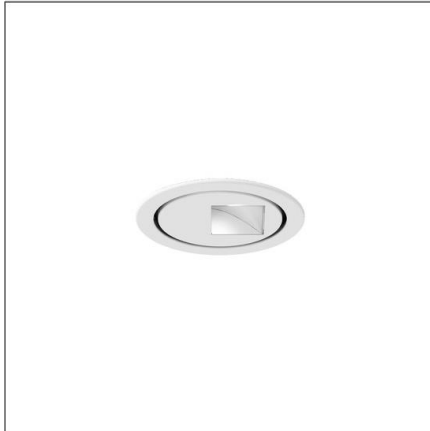


Lichttechnischer Prüfbefund

Familie
Lunis micro round

Bestell-Nr.: 51DJ11B71WN21
EAN: 4058352131695

LP-Nummer
57409_5



Ausführung Wallwasher, Reflektor, Alu, direkt, asymmetrisch strahlend
Bestückung 1 x LED 4000K / CRI ≥ 90 (unbekannt LED 4000K / CRI = 90)
Betriebsgerät EVG
Bemessungswerte Nettolichtstrom = 1210 lm
Systemleistung = 19.7 W
Lichtausbeute = 61.4 lm/W

Seriendokumentation
16.02.2017

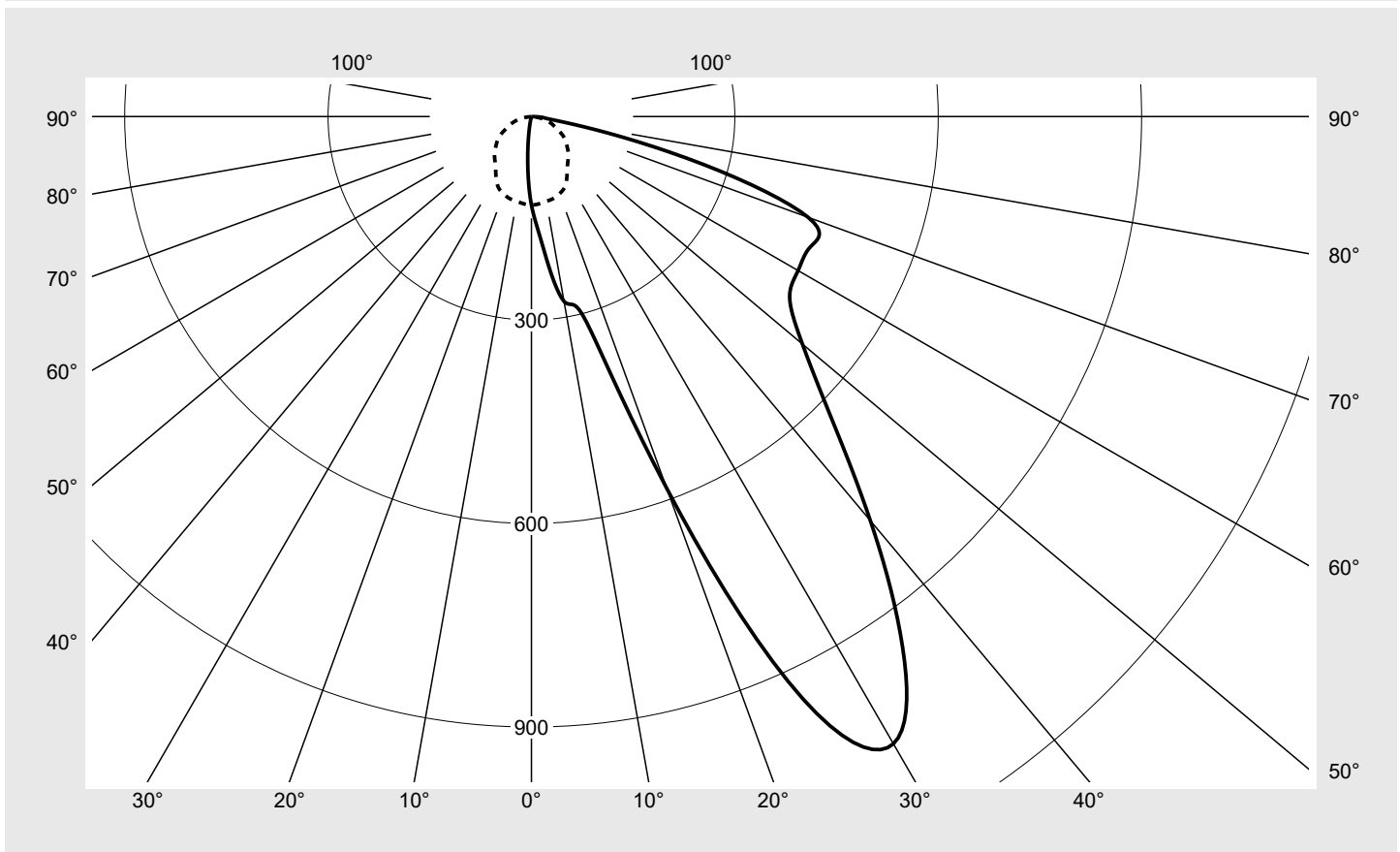
siteco

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.: 51DJ11B71WN21 EAN: 4058352131695	LP-Nummer 57409_5
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.: 51DJ11B71WN21 EAN: 4058352131695	LP-Nummer 57409_5
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.: 51DJ11B71WN21 EAN: 4058352131695	LP-Nummer 57409_5
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UGR-Tabelle		Standardraum									
		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
Raumabmessungen											
x	y										
2H	2H	37,9	39,7	38,2	40,0	40,3	31,6	33,4	32,0	33,7	34,0
	3H	40,9	42,4	41,2	42,8	43,1	32,5	34,1	32,9	34,5	34,8
	4H	41,8	43,3	42,2	43,6	44,0	32,7	34,3	33,1	34,6	35,0
	6H	42,0	43,4	42,4	43,7	44,1	32,8	34,3	33,2	34,7	35,0
	8H	42,0	43,3	42,4	43,7	44,1	32,8	34,2	33,2	34,6	35,0
	12H	42,1	43,2	42,5	43,6	44,0	32,8	34,2	33,2	34,6	35,0
4H	2H	38,3	39,9	38,7	40,2	40,6	33,1	34,5	33,5	34,9	35,3
	3H	41,6	42,9	42,0	43,3	43,7	34,2	35,5	34,6	35,9	36,3
	4H	42,7	43,9	43,1	44,3	44,7	34,6	35,8	35,1	36,2	36,6
	6H	43,0	44,0	43,4	44,4	44,9	34,9	36,0	35,4	36,4	36,8
	8H	43,0	43,9	43,5	44,4	44,8	35,0	36,0	35,4	36,4	36,9
