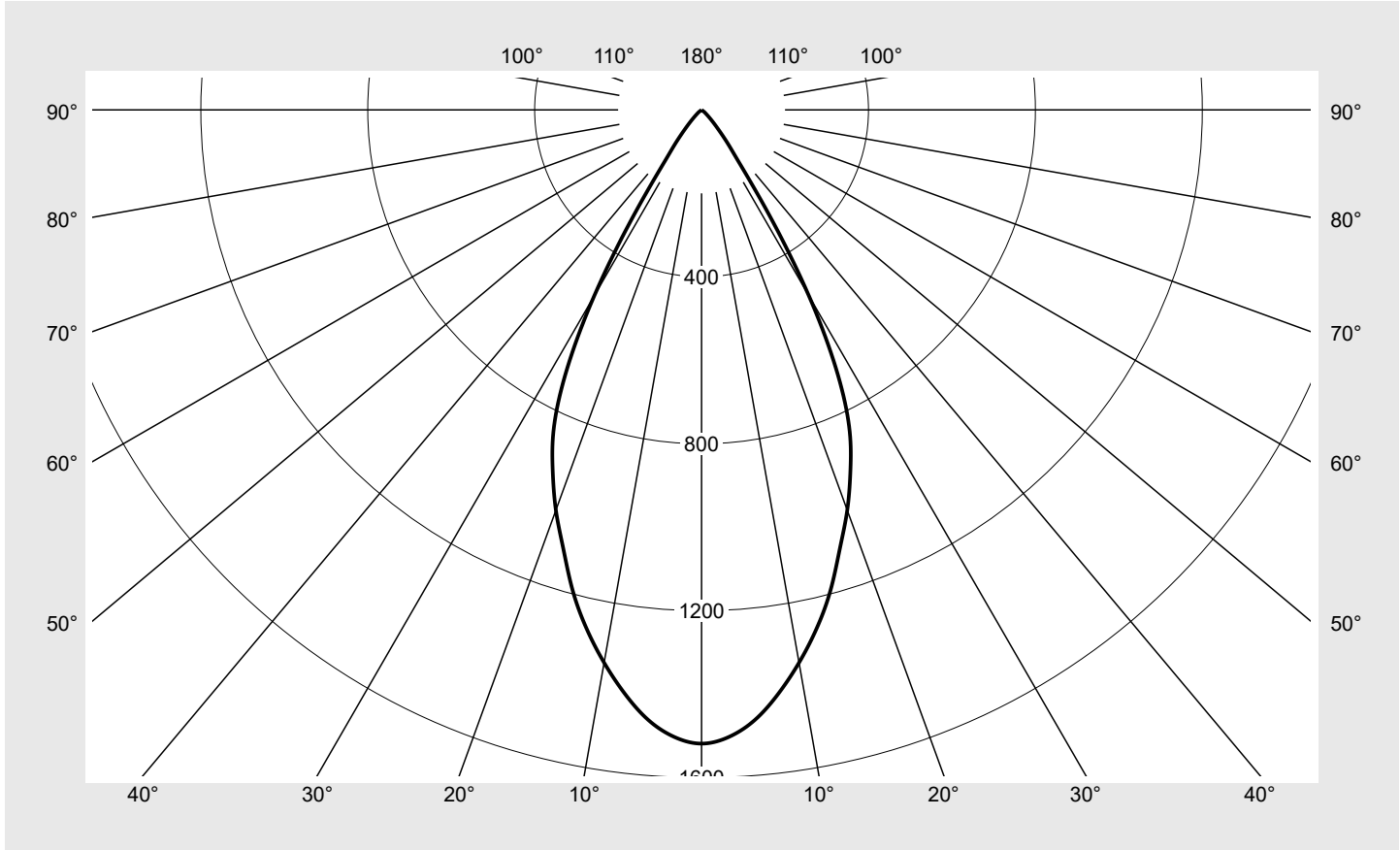


# Photometric test report

<b>Family</b> <b>Spot 21 Standard</b>	<b>Order number: 51SE34DB11B2C</b> <b>EAN: 4069025447593</b>	<b>LP number</b> <b>59934_32</b>
	<b>Version</b> housing, black, reflector, cover glass, transparent, wide distribution	<b>serial documentation</b> <b>11.05.2026</b>
	<b>Lamps</b> LED 3000 K   CRI ≥ 90	
<b>Controlgear</b> ECG-DALI-Multilumen		
<b>Rated values</b>	Net luminous flux = 1140 lm Power consumption = 8.1 W Luminous efficacy = 140.7 lm/W	



**Luminous intensity in cd/klm** C180-0 **Imax: 1518 cd/klm**



Classifications	
DIN 5040	A 8 0
CIE	N1=98 N2=100 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

