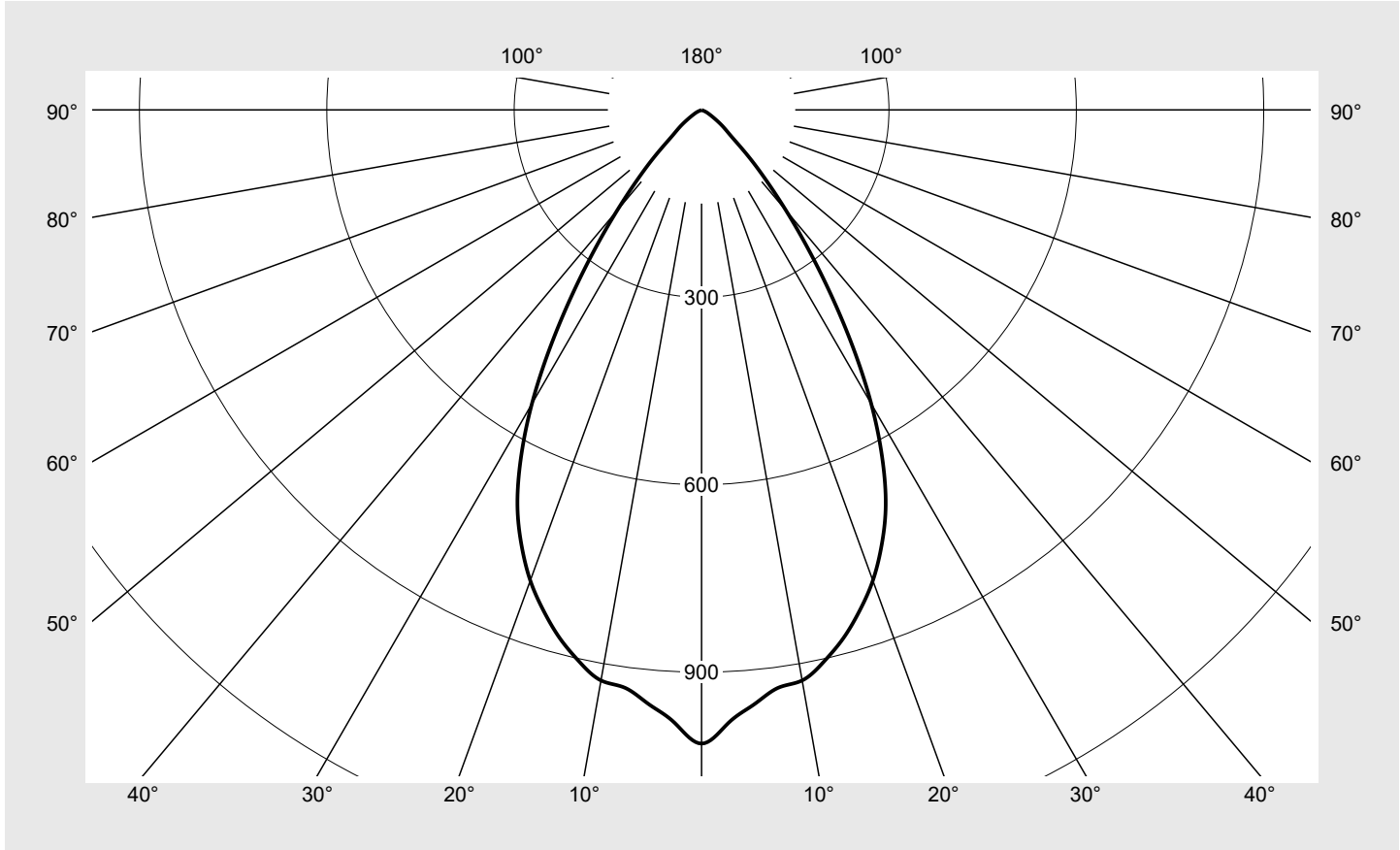


Photometric test report

Family Lunis 21	Order number: 51DB33ED11D1D EAN: 4069025526359	LP number 59847_63
	Version	recessed luminaire, Combined lens and reflector optics, reflector, aluminium, highly specular, rotationally symmetrical wide distribution, UGR≤19 (L65≤3000cd/m²)
	Lamps	LED 4000 K CRI ≥ 90
	Controlgear	ECG Multilumen
	Setting	factory setting: DIP-Step=0
Rated values	Net luminous flux = 2200 lm Power consumption = 14.3 W Luminous efficacy = 153.8 lm/W	serial documentation 17.11.2025
		

