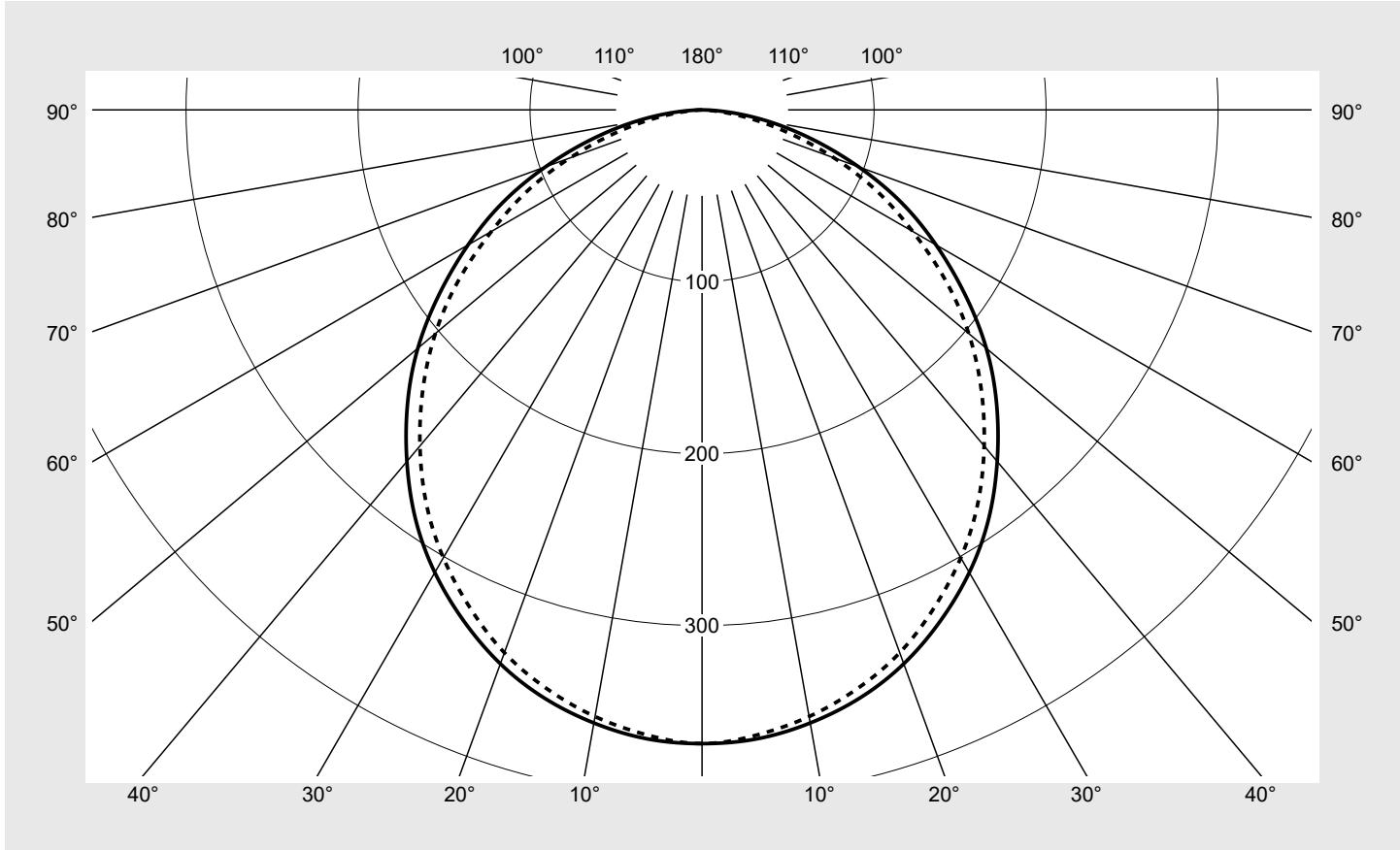


Photometric test report

Family Lunis 41	Order number: 51DR10DDGGB EAN: 4069025152015	LP number 59234_17
	Version	recessed luminaire, diffuse cover, extremely wide distribution, adjustable color temperature: 3000 K 4000 K
	Lamps	LED 3000 K CRI ≥ 80
	Controlgear	ECG Multilumen
	Setting	individual position: DIP-Step=3, colour temperature 3000K
	Rated values	Net luminous flux = 1700 lm Power consumption = 14.0 W Luminous efficacy = 121.4 lm/W
		serial documentation 16.01.2025
		