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**sITeco**

<b>Table of values for luminous intensities</b>	<b>Maximum luminous intensity</b>
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C-planes	0°	Phi-zone	Total Phi-zone
$\gamma$	Luminous intensity in cd/klm	Luminous flux in lm/klm	
0,0°	1518.5	2.3	2.3
2,5°	1503.9	18.0	20.3
5,0°	1467.3	35.1	55.3
7,5°	1410.8	50.5	105.8
10,0°	1345.0	64.0	169.8
12,5°	1273.2	75.5	245.4
15,0°	1192.8	84.6	330.0
17,5°	1102.1	90.9	420.8
20,0°	1020.8	95.7	516.6
22,5°	932.5	97.8	614.4
25,0°	836.7	96.9	711.3
27,5°	696.4	88.2	799.5
30,0°	514.1	70.5	869.9
32,5°	318.7	46.9	916.9
35,0°	172.5	27.1	944.0
37,5°	109.8	18.3	962.3
40,0°	70.5	12.4	974.8
42,5°	44.6	8.3	983.0
45,0°	28.1	5.4	988.5
47,5°	17.7	3.6	992.0
50,0°	11.6	2.4	994.5
52,5°	7.9	1.7	996.2
55,0°	5.3	1.2	997.4
57,5°	3.6	0.8	998.2
60,0°	2.5	0.6	998.8
62,5°	1.8	0.4	999.3
65,0°	1.2	0.3	999.6
67,5°	0.8	0.2	999.8
70,0°	0.5	0.1	999.9
72,5°	0.3	0.1	1000.0
75,0°	0.1	0.0	1000.0
77,5°	0.0	0.0	1000.0
80,0°	0.0	0.0	1000.0
82,5°	0.0	0.0	1000.0
85,0°	0.0	0.0	1000.0
87,5°	0.0	0.0	1000.0
90,0°	0.0	0.0	1000.0

## Photometric test report

Family Spot 21 Standard	Order number: 51SE34DB11B2C EAN: 4069025447593	LP number 59934_32
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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	15.9	16.9	16.2	17.3	17.6	15.9	16.9	16.2	17.3	17.6
	3H	15.7	16.6	16.1	17.0	17.3	15.7	16.6	16.1	17.0	17.3
	4H	15.6	16.5	16.0	16.8	17.2	15.6	16.5	16.0	16.8	17.2
	6H	15.5	16.3	15.9	16.7	17.1	15.5	16.3	15.9	16.7	17.1
	8H	15.6	16.2	16.1	16.6	17.0	15.6	16.2	16.1	16.6	17.0
	12H	15.6	16.1	16.0	16.5	16.9	15.6	16.1	16.0	16.5	16.9
4H	2H	15.6	16.5	16.0	16.8	17.2	15.6	16.5	16.0	16.8	17.2
	3H	15.4	16.1	15.9	16.5	17.0	15.4	16.1	15.9	16.5	17.0
	4H	15.3	15.9	15.8	16.4	16.8	15.3	15.9	15.8	16.4	16.8
	6H	15.2	15.7	15.7	16.2	16.7	15.2	15.7	15.7	16.2	16.7
	8H	15.2	15.6	15.7	16.1	16.6	15.2	15.6	15.7	16.1	16.6
	12H	15.2	15.5	15.7	16.0	16.5	15.2	15.5	15.7	16.0	16.5
8H	4H	15.2	15.6	15.7	16.1	16.6	15.2	15.6	15.7	16.1	16.6
	6H	15.1	15.4	15.6	15.9	16.4	15.1	15.4	15.6	15.9	16.4
	8H	15.0	15.3	15.5	15.8	16.3	15.0	15.3	15.5	15.8	16.3
	12H	14.9	15.2	15.5	15.7	16.3	14.9	15.2	15.5	15.7	16.3
12H	4H	15.2	15.5	15.7	16.0	16.5	15.2	15.5	15.7	16.0	16.5
	6H	15.0	15.3	15.5	15.8	16.3	15.0	15.3	15.5	15.8	16.3
	8H	14.9	15.2	15.5	15.7	16.3	14.9	15.2	15.5	15.7	16.3

