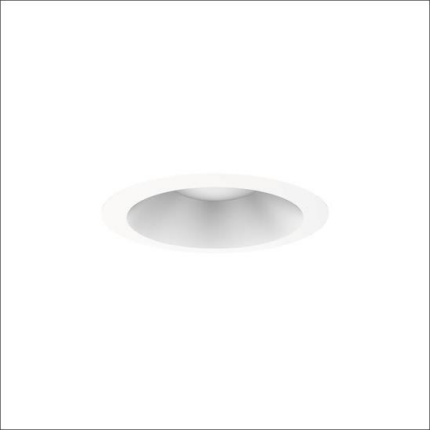

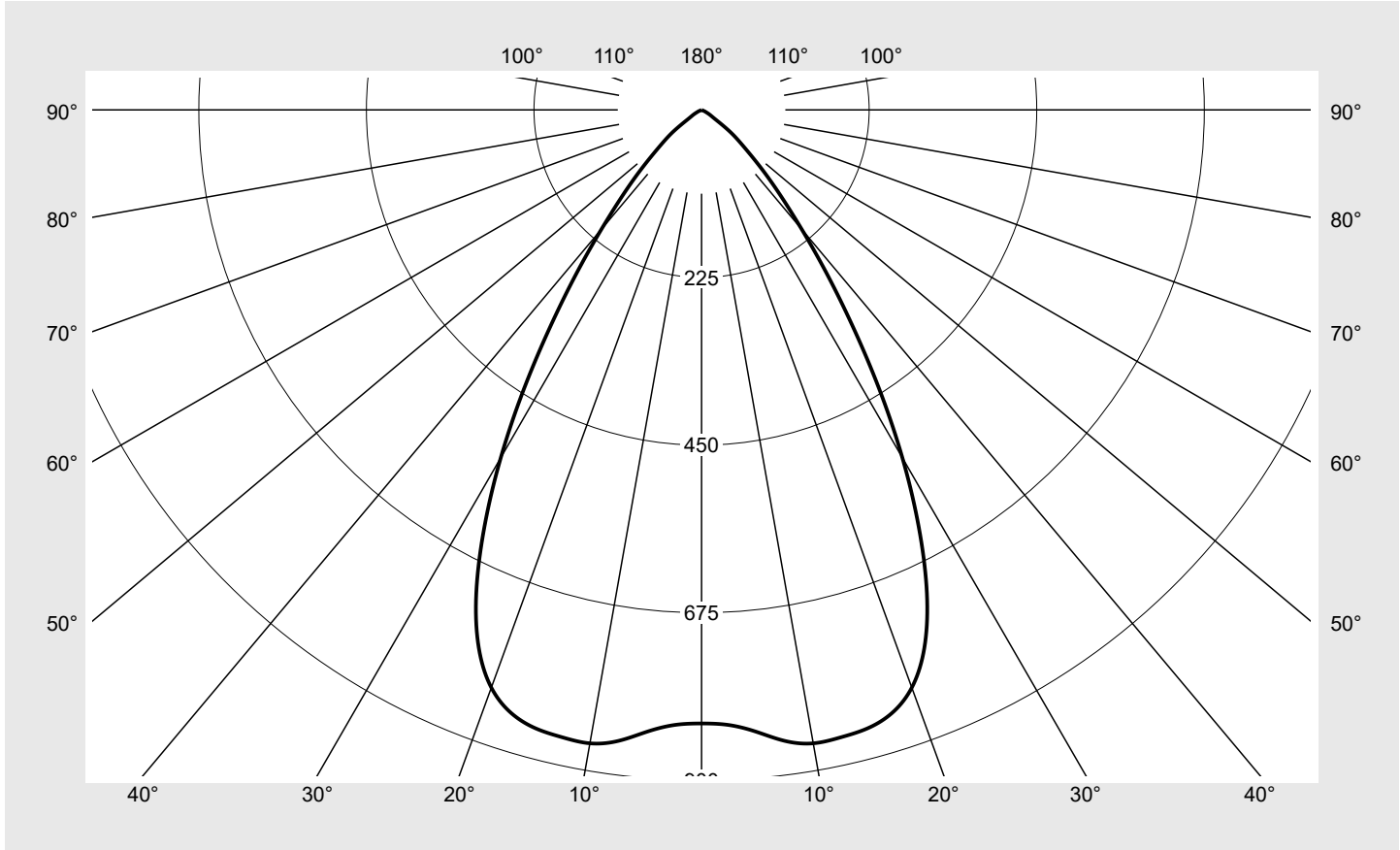


Photometric test report

Family Lunis 31	Order number: 51DN15MG32B EAN: 4069025151735	LP number 59323_5
	Version Lens optics, wide distribution, UGR≤19 Lamps LED 3000 K CRI ≥ 80 Controlgear ECG Multilumen Setting factory setting: DIP-Step=7 Rated values Net luminous flux = 2400 lm Power consumption = 17.0 W Luminous efficacy = 141.2 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: 51DN15MG32B EAN: 4069025151735	LP number 59323_5
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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°	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: 51DN15MG32B EAN: 4069025151735	LP number 59323_5
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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	17.0	18.3	17.4	18.6	18.9	17.0	18.3	17.4	18.6	18.9
	3H	16.9	18.0	17.3	18.3	18.7	16.9	18.0	17.3	18.3	18.7
