

Lichttechnischer Prüfbefund

Familie
Lunis mini round

Bestell-Nr.: 51DF21B71HG22
EAN: 4058352178270

LP-Nummer
57566_37



Ausführung Reflektor hochglänzend, breit strahlend,
UGR \leq 19

Bestückung LED 4000K / CRI \geq 80

Betriebsgerät EVG

Bemessungswerte Nettolichtstrom = 1230 lm
Systemleistung = 10.7 W
Lichtausbeute = 115 lm/W

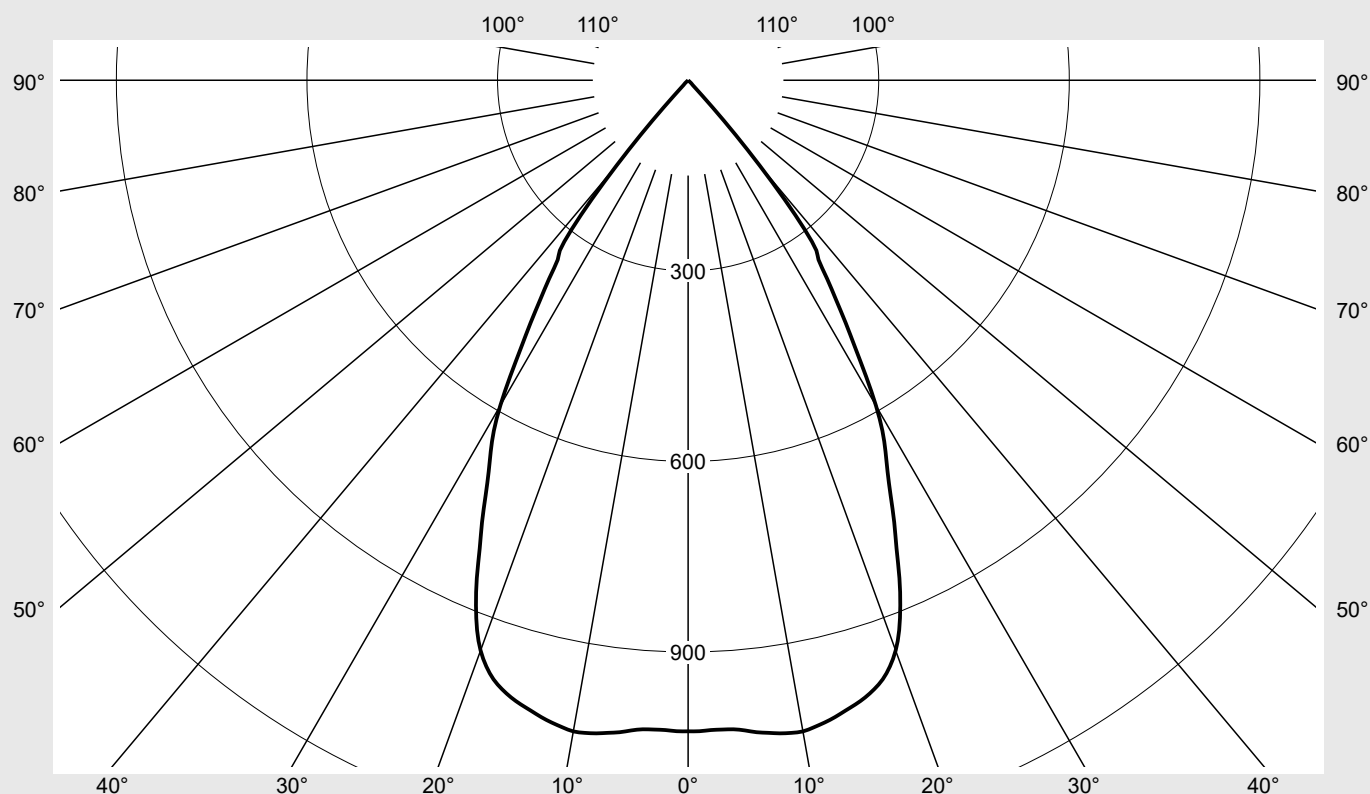
Seriendokumentation
06.04.2018

siteco

Lichtstärke in cd/klm

C180-0

Imax: 1041 cd/klm



Klassifizierungen

DIN 5040 A 7 0
CIE N1=99 N2=100 N3=100
N4=100 N5=100

Leuchtenbetriebswirkungsgrade

η_{LB} 100,0%
 ϕ_u 100,0%
 ϕ_o 0,0%

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	C-Ebenen	0°	Phi-Zone	Summe Phi-Zone
γ	Lichtstärke in cd/klm	Lichtstrom in lm/klm		γ	Lichtstärke in cd/klm	Lichtstrom in lm/klm	
0°	1024.8	0.2	0.2	47°	5.9	0.5	999.0
1°	1024.8	2.0	2.2	48°	5.2	0.4	999.4
2°	1023.4	3.9	6.1	49°	3.3	0.3	999.7
3°	1023.4	5.9	12.0	50°	1.0	0.1	999.8
4°	1024.1	7.8	19.8	51°	1.0	0.1	999.9
5°	1027.3	9.8	29.7	52°	0.7	0.1	999.9
6°	1031.9	11.8	41.5	53°	0.3	0.0	999.9
7°	1034.9	13.8	55.3	54°	0.3	0.0	1000.0
8°	1038.1	15.8	71.2	55°	0.3	0.0	1000.0
9°	1040.1	17.8	89.0	56°	0.0	0.0	1000.0
10°	1040.8	19.8	108.8	57°	0.0	0.0	1000.0
11°	1037.5	21.7	130.5	58°	0.0	0.0	1000.0
12°	1033.6	23.6	154.1	59°	0.0	0.0	1000.0
13°	1028.7	25.4	179.5	60°	0.0	0.0	1000.0
