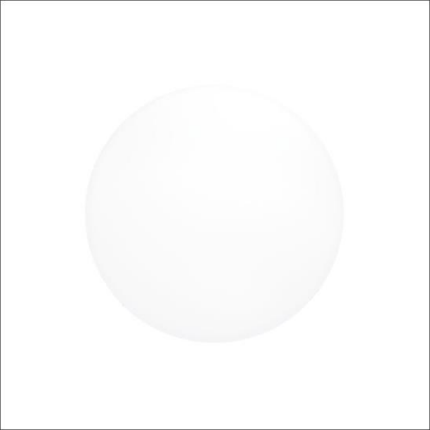
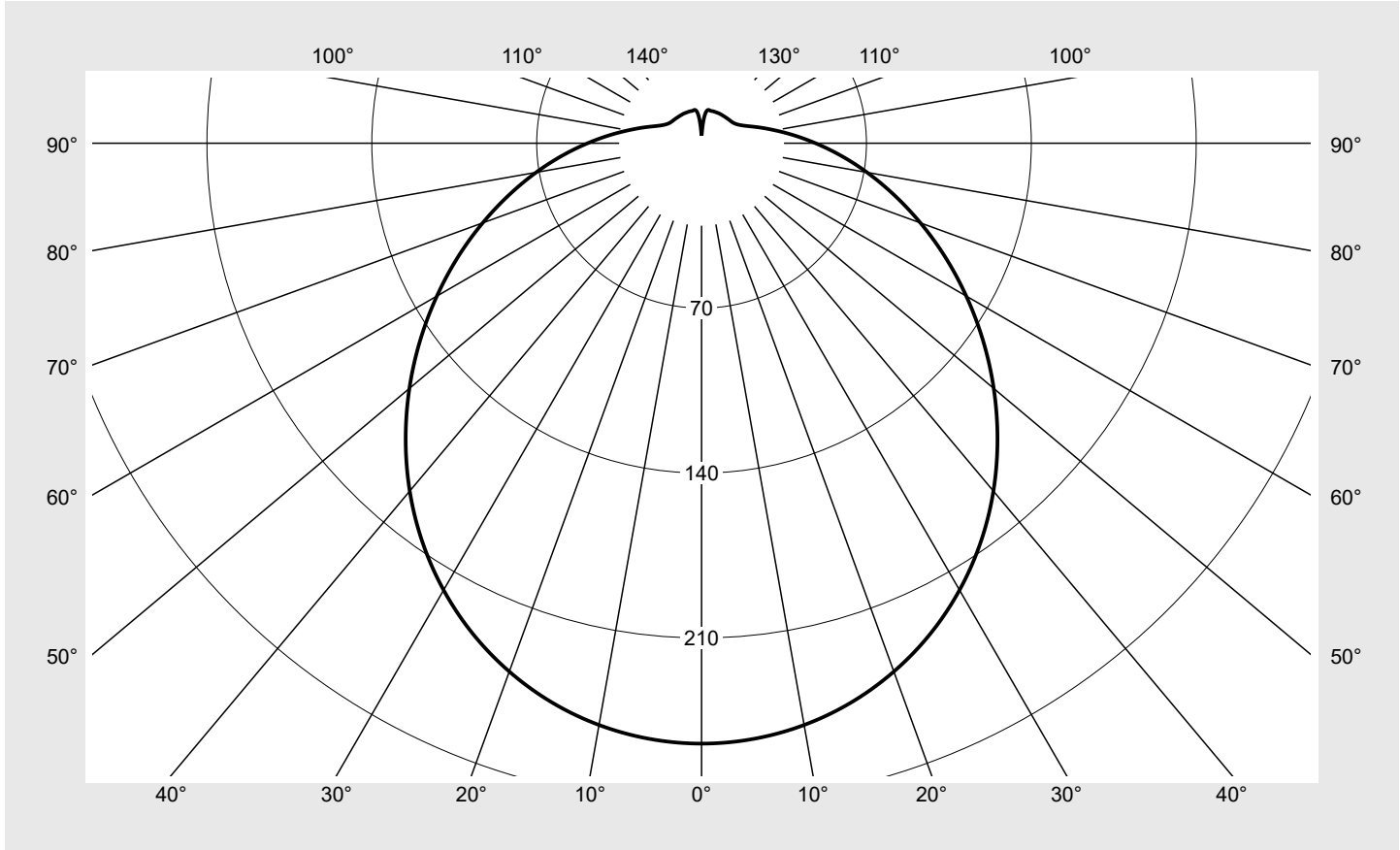


