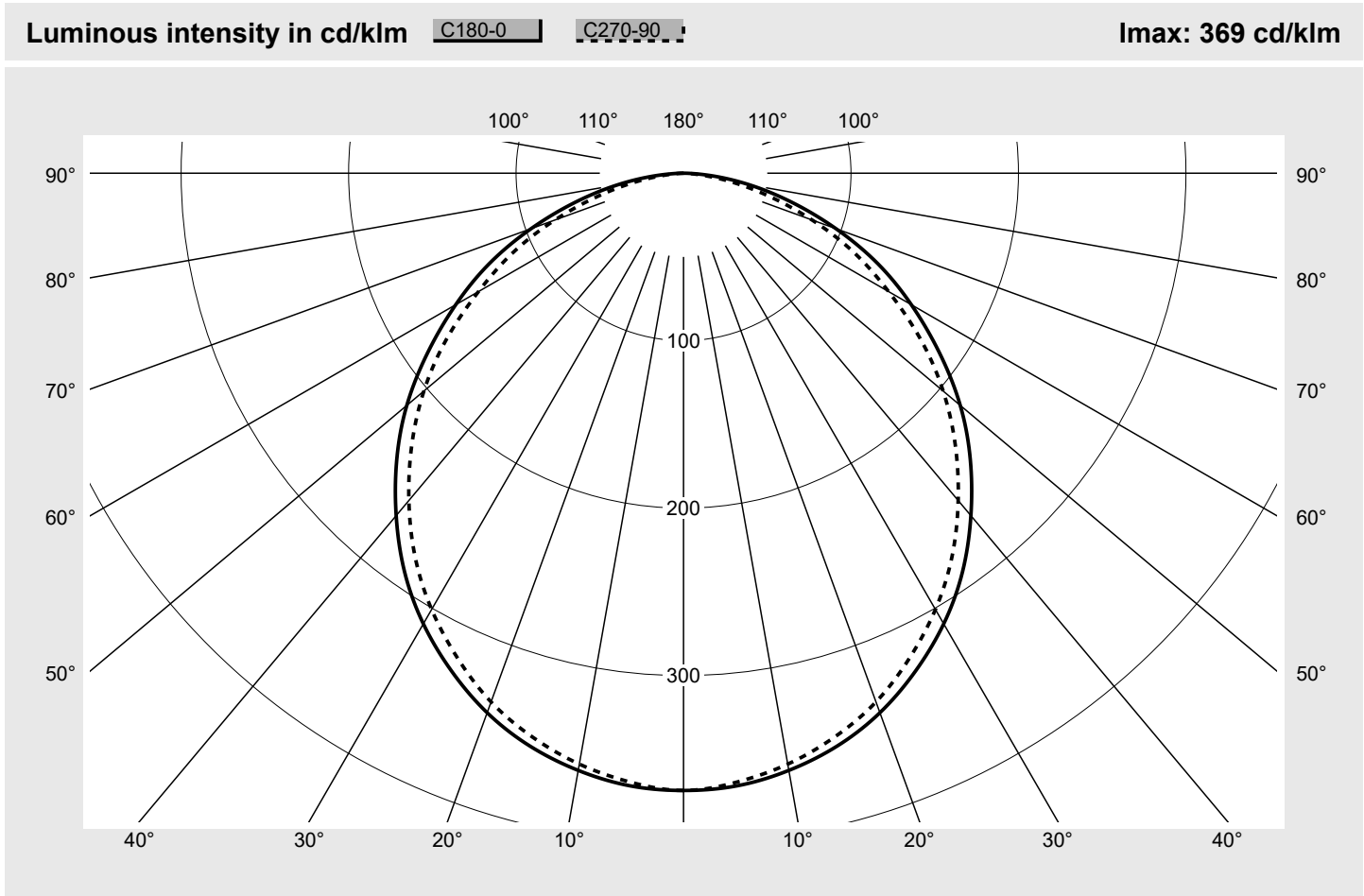


Photometric test report

Family Lunis 41	Order number: 51DR10MDGBB EAN: 4069025152053	LP number 59234_9
	Version	recessed luminaire, diffuse cover, extremely wide distribution, adjustable color temperature: 3000 K 4000 K
	Lamps	LED 3000 K CRI ≥ 80
	Controlgear	ECG
	Setting	individual position: colour temperature 3000K
	Rated values	Net luminous flux = 1530 lm Power consumption = 12.5 W Luminous efficacy = 122.4 lm/W
		serial documentation 16.01.2025
		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: 51DR10MDGGB EAN: 4069025152053	LP number 59234_9
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: 51DR10MDGBB EAN: 4069025152053	LP number 59234_9
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	25.2	26.9	25.6	27.2	27.5	24.9	26.6	25.2	26.9	27.2
	3H	26.8	28.3	27.2	28.7	29.0	26.3	27.8	26.7	28.1	28.5
	4H	27.5	28.9	27.9	29.2	29.6	26.8	28.2	27.2	28.6	28.9
	6H	27.9	29.2	28.3	29.6	30.0	27.1	28.4	27.5	28.8	29.2
	8H	28.1	29.3	28.5	29.7	30.1	27.2	28.4	27.6	28.8	29.2
	12H	28.2	29.4	28.7	29.8	30.2	27.2	28.4	27.7	28.8	29.2
4H	2H	25.9	27.3	26.3	27.7	28.1	25.7	27.1	26.0	27.4	27.8
	3H	27.7	28.9	28.1	29.3	29.7	27.2	28.4	27.7	28.8	29.2
	4H	28.4	29.5	28.9	29.9	30.3	27.8	28.9	28.3	29.3	29.8
	6H	29.0	30.0	29.5	30.4	30.8	28.3	29.2	28.7	29.6	30.1