Luminous intensity in cd/klm C180-0 **Imax: 1014 cd/klm**



Classifications	
DIN 5040	A 7 0
CIE	N1=90 N2=99 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 Lunis 21	Order number: 51DB33ED11D1D EAN: 4069025526359	LP number 59847_63
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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	
0,0°	1014.4	1.5	1.5
2,5°	982.4	11.7	13.3
5,0°	955.9	22.8	36.1
7,5°	933.4	33.4	69.5
10,0°	927.4	44.1	113.6
12,5°	904.7	53.7	167.3
15,0°	876.0	62.1	229.5
17,5°	840.9	69.3	298.8
20,0°	801.8	75.2	374.0
22,5°	753.6	79.1	453.0
25,0°	697.6	80.8	533.8
27,5°	625.8	79.2	613.1
30,0°	543.3	74.5	687.5
32,5°	452.0	66.6	754.1
35,0°	361.4	56.8	810.9
37,5°	280.0	46.7	857.7
40,0°	210.7	37.1	894.8
42,5°	153.9	28.5	923.3
45,0°	109.2	21.2	944.5
47,5°	71.9	14.5	959.0
50,0°	53.3	11.2	970.2
52,5°	41.5	9.0	979.2
55,0°	30.2	6.8	986.0
57,5°	21.4	5.0	990.9
60,0°	15.3	3.6	994.6
62,5°	11.2	2.7	997.3
65,0°	7.5	1.9	999.2
67,5°	3.1	0.8	999.9
70,0°	0.2	0.1	1000.0
72,5°	0.0	0.0	1000.0
75,0°	0.0	0.0	1000.0
77,5°	0.0	0.0	1000.0
80,0°	0.0	0.0	1000.0
82,5°	0.0	0.0	1000.0
85,0°	0.0	0.0	1000.0
87,5°	0.0	0.0	1000.0
90,0°	0.0	0.0	1000.0

Photometric test report

Family Lunis 21	Order number: 51DB33ED11D1D EAN: 4069025526359	LP number 59847_63
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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	19.6	20.8	19.9	21.1	21.4	19.6	20.8	19.9	21.1	21.4
	3H	19.4	20.5	19.8	20.8	21.2	19.4	20.5	19.8	20.8	21.2
	4H	19.4	20.3	19.8	20.7	21.1	19.4	20.3	19.8	20.7	21.1
	6H	19.3	20.2	19.7	20.5	20.9	19.3	20.2	19.7	20.5	20.9
	8H	19.4	20.1	19.8	20.5	20.9	19.4	20.1	19.8	20.5	20.9
	12H	19.3	20.0	19.8	20.4	20.8	19.3	20.0	19.8	20.4	20.8
4H	2H	19.4	20.4	19.8	20.7	21.1	19.4	20.4	19.8	20.7	21.1
	3H	19.3	20.1	19.7	20.5	20.9	19.3	20.1	19.7	20.5	20.9
	4H	19.2	19.9	19.6	20.3	20.7	19.2	19.9	19.6	20.3	20.7
	6H	19.1	19.7	19.5	20.1	20.6	19.1	19.7	19.5	20.1	20.6
	8H	19.0	19.6	19.5	20.0	20.5	19.0	19.6	19.5	20.0	20.5
	12H	19.0	19.5	19.5	19.9	20.4	19.0	19.5	19.5	19.9	20.4
8H	4H	19.0	19.6	19.5	20.0	20.5	19.0	19.6	19.5	20.0	20.5
	6H	18.9	19.4	19.4	19.8	20.3	18.9	19.4	19.4	19.8	20.3
	8H	18.9	19.2	19.4	19.7	20.3	18.9	19.2	19.4	19.7	20.3
	12H	18.8	19.1	19.4	19.6	20.2	18.8	19.1	19.4	19.6	20.2
12H	4H	19.0	19.5	19.5	19.9	20.4	19.0	19.5	19.5	19.9	20.4
	6H	18.9	19.2	19.4	19.7	20.3	18.9	19.2	19.4	19.7	20.3
	8H	18.8	19.1	19.4	19.6	20.2	18.8	19.1	19.4	19.6	20.2

