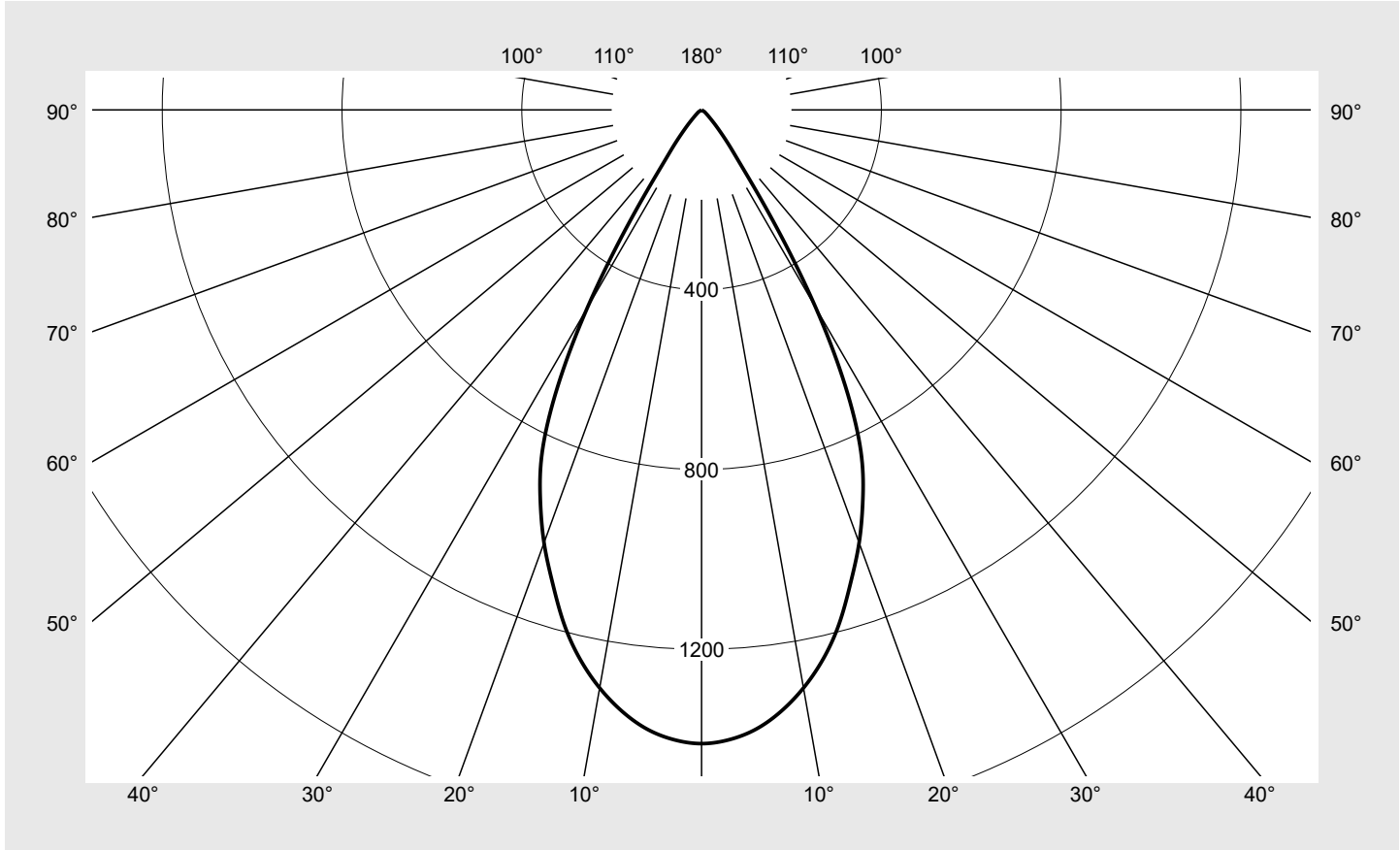


Photometric test report

Family Spot 21 Standard	Order number: 51SE64MB11A2C EAN: 4069025448118	LP number 59937_25
	Version housing, white aluminium, reflector, cover glass, transparent, wide distribution Lamps LED 2700 K CRI ≥ 90 Controlgear ECG Multilumen Setting factory setting: DIP-Step=4 Rated values Net luminous flux = 2600 lm Power consumption = 18.5 W Luminous efficacy = 140.5 lm/W	serial documentation 11.05.2026

