

Lichttechnischer Prüfbefund

Familie
RONDEL flat

Bestell-Nr.: OMD5307L1840 + OMD5303B
EAN: 4052899987500 + 4052899987609

LP-Nummer
57693_2



Ausführung Abdeckung opal, PC, Linse Raum, Antipanik
Bestückung 1 x LED 4000K / CRI ≥ 80
 (unbekannt LED 4000K / CRI = 80)
Betriebsgerät EVG
Einstellung Notlichtbetrieb: 3 h
Bemessungswerte Nettolichtstrom = 130 lm
 Systemleistung = 1.0 W
 Lichtausbeute = 130 lm/W

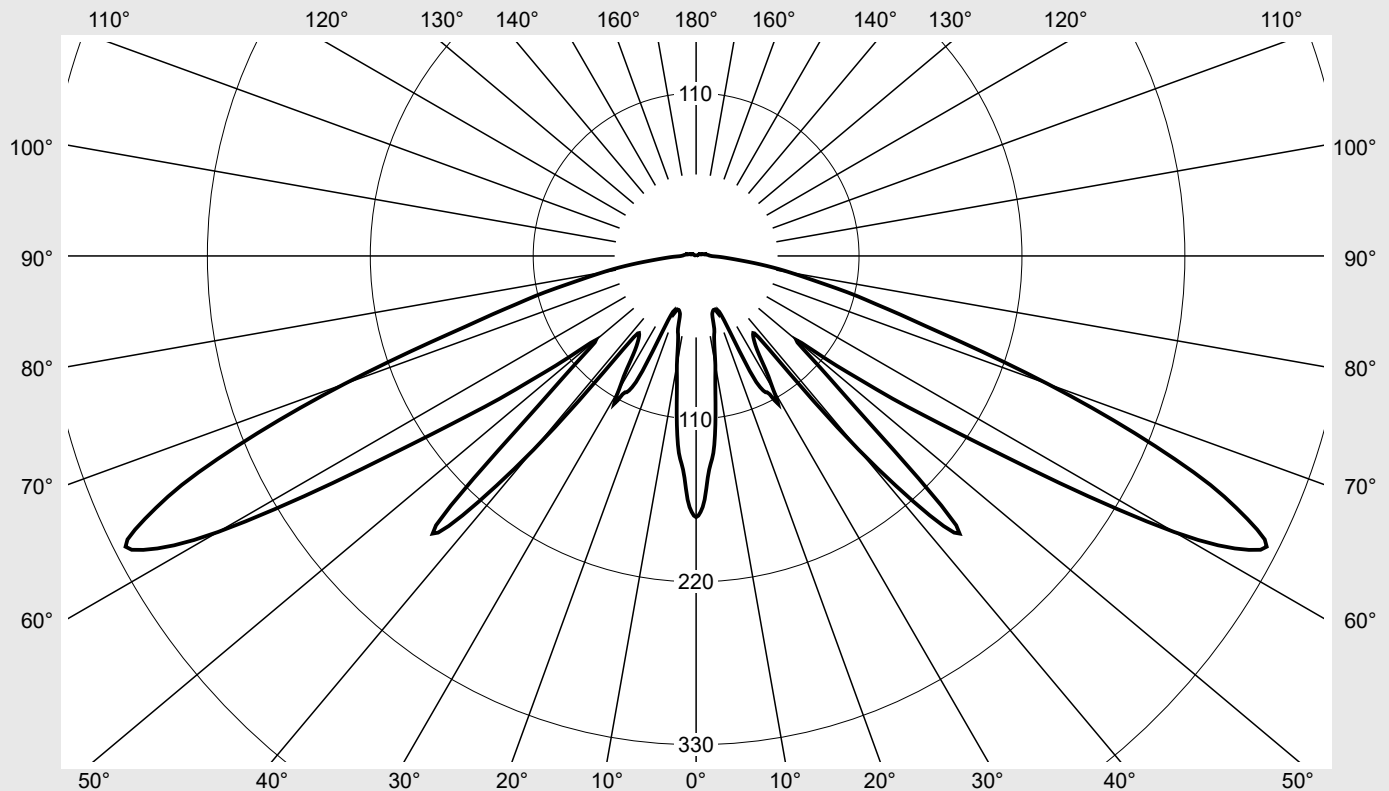
Seriendokumentation
21.08.2017

siteco

Lichtstärke in cd/klm

C180-0

Imax: 432 cd/klm



Klassifizierungen

DIN 5040 A 1 1
 CIE N1=14 N2=44 N3=92
 N4=98 N5=100

Leuchtenbetriebswirkungsgrade

η_{LB} 100,0%
 ϕ_u 98,3%
 ϕ_o 1,7%

Messbedingungen

DIN EN 13032 und DIN 5032

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Wertetabelle Lichtstärkemessung	Maximale Lichtstärke	siteco
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C-Ebenen	0°	Phi-Zone	Summe Phi-Zone
γ	Lichtstärke in cd/klm	Lichtstrom in lm/klm	
0°	176.4	0.0	0.0
1°	172.9	0.3	0.4
2°	164.7	0.6	1.0
3°	150.0	0.9	1.9
4°	140.7	1.1	2.9
5°	133.5	1.3	4.2
6°	121.7	1.4	5.6
7°	107.6	1.4	7.0
8°	93.5	1.4	8.5
9°	82.8	1.4	9.9
10°	74.9	1.4	11.3
11°	65.6	1.4	12.7
12°	58.7	1.3	14.0
13°	54.2	1.3	15.4
14°	50.7	1.3	16.7
15°	42.7	1.2	17.9
16°	39.9	1.2	19.1
17°	38.9	1.2	20.4
18°	38.3	1.3	21.7
19°	38.3	1.4	23.0
20°	38.9	1.5	24.5
21°	41.6	1.6	26.1
22°	40.0	1.6	27.8
23°	43.2	1.9	29.6
24°	55.9	2.5	32.1
25°	85.7	4.0	36.1
26°	98.6	4.7	40.8
27°	103.3	5.1	46.0
28°	105.8	5.4	51.4
29°	114.1	6.1	57.5
30°	104.0	5.7	63.2
31°	94.9	5.4	68.6
32°	84.0	4.9	73.4
33°	75.6	4.5	77.9
34°	70.8	4.3	82.3
35°	67.5	4.2	86.5
36°	65.4	4.2	90.7
37°	65.5	4.3	95.1
38°	79.8	5.4	100.4
39°	125.7	8.7	109.1
40°	170.9	12.0	121.2
41°	205.6	14.8	136.0
42°	235.7	17.3	153.3
43°	255.4	19.1	172.4
44°	252.8	19.3	191.6
45°	212.5	16.5	208.1
46°	164.6	13.0	221.1

C-Ebenen	0°	Phi-Zone	Summe Phi-Zone
γ	Lichtstärke in cd/klm	Lichtstrom in lm/klm	
47°	133.9	10.7	231.8
