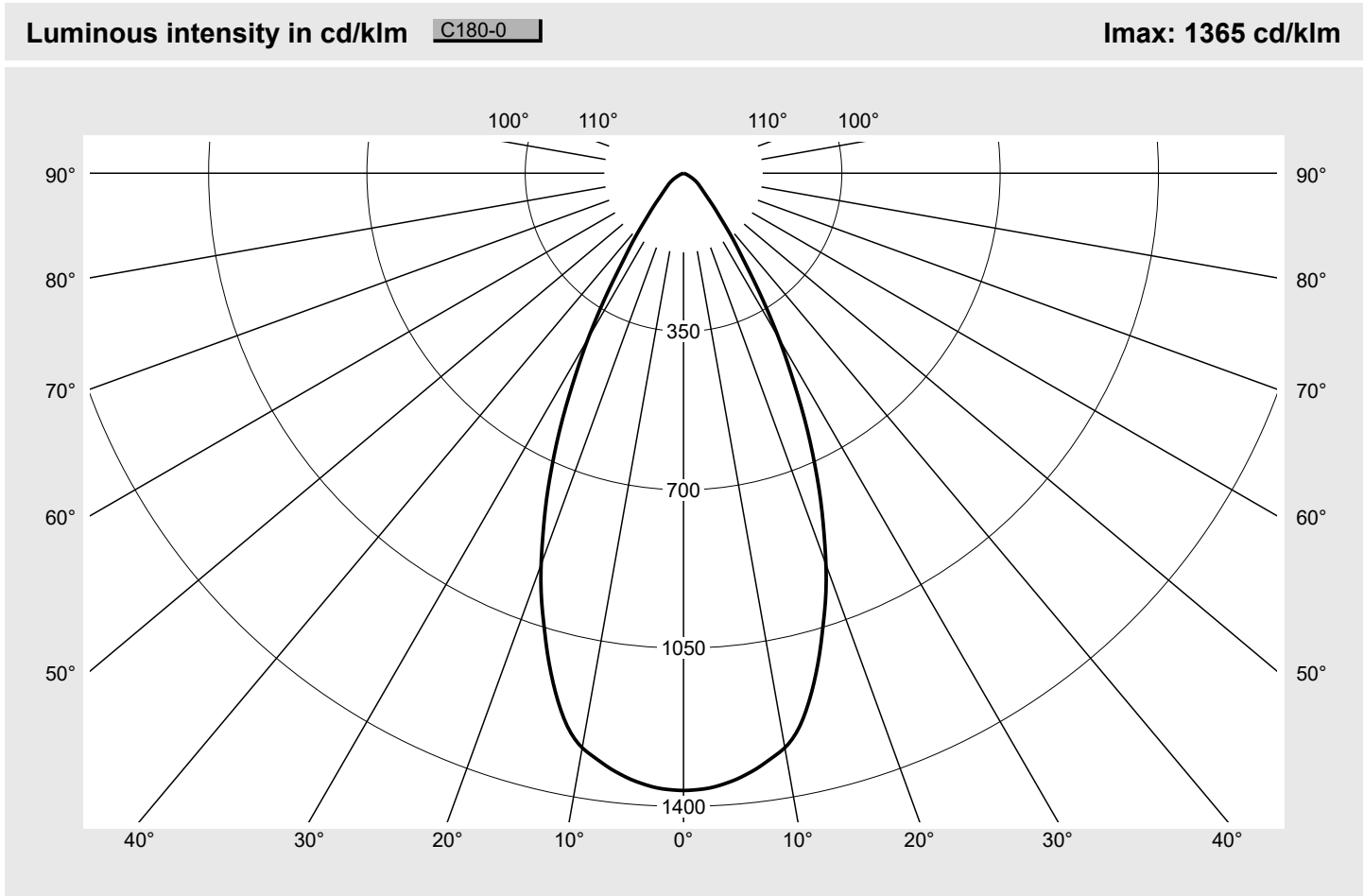


Photometric test report

Family Lunis 21 	Order number: 51DB19EA91C EAN: 4069025012968		LP number 59685_4
	Version	recessed luminaire, Combined lens and reflector optics, reflector, aluminium, matt, rotationally symmetrical medium distribution, adjustable color temperature: 3000K 4000K 6500K	serial documentation 27.09.2024
	Lamps Controlgear Setting Rated values	LED 3000 K CRI ≥ 80 ECG Multilumen individual position: DIP-Step=1, colour temperature 3000K Net luminous flux = 880 lm Power consumption = 6.0 W Luminous efficacy = 146.7 lm/W	siteco



Classifications		Luminaire light output ratios	
DIN 5040	A 7 0	η_{LB}	100.0%
CIE	N1=90 N2=98 N3=100	ϕ_u	100.0%
	N4=100 N5=100	ϕ_o	0.0%

Measurement conditions
DIN EN 13032 and DIN 5032

Photometric test report

Family Lunis 21	Order number: 51DB19EA91C EAN: 4069025012968	LP number 59685_4
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°	1364.9	0.3	0.3
1°	1363.9	2.6	2.9
2°	1361.9	5.2	8.1
3°	1358.0	7.8	15.9
4°	1352.1	10.3	26.3
5°	1345.2	12.9	39.1
6°	1336.3	15.3	54.5
7°	1326.5	17.7	72.2
8°	1314.6	20.1	92.3
9°	1302.8	22.3	114.6
10°	1290.0	24.6	139.2
11°	1271.3	26.6	165.8
12°	1245.7	28.4	194.2
13°	1213.2	29.9	224.1
14°	1176.8	31.2	255.3
15°	1137.4	32.3	287.6
16°	1096.0	33.1	320.7
17°	1052.7	33.8	354.5
18°	1011.3	34.3	388.7
19°	968.1	34.6	423.3
20°	920.6	34.5	457.8
21°	870.2	34.2	492.0
22°	820.9	33.7	525.8
