
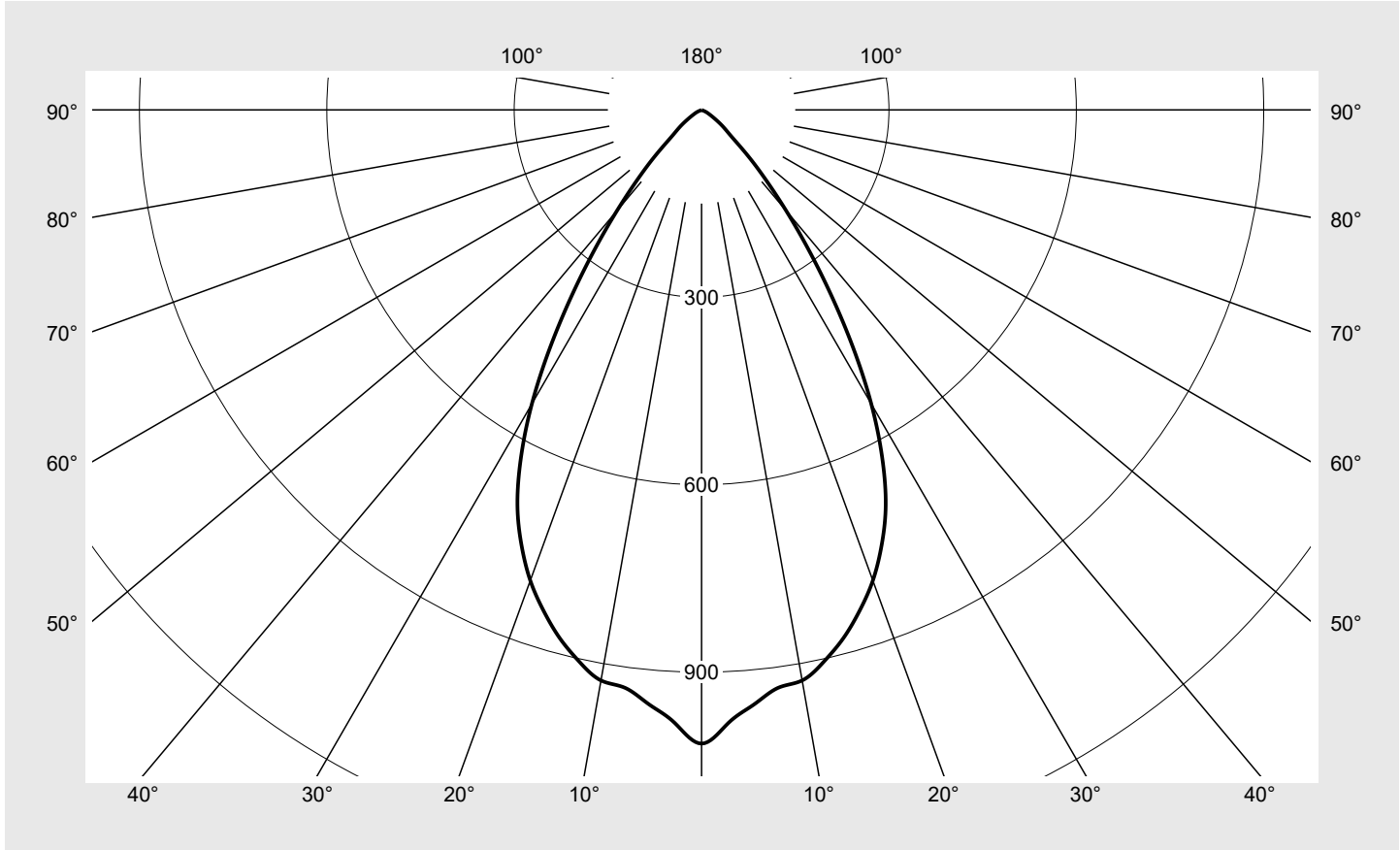


Photometric test report

Family Lunis 21	Order number: 51DB33ED21B1D EAN: 4069025526427	LP number 59847_71
	Version surface-mounted luminaire, Combined lens and reflector optics, reflector, aluminium, highly specular, rotationally symmetrical wide distribution, UGR≤19 (L65≤3000cd/m²)	serial documentation 17.11.2025
	Lamps LED 3000 K CRI ≥ 90	
	Controlgear ECG Multilumen	
	Setting factory setting: DIP-Step=0	
Rated values Net luminous flux = 2110 lm Power consumption = 14.3 W Luminous efficacy = 147.6 lm/W		

Luminous intensity in cd/klm C180-0 **Imax: 1014 cd/klm**



Classifications	
DIN 5040	A 7 0
CIE	N1=90 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 21	Order number: 51DB33ED21B1D EAN: 4069025526427	LP number 59847_71
---------------------------	-----------------------------------------------------------------	------------------------------

