

Photometric test report

Family
Spot 21 Licross®

Order number: 51SL14DB11D2C
EAN: 4069025502483

LP number
59931_44



Version housing, white, reflector, cover glass, transparent, wide distribution
Lamps LED 4000 K | CRI ≥ 90
Controlgear ECG-DALI-Multilumen
Setting factory setting: DIP-Step=7
Rated values Net luminous flux = 2950 lm
Power consumption = 19.8 W
Luminous efficacy = 149 lm/W

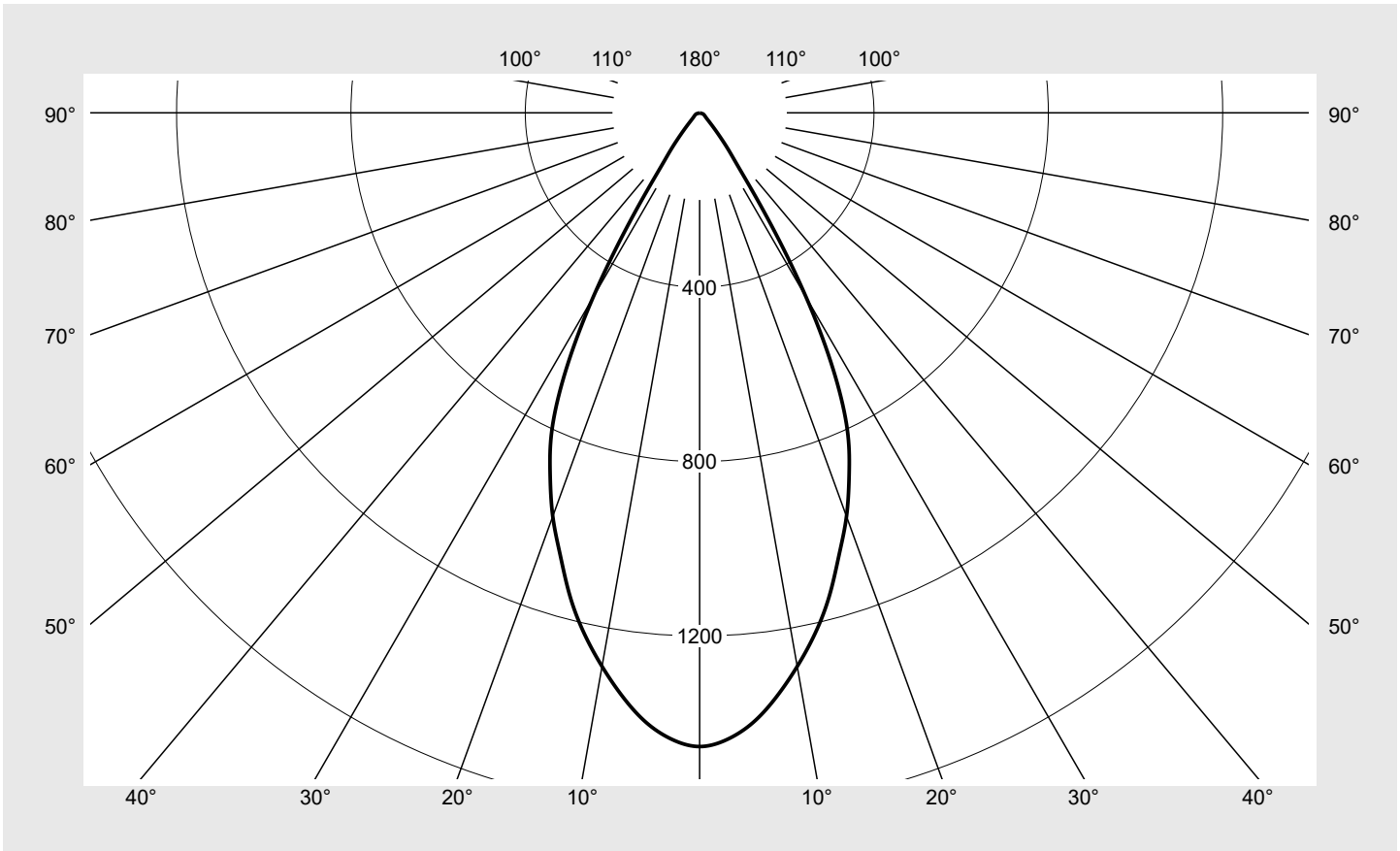
serial
documentation
21.05.2026

sitEco

Luminous intensity in cd/klm

C180-0

Imax: 1454 cd/klm



Classifications

DIN 5040 A 7 0
CIE N1=94 N2=98 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
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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°	1453.7	2.2	2.2
2,5°	1438.9	17.2	19.4
5,0°	1404.1	33.5	52.9
7,5°	1351.1	48.3	101.3
10,0°	1289.5	61.4	162.7
12,5°	1223.4	72.6	235.2
15,0°	1148.5	81.5	316.7
17,5°	1063.6	87.7	404.4
20,0°	985.2	92.4	496.8
22,5°	896.4	94.0	590.8
25,0°	801.5	92.9	683.7
27,5°	663.4	84.0	767.6
30,0°	489.2	67.1	834.7
32,5°	307.3	45.3	880.0
35,0°	173.2	27.2	907.2
37,5°	114.5	19.1	926.3
40,0°	77.4	13.6	940.0
42,5°	52.8	9.8	949.7
45,0°	37.7	7.3	957.0
47,5°	28.4	5.7	962.8
50,0°	22.7	4.8	967.6
52,5°	19.1	4.2	971.7
55,0°	16.7	3.8	975.5
57,5°	15.0	3.5	978.9
60,0°	13.6	3.2	982.2
