

Photometric test report

Family
Rondel 31

Order number: 5PJDN11EC1G40B
EAN: 4069025155887

LP number
59497_25

serial
documentation
23.06.2026



Version surface-mounted luminaire, diffuser, cambered, opal, PMMA, extremely wide distribution, adjustable color temperature: 3000 K | 4000 K

Lamps LED 3000 K | CRI ≥ 80

Controlgear ECG-DALI-Multilumen

Setting individual position: DIP-Step=7, colour temperature 3000K

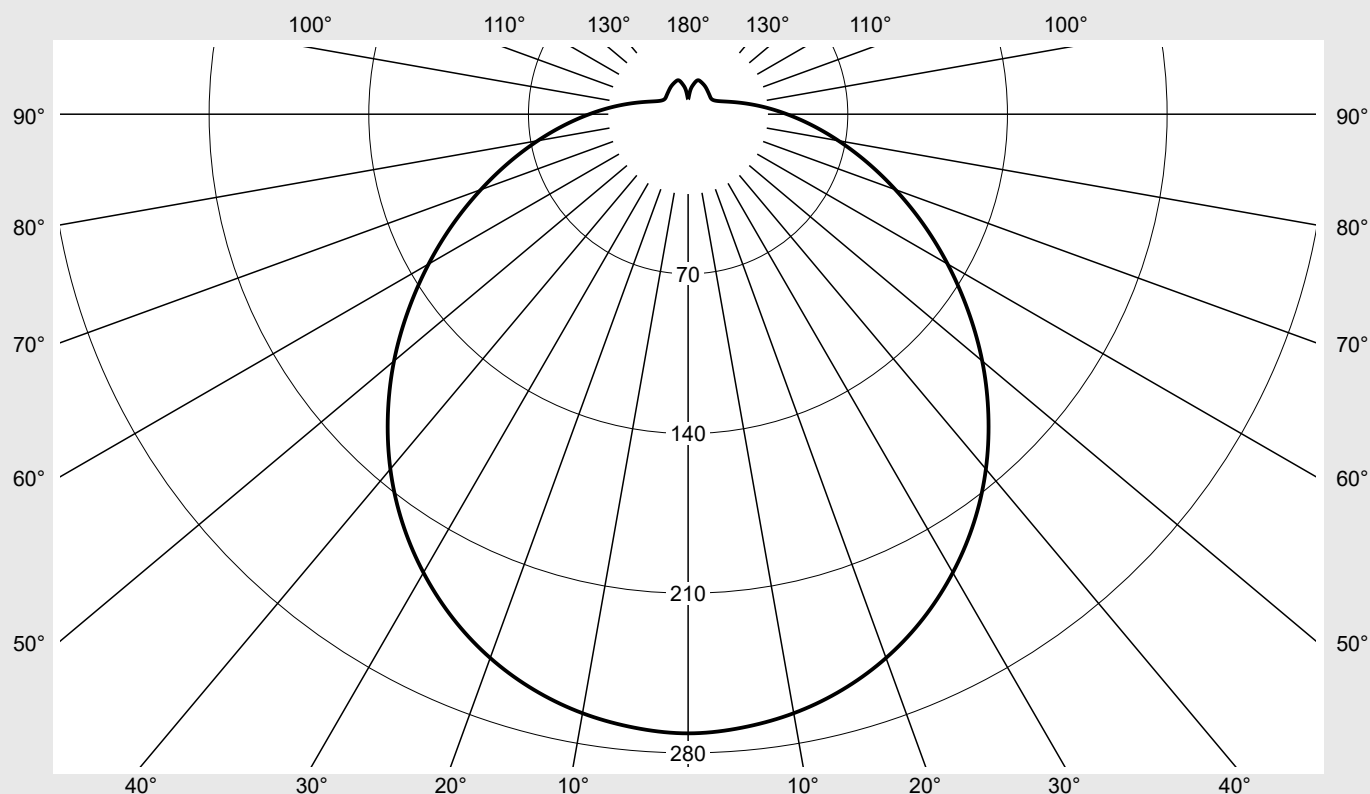
Rated values Net luminous flux = 4700 lm
Power consumption = 39.0 W
Luminous efficacy = 120.5 lm/W

