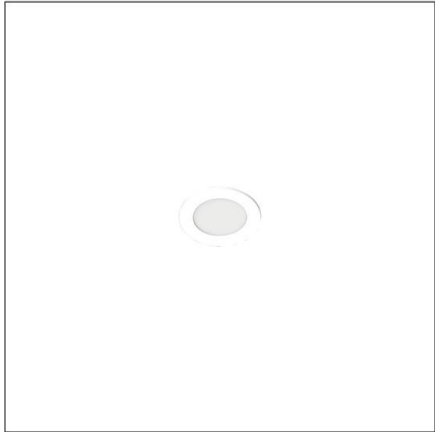

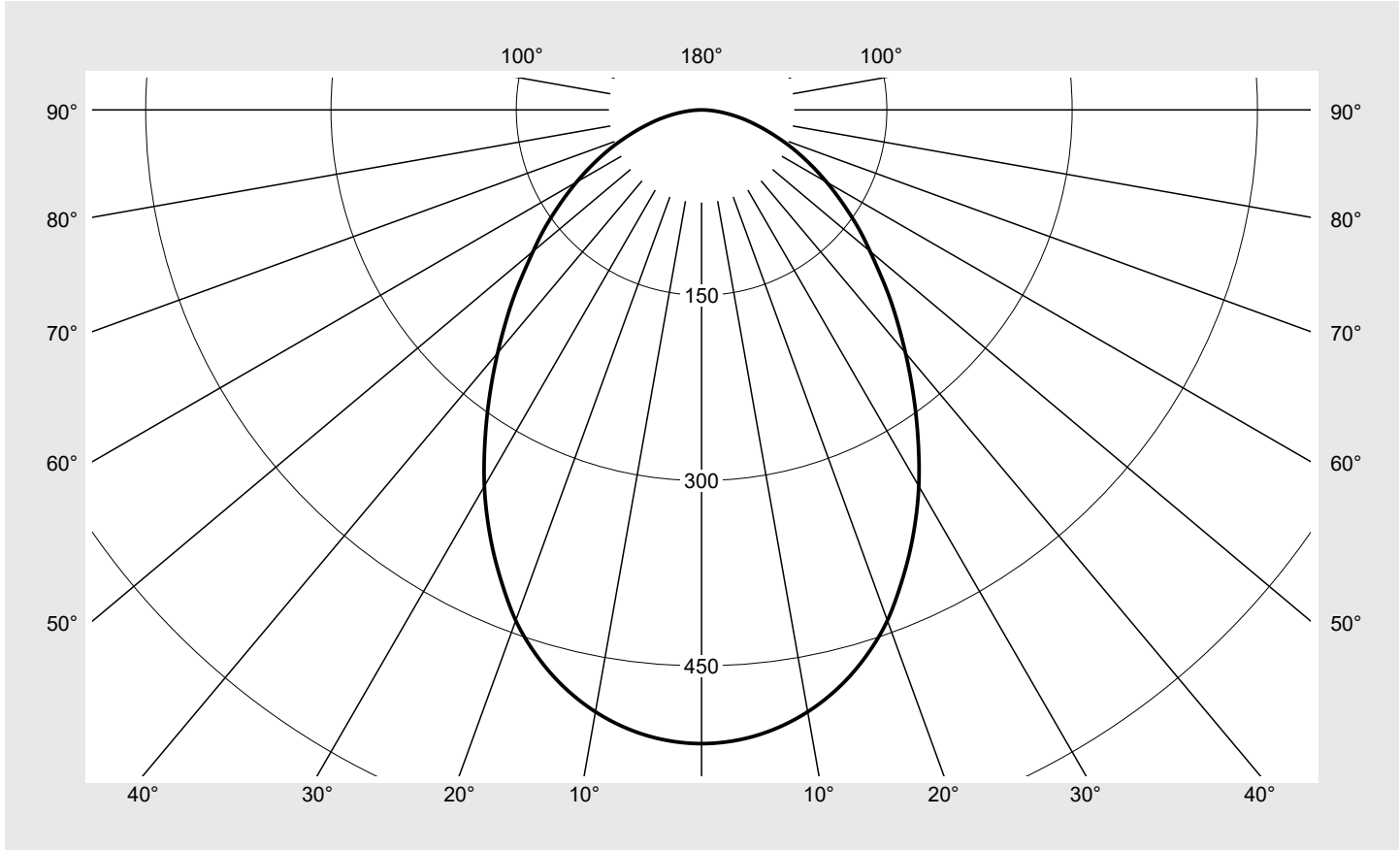


# Photometric test report

<b>Family</b> <b>Lunis 21</b>	<b>Order number: 51DB14MA15B1D</b> <b>EAN: 4069025446404</b>	<b>LP number</b> <b>59866_21</b>
	<b>Version</b> recessed luminaire, cover opal, PMMA, diffuse beam	<b>serial documentation</b> <b>13.10.2025</b>
	<b>Lamps</b> LED 3000 K   CRI ≥ 90	
	<b>Controlgear</b> ECG Multilumen	
	<b>Setting</b> factory setting: DIP-Step=1	
<b>Rated values</b> Net luminous flux = 600 lm Power consumption = 5.9 W Luminous efficacy = 101.7 lm/W		

**Luminous intensity in cd/klm** C180-0 **Imax: 513 cd/klm**



Classifications	
DIN 5040	A 5 0
CIE	N1=58 N2=85 N3=97 N4=100 N5=100

Luminaire light output ratios	
$\eta_{LB}$	100.0%
$\phi_u$	100.0%
$\phi_o$	0.0%

**Measurement conditions**  
 DIN EN 13032 and DIN 5032

## Photometric test report

Family <b>Lunis 21</b>	Order number: <b>51DB14MA15B1D</b> EAN: <b>4069025446404</b>	LP number <b>59866_21</b>
