

Photometric test report

Family
Rondel 21

Order number: 51WB14MC82B
EAN: 4069025719614

LP number
60045_7

serial
documentation
27.04.2026

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Version surface-mounted luminaire, cover opal, polycarbonate, diffuse beam, adjustable color temperature: 3000 K | 4000 K

Lamps LED 4000 K | CRI ≥ 80

Controlgear ECG Multilumen

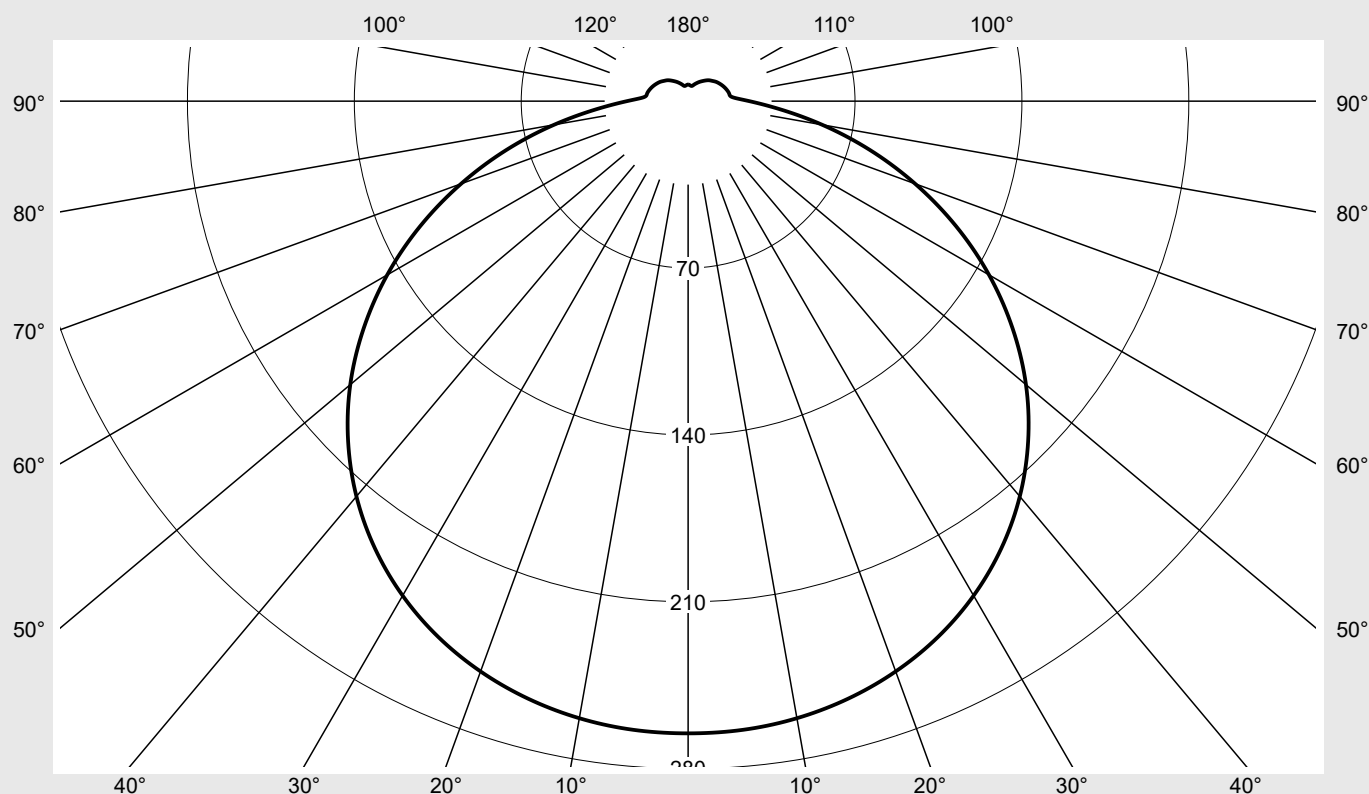
Setting DC mode (central or group accumulator) initial emergency light level

Rated values Net luminous flux = 260 lm
Power consumption = 2.5 W
Luminous efficacy = 104 lm/W

