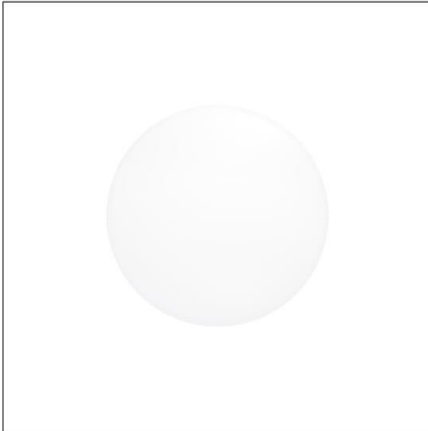


## Photometric test report

Family  
Rondel 41

Order number: 51WD107AG1A  
EAN: 4058352520949

LP number  
59296\_6



**Version** enclosure of PMMA, opal, adjustable color temperature: 3000 K | 4000 K, extremely wide distribution

**Lamps** LED 3000 K | CRI ≥ 80

**Controlgear** ECG Multilumen

**Setting** individual position: colour temperature 3000K

**Rated values** Net luminous flux = 1350 lm  
Power consumption = 13.0 W  
Luminous efficacy = 103.8 lm/W

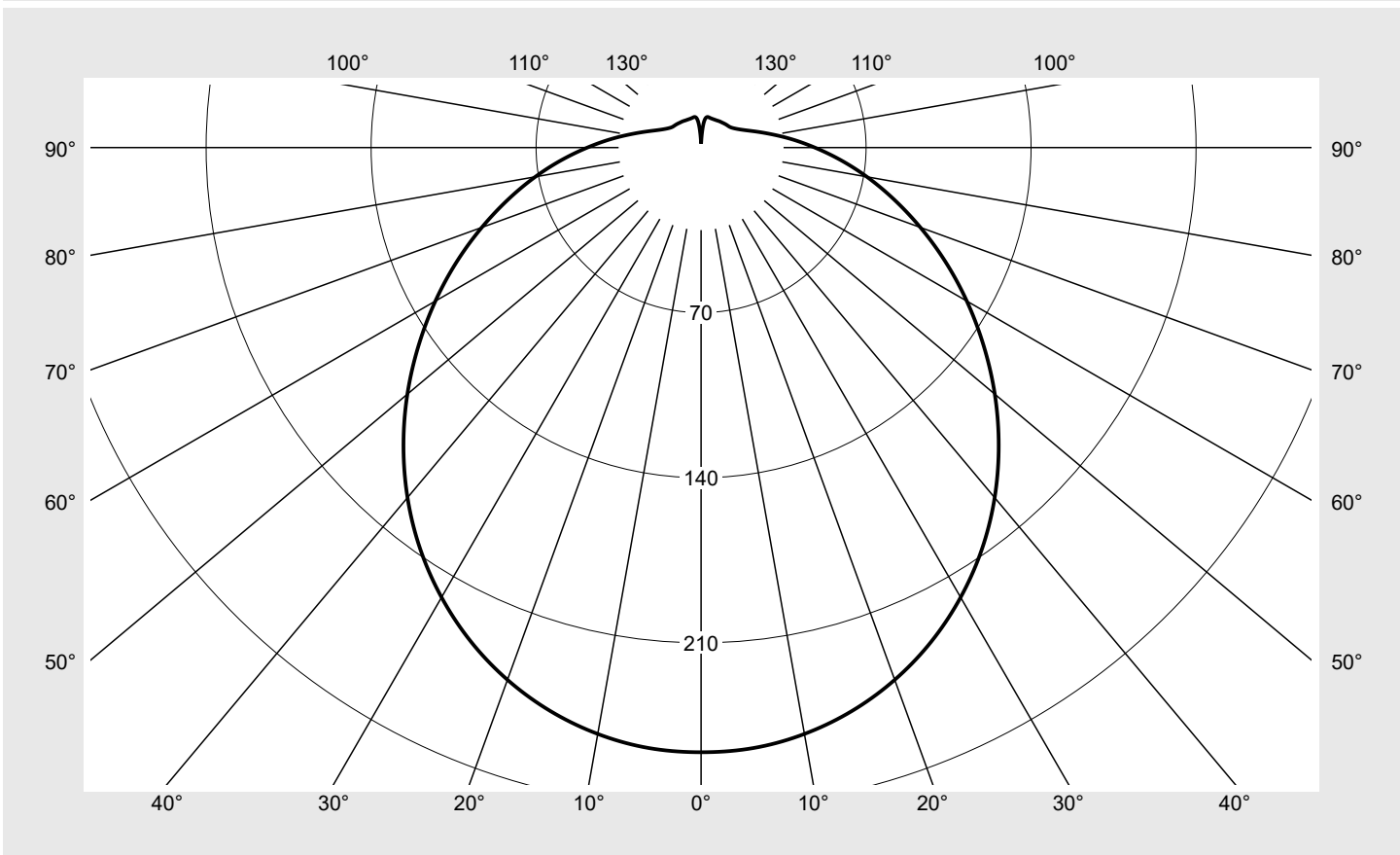
serial  
documentation  
19.08.2022

sitEco

Luminous intensity in cd/klm

C180-0

Imax: 256 cd/klm



#### Classifications

DIN 5040 B 3 1  
CIE N1=40 N2=69 N3=88  
N4=87 N5=100

#### Luminaire light output ratios

$\eta_{LB}$  100.0%  
 $\phi_u$  86.7%  
 $\phi_o$  13.3%

#### Measurement conditions

DIN EN 13032 and DIN 5032

## Photometric test report

Family <b>Rondel 41</b>	Order number: <b>51WD107AG1A</b> EAN: <b>4058352520949</b>	LP number <b>59296_6</b>
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<b>Table of values for luminous intensities</b>	<b>Maximum luminous intensity</b>	<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°	256.4	1.5	1.5
5°	255.6	12.2	13.7
10°	252.5	24.0	37.8
15°	247.3	35.1	72.9
20°	240.2	45.0	117.9
25°	231.1	53.5	171.4
30°	220.2	60.4	231.8
35°	207.8	65.3	297.1
40°	193.8	68.3	365.4
45°	178.6	69.2	434.6
50°	162.7	68.3	502.9
55°	146.3	65.7	568.6
60°	130.2	61.8	630.4
65°	114.3	56.8	687.2
70°	99.0	51.0	738.2
75°	84.6	44.8	783.0
80°	71.4	38.6	821.6
85°	59.2	32.3	853.9
90°	48.3	26.4	880.3
95°	39.1	21.3	901.7
100°	31.3	16.9	918.6
105°	25.5	13.5	932.1
110°	21.1	10.9	943.0
115°	18.2	9.0	952.0
120°	16.3	7.7	959.7
125°	15.1	6.8	966.5
130°	14.6	6.1	972.6
135°	14.2	5.5	978.1