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<b>Table of values for luminous intensities</b>	Maximum luminous intensity	<b>siteco</b>
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C-planes	0°	Phi-zone	Total Phi-zone
$\gamma$	Luminous intensity in cd/klm	Luminous flux in lm/klm	
0,0°	512.9	0.8	0.8
2,5°	511.7	6.1	6.9
5,0°	508.3	12.1	19.0
7,5°	502.6	18.0	37.0
10,0°	494.7	23.6	60.6
12,5°	484.5	28.7	89.3
15,0°	472.0	33.5	122.8
17,5°	457.1	37.7	160.5
20,0°	439.8	41.2	201.7
22,5°	419.0	44.0	245.7
25,0°	397.5	46.1	291.7
27,5°	375.0	47.5	339.2
30,0°	351.7	48.2	387.4
32,5°	327.1	48.2	435.6
35,0°	302.8	47.6	483.2
37,5°	279.3	46.6	529.8
40,0°	256.8	45.3	575.1
42,5°	235.5	43.6	618.7
45,0°	215.5	41.8	660.5
47,5°	195.7	39.6	700.0
50,0°	178.0	37.4	737.4
52,5°	162.2	35.3	772.7
55,0°	146.2	32.8	805.5
57,5°	131.1	30.3	835.8
60,0°	116.9	27.7	863.5
62,5°	103.3	25.1	888.6
65,0°	90.2	22.4	911.1
67,5°	77.9	19.7	930.8
70,0°	65.7	16.9	947.7
72,5°	54.7	14.3	962.0
75,0°	44.5	11.8	973.8
77,5°	35.5	9.5	983.3
80,0°	26.6	7.2	990.5
82,5°	18.6	5.1	995.6
85,0°	11.3	3.1	998.7
87,5°	4.9	1.3	1000.0
90,0°	0.0	0.0	1000.0

