
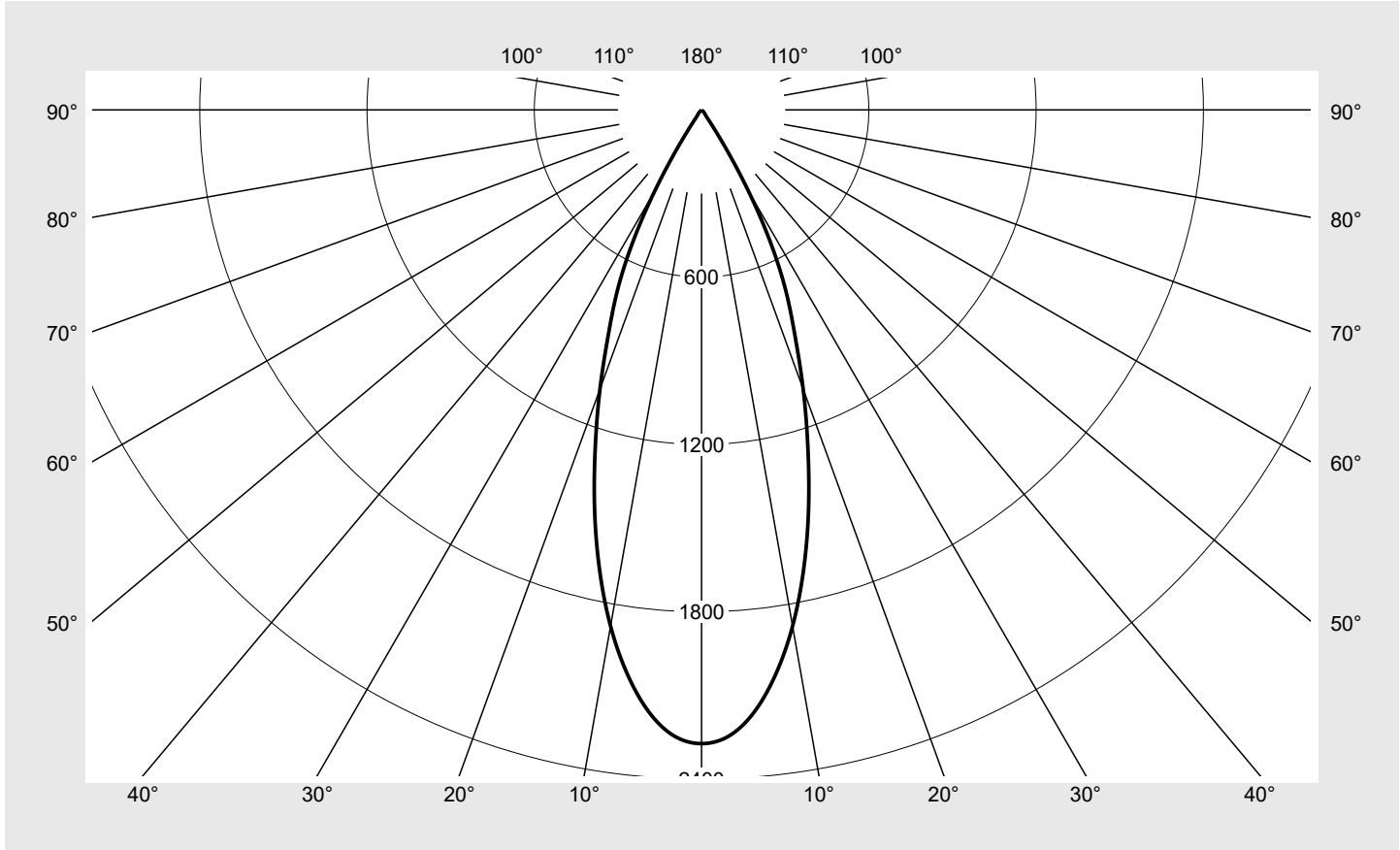


# Photometric test report

<b>Family</b> <b>Spot 21 Standard</b>	<b>Order number: 51SE63MB11B2C</b> <b>EAN: 4069025448033</b>	<b>LP number</b> <b>59936_26</b>
	<b>Version</b> housing, white aluminium, reflector, cover glass, transparent, medium distribution <b>Lamps</b> LED 3000 K   CRI ≥ 90 <b>Controlgear</b> ECG Multilumen <b>Setting</b> factory setting: DIP-Step=4 <b>Rated values</b> Net luminous flux = 2810 lm Power consumption = 18.5 W Luminous efficacy = 151.9 lm/W	<b>serial documentation</b> <b>11.05.2026</b>



