

Photometric test report

Family
Spot 21 Licross®

Order number: 51SL32DB11B2C
EAN: 4069025603722

LP number
59932_40



Version housing, black, reflector, cover glass, transparent, narrow distribution

Lamps LED 3000 K | CRI ≥ 90

Controlgear ECG-DALI-Multilumen

Setting factory setting: DIP-Step=7

Rated values Net luminous flux = 2800 lm
Power consumption = 19.8 W
Luminous efficacy = 141.4 lm/W

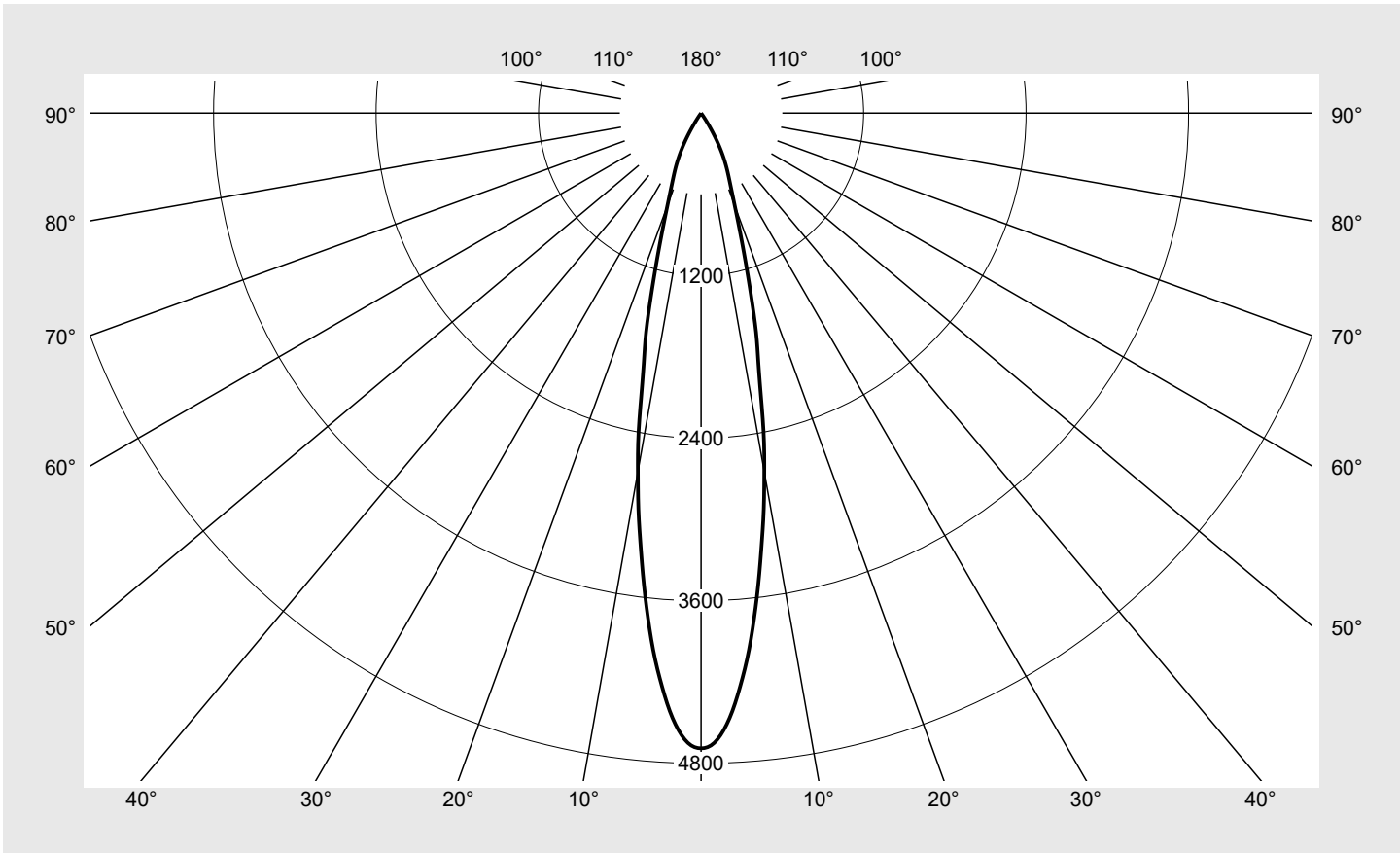
serial
documentation
21.05.2026

sitEco

Luminous intensity in cd/klm

C180-0

Imax: 4689 cd/klm



Classifications

DIN 5040 A 8 0
CIE N1=100 N2=100 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 Licross®	Order number: 51SL32DB11B2C EAN: 4069025603722	LP number 59932_40
-----------------------------------	---	------------------------------

