

Photometric test report

Family
Spot 21 Licross®

Order number: 51SL12MB11B2C
EAN: 4069025603548

LP number
59919_40



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

Lamps LED 3000 K | CRI ≥ 90

Controlgear ECG Multilumen

Setting factory setting: DIP-Step=4

Rated values Net luminous flux = 2920 lm
Power consumption = 18.5 W
Luminous efficacy = 157.8 lm/W

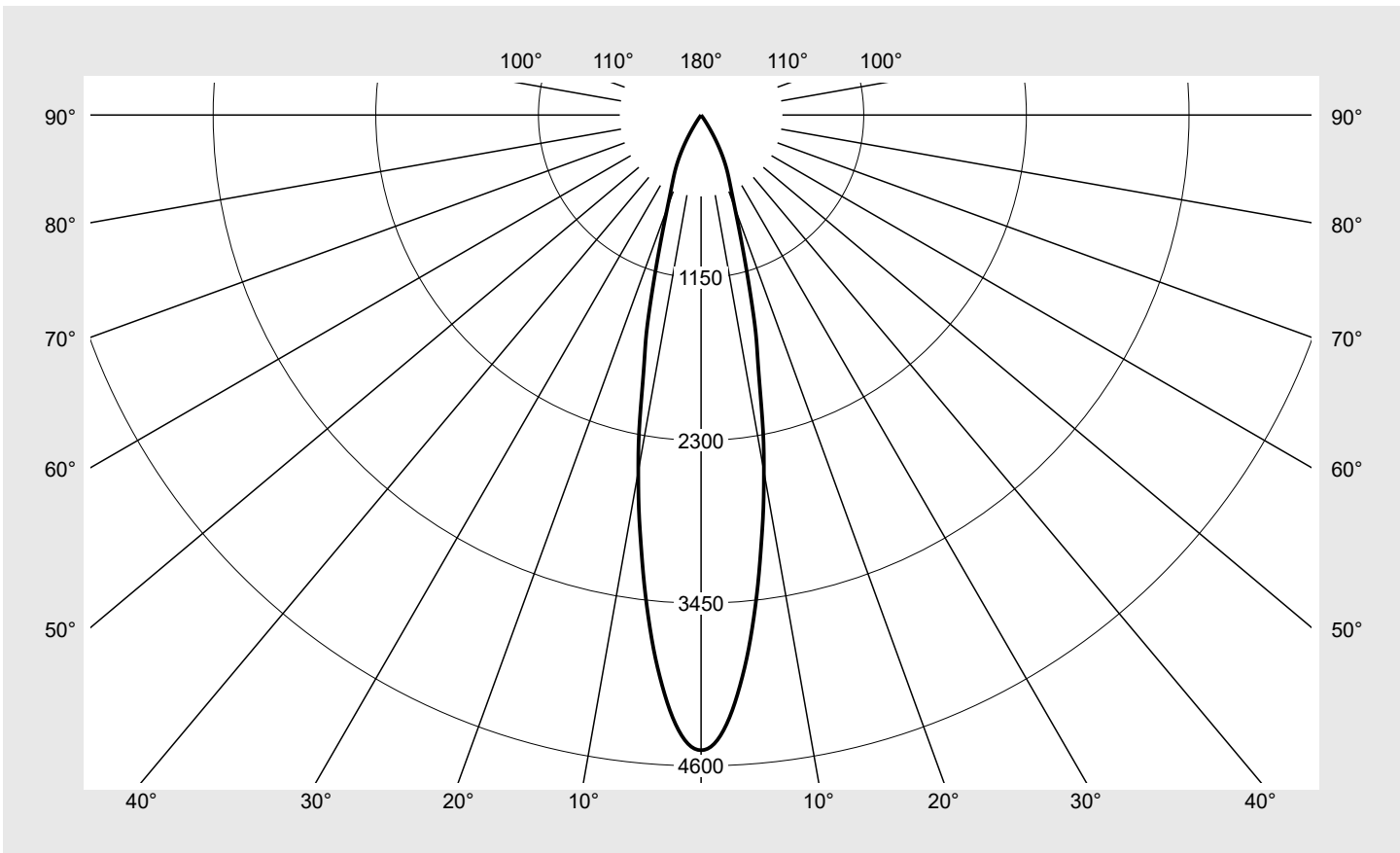
serial
documentation
21.05.2026

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Luminous intensity in cd/klm

