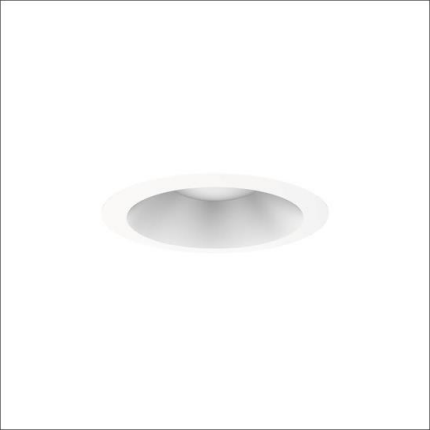

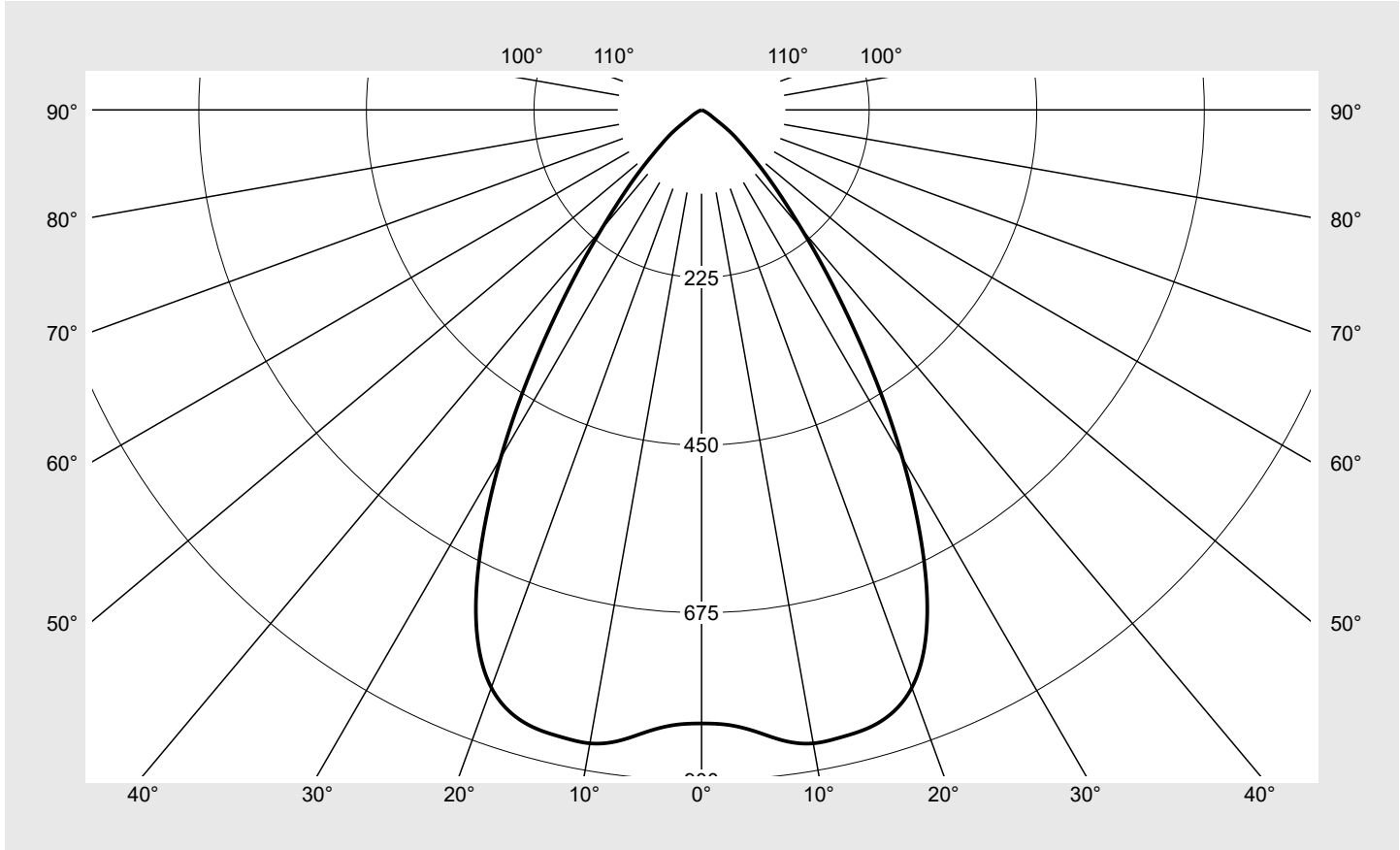


Photometric test report

Family Lunis 31	Order number: 51DN15MG42B EAN: 4069025151742	LP number 59323_6
	Version Lens optics, wide distribution, UGR≤19 Lamps LED 4000 K CRI ≥ 80 Controlgear ECG Multilumen Setting factory setting: DIP-Step=7 Rated values Net luminous flux = 2500 lm Power consumption = 17.0 W Luminous efficacy = 147.1 lm/W	serial documentation 12.12.2024
		

