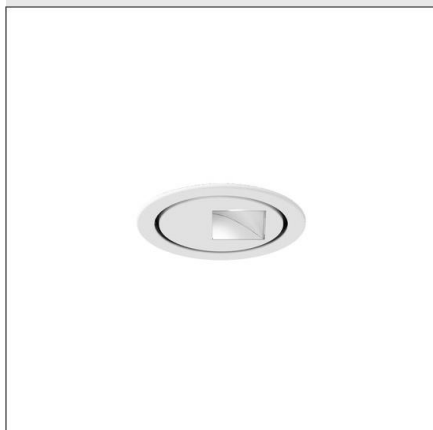


Lichttechnischer Prüfbefund

Familie
Lunis micro round

Bestell-Nr.: 51DJ11CD1WM21
EAN: 4058352132241

LP-Nummer
57409_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 = 1100 lm
Systemleistung = 19.7 W
Lichtausbeute = 55.8 lm/W

Seriendokumentation
16.02.2017

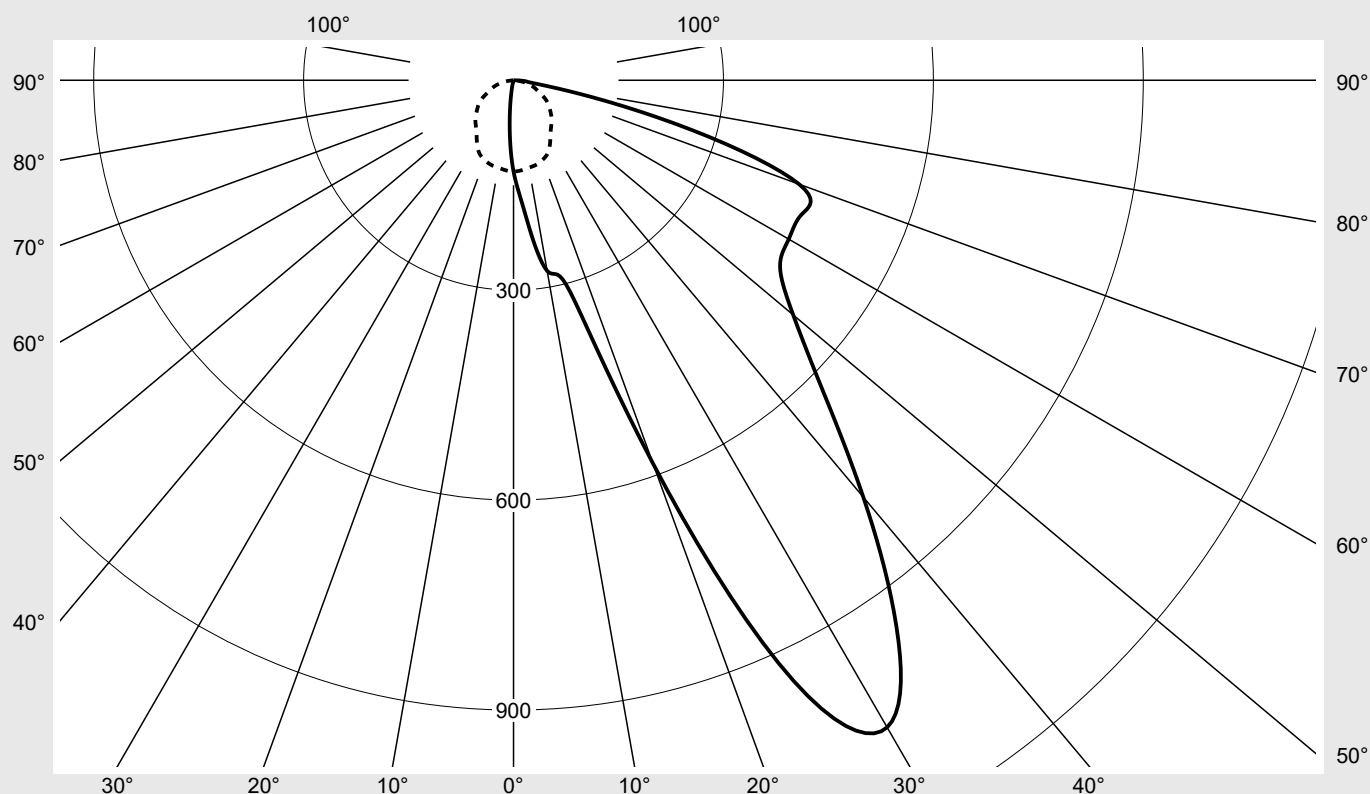
siteco

Lichtstärke in cd/klm

C180-0

C270-90

Imax: 1068 cd/klm



Klassifizierungen

DIN 5040 A 3 0
CIE N1=42 N2=76 N3=96
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 micro round	Bestell-Nr.: 51DJ11CD1WM21 EAN: 4058352132241	LP-Nummer 57409_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°	130.4	130.4	130.4	130.4	130.4	130.4	130.4
5°	191.9	191.0	189.2	182.0	167.7	149.0	129.1
10°	276.7	273.9	259.5	218.1	191.4	168.4	126.8
15°	313.6	299.6	287.9	270.8	219.1	180.5	125.0
20°	583.0	524.5	420.4	293.3	264.0	181.8	121.1
25°	947.1	893.5	733.5	431.6	270.7	194.9	115.3
30°	1067.8	1056.6	982.7	683.1	309.6	208.2	104.3
35°	954.3	962.0	962.9	889.9	416.1	216.6	92.2
40°	777.7	791.7	828.6	872.3	537.1	202.3	83.9
45°	623.6	638.5	661.4	715.1	584.9	200.0	77.0
50°	521.8	515.9	519.1	530.8	515.5	212.6	68.7
55°	465.0	452.8	425.3	383.0	401.5	229.1	61.1
60°	454.2	433.9	381.2	300.5	290.6	230.8	51.7
65°	454.2	432.1	371.3	264.9	203.4	185.5	40.1
