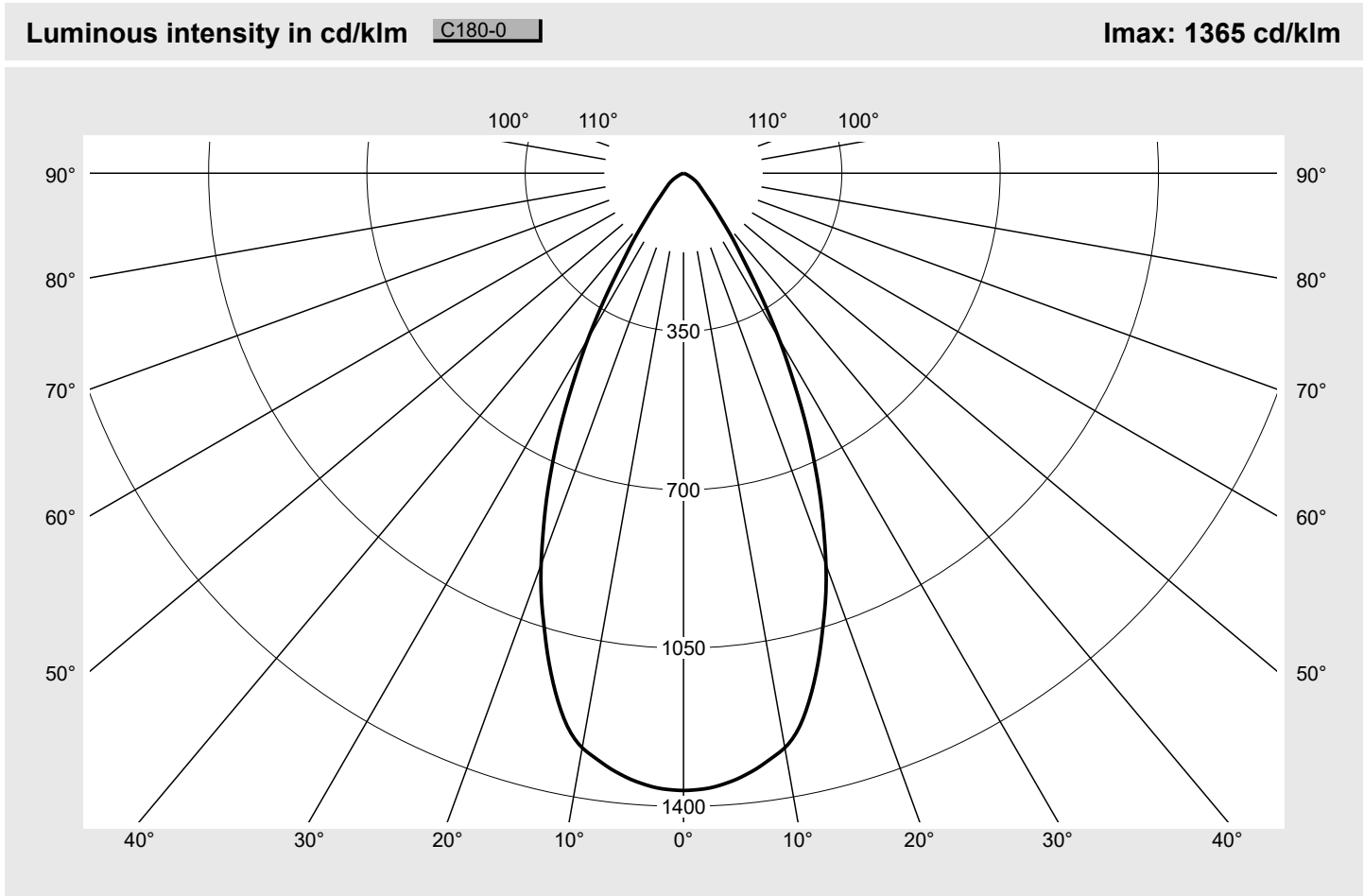


Photometric test report

Family Lunis 21	Order number: 51DB19EA91C EAN: 4069025012968	LP number 59685_6
	Version	recessed luminaire, Combined lens and reflector optics, reflector, aluminium, matt, rotationally symmetrical medium distribution, adjustable color temperature: 3000K 4000K 6500K
	Lamps	LED 6500 K CRI ≥ 80
	Controlgear	ECG Multilumen
	Setting	individual position: DIP-Step=1, colour temperature 6500K
	Rated values	Net luminous flux = 900 lm Power consumption = 6.0 W Luminous efficacy = 150 lm/W
		serial documentation 27.09.2024
		



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_6
Table of values for luminous intensities		Maximum luminous intensity
		siteco