Photometric test report

Family Rondel 41	Order number: 51WD107BG2AS EAN: 4058352520970	LP number 59295_5
	Version enclosure of PMMA, opal, adjustable color temperature: 3000 K 4000 K, with presence- and daylightsensor, extremely wide distribution	serial documentation 19.08.2022
	Lamps LED 3000 K CRI ≥ 80	Controlgear ECG Multilumen Setting individual position: colour temperature 3000K Rated values Net luminous flux = 2300 lm Power consumption = 22.0 W Luminous efficacy = 104.5 lm/W
Controlgear ECG Multilumen		
Setting individual position: colour temperature 3000K		



Luminous intensity in cd/klm C180-0 **Imax: 255 cd/klm**



Classifications	
DIN 5040	B 3 1
CIE	N1=40 N2=69 N3=88 N4=86 N5=100

Luminaire light output ratios	
η_{LB}	100.0%
ϕ_u	86.4%
ϕ_o	13.6%

Measurement conditions
 DIN EN 13032 and DIN 5032

Photometric test report

Family Rondel 41	Order number: 51WD107BG2AS EAN: 4058352520970	LP number 59295_5
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siteco

Table of values for luminous intensities	Maximum luminous intensity
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C-planes	0°	Phi-zone	Total Phi-zone
γ	Luminous intensity in cd/klm	Luminous flux in lm/klm	
0°	254.9	1.5	1.5
5°	253.8	12.1	13.6
10°	250.8	23.9	37.5
15°	245.7	34.9	72.4
20°	238.7	44.7	117.1
25°	229.8	53.2	170.4
30°	219.0	60.0	230.4
35°	206.7	65.0	295.4
40°	192.8	67.9	363.3
45°	177.7	68.9	432.1
50°	161.9	68.0	500.1
55°	145.8	65.5	565.6
60°	129.8	61.6	627.2
65°	114.1	56.7	683.9
70°	98.9	50.9	734.8
75°	84.5	44.8	779.6
80°	71.3	38.5	818.1
85°	59.2	32.3	850.4
90°	48.4	26.5	876.9
95°	39.2	21.4	898.3
100°	31.6	17.1	915.4
105°	25.7	13.6	929.0
110°	21.2	10.9	939.9
115°	18.2	9.0	948.9
120°	16.5	7.9	956.8
125°	15.7	7.1	963.9
130°	15.4	6.5	970.3
135°	15.1	5.9	976.2
140°	14.9	5.2	981.4
145°	14.7	4.6	986.0
150°	14.7	4.0	990.1
155°	14.5	3.4	993.4
160°	14.4	2.7	996.1
165°	14.3	2.0	998.2
170°	14.2	1.4	999.5
175°	10.0	0.5	1000.0
180°	3.2	0.0	1000.0

Photometric test report

Family Rondel 41	Order number: 51WD107BG2AS EAN: 4058352520970	LP number 59295_5
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UGR-Table	Standard room	siteco
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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	17.1	18.7	17.5	19.1	19.6	17.1	18.7	17.5	19.1	19.6
	3H	19.0	20.4	19.4	20.9	21.4	19.0	20.4	19.4	20.9	21.4
	4H	19.8	21.1	20.3	21.6	22.2	19.8	21.1	20.3	21.6	22.2
	6H	20.6	21.9	21.2	22.4	23.0	20.6	21.9	21.2	22.4	23.0
	8H	21.0	22.2	21.6	22.8	23.4	21.0	22.2	21.6	22.8	23.4
	12H	21.4	22.5	22.0	23.1	23.7	21.4	22.5	22.0	23.1	23.7
4H	2H	17.8	19.2	18.3	19.7	20.2	17.8	19.2	18.3	19.7	20.2
	3H	19.8	21.0	20.4	21.6	22.2	19.8	21.0	20.4	21.6	22.2
	4H	20.9	21.9	21.4	22.5	23.1	20.9	21.9	21.4	22.5	23.1
	6H	21.9	22.8	22.5	23.4	24.1	21.9	22.8	22.5	23.4	24.1
	8H	22.3	23.2	22.9	23.8	24.5	22.3	23.2	22.9	23.8	24.5
	12H	22.8	23.6	23.4	24.2	24.9	22.8	23.6	23.4	24.2	24.9
8H	4H	21.3	22.1	21.9	22.8	23.4	21.3	22.1	21.9	22.8	23.4
	6H	22.5	23.2	23.1	23.8	24.6	22.5	23.2	23.1	23.8	24.6
	8H	23.1	23.8	23.7	24.4	25.1	23.1	23.8	23.7	24.4	25.1
	12H	23.7	24.3	24.4	25.0	25.7	23.7	24.3	24.4	25.0	25.7
12H	4H	21.3	22.1	22.0	22.8	23.5	21.3	22.1	22.0	22.8	23.5
	6H	22.6	23.3	23.3	23.9	24.7	22.6	23.3	23.3	23.9	24.7
	8H	23.3	23.9	24.0	24.5	25.3	23.3	23.9	24.0	24.5	25.3