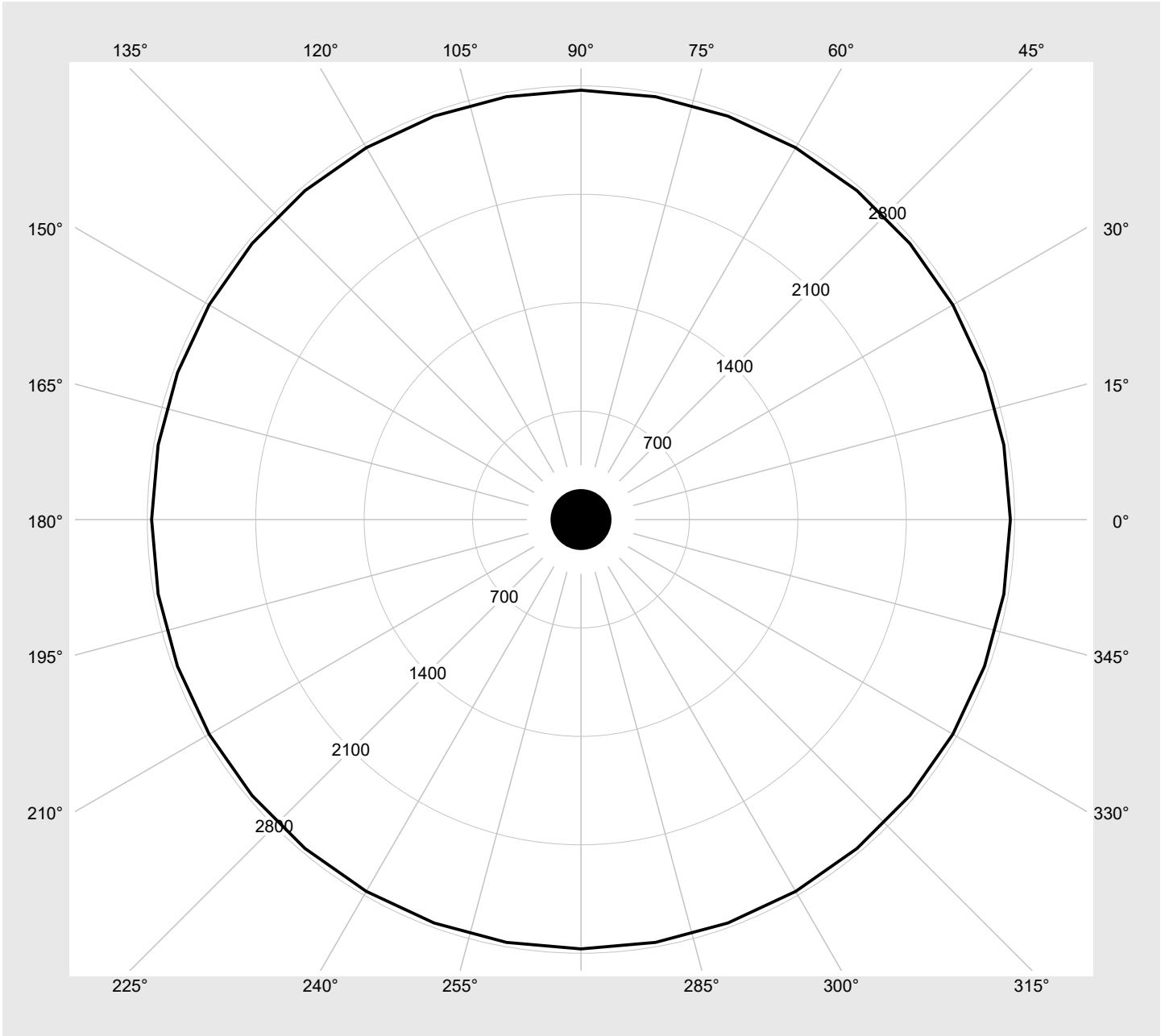
Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm: D = 134
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C-planes	0°
γ	Luminance in cd/m²
45,0°	24101.0
50,0°	12928.2
55,0°	8224.3
60,0°	4779.8
65,0°	2772.1
70,0°	91.2
75,0°	0.0
80,0°	0.0
85,0°	0.0

Photometric test report

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



Photometric test report

Family Lunis 21	Order number: 51DB33ED11D1D EAN: 4069025526359	LP number 59847_63
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Multilumen Table	environmental temperature: 25°C	siteco
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DIP-Step	Switch Setting			Luminous flux [lm]	Power consumption [W]
	1	2	3		
7	ON	ON	ON	4250	27.9
6	ON	ON	OFF	3970	25.9
5	ON	OFF	ON	3680	23.8
4	ON	OFF	OFF	3390	22.0
3	OFF	ON	ON	3100	20.2
2	OFF	ON	OFF	2800	18.1
1	OFF	OFF	ON	2500	16.2
0	OFF	OFF	OFF	2200	14.3