2	19.7
	8H	18.2	18.7	18.7	19.1	19.6	18.2	18.7	18.7	19.1	19.6
	12H	18.2	18.6	18.7	19.0	19.5	18.2	18.6	18.7	19.0	19.5
8H	4H	18.2	18.7	18.7	19.1	19.6	18.2	18.7	18.7	19.1	19.6
	6H	18.1	18.5	18.6	18.9	19.4	18.1	18.5	18.6	18.9	19.4
	8H	18.0	18.3	18.5	18.8	19.4	18.0	18.3	18.5	18.8	19.4
	12H	18.0	18.2	18.5	18.7	19.3	18.0	18.2	18.5	18.7	19.3
12H	4H	18.2	18.6	18.7	19.0	19.5	18.2	18.6	18.7	19.0	19.5
	6H	18.0	18.3	18.6	18.8	19.4	18.0	18.3	18.6	18.8	19.4
	8H	18.0	18.2	18.5	18.7	19.3	18.0	18.2	18.5	18.7	19.3

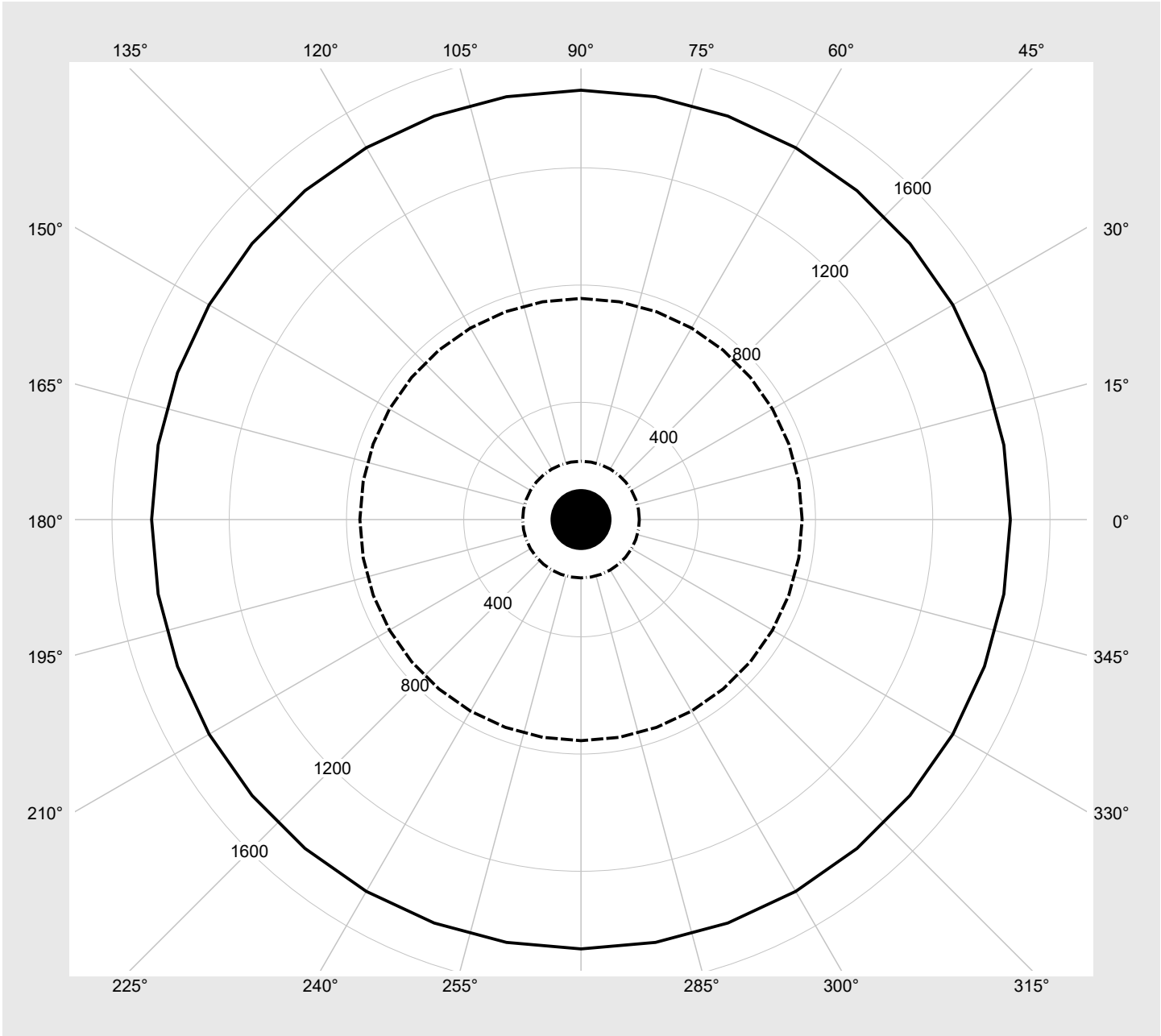
Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm: D = 82
-----------------	---------------------------------	--------------------------------------

C-planes	0°
γ	Luminance in cd/m ²
45,0°	20436.5
50,0°	9314.1
55,0°	4769.1
60,0°	2580.4
65,0°	1464.9
70,0°	754.5
75,0°	199.0
80,0°	0.0
85,0°	0.0

Photometric test report

Family Spot 21	Order number: 51SE34DB11B2C EAN: 4069025447593	LP number 59934_6
---------------------------------	---	------------------------------------

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



Photometric test report

Family Spot 21	Order number: 51SE34DB11B2C EAN: 4069025447593	LP number 59934_6
--------------------------	---	-----------------------------

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

DIP-Step	Switch Setting				Luminous flux [lm]	Power consumption [W]
	1	2	3	4		
11	ON	OFF	ON	ON	3660	28.1
10	ON	OFF	ON	OFF	3430	25.9
9	ON	OFF	OFF	ON	3200	23.8
8	ON	OFF	OFF	OFF	2960	21.7
7	OFF	ON	ON	ON	2720	19.8
6	OFF	ON	ON	OFF	2470	17.7
5	OFF	ON	OFF	ON	2210	15.7
4	OFF	ON	OFF	OFF	1950	13.8
3	OFF	OFF	ON	ON	1690	11.7
2	OFF	OFF	ON	OFF	1410	9.9
1	OFF	OFF	OFF	ON	1140	8.1
0	OFF	OFF	OFF	OFF	850	6.2