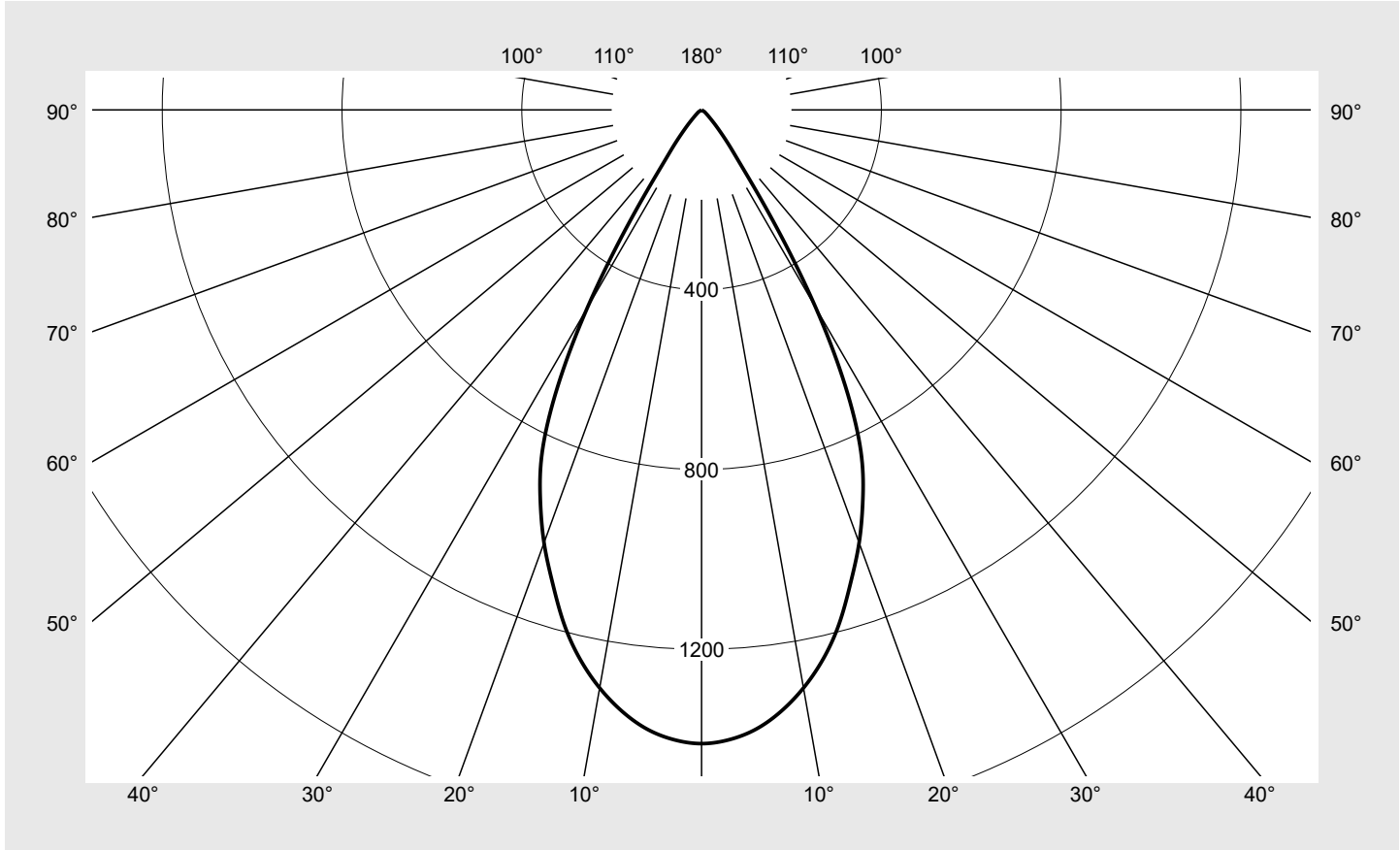


Photometric test report

Family Spot 21 Standard	Order number: 51SE64MB11C2C EAN: 4069025448132	LP number 59937_27
	Version housing, white aluminium, reflector, cover glass, transparent, wide distribution Lamps LED 3500 K CRI ≥ 90 Controlgear ECG Multilumen Setting factory setting: DIP-Step=4 Rated values Net luminous flux = 2820 lm Power consumption = 18.5 W Luminous efficacy = 152.4 lm/W	serial documentation 11.05.2026



