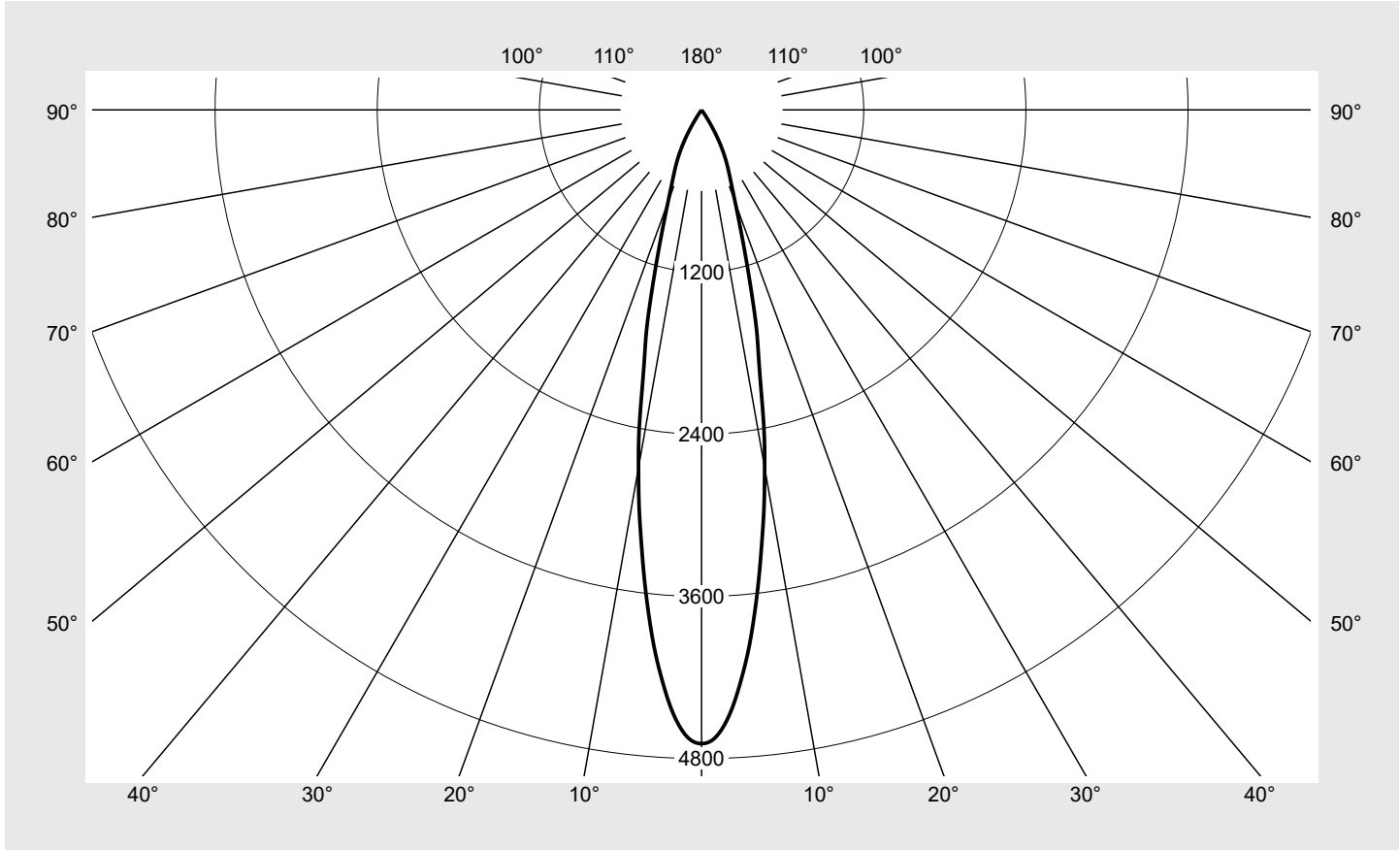


Photometric test report

Family Spot 21 Standard	Order number: 51SE32MB11D2C EAN: 4069025447401	LP number 59932_29
	Version housing, black, 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 = 2890 lm Power consumption = 18.5 W Luminous efficacy = 156.2 lm/W	serial documentation 11.05.2026

siteco

Luminous intensity in cd/klm C180-0 **Imax: 4689 cd/klm**



Classifications	
DIN 5040	A 8 0
CIE	N1=100 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 Standard	Order number: 51SE32MB11D2C EAN: 4069025447401	LP number 59932_29
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sITeco

