

Lichttechnischer Prüfbefund

Familie
Lunis mini round

Bestell-Nr.: 51DK11CD2WN21
EAN: 4058352132340

LP-Nummer
57410_7



Ausführung Wallwasher, Reflektor, Alu, direkt, asymmetrisch strahlend
Bestückung 1 x LED 4000K / CRI ≥ 90 (unbekannt LED 4000K / CRI = 90)
Betriebsgerät EVG-DALI
Bemessungswerte Nettolichtstrom = 2120 lm
Systemleistung = 27.8 W
Lichtausbeute = 76.3 lm/W

Seriendokumentation
16.02.2017

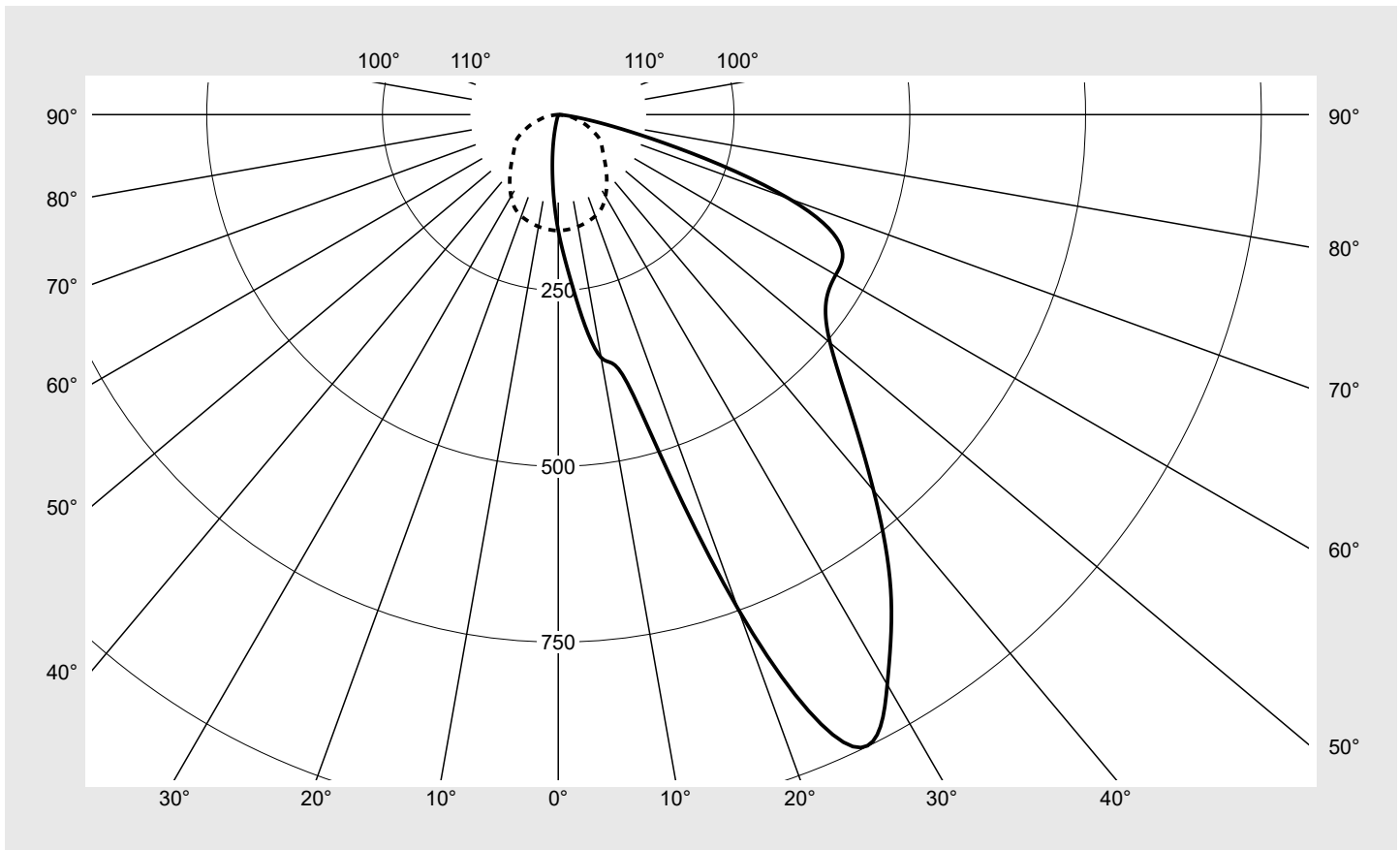
siteco

Lichtstärke in cd/klm

C180-0

C270-90

Imax: 991 cd/klm



Klassifizierungen

DIN 5040 A 3 0
CIE N1=44 N2=77 N3=97
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