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_6	
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	20.5	21.6	20.8	21.9	22.3	20.5	21.6	20.8	21.9	22.3
	3H	20.5	21.5	20.8	21.8	22.2	20.5	21.5	20.8	21.8	22.2
	4H	20.4	21.4	20.8	21.7	22.1	20.4	21.4	20.8	21.7	22.1
	6H	20.4	21.2	20.8	21.6	22.0	20.4	21.2	20.8	21.6	22.0
	8H	20.5	21.2	20.9	21.5	21.9	20.5	21.2	20.9	21.5	21.9
	12H	20.5	21.1	20.9	21.5	21.9	20.5	21.1	20.9	21.5	21.9
4H	2H	20.4	21.4	20.8	21.7	22.1	20.4	21.4	20.8	21.7	22.1
	3H	20.4	21.2	20.9	21.6	22.0	20.4	21.2	20.9	21.6	22.0
	4H	20.4	21.1	20.9	21.5	21.9	20.4	21.1	20.9	21.5	21.9
	6H	20.4	20.9	20.8	21.4	21.8	20.4	20.9	20.8	21.4	21.8
	8H	20.3	20.8	20.8	21.3	21.8	20.3	20.8	20.8	21.3	21.8
	12H	20.4	20.8	20.9	21.2	21.7	20.4	20.8	20.9	21.2	21.7
8H	4H	20.3	20.8	20.8	21.3	21.8	20.3	20.8	20.8	21.3	21.8
	6H	20.3	20.7	20.8	21.1	21.7	20.3	20.7	20.8	21.1	21.7
	8H	20.2	20.6	20.7	21.1	21.6	20.2	20.6	20.7	21.1	21.6
	12H	20.2	20.5	20.7	21.0	21.5	20.2	20.5	20.7	21.0	21.5
12H	4H	20.3	20.7	20.8	21.2	21.7	20.3	20.7	20.8	21.2	21.7
	6H	20.3	20.6	20.8	21.1	21.6	20.3	20.6	20.8	21.1	21.6
	8H	20.2	20.5	20.7	21.0	21.5	20.2	20.5	20.7	21.0	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°	36200.2			
50°	27611.2			
55°	22943.5			
60°	16497.8			
65°	9434.6			
70°	5915.1			
75°	4416.6			
80°	3513.8			
85°	2517.1			

Photometric test report

Family
Lunis 21

Order number: 51DB19EA91C
EAN: 4069025012968

LP number
59685_6

Luminance values in cd/m²

γ 65°

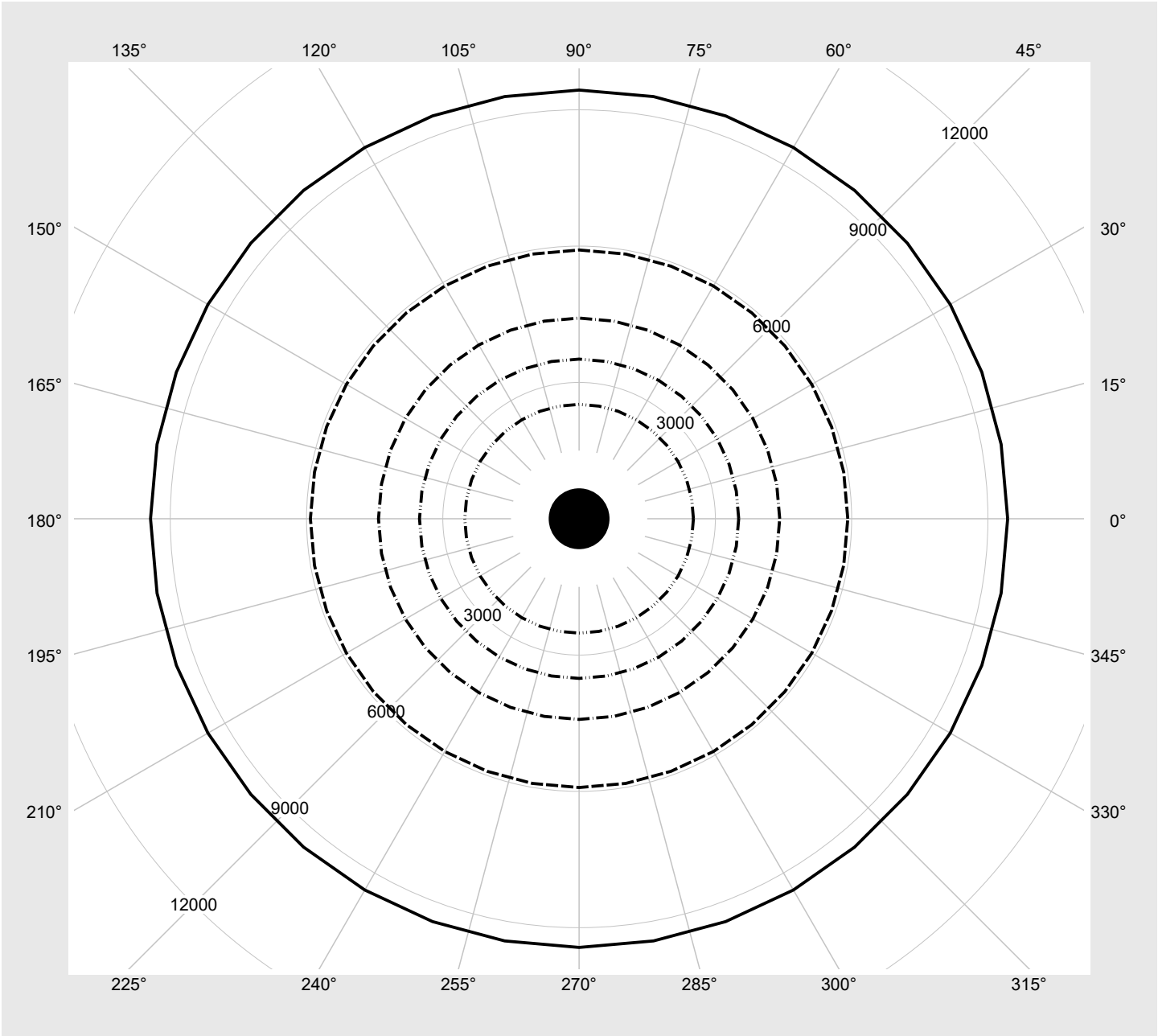
γ 70°

γ 75°

γ 80°

γ 85°

siteco



Photometric test report

Family Lunis 21	Order number: 51DB19EA91C EAN: 4069025012968	LP number 59685_6
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	1190	8.0
1	OFF	OFF	OFF	ON	900	6.0
0	OFF	OFF	OFF	OFF	650	4.4