
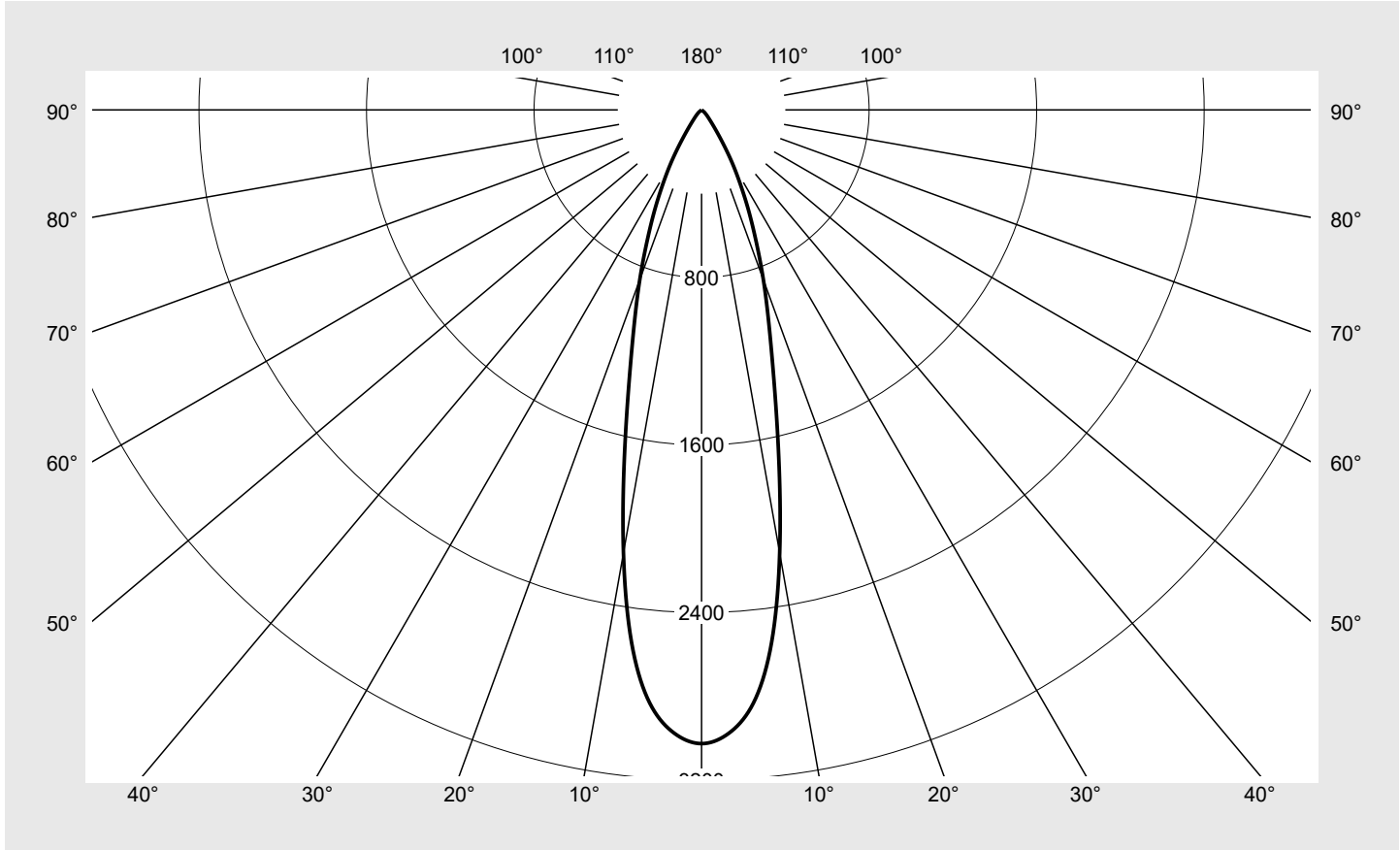


# Photometric test report

<b>Family</b> <b>Spot 21 Standard</b>	<b>Order number: 51SE62MA2EC2C</b> <b>EAN: 4069025447845</b>	<b>LP number</b> <b>59941_11</b>
	<b>Version</b> housing, white aluminium, reflector, lens PMMA, medium distribution <b>Lamps</b> LED 3500 K   CRI ≥ 90 <b>Controlgear</b> ECG Multilumen <b>Setting</b> factory setting: DIP-Step=6 <b>Rated values</b> Net luminous flux = 2200 lm Power consumption = 14.8 W Luminous efficacy = 148.6 lm/W	<b>serial documentation</b> <b>11.05.2026</b>



**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	
$\eta_{LB}$	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: 51SE62MA2EC2C</b> <b>EAN: 4069025447845</b>	<b>LP number</b> 59941_11
-----------------------------------	---	------------------------------

**sITeco**

<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°	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

## Photometric test report

Family Spot 21 Standard	Order number: 51SE62MA2EC2C EAN: 4069025447845	LP number 59941_11
----------------------------	---	-----------------------

