
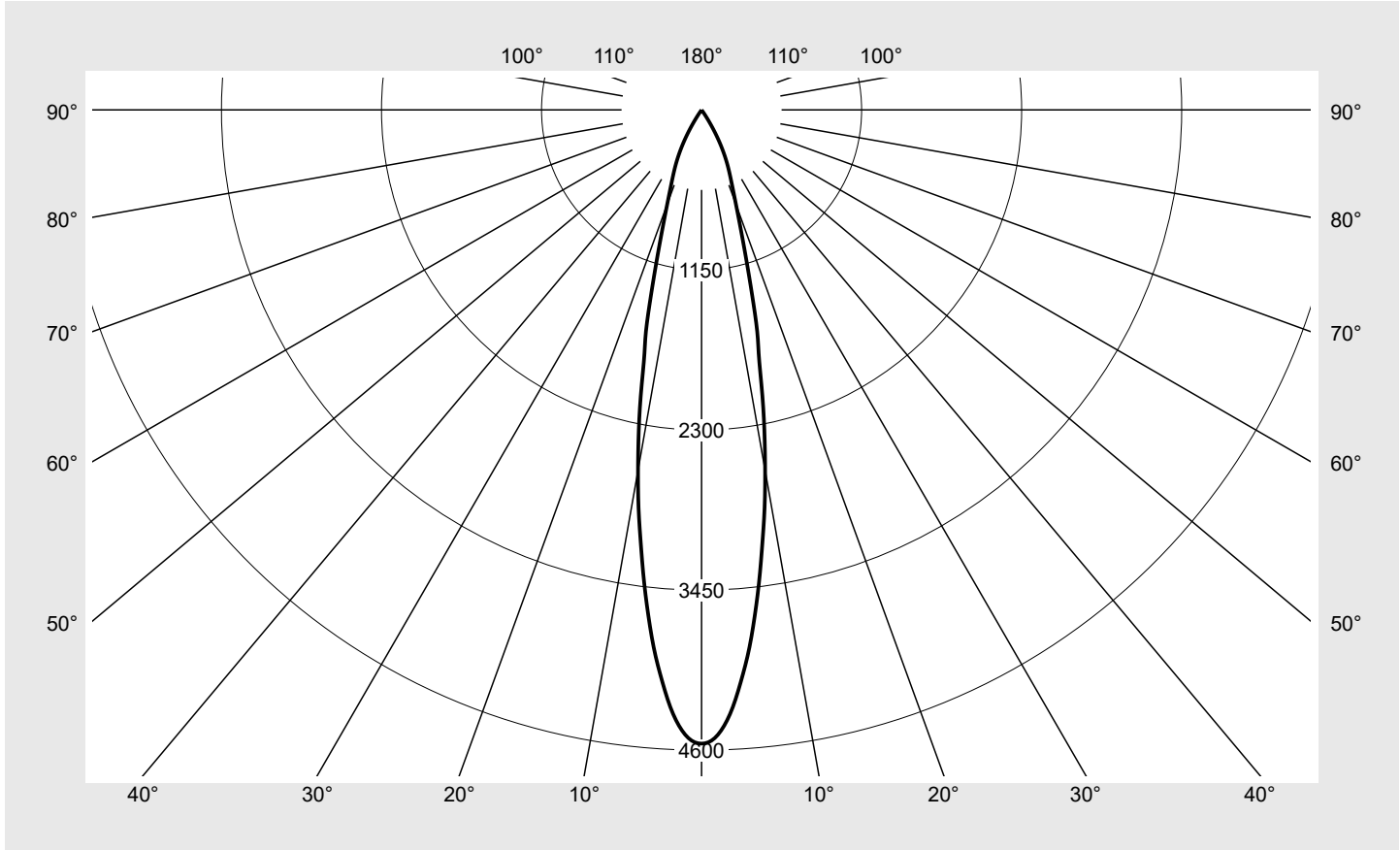


Photometric test report

Family Spot 21 Standard	Order number: 51SE62MB11D2C EAN: 4069025447890	LP number 59935_29
	Version housing, white aluminium, reflector, cover glass, transparent, narrow distribution Lamps LED 4000 K CRI ≥ 90 Controlgear ECG Multilumen Setting factory setting: DIP-Step=4 Rated values Net luminous flux = 2920 lm Power consumption = 18.5 W Luminous efficacy = 157.8 lm/W	serial documentation 11.05.2026