23°	771.4	33.1	558.8
24°	719.5	32.1	590.9
25°	668.4	31.0	621.9
26°	616.8	29.7	651.5
27°	564.5	28.1	679.6
28°	513.3	26.4	706.1
29°	466.6	24.8	730.9
30°	421.5	23.1	754.0
31°	375.7	21.2	775.2
32°	332.5	19.3	794.5
33°	291.9	17.4	811.9
34°	254.5	15.6	827.5
35°	224.4	14.1	841.7
36°	201.0	13.0	854.6
37°	178.8	11.8	866.4
38°	157.4	10.6	877.0
39°	138.2	9.5	886.6
40°	122.5	8.6	895.2
41°	110.7	8.0	903.2
42°	99.6	7.3	910.5
43°	89.5	6.7	917.2
44°	80.1	6.1	923.3
45°	72.6	5.6	928.9
46°	67.0	5.3	934.2

C-planes	0°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm		Luminous flux in lm/klm
47°	61.9	5.0	939.2
48°	57.4	4.7	943.8
49°	53.5	4.4	948.3
50°	50.3	4.2	952.5
51°	47.2	4.0	956.5
52°	44.4	3.8	960.3
53°	41.9	3.7	964.0
54°	39.6	3.5	967.5
55°	37.3	3.4	970.9
56°	34.8	3.2	974.0
57°	31.9	2.9	977.0
58°	29.1	2.7	979.7
59°	26.2	2.5	982.2
60°	23.4	2.2	984.4
61°	20.6	2.0	986.3
62°	17.9	1.7	988.1
63°	15.3	1.5	989.6
64°	13.1	1.3	990.9
65°	11.3	1.1	992.0
66°	9.8	1.0	993.0
67°	8.4	0.8	993.8
68°	7.4	0.7	994.6
69°	6.5	0.7	995.2
70°	5.7	0.6	995.8
71°	5.1	0.5	996.3
72°	4.6	0.5	996.8
73°	4.1	0.4	997.2
74°	3.6	0.4	997.6
75°	3.2	0.3	998.0
76°	2.9	0.3	998.3
77°	2.6	0.3	998.6
78°	2.3	0.2	998.8
79°	2.0	0.2	999.0
80°	1.7	0.2	999.2
81°	1.5	0.2	999.4
82°	1.3	0.1	999.5
83°	1.1	0.1	999.6
84°	0.8	0.1	999.7
85°	0.6	0.1	999.8
86°	0.6	0.1	999.8
87°	0.5	0.1	999.9
88°	0.5	0.1	1000.0
89°	0.4	0.0	1000.0
90°	0.0	0.0	1000.0
180°	0.0	0.0	1000.0