Luminous intensity in cd/klm C180-0 **Imax: 863 cd/klm**



Classifications	
DIN 5040	A 7 0
CIE	N1=89 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 31	Order number: 51DN15MG42B EAN: 4069025151742	LP number 59323_6
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siteco

Table of values for luminous intensities Maximum luminous intensity

C-planes γ	0° Luminous intensity in cd/klm	Phi-zone Luminous flux in lm/klm	Total Phi-zone
0,0°	823.7	1.2	1.2
2,5°	826.5	9.9	11.1
5,0°	837.9	20.0	31.1
7,5°	854.4	30.6	61.7
10,0°	863.5	41.1	102.8
12,5°	862.8	51.2	154.0
15,0°	859.7	61.0	215.0
17,5°	849.2	70.0	285.0
20,0°	825.3	77.4	362.4
22,5°	781.7	82.0	444.4
25,0°	715.8	82.9	527.3
27,5°	631.7	80.0	607.3
30,0°	539.2	73.9	681.2
32,5°	443.5	65.3	746.5
35,0°	352.1	55.4	801.9
37,5°	274.2	45.8	847.6
40,0°	209.2	36.9	884.5
42,5°	159.6	29.6	914.1
45,0°	121.0	23.4	937.5
47,5°	89.1	18.0	955.5
50,0°	66.5	14.0	969.5
52,5°	47.9	10.4	979.9
55,0°	26.4	5.9	985.8
57,5°	16.7	3.9	989.7
60,0°	12.1	2.9	992.6
62,5°	7.5	1.8	994.4
65,0°	4.8	1.2	995.6
67,5°	3.6	0.9	996.5
70,0°	3.2	0.8	997.3
72,5°	2.8	0.7	998.0
75,0°	2.3	0.6	998.6
77,5°	1.9	0.5	999.1
80,0°	1.4	0.4	999.5
82,5°	1.0	0.3	999.8
85,0°	0.6	0.2	999.9
87,5°	0.2	0.1	1000.0
90,0°	0.0	0.0	1000.0

Photometric test report

Family Lunis 31	Order number: 51DN15MG42B EAN: 4069025151742	LP number 59323_6
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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	17.2	18.4	17.5	18.7	19.1	17.2	18.4	17.5	18.7	19.1
	3H	17.1	18.1	17.4	18.5	18.8	17.1	18.1	17.4	18.5	18.8
	4H	17.0	18.0	17.4	18.3	18.7	17.0	18.0	17.4	18.3	18.7
	6H	16.9	17.8	17.4	18.2	18.6	16.9	17.8	17.4	18.2	18.6
	8H	17.0	17.8	17.4	18.1	18.6	17.0	17.8	17.4	18.1	18.6
	12H	17.0	17.7	17.4	18.1	18.5	17.0	17.7	17.4	18.1	18.5
4H	2H	17.0	18.0	17.4	18.4	18.7	17.0	18.0	17.4	18.4	18.7
	3H	16.9	17.7	17.3	18.1	18.5	16.9	17.7	17.3	18.1	18.5
	4H	16.8	17.5	17.2	17.9	18.4	16.8	17.5	17.2	17.9	18.4
	6H	16.7	17.3	17.2	17.8	18.2	16.7	17.3	17.2	17.8	18.2
	8H	16.7	17.2	17.2	17.7	18.2	16.7	17.2	17.2	17.7	18.2
	12H	16.7	17.1	17.2	17.6	18.1	16.7	17.1	17.2	17.6	18.1
8H	4H	16.7	17.2	17.2	17.7	18.2	16.7	17.2	17.2	17.7	18.2
	6H	16.6	17.0	17.1	17.5	18.0	16.6	17.0	17.1	17.5	18.0
	8H	16.5	16.9	17.0	17.4	17.9	16.5	16.9	17.0	17.4	17.9
	12H	16.5	16.8	17.1	17.3	17.9	16.5	16.8	17.1	17.3	17.9
12H	4H	16.7	17.1	17.2	17.6	18.1	16.7	17.1	17.2	17.6	18.1
	6H	16.6	16.9	17.1	17.4	17.9	16.6	16.9	17.1	17.4	17.9
	8H	16.5	16.8	17.1	17.3	17.9	16.5	16.8	17.1	17.3	17.9

Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm: D = 204
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C-planes	0°
γ	Luminance in cd/m²
45,0°	13083.2
50,0°	7914.0
55,0°	3522.9
60,0°	1857.0
65,0°	869.4
70,0°	706.2
75,0°	682.7
80,0°	617.5
85,0°	511.6

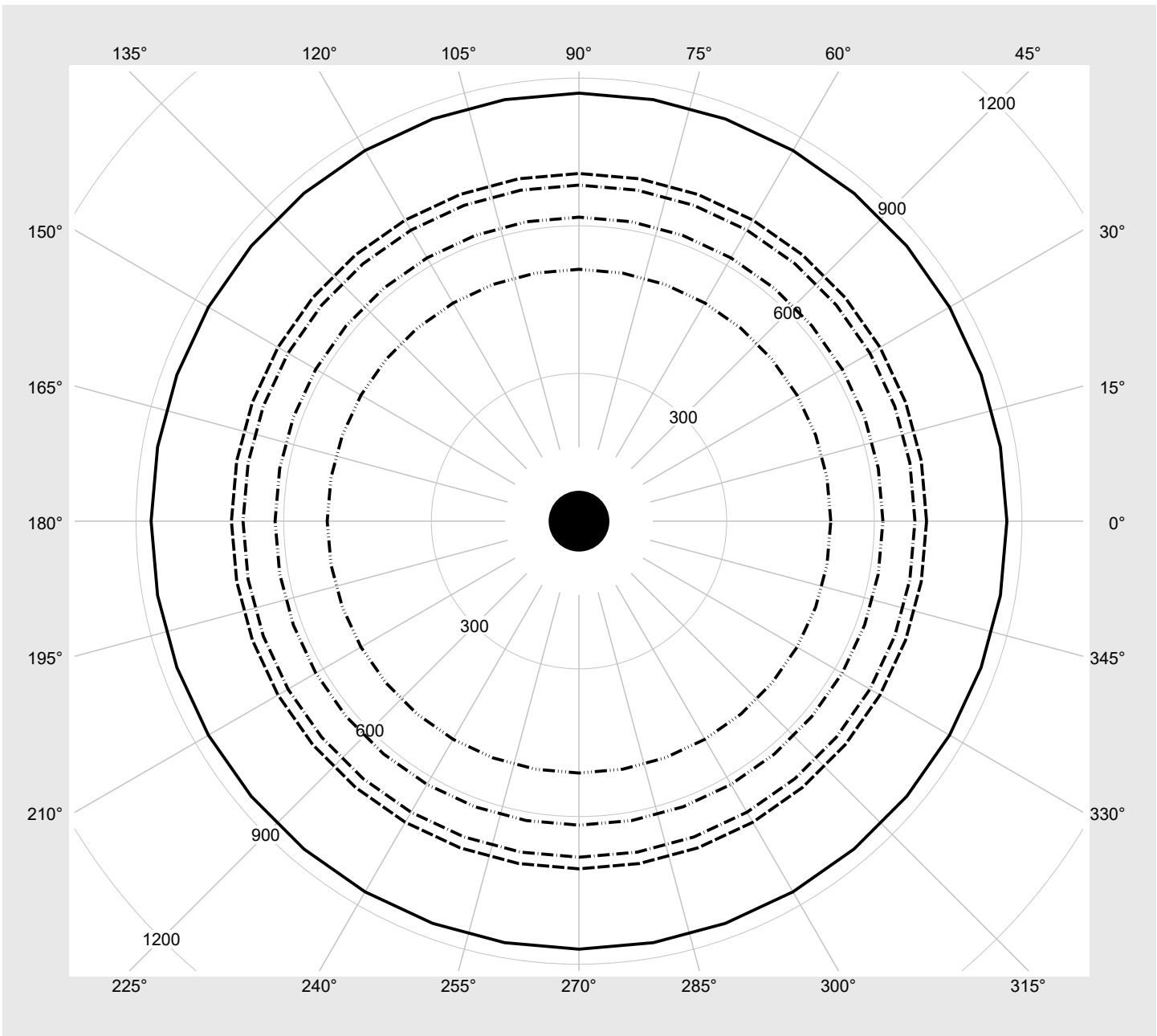
Photometric test report

Family
Lunis 31

Order number: 51DN15MG42B
EAN: 4069025151742

LP number
59323_6

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



Photometric test report

Family Lunis 31	Order number: 51DN15MG42B EAN: 4069025151742	LP number 59323_6
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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	4		
7	ON	ON	ON	OFF	2500	17.0
6	OFF	ON	ON	OFF	2230	15.0
5	ON	OFF	ON	OFF	1960	13.0
4	OFF	OFF	ON	OFF	1700	11.5