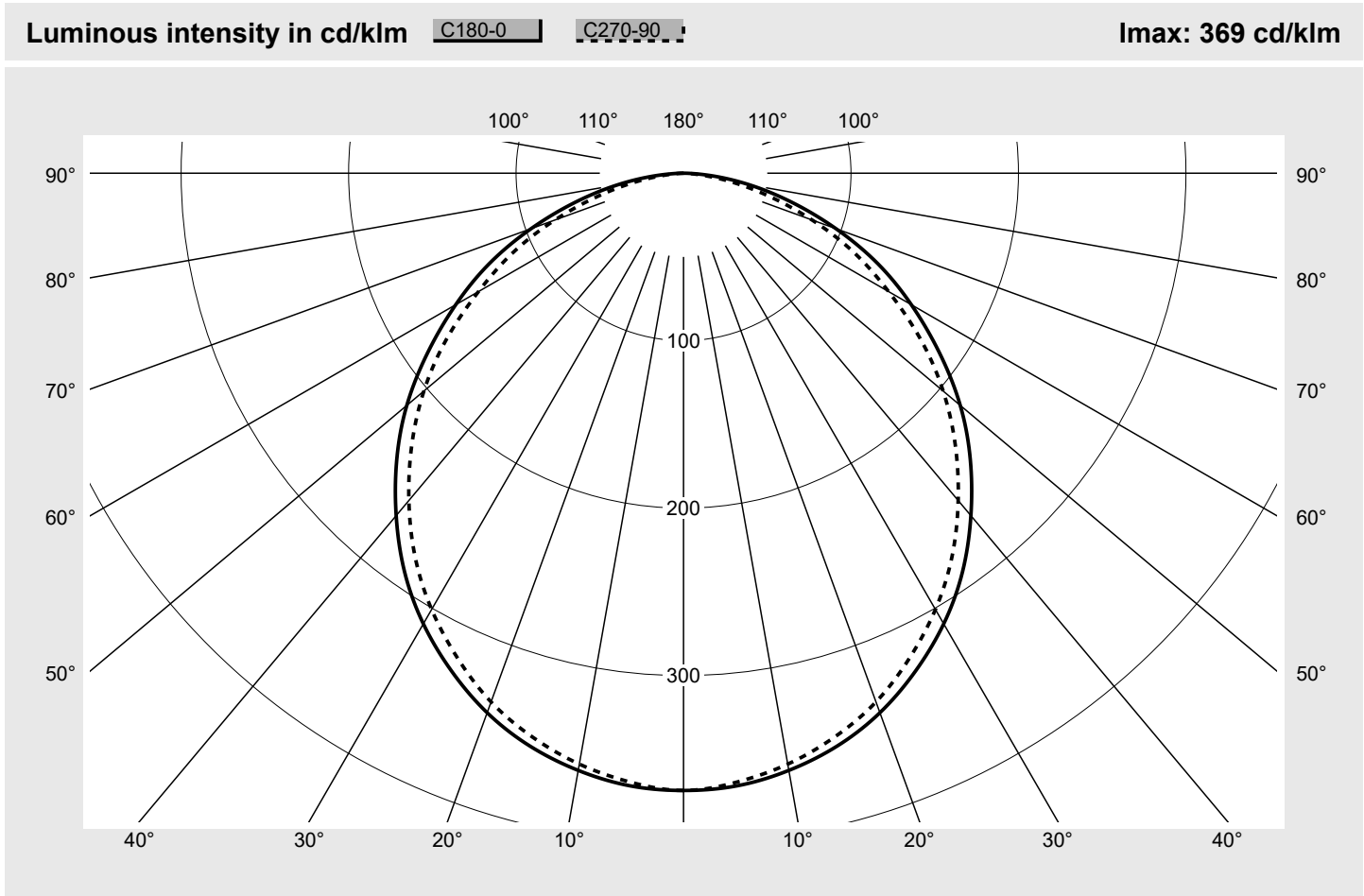


Photometric test report

Family Lunis 41 	Order number: 51DR10DFGCB EAN: 4069025152039	LP number 59234_19
	Version recessed luminaire, diffuse cover, extremely wide distribution, adjustable color temperature: 3000 K 4000 K	serial documentation 16.01.2025
	Lamps LED 3000 K CRI ≥ 80 Controlgear ECG Multilumen Setting individual position: DIP-Step=0, colour temperature 3000K Rated values Net luminous flux = 3000 lm Power consumption = 23.0 W Luminous efficacy = 130.4 lm/W	siteco



