

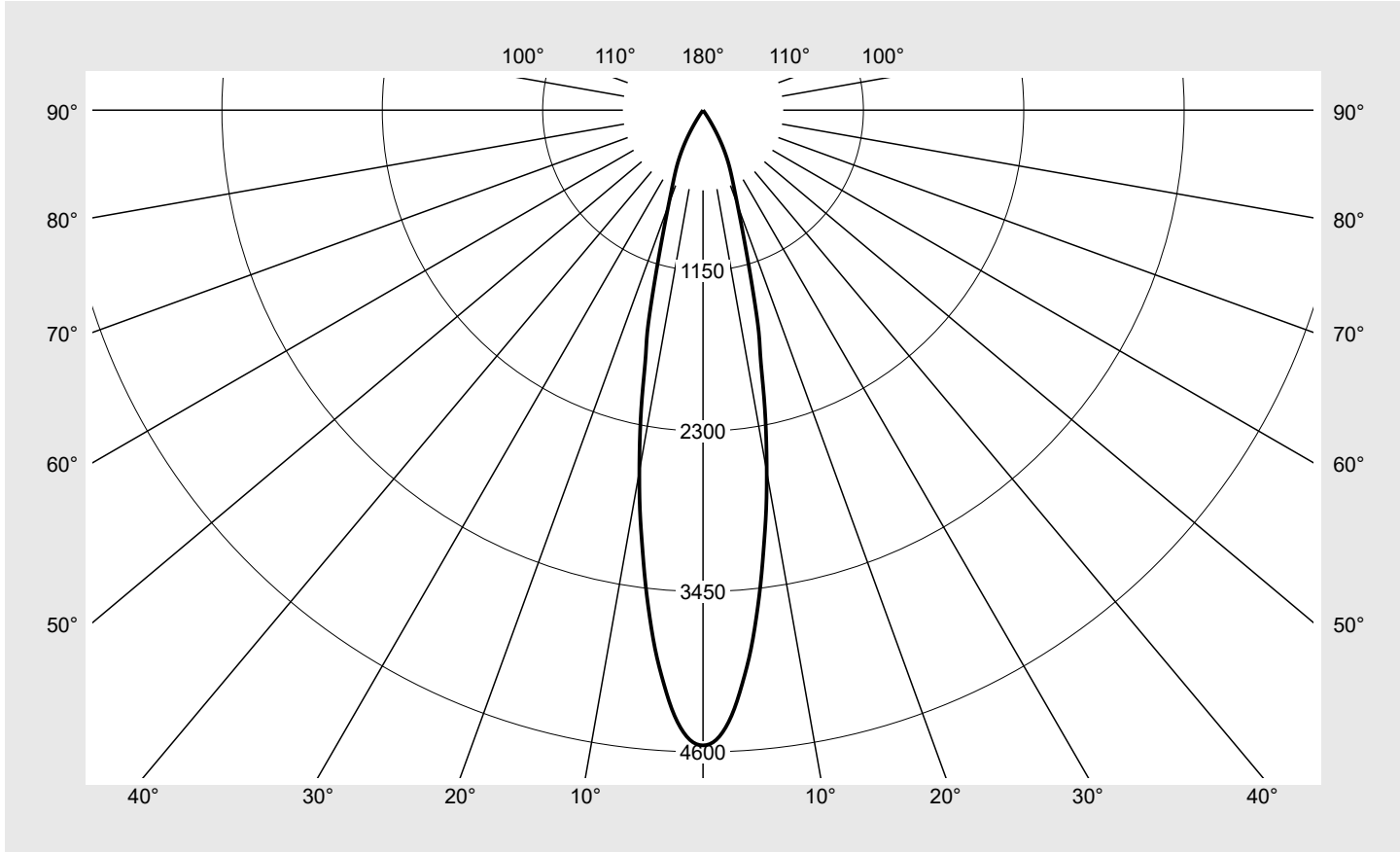


Photometric test report

Family Spot 21 Standard	Order number: 51SE62MB11A2C EAN: 4069025447869	LP number 59935_26
	Version housing, white aluminium, reflector, cover glass, transparent, narrow distribution Lamps LED 2700 K CRI ≥ 90 Controlgear ECG Multilumen Setting factory setting: DIP-Step=4	serial documentation 11.05.2026
	Rated values Net luminous flux = 2670 lm Power consumption = 18.5 W Luminous efficacy = 144.3 lm/W	