140°	13.9	4.9	983.0
145°	13.6	4.3	987.3
150°	13.3	3.6	990.9
155°	13.1	3.0	994.0
160°	13.1	2.5	996.4
165°	13.2	1.9	998.3
170°	13.0	1.2	999.6
175°	9.1	0.4	1000.0
180°	1.7	0.0	1000.0

## Photometric test report

Family <b>Rondel 41</b>	Order number: <b>51WD107AG1A</b> EAN: <b>4058352520949</b>	LP number <b>59296_6</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	16.3	17.9	16.7	18.3	18.8	16.3	17.9	16.7	18.3	18.8
	3H	18.1	19.6	18.6	20.1	20.6	18.1	19.6	18.6	20.1	20.6
	4H	18.9	20.3	19.4	20.8	21.4	18.9	20.3	19.4	20.8	21.4
	6H	19.8	21.0	20.3	21.6	22.1	19.8	21.0	20.3	21.6	22.1
	8H	20.2	21.3	20.7	21.9	22.5	20.2	21.3	20.7	21.9	22.5
	12H	20.5	21.7	21.1	22.2	22.8	20.5	21.7	21.1	22.2	22.8
4H	2H	17.0	18.4	17.5	18.9	19.4	17.0	18.4	17.5	18.9	19.4
	3H	19.0	20.2	19.5	20.7	21.3	19.0	20.2	19.5	20.7	21.3
	4H	20.0	21.1	20.6	21.6	22.3	20.0	21.1	20.6	21.6	22.3
	6H	21.0	21.9	21.6	22.5	23.2	21.0	21.9	21.6	22.5	23.2
	8H	21.5	22.3	22.1	22.9	23.6	21.5	22.3	22.1	22.9	23.6
	12H	21.9	22.7	22.5	23.3	24.0	21.9	22.7	22.5	23.3	24.0
8H	4H	20.4	21.3	21.0	21.9	22.6	20.4	21.3	21.0	21.9	22.6
	6H	21.6	22.3	22.2	23.0	23.7	21.6	22.3	22.2	23.0	23.7
	8H	22.2	22.9	22.8	23.5	24.2	22.2	22.9	22.8	23.5	24.2
	12H	22.8	23.4	23.5	24.0	24.8	22.8	23.4	23.5	24.0	24.8
12H	4H	20.5	21.3	21.1	21.9	22.6	20.5	21.3	21.1	21.9	22.6
	6H	21.8	22.4	22.4	23.0	23.8	21.8	22.4	22.4	23.0	23.8
	8H	22.4	23.0	23.1	23.7	24.4	22.4	23.0	23.1	23.7	24.4

<b>Luminance table</b>	<b>Max. for <math>\gamma \geq 65^\circ</math></b>	Photometric dimensions in mm: D = 280	H(C0) = 72 H(C90) = 72	H(C180) = 72 H(C270) = 72
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C-planes	0°
$\gamma$	Luminance in cd/m <sup>2</sup>
45°	4171.2
50°	3991.2
55°	3811.0
60°	3642.3
65°	3484.1
70°	3341.0
75°	3227.2
80°	3156.9
85°	3139.9