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	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

<b>Luminance table</b>	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm: D = 62
------------------------	---------------------------------	--------------------------------------

C-planes	$0^\circ$
$\gamma$	Luminance in cd/m <sup>2</sup>
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

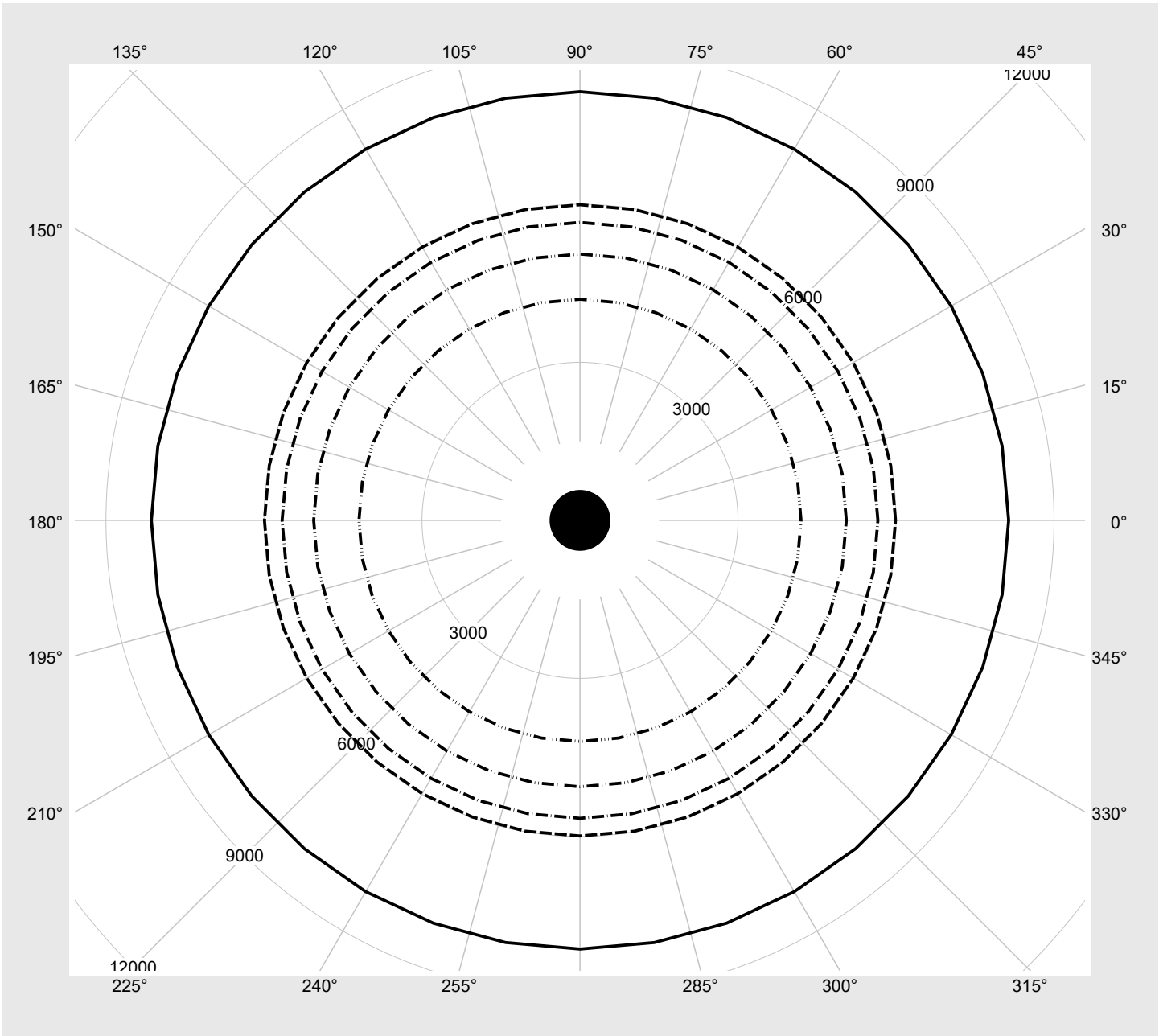
**Photometric test report**

<b>Family</b> Spot 21 Standard	<b>Order number: 51SE62MA2EC2C</b> <b>EAN: 4069025447845</b>	<b>LP number</b> 59941_11
-----------------------------------	---	------------------------------

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

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

**siteco**



### Photometric test report

Family <b>Spot 21 Standard</b>	Order number: <b>51SE62MA2EC2C</b> EAN: <b>4069025447845</b>	LP number <b>59941_11</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	3630	26.5
1	ON	OFF	OFF	3410	24.4
2	OFF	ON	OFF	3180	22.4
3	ON	ON	OFF	2940	20.4
4	OFF	OFF	ON	2700	18.5
5	ON	OFF	ON	2450	16.5
6	OFF	ON	ON	2200	14.8
7	ON	ON	ON	1940	12.8