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: 51SE62MB11A2C EAN: 4069025447869	LP number 59935_26
-----------------------------------	---	------------------------------



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: 51SE62MB11A2C EAN: 4069025447869	LP number 59935_26
----------------------------	---	-----------------------

UGR-Table	Standard room	siteco								
-----------	---------------	--------	--	--	--	--	--	--	--	--

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	11.0	11.9	11.3	12.3	12.6	11.0	11.9	11.3	12.3	12.6
	3H	11.6	12.4	12.0	12.7	13.1	11.6	12.4	12.0	12.7	13.1
	4H	11.8	12.6	12.2	12.9	13.3	11.8	12.6	12.2	12.9	13.3
	6H	12.0	12.7	12.4	13.1	13.5	12.0	12.7	12.4	13.1	13.5
	8H	12.2	12.7	12.6	13.1	13.5	12.2	12.7	12.6	13.1	13.5
12H	12.2	12.7	12.6	13.1	13.5	12.2	12.7	12.6	13.1	13.5	
4H	2H	11.1	11.8	11.5	12.2	12.5	11.1	11.8	11.5	12.2	12.5
	3H	11.8	12.4	12.2	12.8	13.2	11.8	12.4	12.2	12.8	13.2
	4H	12.2	12.7	12.6	13.1	13.6	12.2	12.7	12.6	13.1	13.6
	6H	12.5	13.0	12.9	13.4	13.9	12.5	13.0	12.9	13.4	13.9
	8H	12.6	13.0	13.1	13.5	14.0	12.6	13.0	13.1	13.5	14.0
12H	12.7	13.0	13.2	13.5	14.0	12.7	13.0	13.2	13.5	14.0	
8H	4H	12.3	12.7	12.8	13.1	13.6	12.3	12.7	12.8	13.1	13.6
	6H	12.7	13.0	13.2	13.5	14.0	12.7	13.0	13.2	13.5	14.0
	8H	12.8	13.1	13.3	13.6	14.2	12.8	13.1	13.3	13.6	14.2
	12H	12.9	13.2	13.4	13.7	14.3	12.9	13.2	13.4	13.7	14.3
12H	4H	12.2	12.6	12.7	13.1	13.6	12.2	12.6	12.7	13.1	13.6
	6H	12.7	13.0	13.2	13.5	14.0	12.7	13.0	13.2	13.5	14.0
	8H	12.8	13.1	13.4	13.6	14.2	12.8	13.1	13.4	13.6	14.2