Luminous intensity in cd/klm C180-0 C270-90 **Imax: 369 cd/klm**



Classifications	
DIN 5040	A 4 0
CIE	N1=49 N2=80 N3=96 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 41	Order number: 51DR10DDGGB EAN: 4069025152015	LP number 59234_17
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C-planes γ	0° 180°	15°	30°	45°	60°	75°	90° 270°	Phi-zone	Total Phi-zone
		165° 195° 345°	150° 210° 330°	135° 225° 315°	120° 240° 300°	105° 255° 285°			
Luminous intensity in cd/klm								Luminous flux in lm/klm	
0°	368.6	368.6	368.6	368.6	368.6	368.6	368.6	2.2	2.2
5°	367.2	366.8	366.3	365.8	365.5	365.3	365.0	17.5	19.7
10°	362.1	361.4	360.8	360.1	359.5	358.9	358.3	34.3	54.0
15°	354.2	353.1	351.9	350.8	350.1	349.3	348.6	49.8	103.8
20°	342.9	341.5	340.1	338.8	337.8	336.9	336.0	63.6	167.3
25°	327.9	326.3	324.6	323.0	321.8	320.6	319.4	74.9	242.3
30°	310.7	308.8	306.8	304.8	303.5	302.2	300.8	83.7	325.9
35°	290.5	288.3	286.2	284.0	282.5	281.0	279.5	89.4	415.4
40°	267.0	264.6	262.3	260.0	258.4	256.8	255.2	91.8	507.2
45°	242.2	239.7	237.3	234.8	233.0	231.3	229.5	91.2	598.4
50°	215.7	213.2	210.6	208.1	206.2	204.3	202.4	87.6	686.0
55°	186.3	184.1	181.9	179.7	177.4	175.1	172.8	80.7	766.6
60°	157.1	154.5	151.9	149.2	146.6	144.0	141.4	70.8	837.5
65°	128.1	125.1	122.0	118.9	116.8	114.6	112.5	59.4	896.9
70°	96.9	93.9	90.9	87.9	85.9	83.8	81.7	45.6	942.5
75°	66.8	64.2	61.7	59.2	57.0	54.7	52.5	31.5	974.0
80°	40.0	39.6	39.2	38.8	35.1	31.4	27.8	19.6	993.6
85°	16.1	14.5	12.9	11.3	10.3	9.3	8.3	6.4	1000.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0

Photometric test report

Family Lunis 41	Order number: 51DR10DDGGB EAN: 4069025152015	LP number 59234_17
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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	25.6	27.3	26.0	27.6	27.9	25.3	26.9	25.6	27.2	27.6
	3H	27.2	28.7	27.6	29.0	29.4	26.7	28.2	27.0	28.5	28.9
	4H	27.8	29.2	28.2	29.6	30.0	27.2	28.6	27.5	28.9	29.3
	6H	28.3	29.6	28.7	30.0	30.4	27.5	28.8	27.9	29.2	29.5
	8H	28.5	29.7	28.9	30.1	30.5	27.6	28.8	28.0	29.2	29.6
	12H	28.6	29.7	29.0	30.1	30.5	27.6	28.8	28.0	29.2	29.6
4H	2H	26.3	27.7	26.7	28.1	28.4	26.0	27.4	26.4	27.8	28.2
	3H	28.0	29.2	28.5	29.6	30.0	27.6	28.8	28.0	29.2	29.6
	4H	28.8	29.9	29.2	30.3	30.7	28.2	29.3	28.6	29.7	30.1
	6H	29.4	30.3	29.8	30.7	31.2	28.6	29.6	29.1	30.0	30.5
	8H	29.6	30.5	30.1	30.9	31.4	28.8	29.6	29.2	30.1	30.5
	12H	29.7	30.5	30.2	31.0	31.4	28.8	29.6	29.3	30.0	30.5
8H	4H	29.1	29.9	29.5	30.4	30.8	28.5	29.4	29.0	29.8	30.3
	6H	29.8	30.5	30.3	31.0	31.5	29.1	29.8	29.6	30.3	30.8
	8H	30.1	30.7	30.6	31.2	31.7	29.3	29.9	29.8	30.4	30.9
	12H	30.3	30.8	30.8	31.3	31.8	29.4	29.9	29.9	30.4	30.9
12H	4H	29.1	29.9	29.6	30.3	30.8	28.6	29.4	29.1	29.8	30.3
	6H	29.9	30.5	30.4	31.0	31.5	29.2	29.8	29.7	30.3	30.8
	8H	30.2	30.7	30.7	31.2	31.7	29.4	29.9	29.9	30.4	31.0

Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	D = 125
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C-planes	γ	0° 180°	15°	30°	45°	60°	75°	90°
			165° 195° 345°	150° 210° 330°	135° 225° 315°	120° 240° 300°	105° 255° 285°	270°
Luminance in cd/m²								
45°		47450.9	46968.6	46486.4	46003.9	45655.8	45307.8	44959.7
50°		46488.3	45941.3	45394.6	44847.6	44437.1	44027.0	43616.6
55°		44999.4	44466.4	43932.9	43399.6	42842.0	42284.1	41726.4
60°		43520.7	42796.2	42072.2	41347.7	40623.5	39899.0	39174.7
65°		42005.2	40990.3	39975.2	38960.3	38269.7	37579.1	36888.4
70°		39228.8	38025.8	36822.9	35620.4	34777.1	33934.2	33091.4
75°		35741.2	34382.3	33024.4	31666.0	30483.7	29302.4	28120.1
80°		31890.2	31566.3	31241.6	30917.7	28001.9	25087.0	22171.2
85°		25535.9	23034.1	20533.9	18032.1	16418.9	14805.6	13190.7