Luminous intensity in cd/klm C180-0 **Imax: 1410 cd/klm**



Classifications	
DIN 5040	A 7 0
CIE	N1=96 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: 51SE64MB11C2C EAN: 4069025448132	LP number 59937_27
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Table of values for luminous intensities	Maximum luminous intensity	sITeco
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C-planes	0°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm	Luminous flux in lm/klm	
0,0°	1409.8	2.1	2.1
2,5°	1402.5	16.8	18.9
5,0°	1383.3	33.0	51.9
7,5°	1350.1	48.3	100.2
10,0°	1305.8	62.2	162.4
12,5°	1250.9	74.2	236.6
15,0°	1183.2	84.0	320.6
17,5°	1103.1	90.9	411.5
20,0°	1024.9	96.1	507.6
22,5°	937.8	98.4	606.0
25,0°	838.9	97.2	703.2
27,5°	692.9	87.7	790.9
30,0°	508.4	69.7	860.5
32,5°	313.6	46.2	906.7
35,0°	170.0	26.7	933.5
37,5°	107.2	17.9	951.4
40,0°	69.8	12.3	963.7
42,5°	45.7	8.5	972.1
45,0°	29.8	5.8	977.9
47,5°	20.8	4.2	982.1
50,0°	15.0	3.2	985.3
52,5°	11.4	2.5	987.7
55,0°	9.1	2.0	989.8
57,5°	7.4	1.7	991.5
60,0°	6.2	1.5	993.0
62,5°	5.4	1.3	994.3
65,0°	4.6	1.1	995.4
67,5°	4.0	1.0	996.5
70,0°	3.5	0.9	997.4
72,5°	2.9	0.8	998.1
75,0°	2.3	0.6	998.7
77,5°	1.7	0.5	999.2
80,0°	1.3	0.4	999.5
82,5°	0.9	0.2	999.8
85,0°	0.6	0.2	999.9
87,5°	0.2	0.1	1000.0
90,0°	0.0	0.0	1000.0

Photometric test report

Family Spot 21 Standard	Order number: 51SE64MB11C2C EAN: 4069025448132	LP number 59937_27
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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	19.1	20.2	19.4	20.5	20.8	19.1	20.2	19.4	20.5	20.8
	3H	19.0	19.9	19.4	20.3	20.6	19.0	19.9	19.4	20.3	20.6
	4H	18.9	19.8	19.3	20.2	20.6	18.9	19.8	19.3	20.2	20.6
	6H	18.9	19.7	19.3	20.1	20.5	18.9	19.7	19.3	20.1	20.5
	8H	19.0	19.6	19.5	20.0	20.4	19.0	19.6	19.5	20.0	20.4
	12H	19.0	19.5	19.4	19.9	20.4	19.0	19.5	19.4	19.9	20.4
4H	2H	18.9	19.7	19.3	20.1	20.5	18.9	19.7	19.3	20.1	20.5
	3H	18.8	19.5	19.2	19.9	20.3	18.8	19.5	19.2	19.9	20.3
	4H	18.8	19.4	19.2	19.8	20.3	18.8	19.4	19.2	19.8	20.3
	6H	18.7	19.3	19.2	19.7	20.2	18.7	19.3	19.2	19.7	20.2
	8H	18.7	19.2	19.2	19.6	20.1	18.7	19.2	19.2	19.6	20.1
	12H	18.7	19.1	19.2	19.6	20.1	18.7	19.1	19.2	19.6	20.1
8H	4H	18.7	19.1	19.1	19.6	20.1	18.7	19.1	19.1	19.6	20.1
	6H	18.6	19.0	19.1	19.5	20.0	18.6	19.0	19.1	19.5	20.0
	8H	18.6	18.9	19.1	19.4	20.0	18.6	18.9	19.1	19.4	20.0
	12H	18.6	18.9	19.1	19.4	19.9	18.6	18.9	19.1	19.4	19.9
12H	4H	18.7	19.0	19.2	19.5	20.0	18.7	19.0	19.2	19.5	20.0
	6H	18.6	18.9	19.1	19.4	19.9	18.6	18.9	19.1	19.4	19.9
	8H	18.6	18.8	19.1	19.3	19.9	18.6	18.8	19.1	19.3	19.9