48°	113.2	9.2	241.0
49°	95.9	7.9	249.0
50°	88.3	7.4	256.4
51°	100.4	8.6	264.9
52°	120.3	10.4	275.3
53°	139.4	12.2	287.5
54°	163.9	14.5	302.1
55°	187.3	16.8	318.9
56°	214.9	19.5	338.5
57°	248.1	22.8	361.3
58°	289.2	26.9	388.2
59°	332.0	31.2	419.4
60°	372.8	35.4	454.8
61°	403.0	38.7	493.4
62°	422.7	40.9	534.4
63°	432.4	42.2	576.6
64°	421.5	41.5	618.2
65°	402.4	40.0	658.1
66°	380.2	38.1	696.2
67°	351.2	35.5	731.7
68°	319.4	32.5	764.2
69°	286.4	29.3	793.5
70°	252.8	26.1	819.5
71°	219.4	22.8	842.3
72°	188.6	19.7	862.0
73°	162.3	17.0	879.0
74°	143.1	15.1	894.1
75°	125.7	13.3	907.4
76°	112.1	11.9	919.3
77°	97.6	10.4	929.7
78°	84.1	9.0	938.8
79°	73.6	7.9	946.7
80°	64.6	7.0	953.7
81°	56.4	6.1	959.8
82°	47.9	5.2	965.0
83°	39.7	4.3	969.3
84°	32.1	3.5	972.8
85°	26.3	2.9	975.7
86°	21.8	2.4	978.0
87°	18.3	2.0	980.1
88°	15.1	1.7	981.7
89°	11.6	1.3	983.0
90°	10.2	1.1	984.1
91°	9.5	1.0	985.1
92°	8.9	1.0	986.1

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C-Ebenen	0°	Phi-Zone	Summe Phi-Zone
γ	Lichtstärke in cd/klm	Lichtstrom in lm/klm	
93°	8.6	0.9	987.0
94°	8.4	0.9	988.0
95°	7.9	0.9	988.8
96°	7.6	0.8	989.7
97°	7.2	0.8	990.4
98°	6.8	0.7	991.2
99°	6.2	0.7	991.8
100°	5.7	0.6	992.5
101°	5.6	0.6	993.1
102°	5.5	0.6	993.7
103°	5.7	0.6	994.3
104°	5.0	0.5	994.8
105°	4.4	0.5	995.3
106°	3.9	0.4	995.7
107°	3.9	0.4	996.1
108°	3.9	0.4	996.5
109°	3.5	0.4	996.9
110°	3.2	0.3	997.2
111°	3.1	0.3	997.5
112°	3.0	0.3	997.8
113°	2.9	0.3	998.1
114°	2.9	0.3	998.4
115°	2.9	0.3	998.7
116°	2.9	0.3	999.0
117°	2.8	0.3	999.2
118°	2.8	0.3	999.5
119°	2.8	0.3	999.8
120°	2.8	0.3	1000.0
121°	0.0	0.0	1000.0
122°	0.0	0.0	1000.0
123°	0.0	0.0	1000.0
124°	0.0	0.0	1000.0
125°	0.0	0.0	1000.0
126°	0.0	0.0	1000.0
127°	0.0	0.0	1000.0
128°	0.0	0.0	1000.0
129°	0.0	0.0	1000.0
130°	0.0	0.0	1000.0
131°	0.0	0.0	1000.0
132°	0.0	0.0	1000.0
133°	0.0	0.0	1000.0
134°	0.0	0.0	1000.0
135°	0.0	0.0	1000.0
136°	0.0	0.0	1000.0
137°	0.0	0.0	1000.0
138°	0.0	0.0	1000.0
139°	0.0	0.0	1000.0