Luminous intensity in cd/klm

C180-0

Imax: 265 cd/klm



Classifications

DIN 5040 A 3 1
CIE N1=42 N2=73 N3=92
N4=91 N5=100

Luminaire light output ratios

η_{LB} 100.0%
 ϕ_u 90.9%
 ϕ_o 9.1%

Measurement conditions

DIN EN 13032 and DIN 5032

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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°	265.2	1.6	1.6
5°	264.7	12.6	14.2
10°	262.8	25.0	39.2
15°	259.4	36.8	76.1
20°	254.5	47.7	123.8
25°	248.0	57.4	181.2
30°	239.5	65.6	246.8
35°	229.0	72.0	318.8
40°	216.4	76.3	395.1
45°	201.7	78.2	473.3
50°	185.0	77.7	550.9
55°	166.1	74.6	625.5
60°	145.7	69.2	694.7
65°	123.9	61.6	756.3
70°	101.4	52.2	808.5
75°	78.8	41.7	850.2
80°	57.1	30.8	881.1
85°	38.5	21.0	902.1
90°	25.7	14.1	916.2
95°	18.7	10.2	926.4
100°	17.5	9.5	935.9
105°	17.1	9.0	944.9
110°	16.4	8.5	953.4
115°	15.7	7.8	961.2
120°	15.0	7.1	968.3
125°	14.2	6.4	974.7
130°	13.2	5.6	980.2
135°	12.4	4.8	985.0
140°	11.3	4.0	989.0
145°	10.2	3.2	992.2
150°	9.3	2.5	994.7
155°	8.3	1.9	996.7
160°	7.4	1.4	998.1
165°	6.7	0.9	999.0
170°	6.6	0.6	999.6
175°	6.8	0.3	1000.0
180°	7.0	0.0	1000.0

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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	12.1	13.9	12.5	14.2	14.5	12.1	13.9	12.5	14.2	14.5
	3H	14.0	15.6	14.4	15.9	16.3	14.0	15.6	14.4	15.9	16.3
	4H	14.8	16.3	15.2	16.7	17.1	14.8	16.3	15.2	16.7	17.1
	6H	15.6	17.0	16.0	17.3	17.7	15.6	17.0	16.0	17.3	17.7
	8H	15.9	17.2	16.3	17.6	18.0	15.9	17.2	16.3	17.6	18.0
	12H	16.2	17.5	16.6	17.9	18.3	16.2	17.5	16.6	17.9	18.3
4H	2H	13.0	14.5	13.4	14.8	15.2	13.0	14.5	13.4	14.8	15.2
	3H	15.0	16.3	15.4	16.7	17.1	15.0	16.3	15.4	16.7	17.1
	4H	16.0	17.2	16.4	17.6	18.0	16.0	17.2	16.4	17.6	18.0
	6H	16.9	17.9	17.3	18.3	18.8	16.9	17.9	17.3	18.3	18.8
	8H	17.3	18.2	17.7	18.7	19.1	17.3	18.2	17.7	18.7	19.1
	12H	17.7	18.5	18.1	19.0	19.5	17.7	18.5	18.1	19.0	19.5
8H	4H	16.4	17.4	16.9	17.8	18.3	16.4	17.4	16.9	17.8	18.3
	6H	17.5	18.3	18.0	18.8	19.3	17.5	18.3	18.0	18.8	19.3
	8H	18.0	18.7	18.5	19.2	19.7	18.0	18.7	18.5	19.2	19.7
	12H	18.5	19.1	19.0	19.6	20.2	18.5	19.1	19.0	19.6	20.2
12H	4H	16.5	17.4	17.0	17.9	18.3	16.5	17.4	17.0	17.9	18.3
	6H	17.7	18.4	18.1	18.8	19.4	17.7	18.4	18.1	18.8	19.4
	8H	18.2	18.8	18.7	19.3	19.9	18.2	18.8	18.7	19.3	19.9

Luminance table		Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	D = 306	H(C0) = 15 H(C90) = 15	H(C180) = 15 H(C270) = 15
C- planes		0°				
γ	Luminance in cd/m²					
45°	949.2					
50°	947.0					
55°	940.2					
60°	929.9					
65°	914.5					
70°	894.3					
75°	872.9					
80°	859.1					
85°	912.2					

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

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