Table of values for luminous intensities	Maximum luminous intensity	siteco
-------------------------------------------------	-----------------------------------	---------------

C-planes	0°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm	Luminous flux in lm/klm	
0,0°	1014.4	1.5	1.5
2,5°	982.4	11.7	13.3
5,0°	955.9	22.8	36.1
7,5°	933.4	33.4	69.5
10,0°	927.4	44.1	113.6
12,5°	904.7	53.7	167.3
15,0°	876.0	62.1	229.5
17,5°	840.9	69.3	298.8
20,0°	801.8	75.2	374.0
22,5°	753.6	79.1	453.0
25,0°	697.6	80.8	533.8
27,5°	625.8	79.2	613.1
30,0°	543.3	74.5	687.5
32,5°	452.0	66.6	754.1
35,0°	361.4	56.8	810.9
37,5°	280.0	46.7	857.7
40,0°	210.7	37.1	894.8
42,5°	153.9	28.5	923.3
45,0°	109.2	21.2	944.5
47,5°	71.9	14.5	959.0
50,0°	53.3	11.2	970.2
52,5°	41.5	9.0	979.2
55,0°	30.2	6.8	986.0
57,5°	21.4	5.0	990.9
60,0°	15.3	3.6	994.6
62,5°	11.2	2.7	997.3
65,0°	7.5	1.9	999.2
67,5°	3.1	0.8	999.9
70,0°	0.2	0.1	1000.0
72,5°	0.0	0.0	1000.0
75,0°	0.0	0.0	1000.0
77,5°	0.0	0.0	1000.0
80,0°	0.0	0.0	1000.0
82,5°	0.0	0.0	1000.0
85,0°	0.0	0.0	1000.0
87,5°	0.0	0.0	1000.0
90,0°	0.0	0.0	1000.0

Photometric test report

Family Lunis 21	Order number: 51DB33ED21B1D EAN: 4069025526427	LP number 59847_71
---------------------------	-----------------------------------------------------------------	------------------------------

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	19.4	20.6	19.8	21.0	21.3	19.4	20.6	19.8	21.0	21.3
	3H	19.3	20.4	19.7	20.7	21.1	19.3	20.4	19.7	20.7	21.1
	4H	19.2	20.2	19.6	20.6	20.9	19.2	20.2	19.6	20.6	20.9
	6H	19.1	20.0	19.6	20.4	20.8	19.1	20.0	19.6	20.4	20.8
	8H	19.2	20.0	19.6	20.3	20.7	19.2	20.0	19.6	20.3	20.7
	12H	19.2	19.9	19.6	20.2	20.7	19.2	19.9	19.6	20.2	20.7
4H	2H	19.3	20.2	19.7	20.6	21.0	19.3	20.2	19.7	20.6	21.0
	3H	19.1	19.9	19.5	20.3	20.7	19.1	19.9	19.5	20.3	20.7
	4H	19.0	19.7	19.5	20.1	20.6	19.0	19.7	19.5	20.1	20.6
	6H	18.9	19.5	19.4	20.0	20.4	18.9	19.5	19.4	20.0	20.4
	8H	18.9	19.4	19.4	19.9	20.4	18.9	19.4	19.4	19.9	20.4
	12H	18.9	19.3	19.4	19.8	20.3	18.9	19.3	19.4	19.8	20.3
8H	4H	18.9	19.4	19.4	19.9	20.4	18.9	19.4	19.4	19.9	20.4
	6H	18.8	19.2	19.3	19.7	20.2	18.8	19.2	19.3	19.7	20.2
	8H	18.7	19.1	19.2	19.6	20.1	18.7	19.1	19.2	19.6	20.1
	12H	18.7	19.0	19.2	19.5	20.0	18.7	19.0	19.2	19.5	20.0
12H	4H	18.9	19.3	19.4	19.8	20.3	18.9	19.3	19.4	19.8	20.3
	6H	18.8	19.1	19.3	19.6	20.1	18.8	19.1	19.3	19.6	20.1
	8H	18.7	19.0	19.2	19.5	20.0	18.7	19.0	19.2	19.5	20.0