	4H	16.9	17.8	17.3	18.2	18.6	16.9	17.8	17.3	18.2	18.6
	6H	16.8	17.7	17.2	18.1	18.5	16.8	17.7	17.2	18.1	18.5
	8H	16.9	17.6	17.3	18.0	18.4	16.9	17.6	17.3	18.0	18.4
	12H	16.8	17.5	17.3	17.9	18.3	16.8	17.5	17.3	17.9	18.3
4H	2H	16.9	17.9	17.3	18.2	18.6	16.9	17.9	17.3	18.2	18.6
	3H	16.7	17.5	17.2	17.9	18.4	16.7	17.5	17.2	17.9	18.4
	4H	16.6	17.4	17.1	17.8	18.2	16.6	17.4	17.1	17.8	18.2
	6H	16.6	17.2	17.0	17.6	18.1	16.6	17.2	17.0	17.6	18.1
	8H	16.5	17.1	17.0	17.5	18.0	16.5	17.1	17.0	17.5	18.0
	12H	16.6	17.0	17.1	17.5	18.0	16.6	17.0	17.1	17.5	18.0
8H	4H	16.5	17.1	17.0	17.5	18.0	16.5	17.1	17.0	17.5	18.0
	6H	16.4	16.9	16.9	17.4	17.9	16.4	16.9	16.9	17.4	17.9
	8H	16.4	16.8	16.9	17.3	17.8	16.4	16.8	16.9	17.3	17.8
	12H	16.4	16.7	16.9	17.2	17.7	16.4	16.7	16.9	17.2	17.7
12H	4H	16.5	17.0	17.0	17.4	17.9	16.5	17.0	17.0	17.4	17.9
	6H	16.4	16.8	17.0	17.3	17.8	16.4	16.8	17.0	17.3	17.8
	8H	16.4	16.7	16.9	17.2	17.7	16.4	16.7	16.9	17.2	17.7