sITeco

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°	4689.0	1.1	1.1
1°	4662.7	8.9	10.0
2°	4570.2	17.5	27.5
3°	4419.7	25.4	52.9
4°	4221.2	32.3	85.2
5°	4002.2	38.3	123.4
6°	3748.8	43.0	166.4
7°	3484.3	46.6	213.0
8°	3214.3	49.1	262.0
9°	2959.0	50.8	312.8
10°	2688.0	51.2	364.0
11°	2425.9	50.8	414.7
12°	2119.1	48.3	463.1
13°	1876.2	46.3	509.3
14°	1687.1	44.8	554.1
15°	1466.8	133.0	687.1
20°	726.5	136.2	823.3
25°	445.9	103.3	926.6
30°	219.5	60.2	986.8
35°	21.0	6.6	993.4
40°	7.3	2.6	995.9
45°	3.6	1.4	997.3
50°	2.0	0.8	998.2
55°	1.5	0.7	998.9
60°	1.1	0.5	999.4
65°	0.7	0.4	999.7
70°	0.4	0.2	999.9
75°	0.1	0.1	1000.0
80°	0.0	0.0	1000.0
85°	0.0	0.0	1000.0
90°	0.0	0.0	1000.0

Photometric test report

Family Spot 21 Licross®	Order number: 51SL32DB11B2C EAN: 4069025603722	LP number 59932_40
-----------------------------------	---	------------------------------

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	9.9	10.8	10.3	11.2	11.5	9.9	10.8	10.3	11.2	11.5
	3H	9.8	10.6	10.2	10.9	11.3	9.8	10.6	10.2	10.9	11.3
	4H	9.7	10.4	10.1	10.7	11.1	9.7	10.4	10.1	10.7	11.1
	6H	9.5	10.2	10.0	10.6	11.0	9.5	10.2	10.0	10.6	11.0
	8H	9.6	10.1	10.0	10.5	10.9	9.6	10.1	10.0	10.5	10.9
	12H	9.5	10.0	10.0	10.4	10.8	9.5	10.0	10.0	10.4	10.8
4H	2H	9.7	10.4	10.1	10.7	11.1	9.7	10.4	10.1	10.7	11.1
	3H	9.5	10.1	9.9	10.4	10.9	9.5	10.1	9.9	10.4	10.9
	4H	9.3	9.9	9.8	10.3	10.7	9.3	9.9	9.8	10.3	10.7
	6H	9.2	9.7	9.6	10.1	10.6	9.2	9.7	9.6	10.1	10.6
	8H	9.2	9.5	9.6	10.0	10.5	9.2	9.5	9.6	10.0	10.5
	12H	9.1	9.4	9.6	9.9	10.4	9.1	9.4	9.6	9.9	10.4
8H	4H	9.2	9.6	9.6	10.0	10.5	9.2	9.6	9.6	10.0	10.5
	6H	9.0	9.3	9.5	9.8	10.3	9.0	9.3	9.5	9.8	10.3
	8H	8.9	9.2	9.4	9.7	10.2	8.9	9.2	9.4	9.7	10.2
	12H	8.8	9.1	9.3	9.6	10.2	8.8	9.1	9.3	9.6	10.2
12H	4H	9.1	9.4	9.6	9.9	10.4	9.1	9.4	9.6	9.9	10.4
	6H	8.9	9.2	9.4	9.7	10.2	8.9	9.2	9.4	9.7	10.2
	8H	8.8	9.1	9.3	9.6	10.2	8.8	9.1	9.3	9.6	10.2