70°	434.3	419.0	360.5	241.5	152.5	125.8	32.4
75°	237.0	258.2	238.4	209.1	124.3	82.1	23.7
80°	52.3	62.2	59.9	86.1	80.9	54.5	14.3
85°	18.0	19.4	15.8	17.1	18.9	15.3	4.0
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 micro round	Bestell-Nr.: 51DJ11CD1WM21 EAN: 4058352132241	LP-Nummer 57409_8
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

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°	130.4	130.4	130.4	130.4	130.4	130.4	0.8	0.8
5°	110.9	91.7	77.9	71.6	64.0	63.1	6.2	7.0
10°	91.7	63.0	43.7	32.9	19.8	18.0	13.0	19.9
15°	73.8	40.6	14.9	9.5	4.5	3.6	19.9	39.9
20°	58.4	16.9	5.0	1.4	0.9	0.9	34.0	73.9
25°	44.0	9.3	1.4	0.9	0.9	0.9	61.2	135.1
30°	29.4	3.2	1.4	0.9	0.9	0.9	89.4	224.5
35°	16.6	2.7	0.9	0.9	0.9	0.9	105.8	330.3
40°	10.4	2.5	0.9	0.9	0.9	0.9	109.2	439.6
45°	5.8	2.3	0.9	0.9	0.9	0.0	103.3	542.9
50°	3.1	2.2	0.9	0.9	0.5	0.0	92.1	635.0
55°	2.7	2.1	0.9	0.9	0.5	0.0	82.0	717.0
60°	2.5	1.9	0.9	0.0	0.5	0.0	76.0	793.0
65°	2.3	1.8	0.5	0.0	0.0	0.0	71.6	864.6
70°	2.1	1.7	0.0	0.0	0.0	0.0	66.6	931.2
75°	1.8	1.5	0.0	0.0	0.0	0.0	46.7	977.9
80°	1.6	1.4	0.0	0.0	0.0	0.0	17.4	995.3
85°	1.3	1.3	0.0	0.0	0.0	0.0	4.6	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 micro round	Bestell-Nr.: 51DJ11CD1WM21 EAN: 4058352132241	LP-Nummer 57409_8
-------------------------------------	--	-----------------------------