62,5°	12.4	3.0	985.2
65,0°	11.2	2.8	988.0
67,5°	10.1	2.6	990.6
70,0°	9.0	2.3	992.9
72,5°	7.7	2.0	994.9
75,0°	6.2	1.6	996.5
77,5°	4.7	1.3	997.8
80,0°	3.6	1.0	998.8
82,5°	2.5	0.7	999.5
85,0°	1.5	0.4	999.9
87,5°	0.5	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	19.8	20.9	20.1	21.2	21.5	19.8	20.9	20.1	21.2	21.5
	3H	20.1	21.1	20.5	21.4	21.8	20.1	21.1	20.5	21.4	21.8
	4H	20.2	21.2	20.6	21.5	21.9	20.2	21.2	20.6	21.5	21.9
	6H	20.3	21.2	20.8	21.5	21.9	20.3	21.2	20.8	21.5	21.9
	8H	20.5	21.2	21.0	21.6	22.0	20.5	21.2	21.0	21.6	22.0
	12H	20.5	21.1	21.0	21.5	21.9	20.5	21.1	21.0	21.5	21.9
4H	2H	19.8	20.7	20.2	21.0	21.4	19.8	20.7	20.2	21.0	21.4
	3H	20.2	21.0	20.6	21.3	21.8	20.2	21.0	20.6	21.3	21.8
	4H	20.4	21.1	20.9	21.5	22.0	20.4	21.1	20.9	21.5	22.0
	6H	20.6	21.2	21.1	21.6	22.1	20.6	21.2	21.1	21.6	22.1
	8H	20.7	21.2	21.2	21.7	22.1	20.7	21.2	21.2	21.7	22.1
	12H	20.8	21.2	21.3	21.6	22.1	20.8	21.2	21.3	21.6	22.1
8H	4H	20.5	21.0	21.0	21.4	21.9	20.5	21.0	21.0	21.4	21.9
	6H	20.8	21.2	21.3	21.6	22.2	20.8	21.2	21.3	21.6	22.2
	8H	20.8	21.2	21.4	21.7	22.2	20.8	21.2	21.4	21.7	22.2
	12H	20.9	21.2	21.5	21.7	22.3	20.9	21.2	21.5	21.7	22.3
12H	4H	20.5	20.9	21.0	21.4	21.9	20.5	20.9	21.0	21.4	21.9
	6H	20.8	21.1	21.3	21.6	22.1	20.8	21.1	21.3	21.6	22.1
	8H	20.9	21.2	21.4	21.7	22.2	20.9	21.2	21.4	21.7	22.2