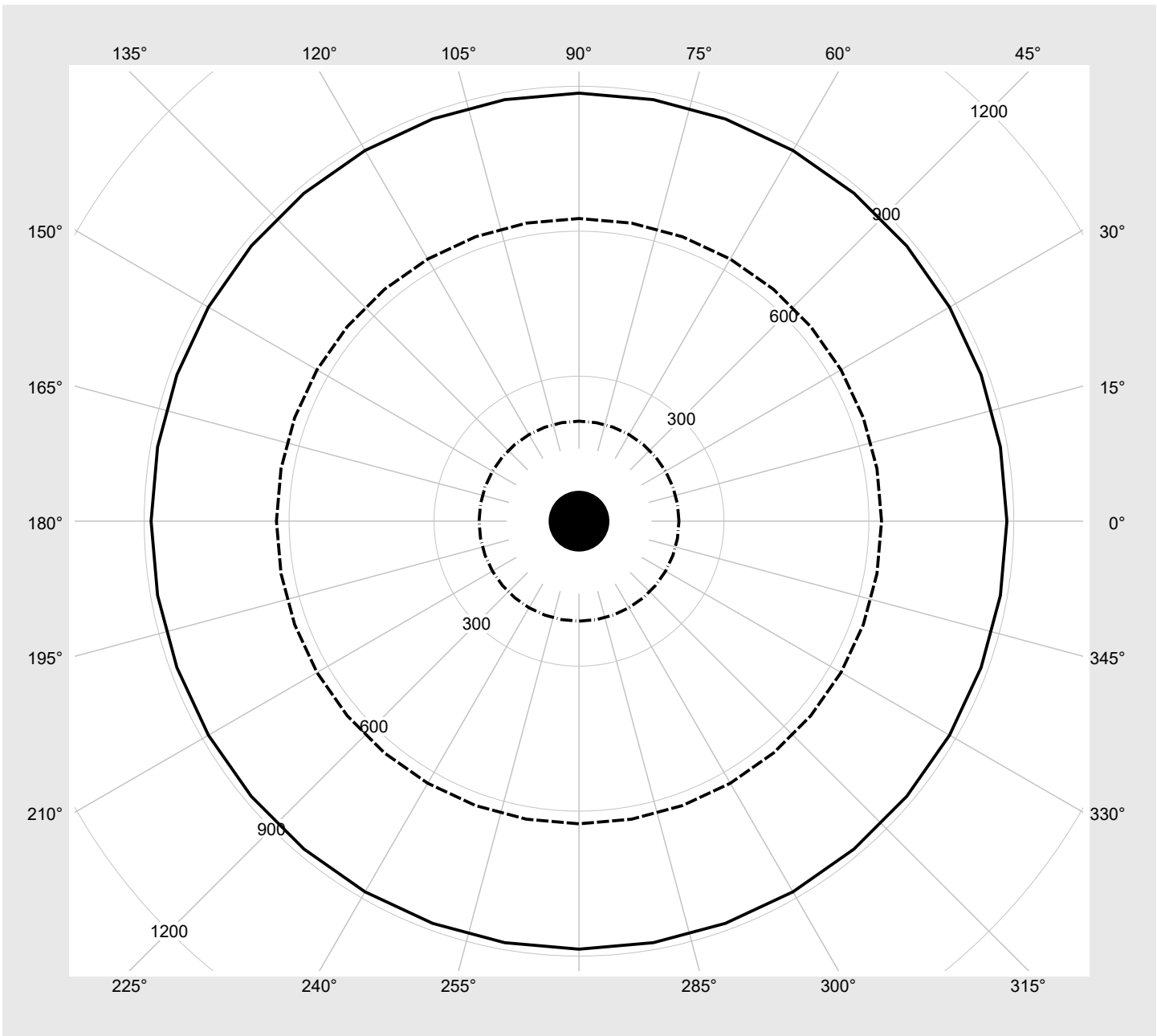
Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm: D = 82
------------------------	---	---

C-planes	0°
γ	Luminance in cd/m²
45°	2723.3
50°	1664.5
55°	1398.6
60°	1177.0
65°	885.7
70°	626.3
75°	206.9
80°	0.0
85°	0.0

Photometric test report


Family Spot 21 Licross®	Order number: 51SL32DB11B2C EAN: 4069025603722	LP number 59932_40
-----------------------------------	---	------------------------------

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



Photometric test report

Family Spot 21 Licross®	Order number: 51SL32DB11B2C EAN: 4069025603722	LP number 59932_40
--	---	-------------------------------------

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

DIP-Step	Switch Setting				Luminous flux [lm]	Power consumption [W]
	1	2	3	4		
11	ON	OFF	ON	ON	3770	28.1
10	ON	OFF	ON	OFF	3540	25.9
9	ON	OFF	OFF	ON	3300	23.8
8	ON	OFF	OFF	OFF	3050	21.7
7	OFF	ON	ON	ON	2800	19.8
6	OFF	ON	ON	OFF	2540	17.7
5	OFF	ON	OFF	ON	2280	15.7
4	OFF	ON	OFF	OFF	2010	13.8
3	OFF	OFF	ON	ON	1740	11.7
2	OFF	OFF	ON	OFF	1460	9.9
1	OFF	OFF	OFF	ON	1170	8.1
0	OFF	OFF	OFF	OFF	870	6.2