Luminous intensity in cd/klm C180-0 **Imax: 4553 cd/klm**



Classifications	
DIN 5040	A 8 0
CIE	N1=98 N2=99 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 Standard	Order number: 51SE62MB11D2C EAN: 4069025447890	LP number 59935_29
-----------------------------------	---	------------------------------



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°	4553.1	1.1	1.1
1°	4526.9	8.7	9.8
2°	4439.5	17.0	26.7
3°	4295.7	24.7	51.4
4°	4103.9	31.4	82.8
5°	3897.2	37.2	120.0
6°	3655.5	41.9	161.9
7°	3402.4	45.5	207.4
8°	3140.8	47.9	255.3
9°	2894.7	49.7	305.0
10°	2630.2	50.1	355.1
11°	2369.8	49.6	404.7
12°	2103.0	47.9	452.6
13°	1837.1	45.3	497.9
14°	1659.8	44.0	542.0
15°	1439.9	130.6	672.5
20°	722.5	135.4	808.0
25°	446.5	103.4	911.4
30°	219.4	60.1	971.5
35°	25.7	8.1	979.6
40°	11.4	4.0	983.6
45°	7.9	3.0	986.7
50°	6.2	2.6	989.3
55°	5.3	2.4	991.7
60°	4.7	2.3	993.9
65°	4.1	2.1	996.0
70°	3.3	1.7	997.7
75°	2.3	1.2	998.9
80°	1.4	0.8	999.7
85°	0.6	0.3	1000.0
90°	0.0	0.0	1000.0

Photometric test report

Family Spot 21 Standard	Order number: 51SE62MB11D2C EAN: 4069025447890	LP number 59935_29
----------------------------	---	-----------------------

UGR-Table		Standard room									
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	11.3	12.3	11.7	12.6	12.9	11.3	12.3	11.7	12.6	12.9
	3H	11.9	12.7	12.3	13.0	13.4	11.9	12.7	12.3	13.0	13.4
	4H	12.1	12.9	12.5	13.2	13.6	12.1	12.9	12.5	13.2	13.6
	6H	12.3	13.0	12.8	13.4	13.8	12.3	13.0	12.8	13.4	13.8
	8H	12.5	13.1	13.0	13.4	13.9	12.5	13.1	13.0	13.4	13.9
	12H	12.5	13.0	13.0	13.4	13.8	12.5	13.0	13.0	13.4	13.8
4H	2H	11.4	12.1	11.8	12.5	12.9	11.4	12.1	11.8	12.5	12.9
	3H	12.1	12.7	12.5	13.1	13.5	12.1	12.7	12.5	13.1	13.5
	4H	12.5	13.0	12.9	13.5	13.9	12.5	13.0	12.9	13.5	13.9
	6H	12.8	13.3	13.2	13.7	14.2	12.8	13.3	13.2	13.7	14.2
	8H	12.9	13.3	13.4	13.8	14.3	12.9	13.3	13.4	13.8	14.3
	12H	13.0	13.3	13.5	13.8	14.3	13.0	13.3	13.5	13.8	14.3
8H	4H	12.6	13.0	13.1	13.5	13.9	12.6	13.0	13.1	13.5	13.9
	6H	13.0	13.3	13.5	13.8	14.3	13.0	13.3	13.5	13.8	14.3
	8H	13.1	13.5	13.7	13.9	14.5	13.1	13.5	13.7	13.9	14.5
	12H	13.2	13.5	13.8	14.0	14.6	13.2	13.5	13.8	14.0	14.6
12H	4H	12.6	12.9	13.0	13.4	13.9	12.6	12.9	13.0	13.4	13.9
	6H	13.0	13.3	13.5	13.8	14.3	13.0	13.3	13.5	13.8	14.3
	8H	13.1	13.4	13.7	13.9	14.5	13.1	13.4	13.7	13.9	14.5

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

C-planes	0°
γ	Luminance in cd/m ²
45°	6151.6
50°	5291.9
55°	5153.5
60°	5241.7
65°	5409.9
70°	5380.2
75°	4956.3
80°	4496.0
85°	3838.2

