

Lichttechnischer Prüfbefund

Familie
Lunis mini round

Bestell-Nr.: 51DF21B71HM22
EAN: 4058352178782

LP-Nummer
57566_41



Ausführung Reflektor hochglänzend, breit strahlend,
UGR \leq 19

Bestückung LED 3000K / CRI \geq 90

Betriebsgerät EVG

Bemessungswerte Nettolichtstrom = 970 lm
Systemleistung = 10.7 W
Lichtausbeute = 90.7 lm/W

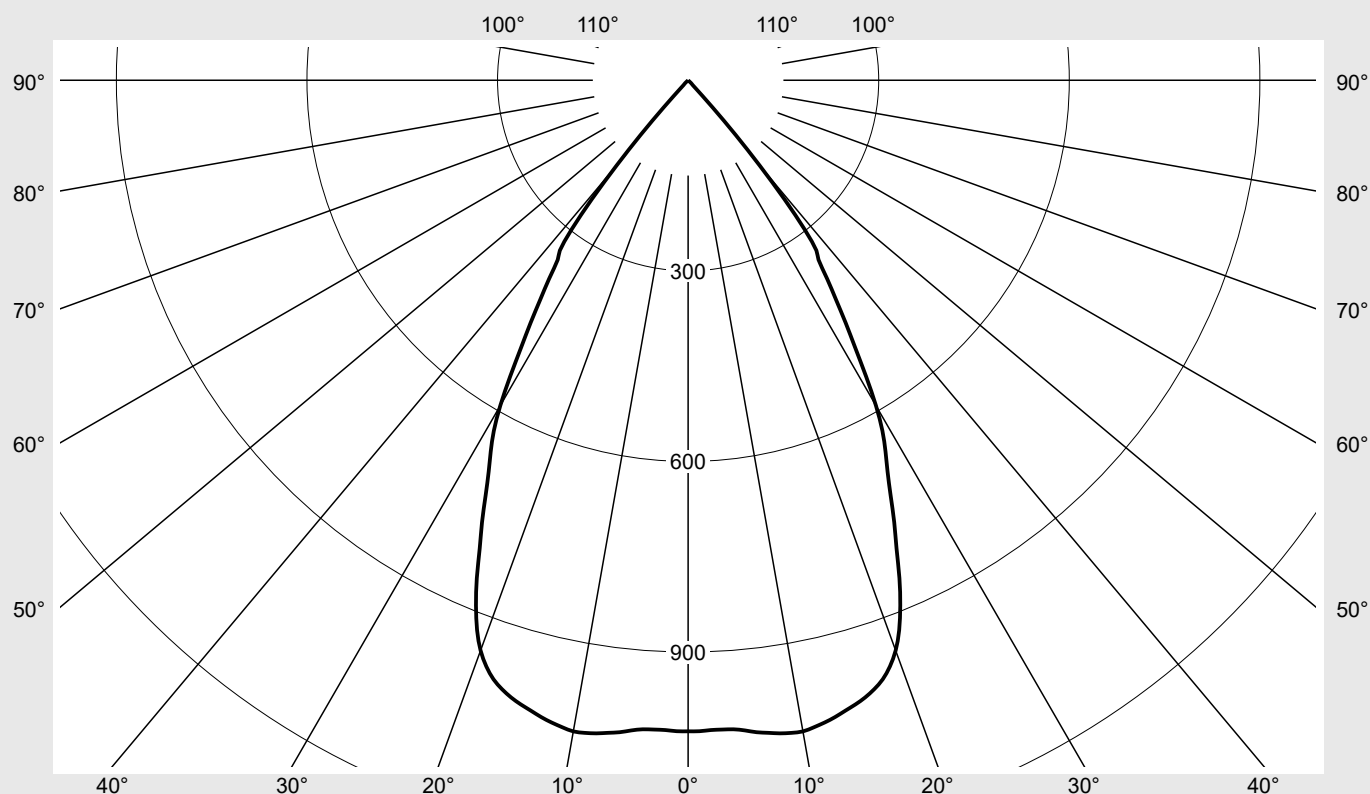
Seriendokumentation
06.04.2018

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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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	
93°	0.0	0.0	1000.0	140°	0.0	0.0	1000.0
94°	0.0	0.0	1000.0	141°	0.0	0.0	1000.0
95°	0.0	0.0	1000.0	142°	0.0	0.0	1000.0
96°	0.0	0.0	1000.0	143°	0.0	0.0	1000.0
97°	0.0	0.0	1000.0	144°	0.0	0.0	1000.0
98°	0.0	0.0	1000.0	145°	0.0	0.0	1000.0
99°	0.0	0.0	1000.0	146°	0.0	0.0	1000.0
100°	0.0	0.0	1000.0	147°	0.0	0.0	1000.0
101°	0.0	0.0	1000.0	148°	0.0	0.0	1000.0
102°	0.0	0.0	1000.0	149°	0.0	0.0	1000.0
103°	0.0	0.0	1000.0	150°	0.0	0.0	1000.0
104°	0.0	0.0	1000.0	151°	0.0	0.0	1000.0
105°	0.0	0.0	1000.0	152°	0.0	0.0	1000.0
106°	0.0	0.0	1000.0	153°	0.0	0.0	1000.0
107°	0.0	0.0	1000.0	154°	0.0	0.0	1000.0
108°	0.0	0.0	1000.0	155°	0.0	0.0	1000.0
109°	0.0	0.0	1000.0	156°	0.0	0.0	1000.0
110°	0.0	0.0	1000.0	157°	0.0	0.0	1000.0
111°	0.0	0.0	1000.0	158°	0.0	0.0	1000.0
112°	0.0	0.0	1000.0	159°	0.0	0.0	1000.0
113°	0.0	0.0	1000.0	160°	0.0	0.0	1000.0
114°	0.0	0.0	1000.0	161°	0.0	0.0	1000.0
115°	0.0	0.0	1000.0	162°	0.0	0.0	1000.0
116°	0.0	0.0	1000.0	163°	0.0	0.0	1000.0
117°	0.0	0.0	1000.0	164°	0.0	0.0	1000.0
118°	0.0	0.0	1000.0	165°	0.0	0.0	1000.0
119°	0.0	0.0	1000.0	166°	0.0	0.0	1000.0
120°	0.0	0.0	1000.0	167°	0.0	0.0	1000.0
121°	0.0	0.0	1000.0	168°	0.0	0.0	1000.0
122°	0.0	0.0	1000.0	169°	0.0	0.0	1000.0
123°	0.0	0.0	1000.0	170°	0.0	0.0	1000.0
124°	0.0	0.0	1000.0	171°	0.0	0.0	1000.0
125°	0.0	0.0	1000.0	172°	0.0	0.0	1000.0