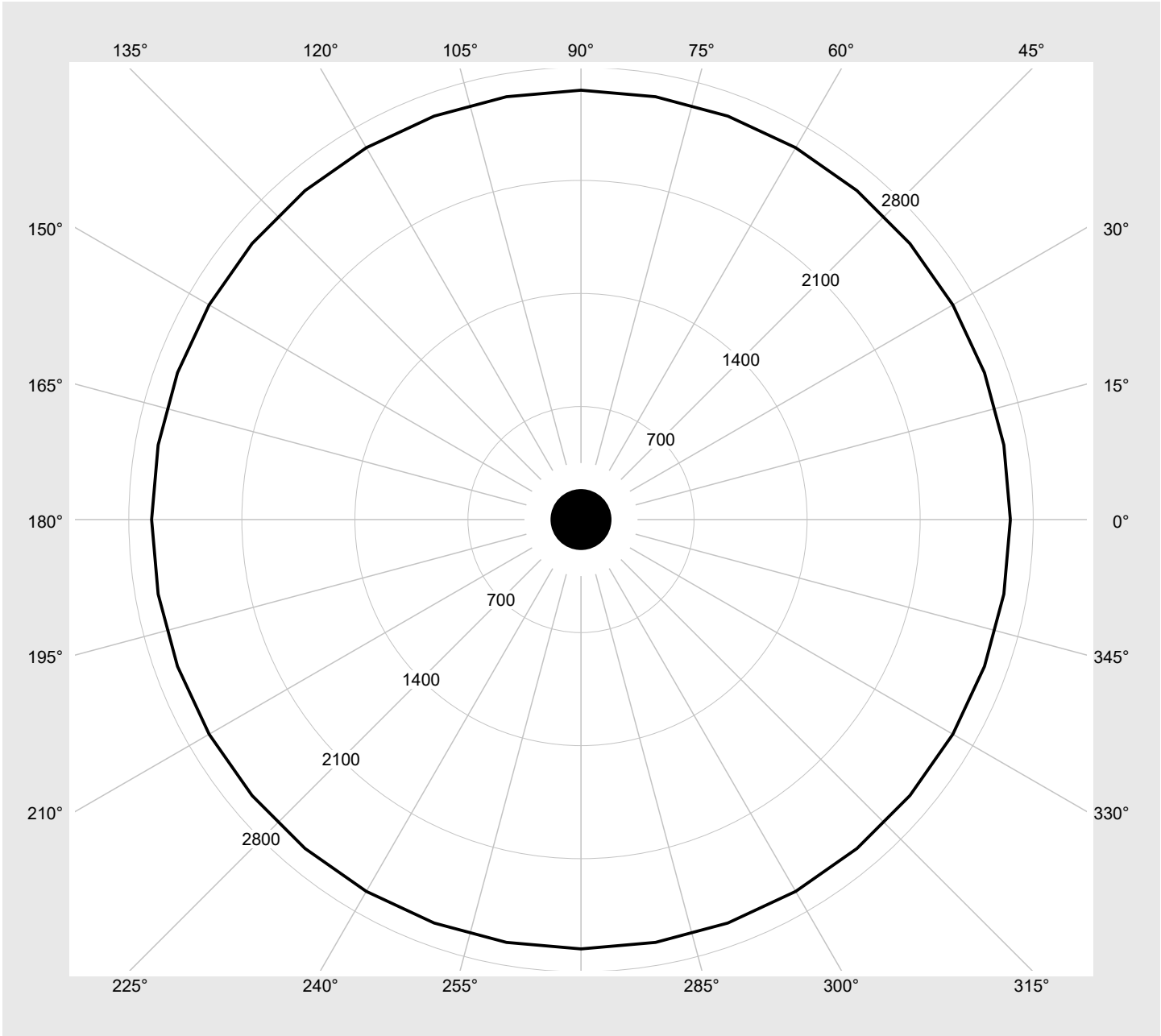
Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm: D = 134
------------------------	---------------------------------------------------	----------------------------------------------

C-planes	0°
γ	Luminance in cd/m²
45,0°	23115.1
50,0°	12399.3
55,0°	7887.9
60,0°	4584.3
65,0°	2658.7
70,0°	87.5
75,0°	0.0
80,0°	0.0
85,0°	0.0

Photometric test report

Family Lunis 21	Order number: 51DB33ED21B1D EAN: 4069025526427	LP number 59847_71
---------------------------	-----------------------------------------------------------------	------------------------------

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



Photometric test report

Family Lunis 21	Order number: 51DB33ED21B1D EAN: 4069025526427	LP number 59847_71
----------------------------------	-----------------------------------------------------------------	-------------------------------------

Multilumen Table	environmental temperature: 25°C	
-------------------------	---------------------------------	-------------------------------------------------------------------------------------

DIP-Step	Switch Setting			Luminous flux [lm]	Power consumption [W]
	1	2	3		
7	ON	ON	ON	4080	27.9
6	ON	ON	OFF	3810	25.9
5	ON	OFF	ON	3540	23.8
4	ON	OFF	OFF	3260	22.0
3	OFF	ON	ON	2980	20.2
2	OFF	ON	OFF	2690	18.1
1	OFF	OFF	ON	2400	16.2
0	OFF	OFF	OFF	2110	14.3