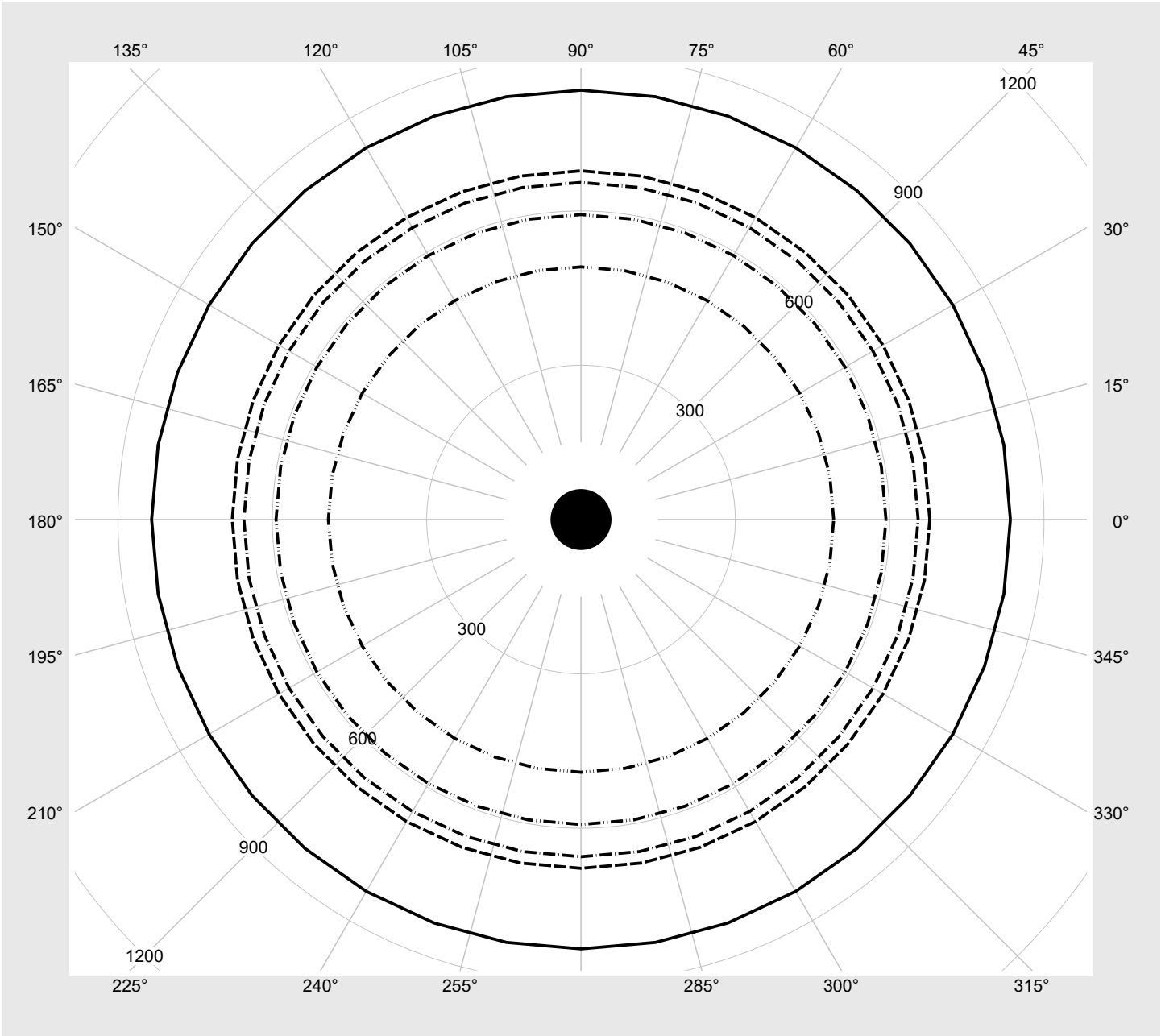
Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm: D = 204
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C-planes	0°
γ	Luminance in cd/m²
45,0°	12559.9
50,0°	7597.4
55,0°	3382.0
60,0°	1782.7
65,0°	834.7
70,0°	678.0
75,0°	655.4
80,0°	592.8
85,0°	491.2

Photometric test report


Family Lunis 31	Order number: 51DN15MG32B EAN: 4069025151735	LP number 59323_5
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Luminance values in cd/m² γ 65° γ 70° γ 75° γ 80° γ 85° **siteco**



Photometric test report

Family Lunis 31	Order number: 51DN15MG32B EAN: 4069025151735	LP number 59323_5
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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	2400	17.0
6	OFF	ON	ON	OFF	2140	15.0
5	ON	OFF	ON	OFF	1870	13.0
4	OFF	OFF	ON	OFF	1650	11.5