C- Ebenen	0°	15° 345°	30° 330°	45° 315°	60° 300°	75° 285°	90° 270°
γ	Lichtstärke in cd/klm						
0°	164.9	164.9	164.9	164.9	164.9	164.9	164.9
5°	250.7	237.9	206.4	200.9	187.3	180.1	163.9
10°	350.8	344.2	319.8	297.2	230.3	188.8	161.6
15°	413.3	393.4	363.3	348.0	295.6	198.8	158.1
20°	748.3	695.8	529.4	381.5	330.4	237.3	153.6
25°	991.4	962.5	826.6	587.0	343.4	265.0	146.4
30°	935.9	953.0	958.5	814.4	419.8	266.7	134.2
35°	824.4	833.4	861.9	890.8	516.1	258.3	120.3
40°	697.7	708.9	748.3	778.2	575.9	244.8	106.4
45°	584.6	589.8	622.9	619.4	559.9	242.8	93.5
50°	504.7	501.1	508.7	462.5	466.3	252.0	82.9
55°	465.0	452.7	427.2	353.5	364.4	257.1	75.3
60°	455.7	436.7	383.9	300.2	276.5	243.0	67.0
65°	443.8	426.6	377.7	273.5	207.2	183.8	53.3
70°	349.1	358.4	344.5	249.3	157.4	124.7	41.1
75°	155.0	172.9	191.7	176.7	126.2	88.8	27.5
80°	44.0	47.3	53.3	59.3	68.5	56.6	17.7
85°	7.1	9.0	12.2	11.7	15.2	15.0	3.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Wertetabelle Lichtstärkemessung	Maximale Lichtstärke	siteco
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C- Ebenen	105° 255°	120° 240°	135° 225°	150° 210°	165° 195°	180°	Phi-Zone	Summe Phi-Zone
γ	Lichtstärke in cd/klm						Lichtstrom in lm/klm	
0°	164.9	164.9	164.9	164.9	164.9	164.9	1.0	1.0
5°	140.6	115.3	105.2	94.4	92.7	91.9	7.5	8.5
10°	114.6	86.7	66.6	47.9	41.9	40.2	16.6	25.2
15°	97.4	58.2	32.9	14.1	9.5	8.7	25.8	50.9
20°	82.0	33.4	9.5	0.8	0.0	0.5	44.2	95.1
25°	64.3	13.1	0.5	0.0	0.0	0.0	71.5	166.6
30°	45.7	3.8	0.0	0.0	0.0	0.0	92.8	259.4
35°	29.1	0.3	0.0	0.0	0.0	0.0	102.8	362.2
40°	15.6	0.3	0.0	0.0	0.0	0.0	103.6	465.8
45°	7.3	0.0	0.0	0.0	0.0	0.0	97.8	563.6
50°	2.6	0.0	0.0	0.0	0.0	0.0	88.5	652.0
55°	1.3	0.0	0.0	0.0	0.0	0.0	81.0	733.0
60°	1.1	0.0	0.0	0.0	0.0	0.0	76.6	809.6
65°	0.9	0.0	0.0	0.0	0.0	0.0	72.2	881.8
70°	0.8	0.0	0.0	0.0	0.0	0.0	62.3	944.1
75°	0.7	0.0	0.0	0.0	0.0	0.0	38.0	982.1
80°	0.6	0.0	0.0	0.0	0.0	0.0	14.6	996.8
85°	0.5	0.0	0.0	0.0	0.0	0.0	3.2	1000.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0