14°	1022.8	27.1	206.6	61°	0.0	0.0	1000.0
15°	1017.2	28.9	235.5	62°	0.0	0.0	1000.0
16°	1010.7	30.6	266.0	63°	0.0	0.0	1000.0
17°	1002.3	32.1	298.2	64°	0.0	0.0	1000.0
18°	991.5	33.6	331.8	65°	0.0	0.0	1000.0
19°	975.8	34.8	366.6	66°	0.0	0.0	1000.0
20°	955.2	35.8	402.4	67°	0.0	0.0	1000.0
21°	927.1	36.4	438.8	68°	0.0	0.0	1000.0
22°	891.5	36.6	475.5	69°	0.0	0.0	1000.0
23°	851.3	36.5	511.9	70°	0.0	0.0	1000.0
24°	806.5	36.0	547.9	71°	0.0	0.0	1000.0
25°	767.7	35.6	583.5	72°	0.0	0.0	1000.0
26°	727.2	35.0	618.5	73°	0.0	0.0	1000.0
27°	691.6	34.4	652.9	74°	0.0	0.0	1000.0
28°	661.8	34.1	687.0	75°	0.0	0.0	1000.0
29°	630.8	33.5	720.5	76°	0.0	0.0	1000.0
30°	591.3	32.4	752.9	77°	0.0	0.0	1000.0
31°	543.9	30.7	783.6	78°	0.0	0.0	1000.0
32°	496.2	28.8	812.5	79°	0.0	0.0	1000.0
33°	455.4	27.2	839.7	80°	0.0	0.0	1000.0
34°	415.9	25.5	865.2	81°	0.0	0.0	1000.0
35°	381.6	24.0	889.2	82°	0.0	0.0	1000.0
36°	349.2	22.5	911.7	83°	0.0	0.0	1000.0
37°	335.5	22.1	933.8	84°	0.0	0.0	1000.0
38°	297.6	20.1	953.9	85°	0.0	0.0	1000.0
39°	240.8	16.6	970.5	86°	0.0	0.0	1000.0
40°	175.4	12.4	982.9	87°	0.0	0.0	1000.0
41°	114.3	8.2	991.1	88°	0.0	0.0	1000.0
42°	57.5	4.2	995.3	89°	0.0	0.0	1000.0
43°	17.6	1.3	996.7	90°	0.0	0.0	1000.0
44°	9.5	0.7	997.4	91°	0.0	0.0	1000.0
45°	8.2	0.6	998.0	92°	0.0	0.0	1000.0
46°	6.5	0.5	998.5				