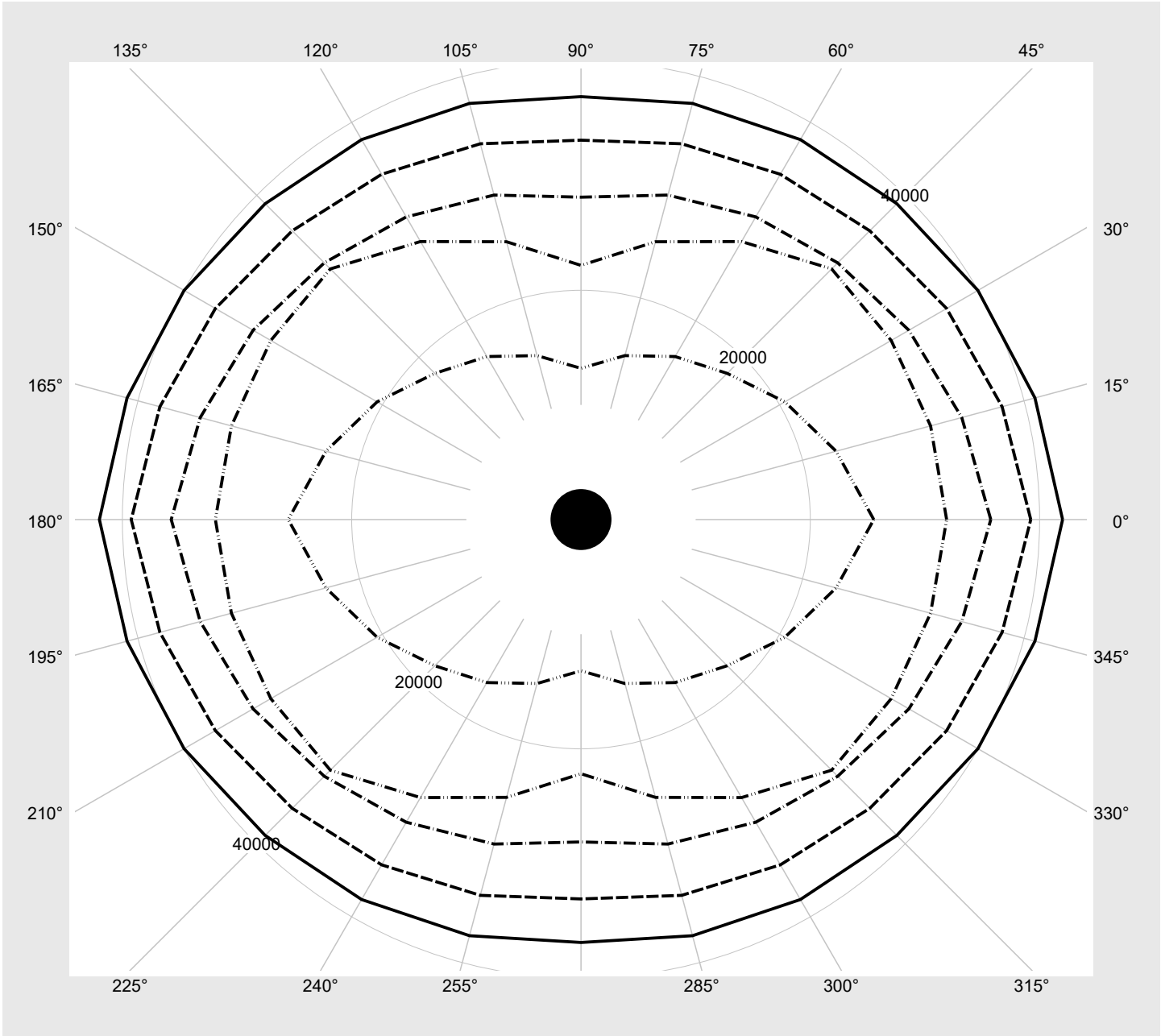
Photometric test report

Family Lunis 41	Order number: 51DR10DDGGBB EAN: 4069025152015	LP number 59234_17
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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 41	Order number: 51DR10DDGGBB EAN: 4069025152015	LP number 59234_17
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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	ON	ON	1700	14.0
2	OFF	ON	1500	12.8
1	ON	OFF	1250	10.5
0	OFF	OFF	1000	8.5