126°	0.0	0.0	1000.0	173°	0.0	0.0	1000.0
127°	0.0	0.0	1000.0	174°	0.0	0.0	1000.0
128°	0.0	0.0	1000.0	175°	0.0	0.0	1000.0
129°	0.0	0.0	1000.0	176°	0.0	0.0	1000.0
130°	0.0	0.0	1000.0	177°	0.0	0.0	1000.0
131°	0.0	0.0	1000.0	178°	0.0	0.0	1000.0
132°	0.0	0.0	1000.0	179°	0.0	0.0	1000.0
133°	0.0	0.0	1000.0	180°	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				

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UGR-Tabelle		Standardraum									
Raumabmessungen		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
x	y										
2H	2H	15,4	16,5	15,7	16,8	17,1	15,4	16,5	15,7	16,8	17,1
	3H	15,2	16,2	15,6	16,5	16,9	15,2	16,2	15,6	16,5	16,9
	4H	15,1	16,0	15,5	16,4	16,8	15,1	16,0	15,5	16,4	16,8
	6H	15,0	15,8	15,4	16,2	16,6	15,0	15,8	15,4	16,2	16,6
	8H	15,1	15,8	15,6	16,2	16,6	15,1	15,8	15,6	16,2	16,6
	12H	15,1	15,7	15,5	16,1	16,5	15,1	15,7	15,5	16,1	16,5
4H	2H	15,1	16,0	15,5	16,4	16,8	15,1	16,0	15,5	16,4	16,8
	3H	14,9	15,7	15,4	16,1	16,5	14,9	15,7	15,4	16,1	16,5
	4H	14,8	15,5	15,3	15,9	16,3	14,8	15,5	15,3	15,9	16,3
	6H	14,7	15,3	15,2	15,7	16,2	14,7	15,3	15,2	15,7	16,2
	8H	14,7	15,2	15,2	15,6	16,1	14,7	15,2	15,2	15,6	16,1
	12H	14,7	15,1	15,2	15,5	16,0	14,7	15,1	15,2	15,5	16,0
8H	4H	14,7	15,2	15,2	15,6	16,1	14,7	15,2	15,2	15,6	16,1
	6H	14,6	15,0	15,1	15,4	16,0	14,6	15,0	15,1	15,4	16,0
	8H	14,5	14,9	15,0	15,3	15,9	14,5	14,9	15,0	15,3	15,9
	12H	14,5	14,7	15,0	15,2	15,8	14,5	14,7	15,0	15,2	15,8
12H	4H	14,7	15,1	15,2	15,5	16,0	14,7	15,1	15,2	15,5	16,0
	6H	14,5	14,8	15,1	15,3	15,9	14,5	14,8	15,1	15,3	15,9
	8H	14,5	14,7	15,0	15,2	15,8	14,5	14,7	15,0	15,2	15,8

Leuchtdichten-Tabelle	Max. für $\gamma \geq 65^\circ$	Lichttechnische Abmessungen in mm: D = 134
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C-Ebenen	0°
γ	Leuchtdichte in cd/m ²
45°	794.4
50°	104.9
55°	39.2
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**