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°	4689.0	1.1	1.1
1°	4662.7	8.9	10.0
2°	4570.2	17.5	27.5
3°	4419.7	25.4	52.9
4°	4221.2	32.3	85.2
5°	4002.2	38.3	123.4
6°	3748.8	43.0	166.4
7°	3484.3	46.6	213.0
8°	3214.3	49.1	262.0
9°	2959.0	50.8	312.8
10°	2688.0	51.2	364.0
11°	2425.9	50.8	414.7
12°	2119.1	48.3	463.1
13°	1876.2	46.3	509.3
14°	1687.1	44.8	554.1
15°	1466.8	133.0	687.1
20°	726.5	136.2	823.3
25°	445.9	103.3	926.6
30°	219.5	60.2	986.8
35°	21.0	6.6	993.4
40°	7.3	2.6	995.9
45°	3.6	1.4	997.3
50°	2.0	0.8	998.2
55°	1.5	0.7	998.9
60°	1.1	0.5	999.4
65°	0.7	0.4	999.7
70°	0.4	0.2	999.9
75°	0.1	0.1	1000.0
80°	0.0	0.0	1000.0
85°	0.0	0.0	1000.0
90°	0.0	0.0	1000.0

Photometric test report

Family Spot 21 Standard	Order number: 51SE32MB11D2C EAN: 4069025447401	LP number 59932_29
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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	10.0	11.0	10.4	11.3	11.6	10.0	11.0	10.4	11.3	11.6
	3H	9.9	10.7	10.3	11.0	11.4	9.9	10.7	10.3	11.0	11.4
	4H	9.8	10.5	10.2	10.9	11.2	9.8	10.5	10.2	10.9	11.2
	6H	9.7	10.3	10.1	10.7	11.1	9.7	10.3	10.1	10.7	11.1
	8H	9.7	10.2	10.2	10.6	11.0	9.7	10.2	10.2	10.6	11.0
	12H	9.6	10.1	10.1	10.5	10.9	9.6	10.1	10.1	10.5	10.9
4H	2H	9.8	10.5	10.2	10.8	11.2	9.8	10.5	10.2	10.8	11.2
	3H	9.6	10.2	10.0	10.6	11.0	9.6	10.2	10.0	10.6	11.0
	4H	9.4	10.0	9.9	10.4	10.8	9.4	10.0	9.9	10.4	10.8
	6H	9.3	9.8	9.7	10.2	10.7	9.3	9.8	9.7	10.2	10.7
	8H	9.3	9.7	9.7	10.1	10.6	9.3	9.7	9.7	10.1	10.6
	12H	9.2	9.5	9.7	10.0	10.5	9.2	9.5	9.7	10.0	10.5
8H	4H	9.3	9.7	9.7	10.1	10.6	9.3	9.7	9.7	10.1	10.6
	6H	9.1	9.5	9.6	9.9	10.5	9.1	9.5	9.6	9.9	10.5
	8H	9.0	9.3	9.5	9.8	10.4	9.0	9.3	9.5	9.8	10.4
	12H	8.9	9.2	9.5	9.7	10.3	8.9	9.2	9.5	9.7	10.3
12H	4H	9.2	9.5	9.7	10.0	10.5	9.2	9.5	9.7	10.0	10.5
	6H	9.0	9.3	9.5	9.8	10.3	9.0	9.3	9.5	9.8	10.3
	8H	8.9	9.2	9.5	9.7	10.3	8.9	9.2	9.5	9.7	10.3