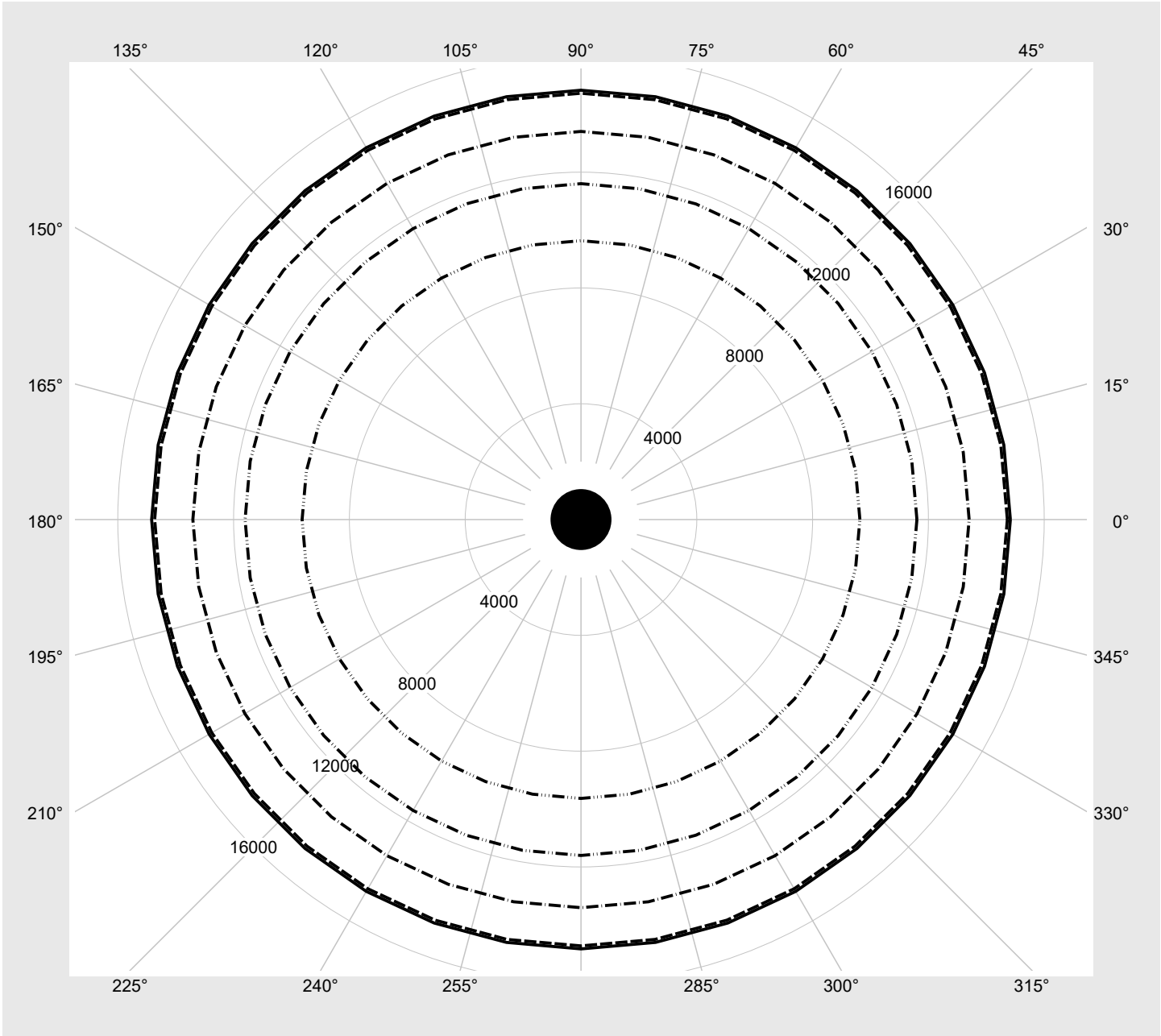
Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm: D = 82
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C-planes	0°
γ	Luminance in cd/m²
45,0°	29760.4
50,0°	19764.4
55,0°	16295.2
60,0°	15223.1
65,0°	14831.6
70,0°	14727.0
75,0°	13407.2
80,0°	11603.3
85,0°	9633.1

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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	
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DIP-Step	Switch Setting				Luminous flux [lm]	Power consumption [W]
	1	2	3	4		
11	ON	OFF	ON	ON	3980	28.1
10	ON	OFF	ON	OFF	3730	25.9
9	ON	OFF	OFF	ON	3480	23.8
8	ON	OFF	OFF	OFF	3220	21.7
7	OFF	ON	ON	ON	2950	19.8
6	OFF	ON	ON	OFF	2680	17.7
5	OFF	ON	OFF	ON	2410	15.7
4	OFF	ON	OFF	OFF	2120	13.8
3	OFF	OFF	ON	ON	1830	11.7
2	OFF	OFF	ON	OFF	1540	9.9
1	OFF	OFF	OFF	ON	1230	8.1
0	OFF	OFF	OFF	OFF	920	6.2