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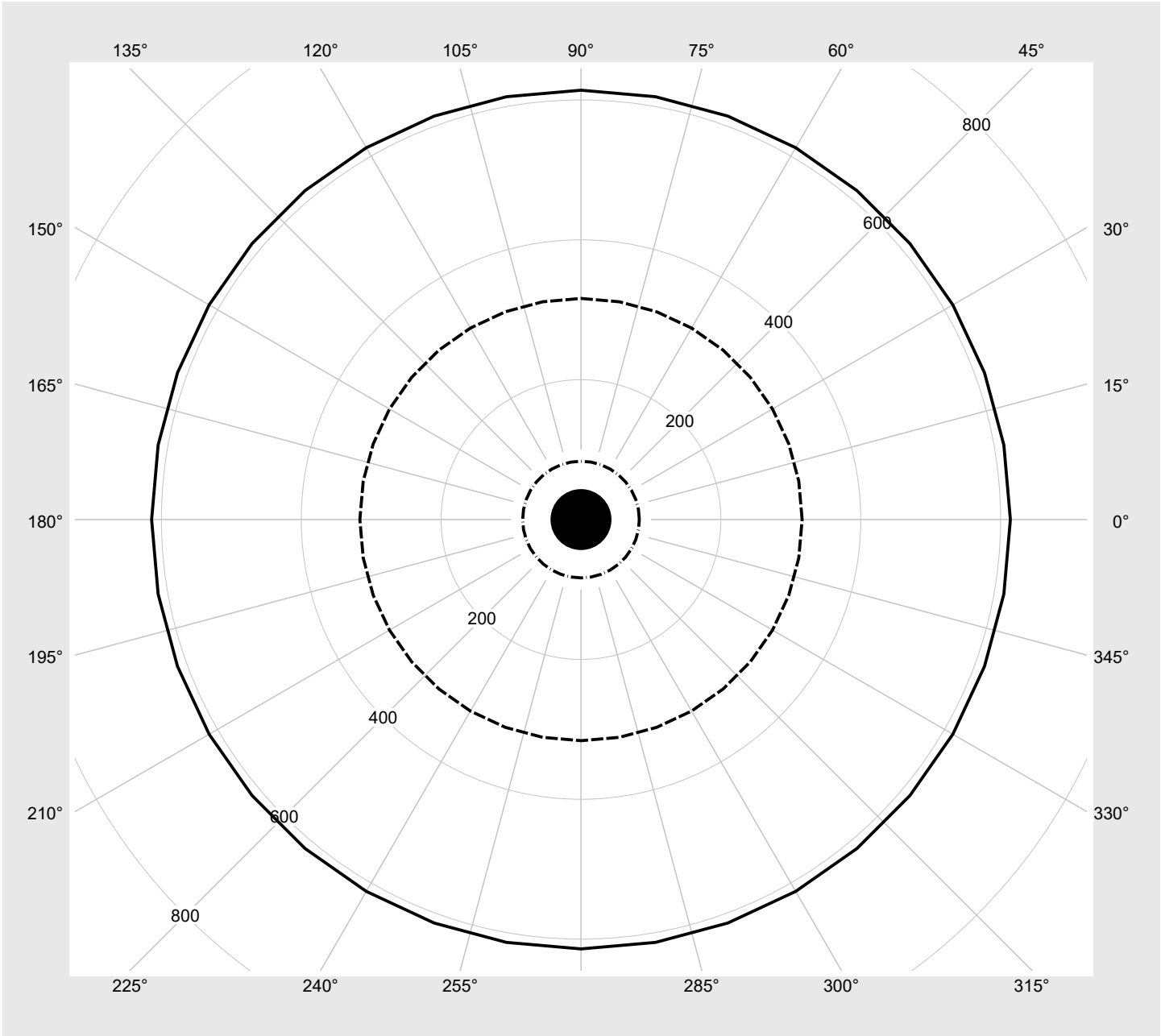
<b>Luminance table</b>	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm: D = 82
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C-planes	$0^\circ$
$\gamma$	Luminance in $\text{cd/m}^2$
45,0°	8565.3
50,0°	3903.7
55,0°	1998.8
60,0°	1081.5
65,0°	614.0
70,0°	316.2
75,0°	83.4
80,0°	0.0
85,0°	0.0

**Photometric test report**

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**Luminance values in cd/m<sup>2</sup>**       $\gamma$  65°      $\gamma$  70°      $\gamma$  75°      $\gamma$  80°      $\gamma$  85°



### Photometric test report

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<b>Multilumen Table</b>	environmental temperature: 25°C	<b>sITeco</b>
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DIP-Step	Switch Setting				Luminous flux [lm]	Power consumption [W]
	1	2	3	4		
----	ON	OFF	ON	ON	----	----
----	ON	OFF	ON	OFF	----	----
----	ON	OFF	OFF	ON	----	----
----	ON	OFF	OFF	OFF	----	----
----	OFF	ON	ON	ON	----	----
----	OFF	ON	ON	OFF	----	----
----	OFF	ON	OFF	ON	----	----
----	OFF	ON	OFF	OFF	----	----
----	OFF	OFF	ON	ON	----	----
----	OFF	OFF	ON	OFF	----	----
1	OFF	OFF	OFF	ON	1140	8.1
0	OFF	OFF	OFF	OFF	850	6.2