siteco

Luminous intensity in cd/klm

C180-0

Imax: 271 cd/klm



Classifications

DIN 5040 B 3 1
CIE N1=42 N2=71 N3=89
N4=88 N5=100

Luminaire light output ratios

η_{LB} 100.0%
 ϕ_u 88.4%
 ϕ_o 11.6%

Measurement conditions

DIN EN 13032 and DIN 5032

Photometric test report

Family Rondel 31	Order number: 5PJDN11EC1G40B EAN: 4069025155887	LP number 59497_25
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°	271.4	1.6	1.6
5°	270.0	12.9	14.5
10°	266.7	25.4	39.9
15°	261.2	37.1	77.0
20°	253.7	47.6	124.5
25°	243.9	56.5	181.0
30°	232.1	63.6	244.6
35°	218.5	68.7	313.3
40°	203.1	71.6	384.9
45°	186.2	72.2	457.0
50°	168.3	70.7	527.7
55°	149.7	67.2	594.9
60°	131.4	62.4	657.3
65°	113.6	56.5	713.7
70°	96.7	49.8	763.5
75°	81.1	42.9	806.5
80°	66.9	36.1	842.6
85°	54.3	29.7	872.3
90°	43.3	23.8	896.0
95°	34.1	18.6	914.6
100°	26.4	14.3	928.9
105°	20.6	10.9	939.8
110°	16.4	8.4	948.2
115°	13.8	6.9	955.1
120°	12.5	6.0	961.0
125°	12.2	5.5	966.5
130°	12.4	5.2	971.7
135°	12.8	5.0	976.7
140°	13.3	4.7	981.4
145°	13.9	4.4	985.7
150°	14.4	4.0	989.7
155°	14.9	3.5	993.2
160°	15.4	2.9	996.0
165°	15.3	2.2	998.2
170°	13.2	1.3	999.5
175°	10.3	0.5	1000.0
180°	6.6	0.0	1000.0

Photometric test report

Family Rondel 31			Order number: 5PJDN11EC1G40B EAN: 4069025155887							LP number 59497_25	
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	17.8	19.5	18.3	19.9	20.4	17.8	19.5	18.3	19.9	20.4
	3H	19.7	21.2	20.2	21.6	22.1	19.7	21.2	20.2	21.6	22.1
	4H	20.5	21.9	21.0	22.4	22.9	20.5	21.9	21.0	22.4	22.9
	6H	21.4	22.7	21.9	23.2	23.7	21.4	22.7	21.9	23.2	23.7
	8H	21.8	23.0	22.4	23.5	24.1	21.8	23.0	22.4	23.5	24.1
	12H	22.2	23.4	22.8	23.9	24.5	22.2	23.4	22.8	23.9	24.5
4H	2H	18.6	20.0	19.1	20.4	21.0	18.6	20.0	19.1	20.4	21.0
	3H	20.6	21.8	21.1	22.3	22.9	20.6	21.8	21.1	22.3	22.9
	4H	21.6	22.7	22.2	23.3	23.9	21.6	22.7	22.2	23.3	23.9
	6H	22.7	23.6	23.2	24.2	24.8	22.7	23.6	23.2	24.2	24.8
	8H	23.2	24.0	23.7	24.6	25.3	23.2	24.0	23.7	24.6	25.3
	12H	23.7	24.4	24.3	25.0	25.7	23.7	24.4	24.3	25.0	25.7
8H	4H	22.1	22.9	22.7	23.5	24.2	22.1	22.9	22.7	23.5	24.2
	6H	23.3	24.0	23.9	24.6	25.3	23.3	24.0	23.9	24.6	25.3
	8H	23.9	24.6	24.5	25.2	25.9	23.9	24.6	24.5	25.2	25.9
	12H	24.6	25.1	25.2	25.8	26.5	24.6	25.1	25.2	25.8	26.5
12H	4H	22.2	22.9	22.8	23.5	24.2	22.2	22.9	22.8	23.5	24.2
	6H	23.5	24.1	24.1	24.7	25.4	23.5	24.1	24.1	24.7	25.4
	8H	24.2	24.7	24.8	25.4	26.1	24.2	24.7	24.8	25.4	26.1

Luminance table		Max. for $\gamma \geq 65^\circ$	Photometric dimensions in mm:	D = 464	H(C0) = 60 H(C90) = 60	H(C180) = 60 H(C270) = 60
C- planes		0°				
γ	Luminance in cd/m²					
45°	6282.9					
50°	6084.6					
55°	5873.9					
60°	5682.3					
65°	5523.4					
70°	5411.0					
75°	5395.1					
80°	5538.6					
85°	6009.9					