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UGR-Tabelle	Standardraum	siteco
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Reflexionsgrad Decke	0,7	0,7	0,5	0,5	0,3	0,7	0,7	0,5	0,5	0,3	
Reflexionsgrad Wände	0,5	0,3	0,5	0,3	0,3	0,5	0,3	0,5	0,3	0,3	
Reflexionsgrad Boden	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	
Raumabmessungen	Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)					
x	y										
2H	2H	37,3	39,1	37,7	39,4	39,7	31,1	32,9	31,5	33,2	33,5
	3H	39,9	41,5	40,3	41,8	42,2	32,0	33,6	32,4	34,0	34,3
	4H	40,5	41,9	40,9	42,3	42,6	32,3	33,8	32,7	34,2	34,6
	6H	40,6	41,9	41,0	42,3	42,7	32,5	33,9	32,9	34,3	34,7
	8H	40,6	41,8	41,0	42,2	42,6	32,5	33,9	32,9	34,3	34,7
	12H	40,6	41,8	41,1	42,2	42,6	32,5	33,8	32,9	34,2	34,6
4H	2H	37,9	39,4	38,2	39,7	40,1	32,6	34,1	33,0	34,4	34,8
	3H	40,7	42,0	41,2	42,4	42,8	33,8	35,1	34,3	35,5	35,9
	4H	41,4	42,5	41,8	42,9	43,4	34,3	35,4	34,7	35,8	36,3
	6H	41,6	42,5	42,0	43,0	43,4	34,7	35,6	35,1	36,1	36,5
	8H	41,6	42,5	42,0	42,9	43,4	34,7	35,6	35,2	36,1	36,6
	12H	41,6	42,4	42,1	42,8	43,3	34,7	35,6	35,2	36,0	36,5
8H	4H	41,5	42,5	42,0	42,9	43,4	35,3	36,2	35,8	36,6	37,1
	6H	41,8	42,5	42,2	43,0	43,5	35,7	36,5	36,2	37,0	37,5
	8H	41,8	42,4	42,3	42,9	43,4	35,9	36,5	36,4	37,0	37,5
	12H	41,8	42,3	42,3	42,8	43,4	35,9	36,5	36,4	37,0	37,5
12H	4H	41,6	42,4	42,0	42,9	43,3	35,4	36,1	35,9	36,6	37,1
	6H	41,8	42,4	42,3	42,9	43,4	35,8	36,5	36,3	36,9	37,5
	8H	41,8	42,4	42,3	42,9	43,4	36,0	36,5	36,5	37,0	37,6

Leuchtdichten-Tabelle	Max. für $\gamma \geq 65^\circ$	Lichttechnische Abmessungen in mm:	L = 68	B = 54
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C-Ebenen	0°	15° 345°	30° 330°	45° 315°	60° 300°	75° 285°	90° 270°	105° 255°	120° 240°	135° 225°	150° 210°	165° 195°	180°
γ	Leuchtdichte in cd/m²												
45°	477314.7	481531.8	508614.6	505729.1	457109.9	198231.9	76369.9	5949.7	0.0	0.0	0.0	0.0	0.0
50°	453272.5	450098.4	456936.2	415419.4	418836.1	226344.4	74438.9	2368.5	0.0	0.0	0.0	0.0	0.0
55°	468005.5	455692.2	429963.4	355797.6	366745.0	258749.6	75757.1	1286.4	0.0	0.0	0.0	0.0	0.0
60°	526204.6	504230.9	443316.7	346615.4	319301.3	280619.4	77360.4	1256.3	0.0	0.0	0.0	0.0	0.0
65°	606211.6	582806.1	515947.4	373676.9	283050.7	251105.6	72767.1	1262.3	0.0	0.0	0.0	0.0	0.0
70°	589330.2	604944.6	581533.2	420884.6	265744.0	210580.7	69307.4	1377.4	0.0	0.0	0.0	0.0	0.0
75°	345712.8	385762.4	427607.7	394245.6	281424.6	197972.7	61321.3	1456.6	0.0	0.0	0.0	0.0	0.0
80°	146453.2	157302.0	177187.5	197076.4	227813.9	188308.9	58762.2	1898.4	0.0	0.0	0.0	0.0	0.0
85°	46833.5	59439.5	81054.4	77450.8	100860.9	99423.5	19634.3	3239.3	0.0	0.0	0.0	0.0	0.0

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