Classifications		Luminaire light output ratios	
DIN 5040	A 4 0	η_{LB}	100.0%
CIE	N1=49 N2=80 N3=96	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 41	Order number: 51DR10DFGCB EAN: 4069025152039	LP number 59234_19
Table of values for luminous intensities		Maximum luminous intensity
		siteco

C- planes	0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°	Phi-zone	Total Phi-zone
γ	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: 51DR10DFGCB EAN: 4069025152039							LP number 59234_19	
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	25.3	27.0	25.7	27.3	27.6	25.0	26.6	25.3	26.9	27.3
	3H	26.9	28.4	27.3	28.8	29.1	26.4	27.9	26.8	28.2	28.6
	4H	27.5	29.0	27.9	29.3	29.7	26.9	28.3	27.3	28.6	29.0
	6H	28.0	29.3	28.4	29.7	30.1	27.2	28.5	27.6	28.9	29.3
	8H	28.2	29.4	28.6	29.8	30.2	27.3	28.5	27.7	28.9	29.3
	12H	28.3	29.5	28.7	29.8	30.3	27.3	28.5	27.8	28.9	29.3
4H	2H	26.0	27.4	26.4	27.8	28.1	25.7	27.2	26.1	27.5	27.9
	3H	27.8	29.0	28.2	29.3	29.8	27.3	28.5	27.7	28.9	29.3
	4H	28.5	29.6	28.9	30.0	30.4	27.9	29.0	28.4	29.4	29.8
	6H	29.1	30.0	29.5	30.5	30.9	28.3	29.3	28.8	29.7	30.2
	8H	29.3	30.2	29.8	30.6	31.1	28.5	29.3	28.9	29.8	30.2
	12H	29.5	30.2	29.9	30.7	31.2	28.5	29.3	29.0	29.8	30.2
8H	4H	28.8	29.6	29.2	30.1	30.6	28.3	29.1	28.7	29.6	30.0
	6H	29.5	30.2	30.0	30.7	31.2	28.8	29.5	29.3	30.0	30.5
	8H	29.8	30.4	30.3	30.9	31.4	29.0	29.6	29.5	30.1	30.6
	12H	30.0	30.5	30.5	31.0	31.5	29.1	29.6	29.6	30.1	30.6
12H	4H	28.8	29.6	29.3	30.0	30.5	28.3	29.1	28.8	29.5	30.0
	6H	29.6	30.2	30.1	30.7	31.2	28.9	29.5	29.4	30.0	30.5
	8H	29.9	30.4	30.4	30.9	31.4	29.1	29.6	29.6	30.1	30.7

Luminance table		Max. for $\gamma \geq 65^\circ$		Photometric dimensions in mm:		D = 173	
C-planes	0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°
γ	Luminance in cd/m²						
45°	43716.4	43272.0	42827.9	42383.3	42062.6	41742.0	41421.3
50°	42829.6	42325.7	41821.9	41318.0	40939.8	40561.9	40183.9
55°	41457.9	40966.8	40475.3	39984.0	39470.2	38956.2	38442.5
60°	40095.5	39428.0	38761.0	38093.6	37426.3	36758.8	36091.6
65°	38699.3	37764.3	36829.1	35894.1	35257.8	34621.5	33985.2
70°	36141.4	35033.1	33924.9	32817.0	32040.1	31263.5	30487.0
75°	32928.3	31676.3	30425.3	29173.8	28084.5	26996.2	25907.0
80°	29380.4	29082.0	28782.9	28484.5	25798.1	23112.6	20426.3
85°	23526.2	21221.3	18917.9	16613.0	15126.7	13640.4	12152.6