Photometric test report

Family
Rondel 31

Order number: 5PJDN11EC1G40B
EAN: 4069025155887

LP number
59497_25

Luminance values in cd/m²

γ 65°

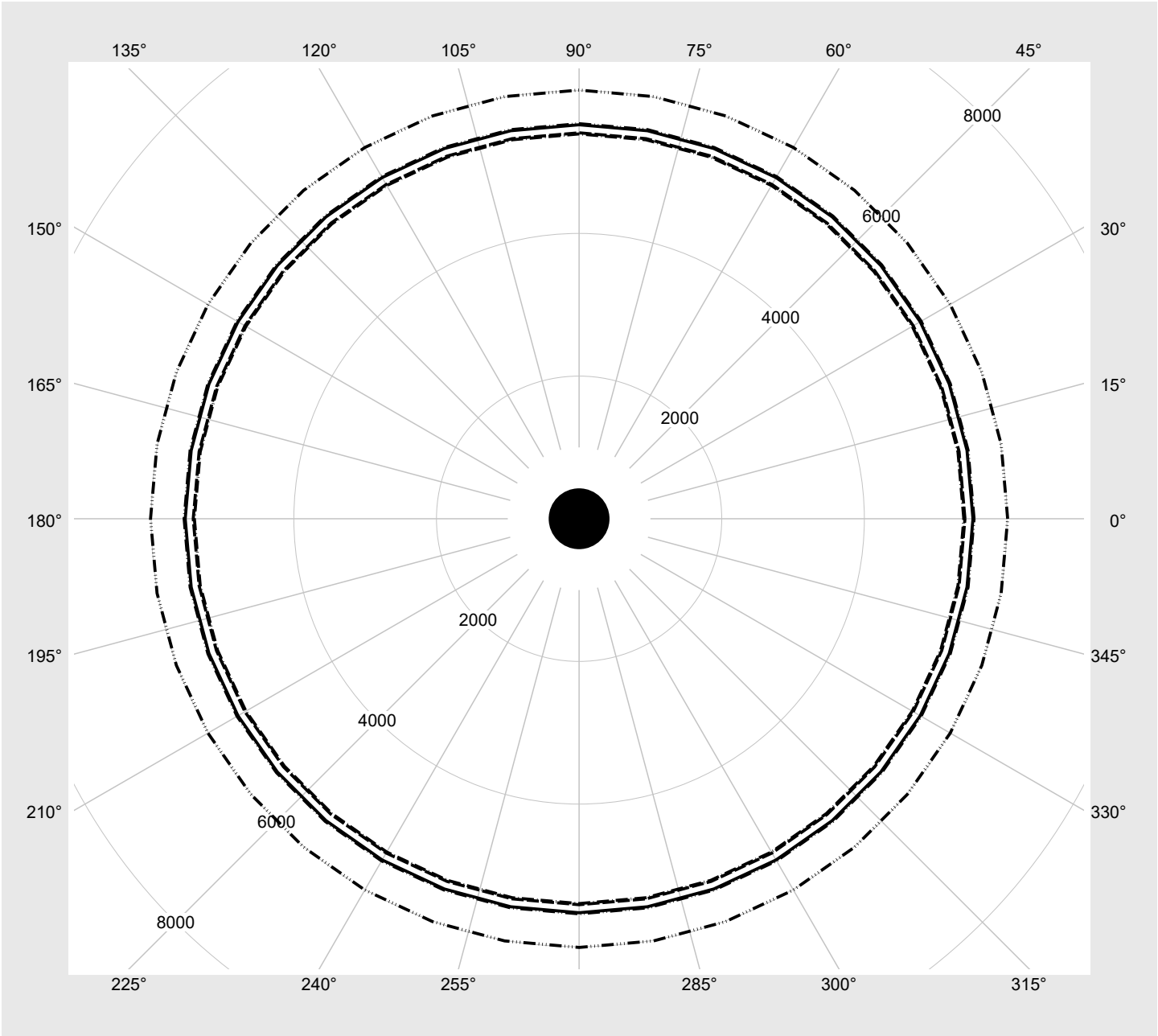
γ 70°

γ 75°

γ 80°

γ 85°

siteco



Photometric test report

Family Rondel 31	Order number: 5PJDN11EC1G40B EAN: 4069025155887	LP number 59497_25
Multilumen Table	environmental temperature: 25°C	siteco

DIP-Step	Switch Setting			Luminous flux [lm]	Power consumption [W]
	1	2	3		
7	ON	ON	ON	4700	39.0
6	OFF	ON	ON	4500	37.0
5	ON	OFF	ON	4300	35.0
4	OFF	OFF	ON	4000	33.0
3	ON	ON	OFF	3800	31.0
2	OFF	ON	OFF	3600	29.0
1	ON	OFF	OFF	3400	27.0
0	OFF	OFF	OFF	3200	25.0