

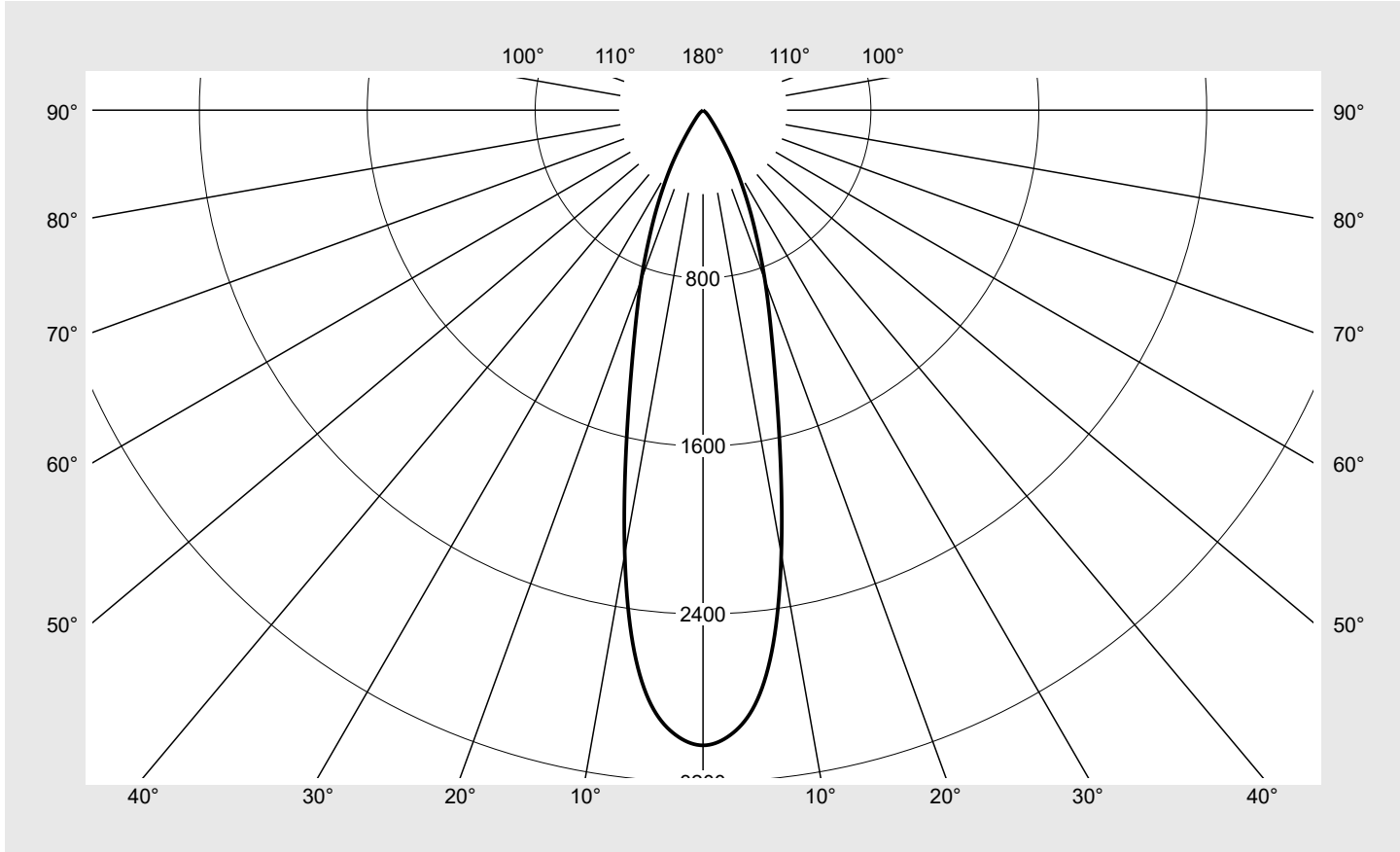


Photometric test report

Family Spot 21 Standard	Order number: 51SE62DA2EC2C EAN: 4069025447760	LP number 59941_15
	Version housing, white aluminium, reflector, lens PMMA, medium distribution Lamps LED 3500 K CRI ≥ 90 Controlgear ECG-DALI-Multilumen Setting factory setting: DIP-Step=5	serial documentation 11.05.2026
	Rated values Net luminous flux = 2200 lm Power consumption = 15.6 W Luminous efficacy = 141 lm/W	