C180-0

Imax: 4489 cd/klm



Classifications

DIN 5040 A 8 0
CIE N1=96 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°	4489.5	1.1	1.1
1°	4458.6	8.5	9.6
2°	4362.9	16.7	26.3
3°	4213.2	24.2	50.5
4°	4022.2	30.8	81.3
5°	3808.9	36.4	117.7
6°	3568.3	40.9	158.6
7°	3317.2	44.3	202.9
8°	3058.8	46.7	249.6
9°	2814.7	48.3	297.9
10°	2557.1	48.7	346.6
11°	2304.4	48.2	394.8
12°	2017.1	46.0	440.8
13°	1784.0	44.0	484.8
14°	1604.7	42.6	527.3
15°	1395.8	126.6	653.9
20°	696.2	130.5	784.4
25°	435.5	100.9	885.3
30°	217.1	59.5	944.8
35°	31.8	10.0	954.8
40°	19.0	6.7	961.5
45°	15.4	6.0	967.4
50°	13.5	5.7	973.1
55°	12.4	5.6	978.7
60°	11.7	5.6	984.2
65°	10.6	5.3	989.5
70°	8.8	4.5	994.0
75°	6.2	3.3	997.3
80°	3.5	1.9	999.2
85°	1.5	0.8	1000.0
90°	0.0	0.0	1000.0

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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	14.2	15.2	14.6	15.5	15.8	14.2	15.2	14.6	15.5	15.8
	3H	15.9	16.7	16.3	17.1	17.4	15.9	16.7	16.3	17.1	17.4
	4H	16.5	17.3	16.9	17.7	18.0	16.5	17.3	16.9	17.7	18.0
	6H	17.0	17.7	17.4	18.1	18.5	17.0	17.7	17.4	18.1	18.5
	8H	17.2	17.8	17.6	18.2	18.6	17.2	17.8	17.6	18.2	18.6
	12H	17.3	17.8	17.7	18.2	18.6	17.3	17.8	17.7	18.2	18.6
4H	2H	14.8	15.6	15.2	15.9	16.3	14.8	15.6	15.2	15.9	16.3
	3H	16.6	17.3	17.1	17.7	18.1	16.6	17.3	17.1	17.7	18.1
	4H	17.4	18.0	17.9	18.4	18.9	17.4	18.0	17.9	18.4	18.9
	6H	17.9	18.5	18.4	18.9	19.4	17.9	18.5	18.4	18.9	19.4
	8H	18.1	18.6	18.6	19.0	19.5	18.1	18.6	18.6	19.0	19.5
	12H	18.2	18.6	18.7	19.1	19.6	18.2	18.6	18.7	19.1	19.6
8H	4H	17.7	18.1	18.2	18.6	19.1	17.7	18.1	18.2	18.6	19.1
	6H	18.4	18.7	18.9	19.2	19.7	18.4	18.7	18.9	19.2	19.7
	8H	18.6	18.9	19.1	19.4	19.9	18.6	18.9	19.1	19.4	19.9
	12H	18.7	19.0	19.2	19.5	20.0	18.7	19.0	19.2	19.5	20.0
12H	4H	17.7	18.1	18.2	18.5	19.0	17.7	18.1	18.2	18.5	19.0
	6H	18.3	18.7	18.8	19.2	19.7	18.3	18.7	18.8	19.2	19.7
	8H	18.6	18.9	19.1	19.4	19.9	18.6	18.9	19.1	19.4	19.9