Photometric test report

Family Lunis 21			Order number: 51DB19EA91C EAN: 4069025012968							LP number 59685_4	
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	20.4	21.6	20.7	21.9	22.2	20.4	21.6	20.7	21.9	22.2
	3H	20.4	21.4	20.8	21.7	22.1	20.4	21.4	20.8	21.7	22.1
	4H	20.3	21.3	20.7	21.6	22.0	20.3	21.3	20.7	21.6	22.0
	6H	20.3	21.1	20.7	21.5	21.9	20.3	21.1	20.7	21.5	21.9
	8H	20.4	21.1	20.8	21.5	21.9	20.4	21.1	20.8	21.5	21.9
	12H	20.4	21.0	20.8	21.4	21.8	20.4	21.0	20.8	21.4	21.8
4H	2H	20.4	21.3	20.8	21.7	22.0	20.4	21.3	20.8	21.7	22.0
	3H	20.4	21.1	20.8	21.5	21.9	20.4	21.1	20.8	21.5	21.9
	4H	20.3	21.0	20.8	21.4	21.9	20.3	21.0	20.8	21.4	21.9
	6H	20.3	20.9	20.8	21.3	21.8	20.3	20.9	20.8	21.3	21.8
	8H	20.3	20.8	20.7	21.2	21.7	20.3	20.8	20.7	21.2	21.7
	12H	20.3	20.7	20.8	21.1	21.6	20.3	20.7	20.8	21.1	21.6
8H	4H	20.2	20.7	20.7	21.2	21.7	20.2	20.7	20.7	21.2	21.7
	6H	20.2	20.6	20.7	21.1	21.6	20.2	20.6	20.7	21.1	21.6
	8H	20.1	20.5	20.7	21.0	21.5	20.1	20.5	20.7	21.0	21.5
	12H	20.1	20.4	20.7	20.9	21.5	20.1	20.4	20.7	20.9	21.5
12H	4H	20.2	20.6	20.7	21.1	21.6	20.2	20.6	20.7	21.1	21.6
	6H	20.2	20.5	20.7	21.0	21.5	20.2	20.5	20.7	21.0	21.5
	8H	20.1	20.4	20.7	20.9	21.5	20.1	20.4	20.7	20.9	21.5

Luminance table		Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	D = 57
C-planes				
	0°			
γ	Luminance in cd/m²			
45°	35395.7			
50°	26997.6			
55°	22433.7			
60°	16131.2			
65°	9225.0			
70°	5783.6			
75°	4318.4			
80°	3435.7			
85°	2461.1			