C-Ebenen	0°	Phi-Zone	Summe Phi-Zone
γ	Lichtstärke in cd/klm	Lichtstrom in lm/klm	
140°	0.0	0.0	1000.0
141°	0.0	0.0	1000.0
142°	0.0	0.0	1000.0
143°	0.0	0.0	1000.0
144°	0.0	0.0	1000.0
145°	0.0	0.0	1000.0
146°	0.0	0.0	1000.0
147°	0.0	0.0	1000.0
148°	0.0	0.0	1000.0
149°	0.0	0.0	1000.0
150°	0.0	0.0	1000.0
151°	0.0	0.0	1000.0
152°	0.0	0.0	1000.0
153°	0.0	0.0	1000.0
154°	0.0	0.0	1000.0
155°	0.0	0.0	1000.0
156°	0.0	0.0	1000.0
157°	0.0	0.0	1000.0
158°	0.0	0.0	1000.0
159°	0.0	0.0	1000.0
160°	0.0	0.0	1000.0
161°	0.0	0.0	1000.0
162°	0.0	0.0	1000.0
163°	0.0	0.0	1000.0
164°	0.0	0.0	1000.0
165°	0.0	0.0	1000.0
166°	0.0	0.0	1000.0
167°	0.0	0.0	1000.0
168°	0.0	0.0	1000.0
169°	0.0	0.0	1000.0
170°	0.0	0.0	1000.0
171°	0.0	0.0	1000.0
172°	0.0	0.0	1000.0
173°	0.0	0.0	1000.0
174°	0.0	0.0	1000.0
175°	0.0	0.0	1000.0
176°	0.0	0.0	1000.0
177°	0.0	0.0	1000.0
178°	0.0	0.0	1000.0
179°	0.0	0.0	1000.0
180°	0.0	0.0	1000.0

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UGR-Tabelle		Standardraum									
Raumabmessungen		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
x	y										
2H	2H	31,9	34,0	32,3	34,3	34,6	31,9	34,0	32,3	34,3	34,6
	3H	34,7	36,6	35,0	36,9	37,2	34,7	36,6	35,0	36,9	37,2
	4H	35,0	36,8	35,4	37,2	37,5	35,0	36,8	35,4	37,2	37,5
	6H	35,2	36,9	35,6	37,2	37,6	35,2	36,9	35,6	37,2	37,6
	8H	35,2	36,9	35,6	37,2	37,6	35,2	36,9	35,6	37,2	37,6
	12H	35,2	36,8	35,7	37,2	37,6	35,2	36,8	35,7	37,2	37,6
4H	2H	33,5	35,3	33,8	35,6	36,0	33,5	35,3	33,8	35,6	36,0
	3H	35,9	37,4	36,3	37,8	38,2	35,9	37,4	36,3	37,8	38,2
	4H	36,3	37,7	36,7	38,1	38,5	36,3	37,7	36,7	38,1	38,5
	6H	36,5	37,8	36,9	38,2	38,6	36,5	37,8	36,9	38,2	38,6
	8H	36,6	37,7	37,0	38,2	38,6	36,6	37,7	37,0	38,2	38,6
	12H	36,6	37,7	37,1	38,1	38,6	36,6	37,7	37,1	38,1	38,6
8H	4H	36,5	37,7	37,0	38,1	38,6	36,5	37,7	37,0	38,1	38,6
	6H	36,8	37,8	37,2	38,2	38,7	36,8	37,8	37,2	38,2	38,7
	8H	36,9	37,7	37,3	38,2	38,7	36,9	37,7	37,3	38,2	38,7
	12H	36,9	37,7	37,4	38,2	38,7	36,9	37,7	37,4	38,2	38,7
12H	4H	36,5	37,6	37,0	38,1	38,5	36,5	37,6	37,0	38,1	38,5
	6H	36,8	37,7	37,3	38,2	38,7	36,8	37,7	37,3	38,2	38,7
	8H	36,9	37,7	37,4	38,2	38,7	36,9	37,7	37,4	38,2	38,7

Leuchtdichten-Tabelle	Max. für $\gamma \geq 65^\circ$	Lichttechnische Abmessungen in mm: D = 19	H(C0) = 6 H(C90) = 6	H(C180) = 6 H(C270) = 6
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C-Ebenen	0°
γ	Leuchtdichte in cd/m ²
45°	98299.0
50°	42565.5
55°	95092.3
60°	201511.1
65°	234422.2
70°	161045.3
75°	89052.7
80°	52029.8
85°	24678.7

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Leuchtdichten in cd/m² γ 65° γ 70° γ 75° γ 80° γ 85° **siteco**