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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	
93°	0.0	0.0	1000.0
94°	0.0	0.0	1000.0
95°	0.0	0.0	1000.0
96°	0.0	0.0	1000.0
97°	0.0	0.0	1000.0
98°	0.0	0.0	1000.0
99°	0.0	0.0	1000.0
100°	0.0	0.0	1000.0
101°	0.0	0.0	1000.0
102°	0.0	0.0	1000.0
103°	0.0	0.0	1000.0
104°	0.0	0.0	1000.0
105°	0.0	0.0	1000.0
106°	0.0	0.0	1000.0
107°	0.0	0.0	1000.0
108°	0.0	0.0	1000.0
109°	0.0	0.0	1000.0
110°	0.0	0.0	1000.0
111°	0.0	0.0	1000.0
112°	0.0	0.0	1000.0
113°	0.0	0.0	1000.0
114°	0.0	0.0	1000.0
115°	0.0	0.0	1000.0
116°	0.0	0.0	1000.0
117°	0.0	0.0	1000.0
118°	0.0	0.0	1000.0
119°	0.0	0.0	1000.0
120°	0.0	0.0	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	16,2	17,3	16,5	17,6	17,9	16,2	17,3	16,5	17,6	17,9
	3H	16,0	17,0	16,4	17,4	17,7	16,0	17,0	16,4	17,4	17,7
	4H	15,9	16,8	16,3	17,2	17,6	15,9	16,8	16,3	17,2	17,6
	6H	15,9	16,7	16,3	17,0	17,4	15,9	16,7	16,3	17,0	17,4
	8H	16,0	16,6	16,4	17,0	17,4	16,0	16,6	16,4	17,0	17,4
	12H	15,9	16,5	16,3	16,9	17,3	15,9	16,5	16,3	16,9	17,3
4H	2H	15,9	16,8	16,3	17,2	17,6	15,9	16,8	16,3	17,2	17,6
	3H	15,7	16,5	16,2	16,9	17,3	15,7	16,5	16,2	16,9	17,3
	4H	15,6	16,3	16,1	16,7	17,2	15,6	16,3	16,1	16,7	17,2
	6H	15,5	16,1	16,0	16,5	17,0	15,5	16,1	16,0	16,5	17,0
	8H	15,5	16,0	16,0	16,5	16,9	15,5	16,0	16,0	16,5	16,9
	12H	15,5	15,9	16,0	16,4	16,9	15,5	15,9	16,0	16,4	16,9
8H	4H	15,5	16,0	16,0	16,5	16,9	15,5	16,0	16,0	16,5	16,9
	6H	15,4	15,8	15,9	16,3	16,8	15,4	15,8	15,9	16,3	16,8
	8H	15,3	15,7	15,8	16,2	16,7	15,3	15,7	15,8	16,2	16,7
	12H	15,3	15,6	15,8	16,1	16,6	15,3	15,6	15,8	16,1	16,6
12H	4H	15,5	15,9	16,0	16,4	16,9	15,5	15,9	16,0	16,4	16,9
	6H	15,4	15,7	15,9	16,2	16,7	15,4	15,7	15,9	16,2	16,7
	8H	15,3	15,6	15,8	16,1	16,6	15,3	15,6	15,8	16,1	16,6

Leuchtdichten-Tabelle Max. für $\gamma \geq 65^\circ$ Lichttechnische Abmessungen in mm: D = 134

C-Ebenen	0°
γ	Leuchtdichte in cd/m^2
45°	1007.4
50°	133.0
55°	49.7
60°	0.0
65°	0.0
70°	0.0
75°	0.0
80°	0.0
85°	0.0

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