Photometric test report

Family
Lunis 41

Order number: 51DR10DFGCB
EAN: 4069025152039

LP number
59234_19

Luminance values in cd/m²

γ 65°

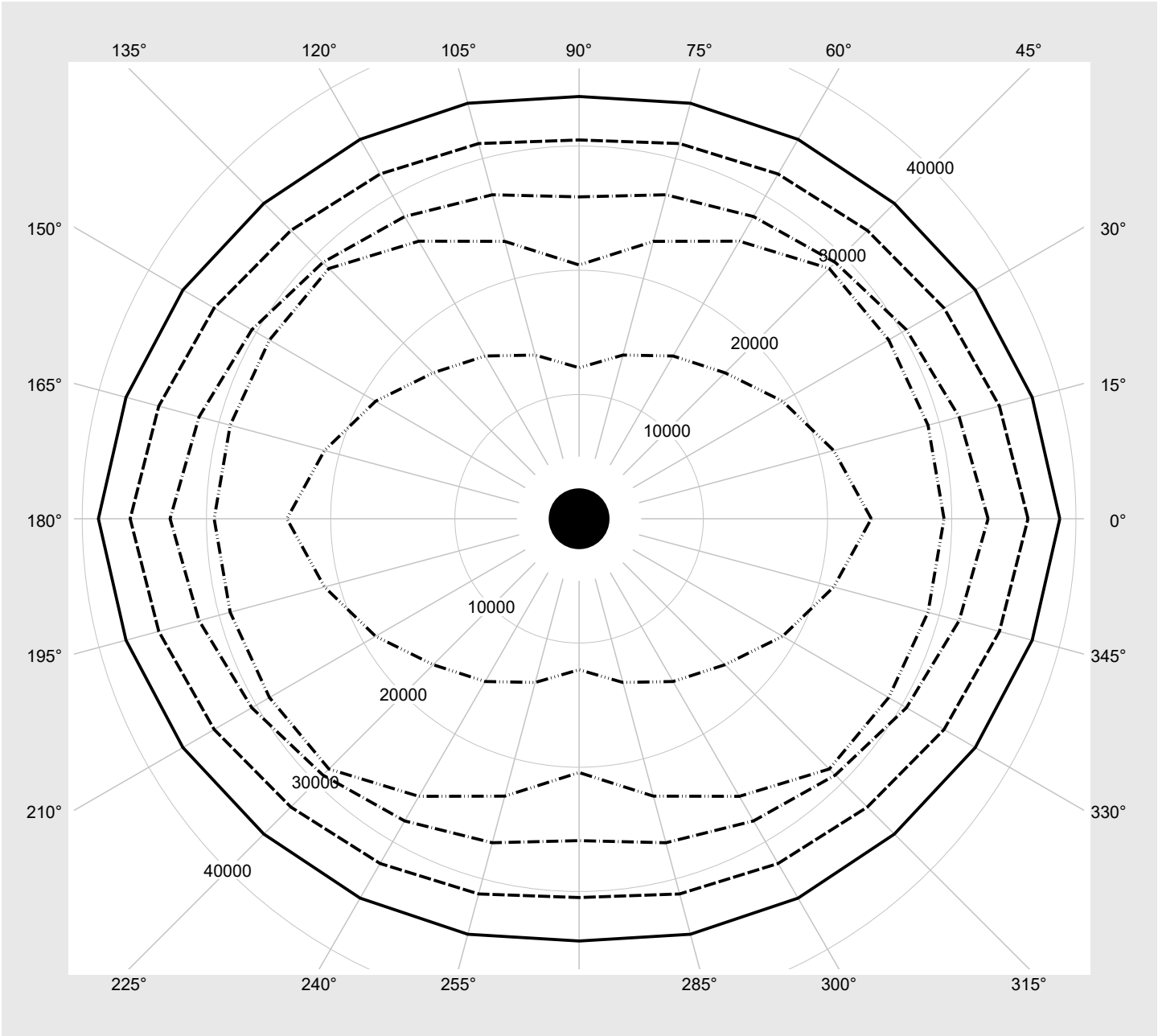
γ 70°

γ 75°

γ 80°

γ 85°

siteco



Photometric test report

Family Lunis 41	Order number: 51DR10DFGCB EAN: 4069025152039	LP number 59234_19
Multilumen Table	environmental temperature: 25°C	siteco

DIP-Step	Switch Setting			Luminous flux [lm]	Power consumption [W]
	1	2	3		
7	ON	ON	ON	1500	11.5
6	OFF	ON	ON	1700	13.5
5	ON	OFF	ON	1900	14.5
4	OFF	OFF	ON	2150	16.5
3	ON	ON	OFF	2350	18.5
2	OFF	ON	OFF	2550	20.0
1	ON	OFF	OFF	2600	21.5
0	OFF	OFF	OFF	3000	23.0