Luminance table	Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm: D = 330	H(C0) = 76 H(C90) = 76	H(C180) = 76 H(C270) = 76
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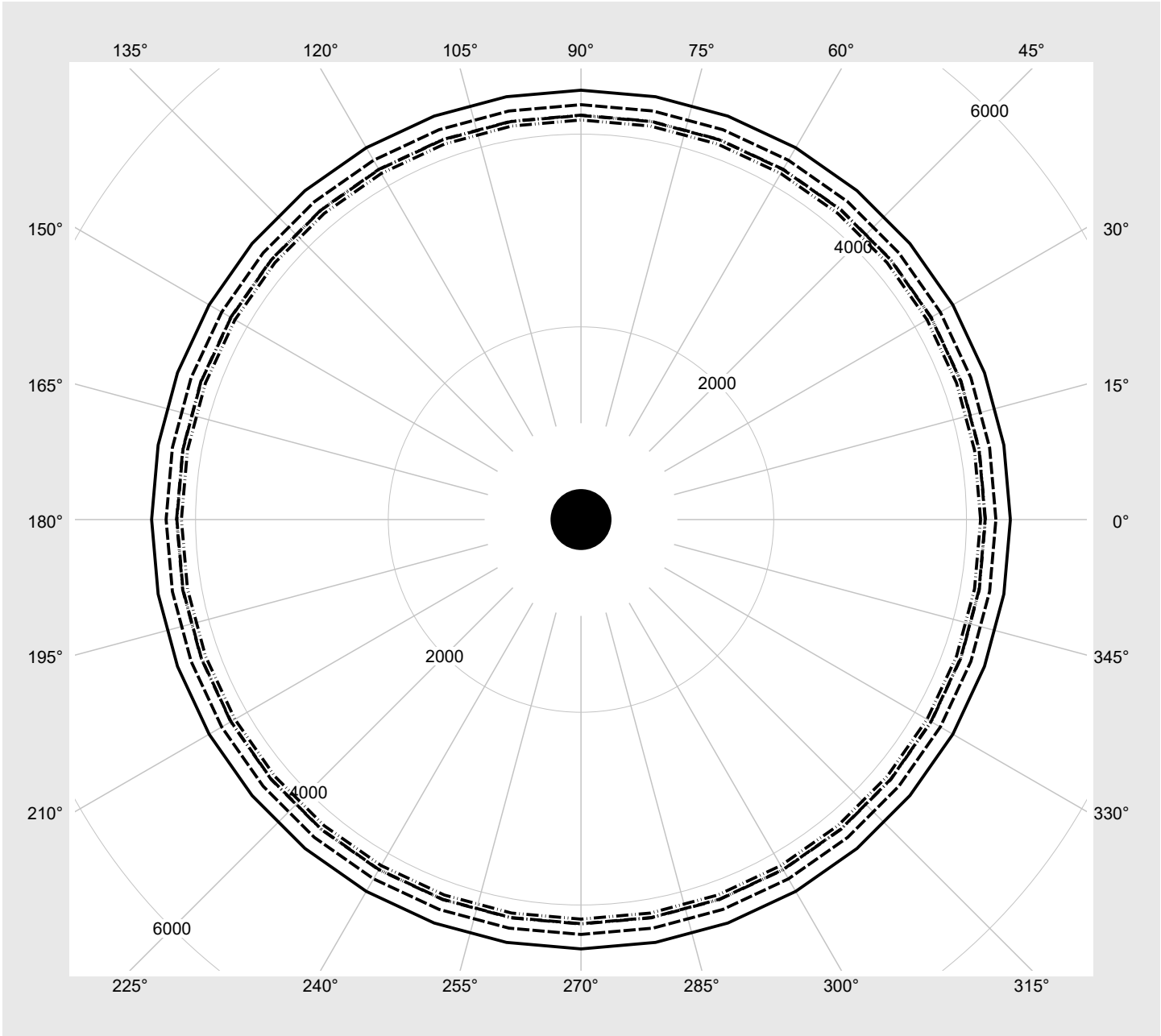
C-planes	0°
γ	Luminance in cd/m ²
45°	5224.8
50°	5020.2
55°	4819.5
60°	4628.1
65°	4456.1
70°	4305.8
75°	4194.2
80°	4147.1
85°	4197.3

Photometric test report

Family Rondel 41	Order number: 51WD107BG2AS EAN: 4058352520970	LP number 59295_5
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Luminance values in cd/m² γ 65° γ 70° γ 75° γ 80° γ 85°



Photometric test report

Family Rondel 41	Order number: 51WD107BG2AS EAN: 4058352520970	LP number 59295_5
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Multilumen Table	environmental temperature: 25°C	sITeco
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DIP-Step	Switch Setting 1	Luminous flux [lm]	Power consumption [W]
1	HIGH	2300	22.0
0	LOW	1750	17.0