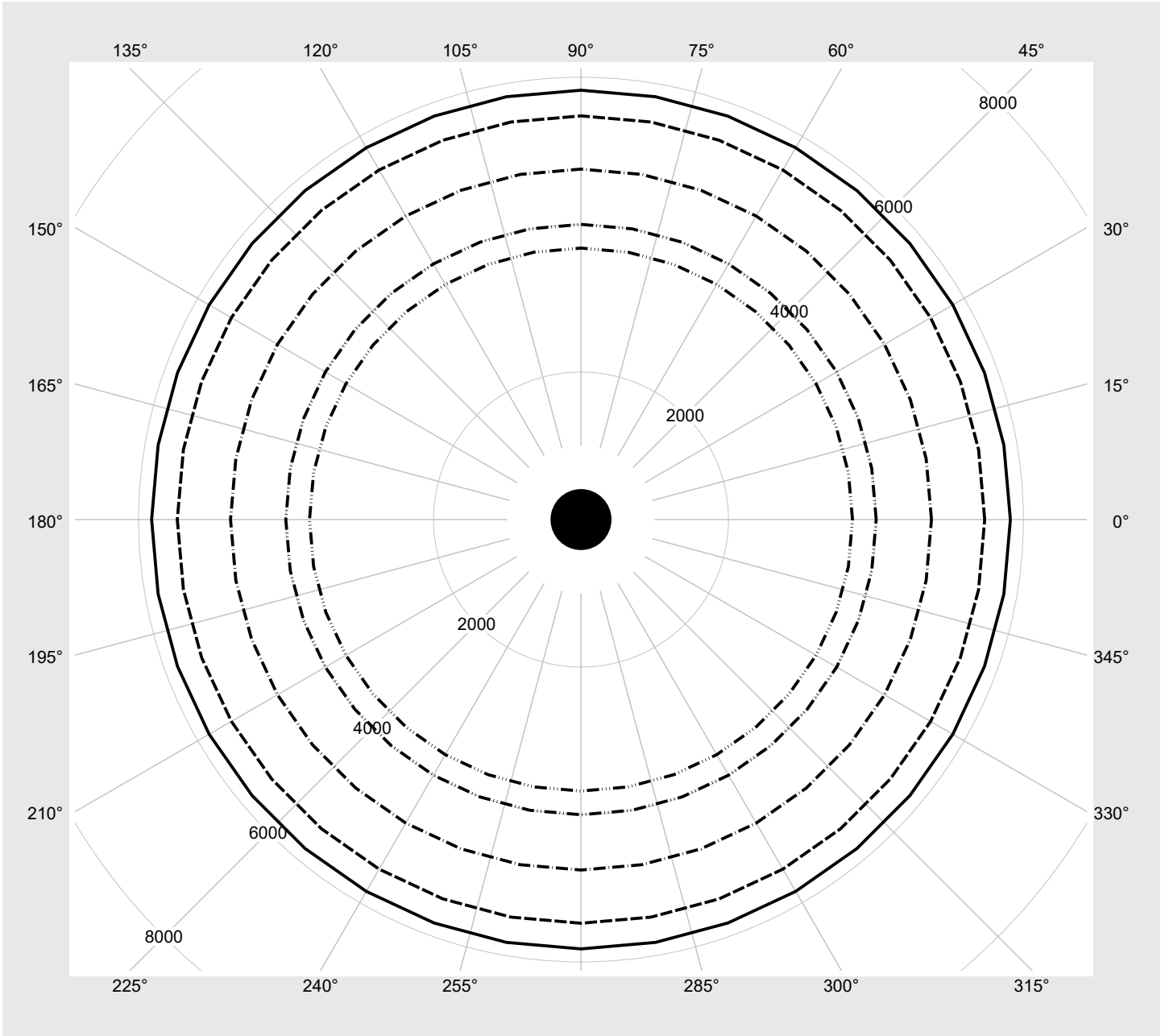
Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm: D = 82
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C-planes	0°
γ	Luminance in cd/m ²
45,0°	22470.9
50,0°	12484.3
55,0°	8487.7
60,0°	6634.3
65,0°	5823.6
70,0°	5475.4
75,0°	4753.5
80,0°	4003.8
85,0°	3682.2

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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: 51SE64MB11C2C EAN: 4069025448132	LP number 59937_27
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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		
0	OFF	OFF	OFF	3800	26.5
1	ON	OFF	OFF	3560	24.5
2	OFF	ON	OFF	3320	22.5
3	ON	ON	OFF	3070	20.5
4	OFF	OFF	ON	2820	18.5
5	ON	OFF	ON	2560	16.6
6	OFF	ON	ON	2300	14.8
7	ON	ON	ON	2030	12.9