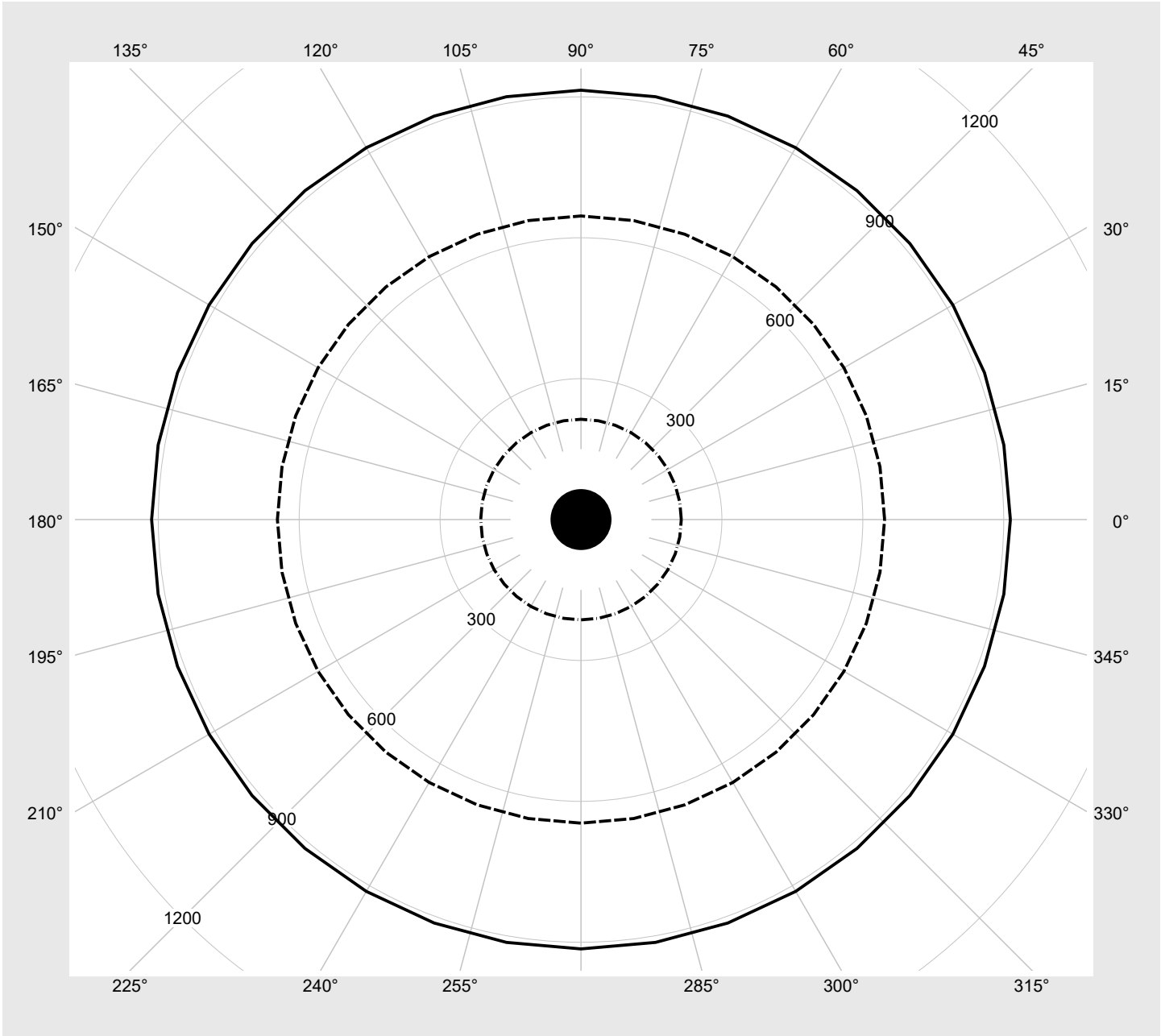
Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm: D = 82
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C-planes	0°
γ	Luminance in cd/m ²
45°	2810.9
50°	1718.0
55°	1443.5
60°	1214.9
65°	914.2
70°	646.4
75°	213.6
80°	0.0
85°	0.0

Photometric test report

Family Spot 21 Standard	Order number: 51SE32MB11D2C EAN: 4069025447401	LP number 59932_29
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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: 51SE32MB11D2C EAN: 4069025447401	LP number 59932_29
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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	3900	26.5
1	ON	OFF	OFF	3660	24.5
2	OFF	ON	OFF	3410	22.5
3	ON	ON	OFF	3150	20.5
4	OFF	OFF	ON	2890	18.5
5	ON	OFF	ON	2630	16.6
6	OFF	ON	ON	2360	14.8
7	ON	ON	ON	2080	12.9