Luminous intensity in cd/klm C180-0 **Imax: 3026 cd/klm**



Classifications	
DIN 5040	A 8 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

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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°	3025.7	4.5	4.5
2,5°	2979.2	35.6	40.1
5,0°	2842.5	67.9	108.1
7,5°	2563.3	91.7	199.8
10,0°	2148.0	102.2	302.0
12,5°	1703.6	101.1	403.1
15,0°	1334.8	94.7	497.8
17,5°	1067.8	88.0	585.8
20,0°	862.9	80.9	666.7
22,5°	681.8	71.5	738.3
25,0°	533.0	61.7	800.0
27,5°	402.1	50.9	850.9
30,0°	293.4	40.2	891.1
32,5°	193.5	28.5	919.6
35,0°	123.6	19.4	939.1
37,5°	81.8	13.6	952.7
40,0°	57.0	10.1	962.8
42,5°	42.5	7.9	970.6
45,0°	31.1	6.0	976.7
47,5°	23.0	4.6	981.3
50,0°	16.9	3.5	984.9
52,5°	12.1	2.6	987.5
55,0°	10.0	2.3	989.7
57,5°	8.6	2.0	991.7
60,0°	7.2	1.7	993.4
62,5°	5.9	1.4	994.9
65,0°	4.7	1.2	996.1
67,5°	3.6	0.9	997.0
70,0°	2.8	0.7	997.7
72,5°	2.4	0.6	998.3
75,0°	2.0	0.5	998.9
77,5°	1.5	0.4	999.3
80,0°	1.2	0.3	999.6
82,5°	0.8	0.2	999.8
85,0°	0.5	0.1	999.9
87,5°	0.2	0.1	1000.0
90,0°	0.0	0.0	1000.0

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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	18.0	19.0	18.3	19.3	19.6	18.0	19.0	18.3	19.3	19.6
	3H	17.9	18.8	18.3	19.2	19.5	17.9	18.8	18.3	19.2	19.5
	4H	17.9	18.7	18.3	19.1	19.5	17.9	18.7	18.3	19.1	19.5
	6H	17.9	18.6	18.4	19.0	19.4	17.9	18.6	18.4	19.0	19.4
	8H	18.0	18.6	18.4	18.9	19.3	18.0	18.6	18.4	18.9	19.3
12H	18.0	18.5	18.4	18.9	19.3	18.0	18.5	18.4	18.9	19.3	
4H	2H	17.8	18.6	18.2	19.0	19.4	17.8	18.6	18.2	19.0	19.4
	3H	17.8	18.5	18.2	18.9	19.3	17.8	18.5	18.2	18.9	19.3
	4H	17.8	18.4	18.2	18.8	19.2	17.8	18.4	18.2	18.8	19.2
	6H	17.8	18.3	18.3	18.7	19.2	17.8	18.3	18.3	18.7	19.2
	8H	17.8	18.2	18.3	18.6	19.1	17.8	18.2	18.3	18.6	19.1
12H	17.8	18.1	18.3	18.6	19.1	17.8	18.1	18.3	18.6	19.1	
8H	4H	17.7	18.1	18.2	18.6	19.1	17.7	18.1	18.2	18.6	19.1
	6H	17.7	18.0	18.2	18.5	19.0	17.7	18.0	18.2	18.5	19.0
	8H	17.7	18.0	18.2	18.5	19.0	17.7	18.0	18.2	18.5	19.0
	12H	17.7	17.9	18.2	18.4	19.0	17.7	17.9	18.2	18.4	19.0
12H	4H	17.7	18.0	18.2	18.5	19.0	17.7	18.0	18.2	18.5	19.0
	6H	17.7	17.9	18.2	18.4	19.0	17.7	17.9	18.2	18.4	19.0
	8H	17.7	17.9	18.2	18.4	19.0	17.7	17.9	18.2	18.4	19.0