	12H	43,0	43,8	43,5	44,3	44,8	35,0	35,9	35,4	36,3	36,8
8H	4H	42,9	43,8	43,3	44,3	44,7	35,9	36,8	36,4	37,3	37,7
	6H	43,2	44,0	43,7	44,4	44,9	36,4	37,2	36,9	37,6	38,1
	8H	43,2	43,9	43,7	44,4	44,9	36,5	37,2	37,0	37,7	38,2
	12H	43,3	43,8	43,8	44,3	44,9	36,5	37,1	37,0	37,6	38,2
12H	4H	42,8	43,8	43,3	44,2	44,7	36,0	36,8	36,5	37,2	37,7
	6H	43,2	43,9	43,7	44,4	44,9	36,5	37,2	37,0	37,6	38,2
	8H	43,2	43,8	43,7	44,3	44,9	36,7	37,2	37,2	37,7	38,3

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°	576802.4	590554.0	611812.6	661405.9	541043.9	185000.9	71224.7	5375.9	2084.0	833.4	833.4	833.4	0.0
50°	530903.1	524944.5	528150.7	540072.0	524486.6	216350.8	69870.6	3117.7	2200.9	916.8	916.8	458.9	0.0
55°	530234.3	516354.5	485015.4	436718.7	457839.5	261261.8	69618.1	3082.3	2363.9	1027.4	1027.4	514.3	0.0
60°	594104.8	567585.5	498627.3	393123.1	380158.5	301945.4	67661.9	3241.5	2474.9	1178.6	0.0	590.0	0.0
65°	702885.8	668725.1	574580.1	410018.1	314768.1	287147.7	62059.7	3556.4	2788.8	698.0	0.0	0.0	0.0
70°	830615.0	801325.8	689307.5	461840.1	291576.2	240654.8	61865.7	4050.3	3187.8	0.0	0.0	0.0	0.0
75°	598905.7	652424.0	602332.4	528317.0	314150.3	207571.1	59891.6	4553.8	3871.5	0.0	0.0	0.0	0.0
80°	196862.4	234200.1	225714.1	324145.3	304796.5	205178.9	53967.1	6109.3	5261.9	0.0	0.0	0.0	0.0
85°	135252.3	145398.3	118344.8	128490.8	142013.8	114960.3	30092.8	9808.3	9808.3	0.0	0.0	0.0	0.0

Lichttechnischer Prüfbefund

Familie Lunis micro round	Bestell-Nr.: 51DJ11B71WN21 EAN: 4058352131695	LP-Nummer 57409_5
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Leuchtdichten in cd/m² γ 65° γ 70° γ 75° γ 80° γ 85° **siteco**