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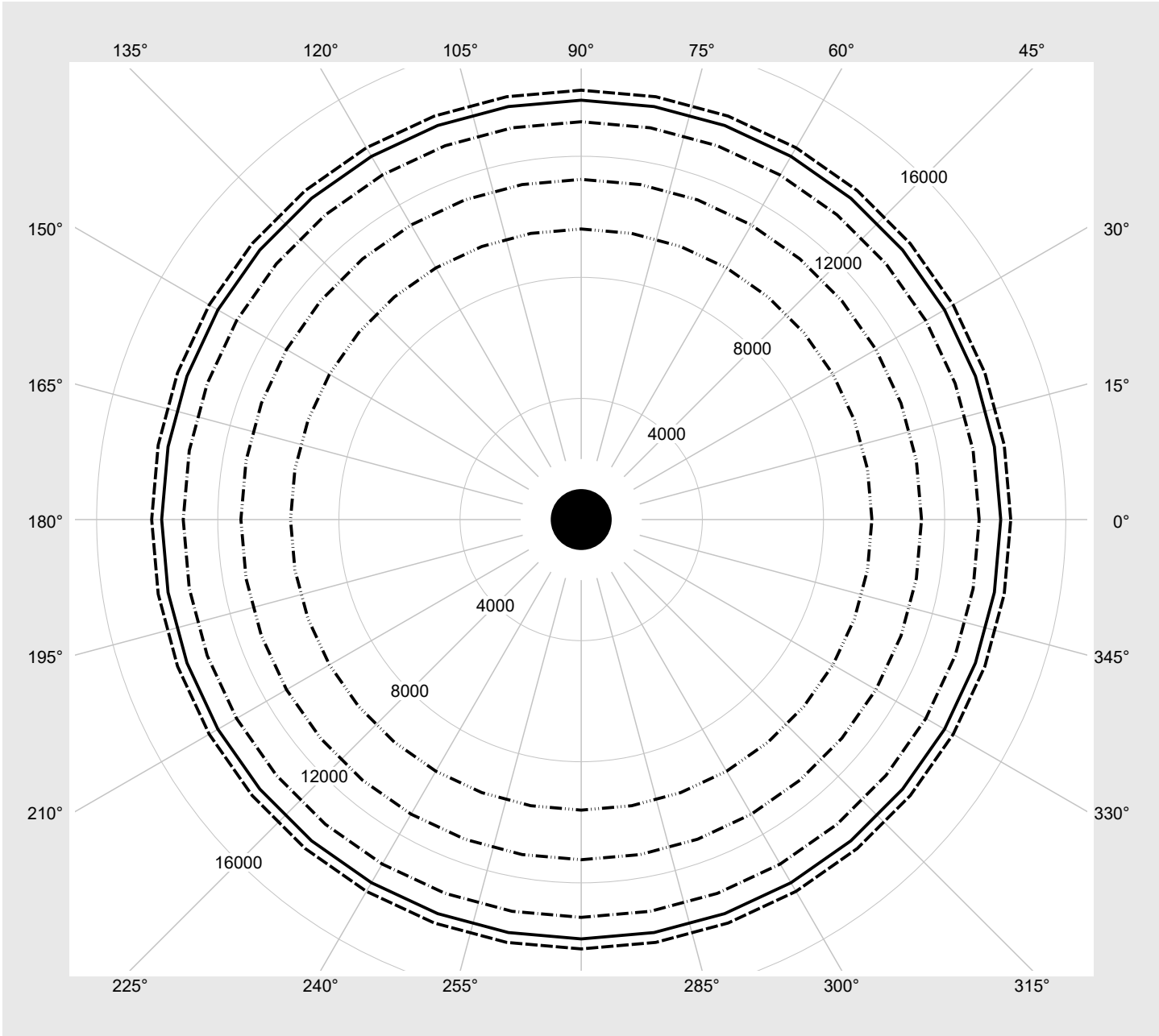
Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm: D = 82
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C-planes	0°
γ	Luminance in cd/m ²
45°	12064.0
50°	11623.0
55°	11956.4
60°	12935.1
65°	13852.6
70°	14182.8
75°	13140.6
80°	11236.9
85°	9598.6

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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		
0	OFF	OFF	OFF	3930	26.5
1	ON	OFF	OFF	3690	24.5
2	OFF	ON	OFF	3440	22.5
3	ON	ON	OFF	3180	20.5
4	OFF	OFF	ON	2920	18.5
5	ON	OFF	ON	2650	16.6
6	OFF	ON	ON	2380	14.8
7	ON	ON	ON	2100	12.9