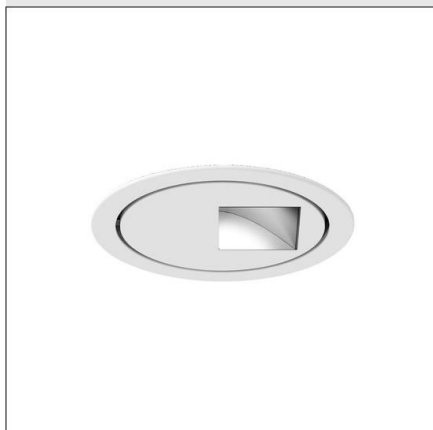


Lichttechnischer Prüfbefund

Familie
Lunis mini round

Bestell-Nr.: 51DK11CD2WM21
EAN: 4058352132326

LP-Nummer
57410_8



Ausführung Wallwasher, Reflektor, Alu, direkt, asymmetrisch strahlend

Bestückung 1 x LED 3000K / CRI ≥ 90
(unbekannt LED 3000K / CRI = 90)

Betriebsgerät EVG-DALI

Bemessungswerte Nettolichtstrom = 1930 lm
Systemleistung = 27.8 W
Lichtausbeute = 69.4 lm/W

Seriendokumentation
16.02.2017

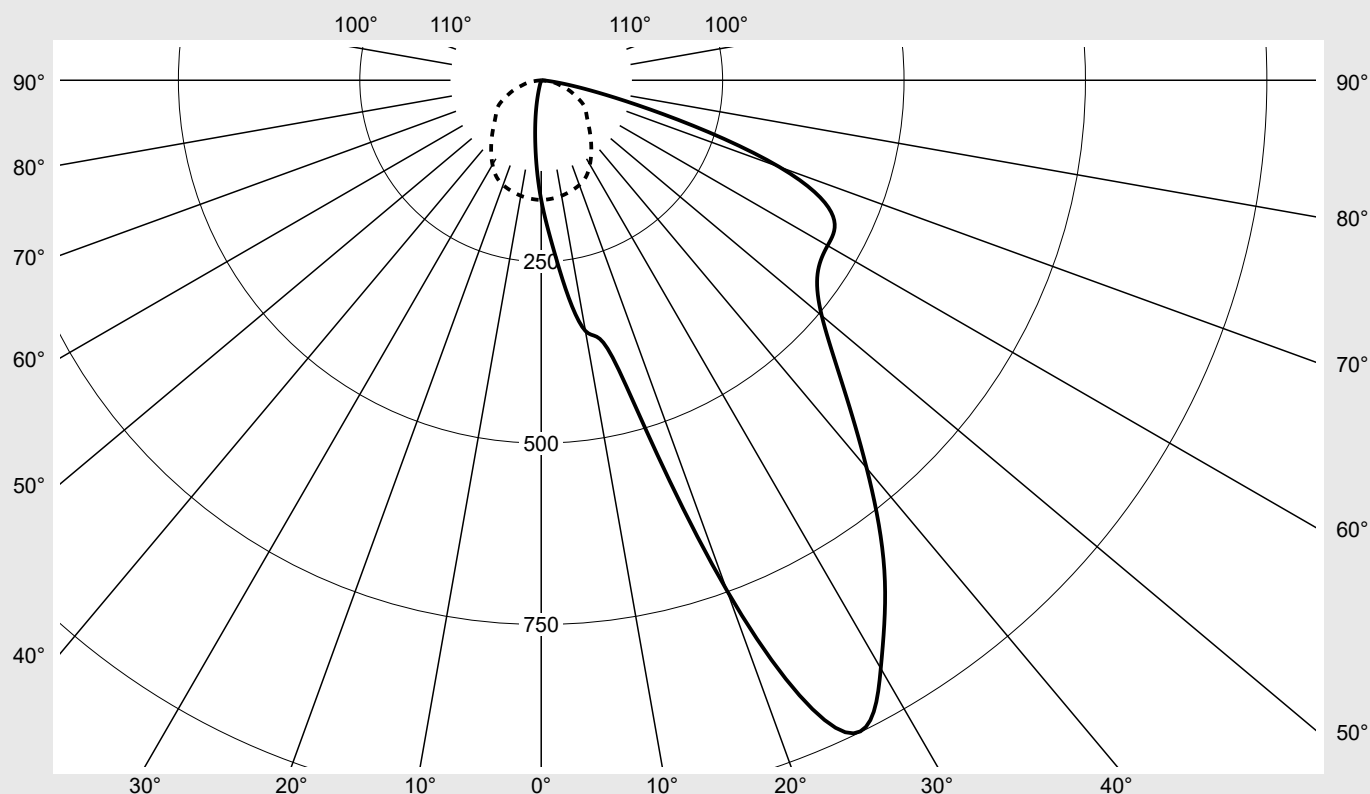
siteco

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

Lichttechnischer Prüfbefund

Familie Lunis mini round	Bestell-Nr.: 51DK11CD2WM21 EAN: 4058352132326	LP-Nummer 57410_8
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