	8H	29.2	30.1	29.7	30.5	31.0	28.4	29.3	28.9	29.7	30.2
	12H	29.4	30.1	29.9	30.6	31.1	28.5	29.2	28.9	29.7	30.2
8H	4H	28.7	29.6	29.2	30.0	30.5	28.2	29.0	28.6	29.5	30.0
	6H	29.4	30.1	29.9	30.6	31.1	28.7	29.5	29.2	29.9	30.4
	8H	29.7	30.3	30.2	30.8	31.3	28.9	29.5	29.4	30.0	30.5
	12H	29.9	30.4	30.4	30.9	31.4	29.0	29.5	29.5	30.0	30.6
12H	4H	28.7	29.5	29.2	30.0	30.4	28.2	29.0	28.7	29.5	29.9
	6H	29.5	30.1	30.0	30.6	31.1	28.8	29.5	29.3	29.9	30.5
	8H	29.8	30.3	30.3	30.8	31.4	29.0	29.6	29.5	30.1	30.6

Luminance table		Max. for $\gamma \geq 65^\circ$		Photometric dimensions in mm:		D = 125	
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°	42705.8	42271.7	41837.8	41403.5	41090.2	40777.1	40463.7
50°	41839.5	41347.2	40855.1	40362.9	39993.4	39624.3	39255.0
55°	40499.5	40019.8	39539.6	39059.7	38557.8	38055.7	37553.8
60°	39168.6	38516.5	37865.0	37212.9	36561.1	35909.1	35257.3
65°	37804.6	36891.3	35977.7	35064.3	34442.7	33821.2	33199.6
70°	35305.9	34223.3	33140.6	32058.3	31299.4	30540.8	29782.2
75°	32167.1	30944.1	29722.0	28499.4	27435.3	26372.2	25308.1
80°	28701.2	28409.7	28117.5	27826.0	25201.8	22578.3	19954.1
85°	22982.3	20730.7	18480.5	16228.9	14777.0	13325.0	11871.7

Photometric test report

Family
Lunis 41

Order number: 51DR10MDGGB
EAN: 4069025152053

LP number
59234_9

Luminance values in cd/m²

γ 65°

γ 70°

γ 75°

γ 80°

γ 85°

siteco