## Photometric test report

Family <b>Lunis 21</b>	Order number: <b>51DB14MA15B1D</b> EAN: <b>4069025446404</b>	LP number <b>59866_21</b>
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<b>UGR-Table</b>	<b>Standard room</b>	<b>siteco</b>
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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	26.3	27.8	26.6	28.1	28.5	26.3	27.8	26.6	28.1	28.5
	3H	27.5	28.9	27.9	29.2	29.6	27.5	28.9	27.9	29.2	29.6
	4H	28.0	29.3	28.3	29.6	30.0	28.0	29.3	28.3	29.6	30.0
	6H	28.3	29.5	28.7	29.9	30.3	28.3	29.5	28.7	29.9	30.3
	8H	28.5	29.6	28.9	30.0	30.4	28.5	29.6	28.9	30.0	30.4
	12H	28.6	29.6	29.0	30.0	30.4	28.6	29.6	29.0	30.0	30.4
4H	2H	26.9	28.2	27.2	28.5	28.9	26.9	28.2	27.2	28.5	28.9
	3H	28.3	29.4	28.7	29.8	30.2	28.3	29.4	28.7	29.8	30.2
	4H	28.8	29.8	29.3	30.3	30.7	28.8	29.8	29.3	30.3	30.7
	6H	29.3	30.2	29.8	30.6	31.1	29.3	30.2	29.8	30.6	31.1
	8H	29.5	30.3	30.0	30.7	31.2	29.5	30.3	30.0	30.7	31.2
	12H	29.6	30.3	30.1	30.8	31.3	29.6	30.3	30.1	30.8	31.3
8H	4H	29.1	29.9	29.6	30.3	30.8	29.1	29.9	29.6	30.3	30.8
	6H	29.7	30.3	30.2	30.8	31.3	29.7	30.3	30.2	30.8	31.3
	8H	29.9	30.5	30.4	31.0	31.5	29.9	30.5	30.4	31.0	31.5
	12H	30.1	30.6	30.6	31.1	31.6	30.1	30.6	30.6	31.1	31.6
12H	4H	29.1	29.8	29.6	30.3	30.8	29.1	29.8	29.6	30.3	30.8
	6H	29.8	30.3	30.3	30.8	31.3	29.8	30.3	30.3	30.8	31.3
	8H	30.0	30.5	30.5	31.0	31.5	30.0	30.5	30.5	31.0	31.5

<b>Luminance table</b>	<b>Max. for <math>\gamma \geq 65^\circ</math></b>	<b>Photometric dimensions in mm: D = 56</b>
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<b>C-planes</b>	<b>0°</b>
$\gamma$	<b>Luminance in cd/m<sup>2</sup></b>
45,0°	74243.4
50,0°	67453.4
55,0°	62080.5
60,0°	56933.3
65,0°	52018.2
70,0°	46817.7
75,0°	41903.9
80,0°	37334.4
85,0°	31600.8