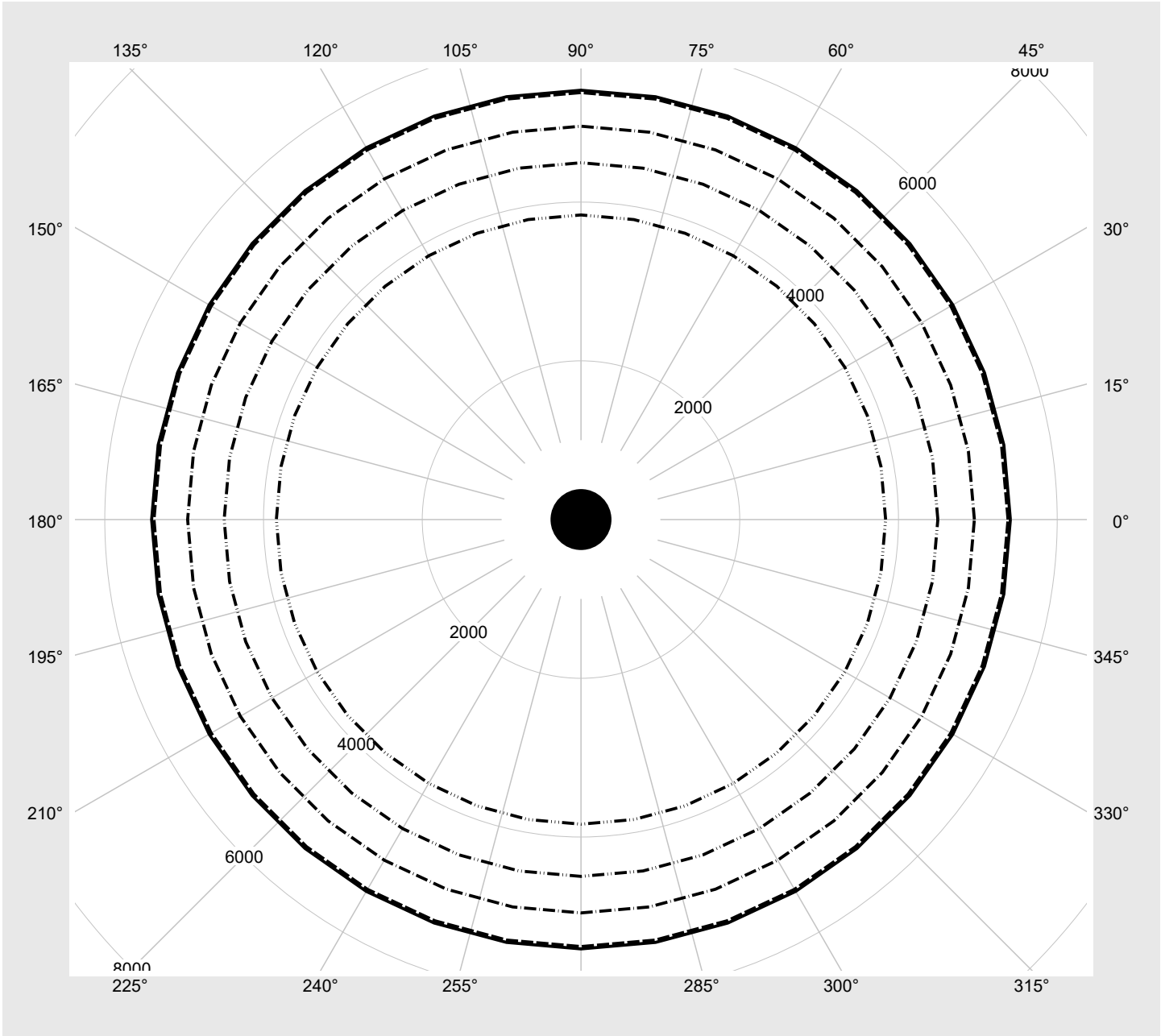
Photometric test report

Family Spot 21 Standard	Order number: 51SE62MB11D2C EAN: 4069025447890	LP number 59935_29
-----------------------------------	---	------------------------------

Luminance values in cd/m²

γ 65°
 γ 70°
 γ 75°
 γ 80°
 γ 85°

siteco



Photometric test report

Family Spot 21 Standard	Order number: 51SE62MB11D2C EAN: 4069025447890	LP number 59935_29
--	---	-------------------------------------

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

DIP-Step	Switch Setting			Luminous flux [lm]	Power consumption [W]
	1	2	3		
0	OFF	OFF	OFF	3930	26.5
1	ON	OFF	OFF	3680	24.5
2	OFF	ON	OFF	3430	22.5
3	ON	ON	OFF	3180	20.5
4	OFF	OFF	ON	2920	18.5
5	ON	OFF	ON	2650	16.6
6	OFF	ON	ON	2380	14.8
7	ON	ON	ON	2100	12.9