UGR-Tabelle		Standardraum									
		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
Raumabmessungen											
x	y										
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	
2H	2H	37,5	39,3	37,9	39,6	40,0	31,3	33,1	31,7	33,4	33,7
	3H	40,5	42,1	40,9	42,4	42,8	32,2	33,8	32,5	34,1	34,5
	4H	41,5	42,9	41,8	43,3	43,6	32,4	33,9	32,8	34,3	34,7
	6H	41,7	43,0	42,1	43,4	43,8	32,5	34,0	32,9	34,3	34,7
	8H	41,7	43,0	42,1	43,3	43,7	32,5	33,9	32,9	34,3	34,7
	12H	41,7	42,9	42,2	43,3	43,7	32,5	33,9	32,9	34,2	34,7
4H	2H	38,0	39,6	38,4	39,9	40,3	32,7	34,2	33,1	34,6	34,9
	3H	41,3	42,6	41,7	43,0	43,4	33,9	35,2	34,3	35,5	35,9
	4H	42,4	43,5	42,8	43,9	44,4	34,3	35,5	34,7	35,9	36,3
	6H	42,7	43,7	43,1	44,1	44,5	34,6	35,6	35,0	36,1	36,5
	8H	42,7	43,6	43,2	44,0	44,5	34,6	35,6	35,1	36,1	36,5
	12H	42,7	43,5	43,2	44,0	44,5	34,6	35,6	35,1	36,0	36,5
8H	4H	42,5	43,5	43,0	43,9	44,4	35,6	36,5	36,1	36,9	37,4
	6H	42,9	43,6	43,3	44,1	44,6	36,1	36,8	36,5	37,3	37,8
	8H	42,9	43,6	43,4	44,0	44,6	36,2	36,9	36,7	37,3	37,9
	12H	42,9	43,5	43,4	44,0	44,5	36,2	36,8	36,7	37,3	37,8
12H	4H	42,5	43,4	43,0	43,9	44,4	35,7	36,5	36,1	36,9	37,4
	6H	42,9	43,6	43,3	44,0	44,6	36,2	36,8	36,7	37,3	37,8
	8H	42,9	43,5	43,4	44,0	44,5	36,3	36,9	36,8	37,4	37,9

Leuchtdichten-Tabelle		Max. für $\gamma \geq 65^\circ$											
		Lichttechnische Abmessungen in mm:										L = 50 B = 37	
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°	524365.9	536867.3	556193.3	601278.1	491858.1	168182.6	64749.7	4887.2	1894.5	757.6	757.6	757.6	0.0
50°	482639.2	477222.2	480137.0	490974.6	476806.0	196682.5	63518.7	2834.3	2000.8	833.4	833.4	417.2	0.0
55°	482031.2	469413.2	440923.1	397017.0	416217.8	237510.7	63289.2	2802.0	2149.0	934.0	934.0	467.5	0.0
60°	540095.2	515986.8	453297.5	357384.6	345598.6	274495.8	61510.8	2946.8	2249.9	1071.5	0.0	536.3	0.0
65°	638987.1	607931.9	522345.5	372743.8	286152.8	261043.3	56417.9	3233.1	2535.3	634.5	0.0	0.0	0.0
70°	755104.6	728478.0	626643.2	419854.7	265069.3	218777.1	56241.5	3682.1	2898.0	0.0	0.0	0.0	0.0
75°	544459.7	593112.7	547574.9	480288.2	285591.2	188701.0	54446.9	4139.8	3519.5	0.0	0.0	0.0	0.0
80°	178965.8	212909.2	205194.6	294677.5	277087.8	186526.3	49061.0	5553.9	4783.5	0.0	0.0	0.0	0.0
85°	122956.7	132180.3	107586.2	116809.8	129103.5	104509.4	27357.1	8916.6	8916.6	0.0	0.0	0.0	0.0

Lichttechnischer Prüfbefund

Familie Lunis micro round	Bestell-Nr.: 51DJ11CD1WM21 EAN: 4058352132241	LP-Nummer 57409_8
-------------------------------------	--	-----------------------------

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