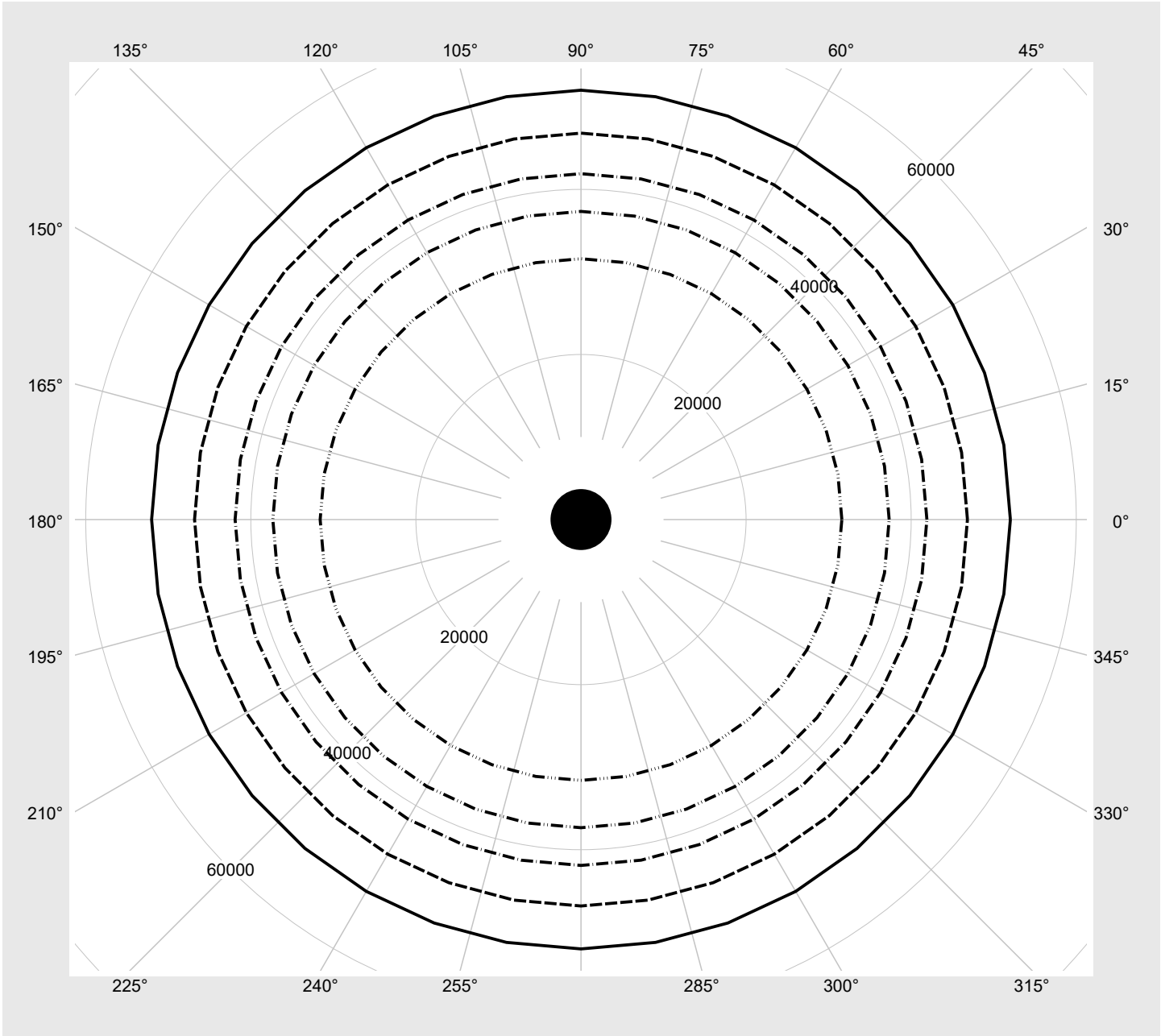
**Photometric test report**

<b>Family</b> Lunis 21	<b>Order number: 51DB14MA15B1D</b> <b>EAN: 4069025446404</b>	<b>LP number</b> 59866_21
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**Luminance values in cd/m<sup>2</sup>**

$\gamma$  65°   
   $\gamma$  70°   
   $\gamma$  75°   
   $\gamma$  80°   
   $\gamma$  85°

**siteco**



## Photometric test report

Family  
Lunis 21

Order number: 51DB14MA15B1D  
EAN: 4069025446404

LP number  
59866\_21

### Multilumen Table

environmental temperature: 25°C

siteco

DIP-Step	Switch Setting			Luminous flux [lm]	Power consumption [W]
	1	2	3		
7	ON	ON	ON	1740	17.5
6	ON	ON	OFF	1560	15.5
5	ON	OFF	ON	1380	13.5
4	ON	OFF	OFF	1190	11.6
3	OFF	ON	ON	1000	9.6
2	OFF	ON	OFF	800	7.6
1	OFF	OFF	ON	600	5.9