**Luminous intensity in cd/klm** C180-0 **Imax: 2273 cd/klm**



Classifications	
DIN 5040	A 8 0
CIE	N1=98 N2=99 N3=100 N4=100 N5=100

Luminaire light output ratios	
$\eta_{LB}$	100.0%
$\phi_u$	100.0%
$\phi_o$	0.0%

**Measurement conditions**  
DIN EN 13032 and DIN 5032

## Photometric test report

<b>Family</b> Spot 21 Standard	<b>Order number: 51SE63MB11B2C</b> <b>EAN: 4069025448033</b>	<b>LP number</b> 59936_26
-----------------------------------	---	------------------------------



<b>Table of values for luminous intensities</b>	<b>Maximum luminous intensity</b>
---	-----------------------------------

C-planes	0°	Phi-zone	Total Phi-zone
$\gamma$	Luminous intensity in cd/klm	Luminous flux in lm/klm	
0,0°	2272.8	3.4	3.4
2,5°	2247.7	26.9	30.3
5,0°	2167.7	51.8	82.1
7,5°	2040.8	73.0	155.1
10,0°	1880.0	89.5	244.6
12,5°	1690.1	100.3	344.9
15,0°	1482.7	105.2	450.1
17,5°	1267.9	104.5	554.6
20,0°	1065.6	99.9	654.5
22,5°	874.9	91.8	746.3
25,0°	714.3	82.8	829.0
27,5°	533.8	67.6	896.6
30,0°	335.3	46.0	942.6
32,5°	151.5	22.3	964.9
35,0°	44.0	6.9	971.8
37,5°	23.3	3.9	975.7
40,0°	17.4	3.1	978.7
42,5°	13.8	2.6	981.3
45,0°	11.3	2.2	983.5
47,5°	9.4	1.9	985.4
50,0°	8.2	1.7	987.1
52,5°	7.3	1.6	988.7
55,0°	6.6	1.5	990.2
57,5°	6.0	1.4	991.6
60,0°	5.5	1.3	992.9
62,5°	5.0	1.2	994.1
65,0°	4.6	1.1	995.3
67,5°	4.1	1.0	996.3
70,0°	3.6	0.9	997.2
72,5°	3.0	0.8	998.0
75,0°	2.3	0.6	998.6
77,5°	1.8	0.5	999.1
80,0°	1.4	0.4	999.5
82,5°	1.0	0.3	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: 51SE63MB11B2C EAN: 4069025448033	LP number 59936_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	13.7	14.7	14.1	15.0	15.4	13.7	14.7	14.1	15.0	15.4
	3H	14.0	14.9	14.4	15.2	15.6	14.0	14.9	14.4	15.2	15.6
	4H	14.1	14.9	14.5	15.3	15.6	14.1	14.9	14.5	15.3	15.6
	6H	14.2	14.9	14.6	15.3	15.7	14.2	14.9	14.6	15.3	15.7
	8H	14.4	14.9	14.8	15.3	15.7	14.4	14.9	14.8	15.3	15.7
	12H	14.3	14.8	14.8	15.2	15.6	14.3	14.8	14.8	15.2	15.6
4H	2H	13.7	14.5	14.1	14.8	15.2	13.7	14.5	14.1	14.8	15.2
	3H	14.0	14.7	14.5	15.1	15.5	14.0	14.7	14.5	15.1	15.5
	4H	14.2	14.8	14.7	15.2	15.7	14.2	14.8	14.7	15.2	15.7
	6H	14.3	14.9	14.8	15.3	15.8	14.3	14.9	14.8	15.3	15.8
	8H	14.4	14.9	14.9	15.3	15.8	14.4	14.9	14.9	15.3	15.8
	12H	14.5	14.8	15.0	15.3	15.8	14.5	14.8	15.0	15.3	15.8
8H	4H	14.2	14.7	14.7	15.1	15.6	14.2	14.7	14.7	15.1	15.6
	6H	14.5	14.8	15.0	15.3	15.8	14.5	14.8	15.0	15.3	15.8
	8H	14.5	14.8	15.0	15.3	15.8	14.5	14.8	15.0	15.3	15.8
	12H	14.6	14.8	15.1	15.3	15.9	14.6	14.8	15.1	15.3	15.9
12H	4H	14.2	14.6	14.7	15.0	15.5	14.2	14.6	14.7	15.0	15.5
	6H	14.4	14.7	15.0	15.2	15.7	14.4	14.7	15.0	15.2	15.7
	8H	14.5	14.8	15.1	15.3	15.8	14.5	14.8	15.1	15.3	15.8

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

C-planes	0°
$\gamma$	Luminance in cd/m <sup>2</sup>
45,0°	8529.5
50,0°	6808.6
55,0°	6141.2
60,0°	5871.1
65,0°	5809.2
70,0°	5617.8
75,0°	4742.9
80,0°	4302.2
85,0°	3675.3