siteco

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: 51SE64MB11A2C EAN: 4069025448118	LP number 59937_25
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Table of values for luminous intensities	Maximum luminous intensity
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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: 51SE64MB11A2C EAN: 4069025448118	LP number 59937_25
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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	18.8	19.9	19.1	20.2	20.5	18.8	19.9	19.1	20.2	20.5
	3H	18.7	19.7	19.1	20.0	20.4	18.7	19.7	19.1	20.0	20.4
	4H	18.7	19.5	19.1	19.9	20.3	18.7	19.5	19.1	19.9	20.3
	6H	18.6	19.4	19.0	19.8	20.2	18.6	19.4	19.0	19.8	20.2
	8H	18.8	19.3	19.2	19.7	20.1	18.8	19.3	19.2	19.7	20.1
	12H	18.7	19.3	19.2	19.7	20.1	18.7	19.3	19.2	19.7	20.1
4H	2H	18.6	19.5	19.0	19.8	20.2	18.6	19.5	19.0	19.8	20.2
	3H	18.5	19.2	18.9	19.6	20.1	18.5	19.2	18.9	19.6	20.1
	4H	18.5	19.1	18.9	19.5	20.0	18.5	19.1	18.9	19.5	20.0
	6H	18.4	19.0	18.9	19.4	19.9	18.4	19.0	18.9	19.4	19.9
	8H	18.4	18.9	18.9	19.4	19.8	18.4	18.9	18.9	19.4	19.8
	12H	18.5	18.8	19.0	19.3	19.8	18.5	18.8	19.0	19.3	19.8
8H	4H	18.4	18.9	18.9	19.3	19.8	18.4	18.9	18.9	19.3	19.8
	6H	18.4	18.7	18.9	19.2	19.7	18.4	18.7	18.9	19.2	19.7
	8H	18.3	18.7	18.8	19.1	19.7	18.3	18.7	18.8	19.1	19.7
	12H	18.3	18.6	18.8	19.1	19.6	18.3	18.6	18.8	19.1	19.6
12H	4H	18.4	18.8	18.9	19.2	19.7	18.4	18.8	18.9	19.2	19.7
	6H	18.3	18.6	18.9	19.1	19.7	18.3	18.6	18.9	19.1	19.7
	8H	18.3	18.6	18.8	19.1	19.6	18.3	18.6	18.8	19.1	19.6

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°	20717.9
50,0°	11510.4
55,0°	7825.6
60,0°	6116.7
65,0°	5369.3
70,0°	5048.2
75,0°	4382.7
80,0°	3691.4
85,0°	3395.0