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

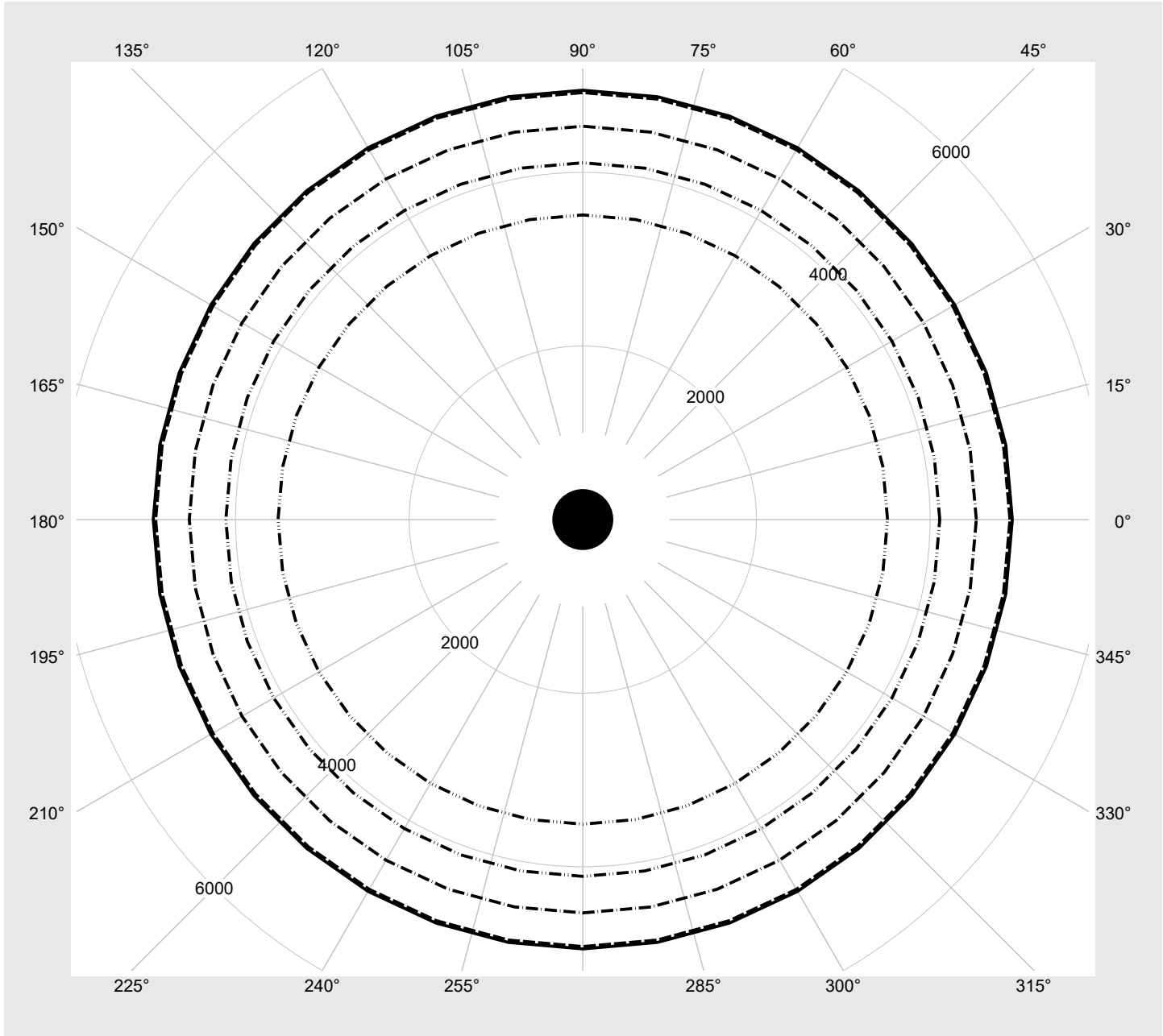
C-planes	0°
γ	Luminance in cd/m ²
45°	5624.9
50°	4838.9
55°	4712.3
60°	4792.9
65°	4946.8
70°	4919.5
75°	4532.0
80°	4111.1
85°	3509.6

Photometric test report

Family Spot 21 Standard	Order number: 51SE62MB11A2C EAN: 4069025447869	LP number 59935_26
--	---	-------------------------------------



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



Photometric test report

Family Spot 21 Standard	Order number: 51SE62MB11A2C EAN: 4069025447869	LP number 59935_26
-----------------------------------	---	------------------------------

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

DIP-Step	Switch Setting			Luminous flux [lm]	Power consumption [W]
	1	2	3		
0	OFF	OFF	OFF	3600	26.5
1	ON	OFF	OFF	3380	24.5
2	OFF	ON	OFF	3150	22.5
3	ON	ON	OFF	2910	20.5
4	OFF	OFF	ON	2670	18.5
5	ON	OFF	ON	2430	16.6
6	OFF	ON	ON	2180	14.8
7	ON	ON	ON	1920	12.9