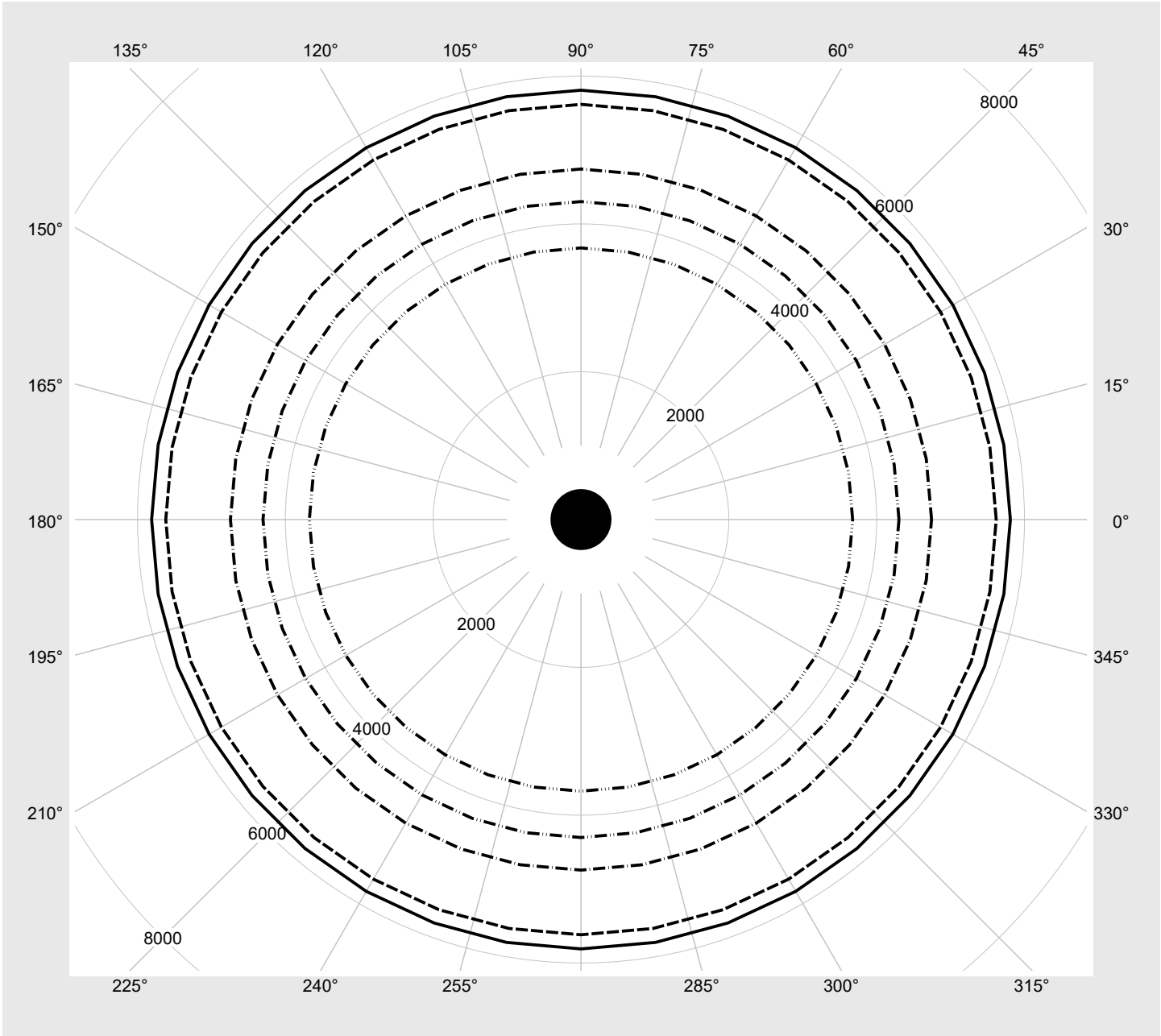
**Photometric test report**

<b>Family</b> Spot 21 Standard	<b>Order number: 51SE63MB11B2C</b> <b>EAN: 4069025448033</b>	<b>LP number</b> 59936_26
-----------------------------------	---	------------------------------



Luminance values in cd/m<sup>2</sup>

$\gamma$  65°   
   $\gamma$  70°   
   $\gamma$  75°   
   $\gamma$  80°   
   $\gamma$  85°



## Photometric test report

Family <b>Spot 21 Standard</b>	Order number: <b>51SE63MB11B2C</b> EAN: <b>4069025448033</b>	LP number <b>59936_26</b>
-----------------------------------	---	------------------------------

<b>Multilumen Table</b>	environmental temperature: 25°C	<b>sITeco</b>
-------------------------	---------------------------------	---------------

DIP-Step	Switch Setting			Luminous flux [lm]	Power consumption [W]
	1	2	3		
0	OFF	OFF	OFF	3780	26.5
1	ON	OFF	OFF	3540	24.5
2	OFF	ON	OFF	3300	22.5
3	ON	ON	OFF	3060	20.5
4	OFF	OFF	ON	2810	18.5
5	ON	OFF	ON	2550	16.6
6	OFF	ON	ON	2290	14.8
7	ON	ON	ON	2020	12.9