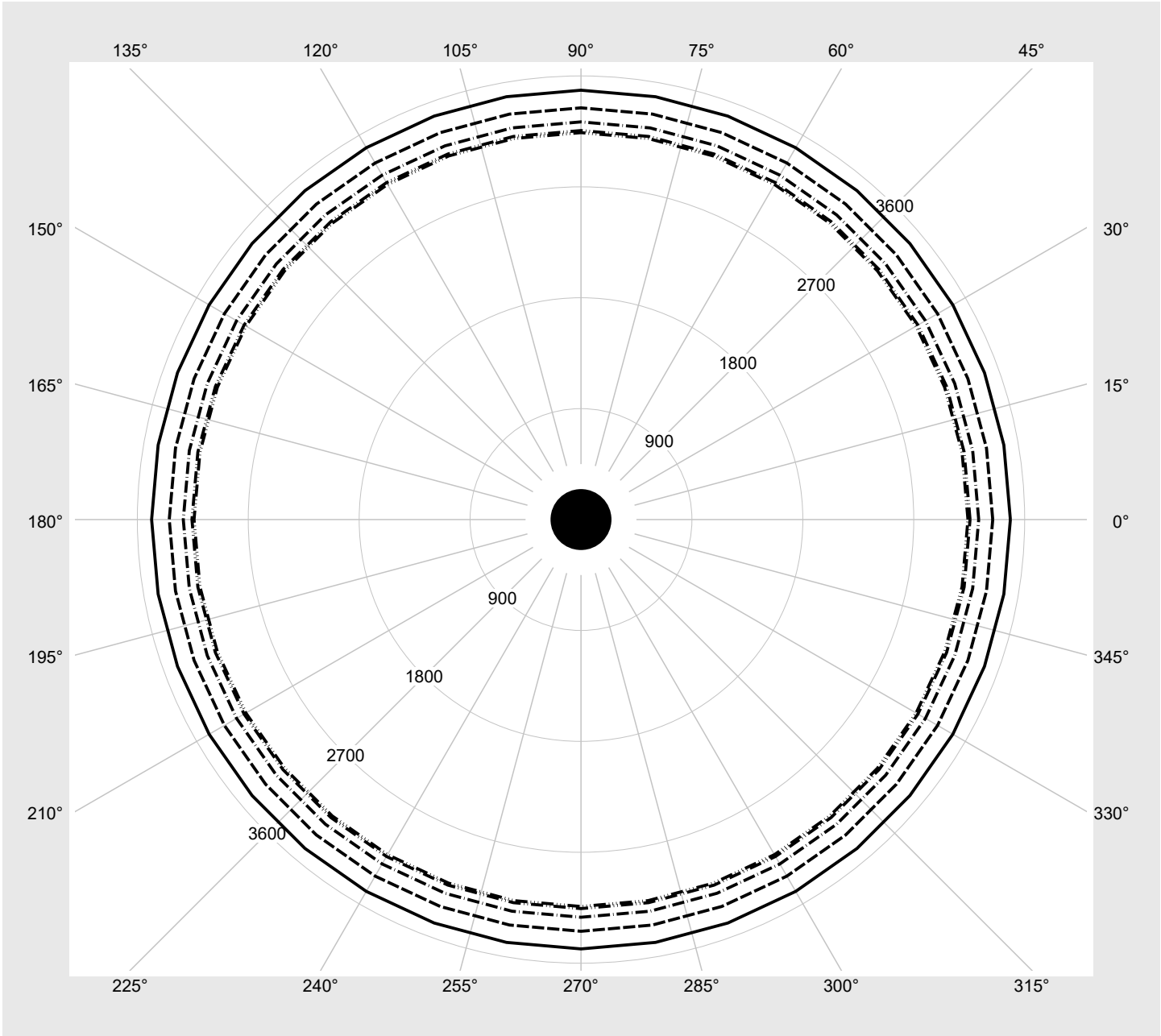
**Photometric test report**

<b>Family</b> <b>Rondel 41</b>	<b>Order number: 51WD107AG1A</b> <b>EAN: 4058352520949</b>	<b>LP number</b> <b>59296_6</b>
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**Luminance values in cd/m<sup>2</sup>**

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



**Photometric test report**

<b>Family</b> Rondel 41	<b>Order number: 51WD107AG1A</b> <b>EAN: 4058352520949</b>	<b>LP number</b> <b>59296_6</b>
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<b>Multilumen Table</b>	environmental temperature: 25°C	<b>siteco</b>
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DIP-Step	Switch Setting 1	Luminous flux [lm]	Power consumption [W]
1	HIGH	1350	13.0
0	LOW	950	9.0