Lichttechnischer Prüfbefund

Familie Lunis mini round	Bestell-Nr.: 51DK11CD2WM21 EAN: 4058352132326	LP-Nummer 57410_8
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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

Lichttechnischer Prüfbefund

Familie Lunis mini round	Bestell-Nr.: 51DK11CD2WM21 EAN: 4058352132326	LP-Nummer 57410_8
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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	37,0	38,8	37,4	39,1	39,4	30,8	32,5	31,2	32,9	33,2
	3H	39,6	41,2	40,0	41,5	41,8	31,7	33,3	32,1	33,7	34,0
	4H	40,1	41,6	40,5	41,9	42,3	32,0	33,5	32,4	33,9	34,2
	6H	40,3	41,6	40,7	42,0	42,3	32,2	33,6	32,6	34,0	34,3
	8H	40,3	41,5	40,7	41,9	42,3	32,2	33,6	32,6	33,9	34,3
	12H	40,3	41,4	40,8	41,8	42,3	32,2	33,5	32,6	33,9	34,3
4H	2H	37,5	39,0	37,9	39,4	39,8	32,3	33,8	32,7	34,1	34,5
	3H	40,4	41,7	40,8	42,1	42,5	33,5	34,8	33,9	35,1	35,5
	4H	41,1	42,2	41,5	42,6	43,0	34,0	35,1	34,4	35,5	36,0
	6H	41,3	42,2	41,7	42,6	43,1	34,3	35,3	34,8	35,7	36,2
	8H	41,3	42,1	41,7	42,6	43,0	34,4	35,3	34,8	35,8	36,2
	12H	41,3	42,1	41,8	42,5	43,0	34,4	35,3	34,9	35,7	36,2
8H	4H	41,2	42,2	41,7	42,6	43,1	35,0	35,9	35,4	36,3	36,8
	6H	41,4	42,2	41,9	42,7	43,2	35,4	36,2	35,9	36,6	37,1
	8H	41,4	42,1	41,9	42,6	43,1	35,5	36,2	36,0	36,7	37,2
	12H	41,5	42,0	42,0	42,5	43,1	35,6	36,2	36,1	36,7	37,2
12H	4H	41,2	42,1	41,7	42,5	43,0	35,1	35,8	35,5	36,3	36,8
	6H	41,5	42,1	42,0	42,6	43,1	35,5	36,1	36,0	36,6	37,1
	8H	41,5	42,0	42,0	42,5	43,1	35,7	36,2	36,2	36,7	37,2

Leuchtdichten-Tabelle	Max. für $\gamma \geq 65^\circ$	Lichttechnische	L = 68
		Abmessungen in mm:	B = 54

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/m ²												
45°	434536.5	438375.6	463031.2	460404.4	416142.5	180465.9	69525.4	5416.5	0.0	0.0	0.0	0.0	0.0
50°	412649.1	409759.4	415984.4	378188.5	381298.9	206058.8	67767.5	2156.2	0.0	0.0	0.0	0.0	0.0
55°	426061.6	414851.8	391428.9	323910.1	333876.4	235559.8	68967.6	1171.1	0.0	0.0	0.0	0.0	0.0
60°	479044.7	459040.4	403585.5	315550.8	290684.7	255469.6	70427.1	1143.7	0.0	0.0	0.0	0.0	0.0
65°	551881.4	530573.5	469706.9	340187.0	257682.9	228600.9	66245.5	1149.2	0.0	0.0	0.0	0.0	0.0
70°	536512.9	550727.8	529414.7	383163.8	241927.3	191707.9	63095.8	1254.0	0.0	0.0	0.0	0.0	0.0
75°	314729.1	351189.3	389284.3	358912.3	256202.6	180229.9	55825.6	1326.1	0.0	0.0	0.0	0.0	0.0
80°	133327.7	143204.2	161307.5	179413.9	207396.7	171432.2	53495.7	1728.3	0.0	0.0	0.0	0.0	0.0
85°	42636.2	54112.3	73790.1	70509.5	91821.5	90512.9	17874.6	2949.0	0.0	0.0	0.0	0.0	0.0

Lichttechnischer Prüfbefund

Familie Lunis mini round	Bestell-Nr.: 51DK11CD2WM21 EAN: 4058352132326	LP-Nummer 57410_8
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Leuchtdichten in cd/m²

γ 65°	γ 70°	γ 75°	γ 80°	γ 85°
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siteco