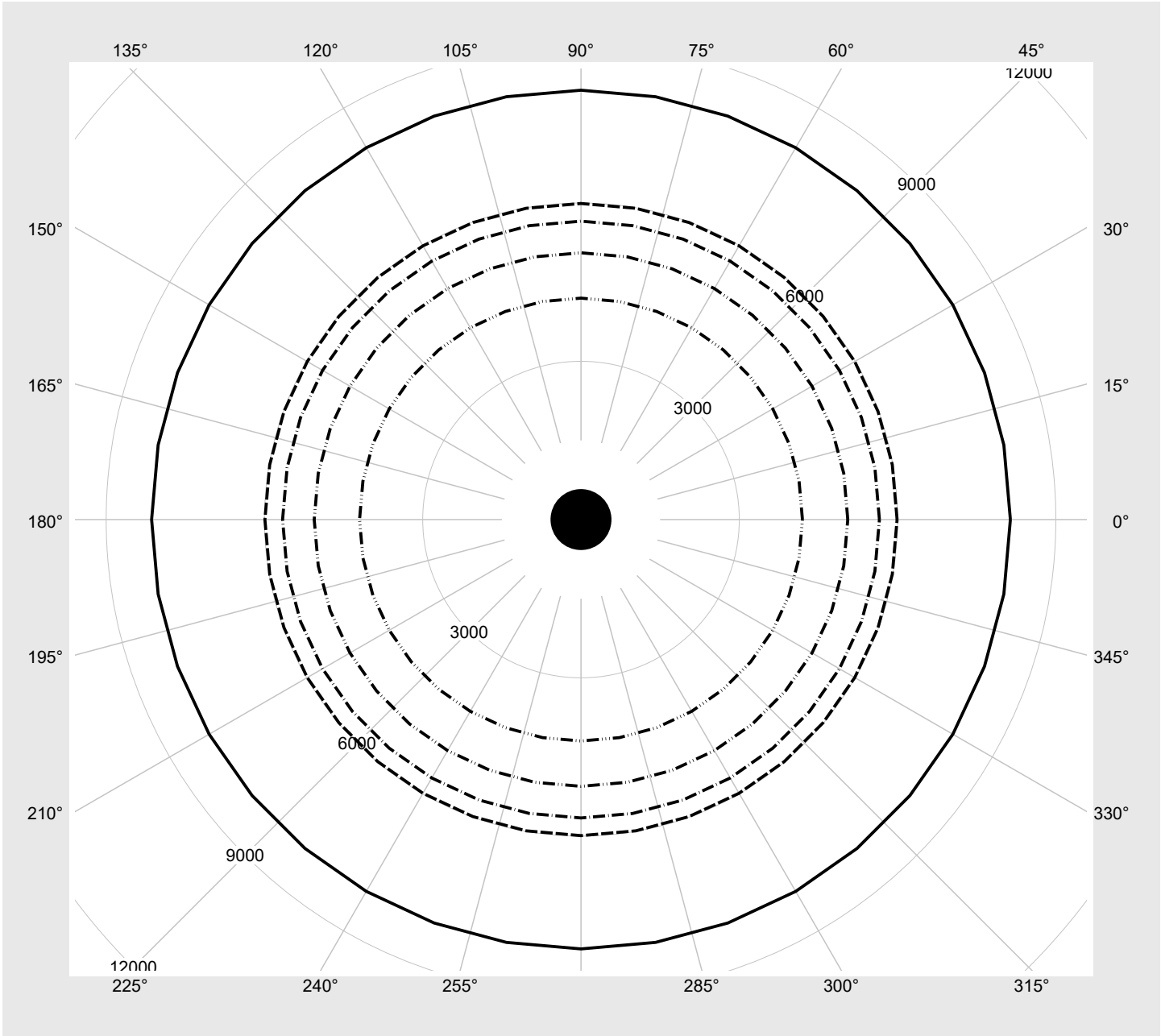
Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm: D = 62
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C-planes	0°
γ	Luminance in cd/m ²
45,0°	32083.8
50,0°	19127.1
55,0°	12759.1
60,0°	10538.5
65,0°	8138.5
70,0°	5991.2
75,0°	5656.3
80,0°	5056.7
85,0°	4197.2

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



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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	4		
11	ON	OFF	ON	ON	3630	28.0
10	ON	OFF	ON	OFF	3410	25.8
9	ON	OFF	OFF	ON	3180	23.7
8	ON	OFF	OFF	OFF	2940	21.6
7	OFF	ON	ON	ON	2700	19.8
6	OFF	ON	ON	OFF	2450	17.7
5	OFF	ON	OFF	ON	2200	15.6
4	OFF	ON	OFF	OFF	1940	13.8
3	OFF	OFF	ON	ON	1680	11.7
2	OFF	OFF	ON	OFF	1410	9.9
1	OFF	OFF	OFF	ON	1130	8.0
0	OFF	OFF	OFF	OFF	850	6.2