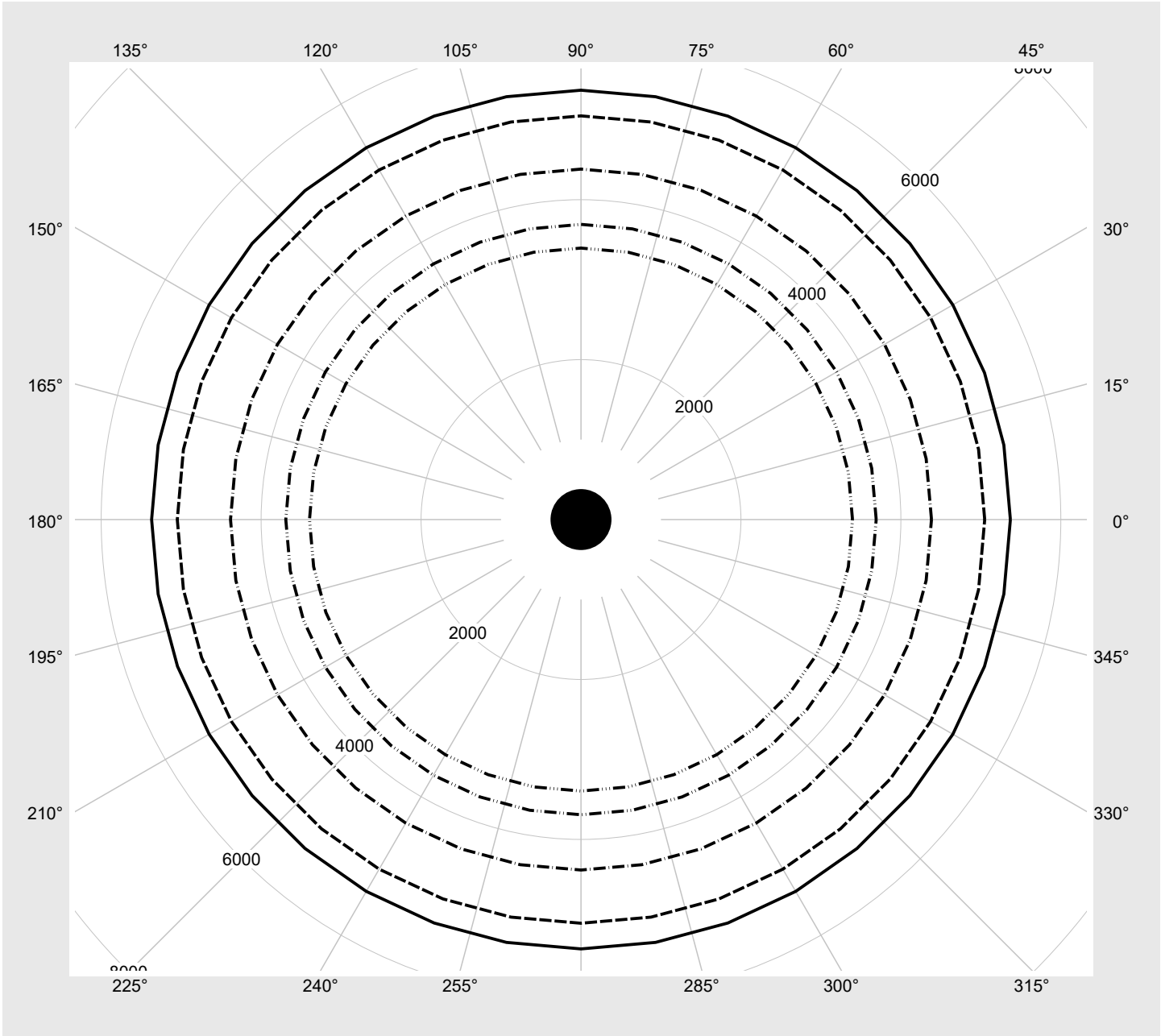
Photometric test report

Family Spot 21 Standard	Order number: 51SE64MB11A2C EAN: 4069025448118	LP number 59937_25
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Luminance values in cd/m²

γ 65°
 γ 70°
 γ 75°
 γ 80°
 γ 85°



Photometric test report

Family Spot 21 Standard	Order number: 51SE64MB11A2C EAN: 4069025448118	LP number 59937_25
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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	3500	26.5
1	ON	OFF	OFF	3280	24.5
2	OFF	ON	OFF	3060	22.5
3	ON	ON	OFF	2830	20.5
4	OFF	OFF	ON	2600	18.5
5	ON	OFF	ON	2360	16.6
6	OFF	ON	ON	2120	14.8
7	ON	ON	ON	1870	12.9