Photometric test report

Family
Lunis 21

Order number: 51DB19EA91C
EAN: 4069025012968

LP number
59685_4

Luminance values in cd/m²

γ 65°

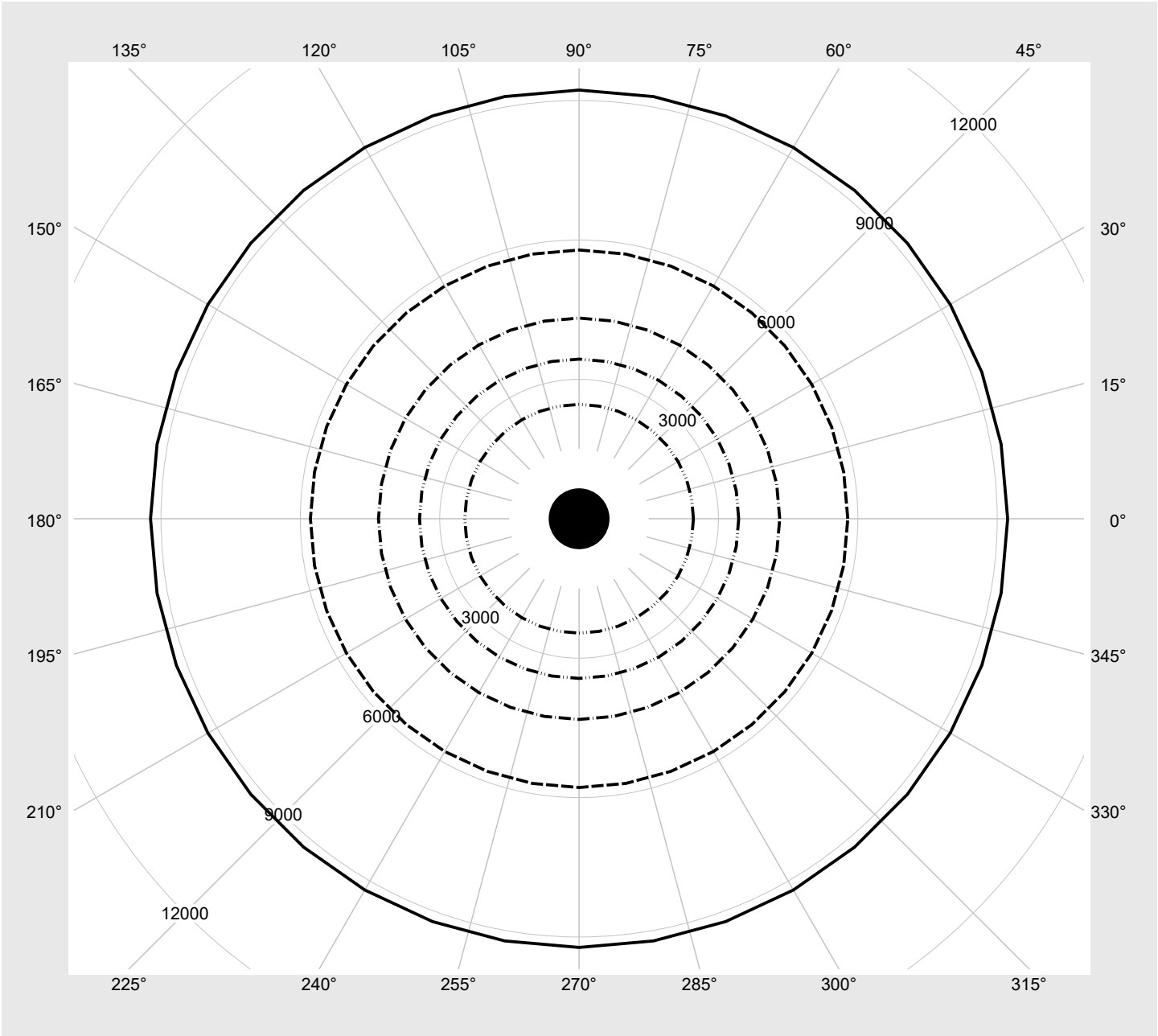
γ 70°

γ 75°

γ 80°

γ 85°

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Photometric test report

Family Lunis 21	Order number: 51DB19EA91C EAN: 4069025012968	LP number 59685_4
Multilumen Table	environmental temperature: 25°C	siteco

DIP-Step	Switch Setting				Luminous flux [lm]	Power consumption [W]
	1	2	3	4		
2	OFF	OFF	ON	OFF	1160	8.0
1	OFF	OFF	OFF	ON	880	6.0
0	OFF	OFF	OFF	OFF	630	4.4