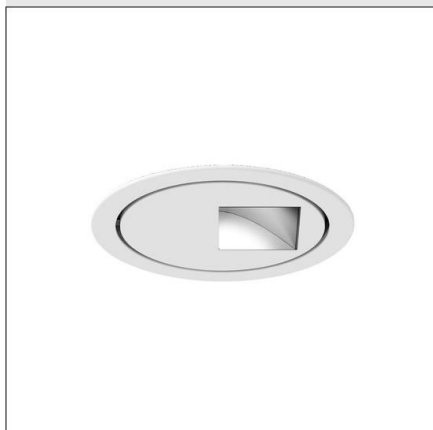


Lichttechnischer Prüfbefund

Familie
Lunis mini round

Bestell-Nr.: 51DK11B72WF21
EAN: 4058352105474

LP-Nummer
57410_2



Ausführung Wallwasher, Reflektor, Alu, direkt, asymmetrisch strahlend

Bestückung 1 x LED 3000K / CRI ≥ 80
(unbekannt LED 3000K / CRI = 80)

Betriebsgerät EVG

Bemessungswerte Nettolichtstrom = 2380 lm
Systemleistung = 28.1 W
Lichtausbeute = 84.7 lm/W

Seriendokumentation
16.02.2017

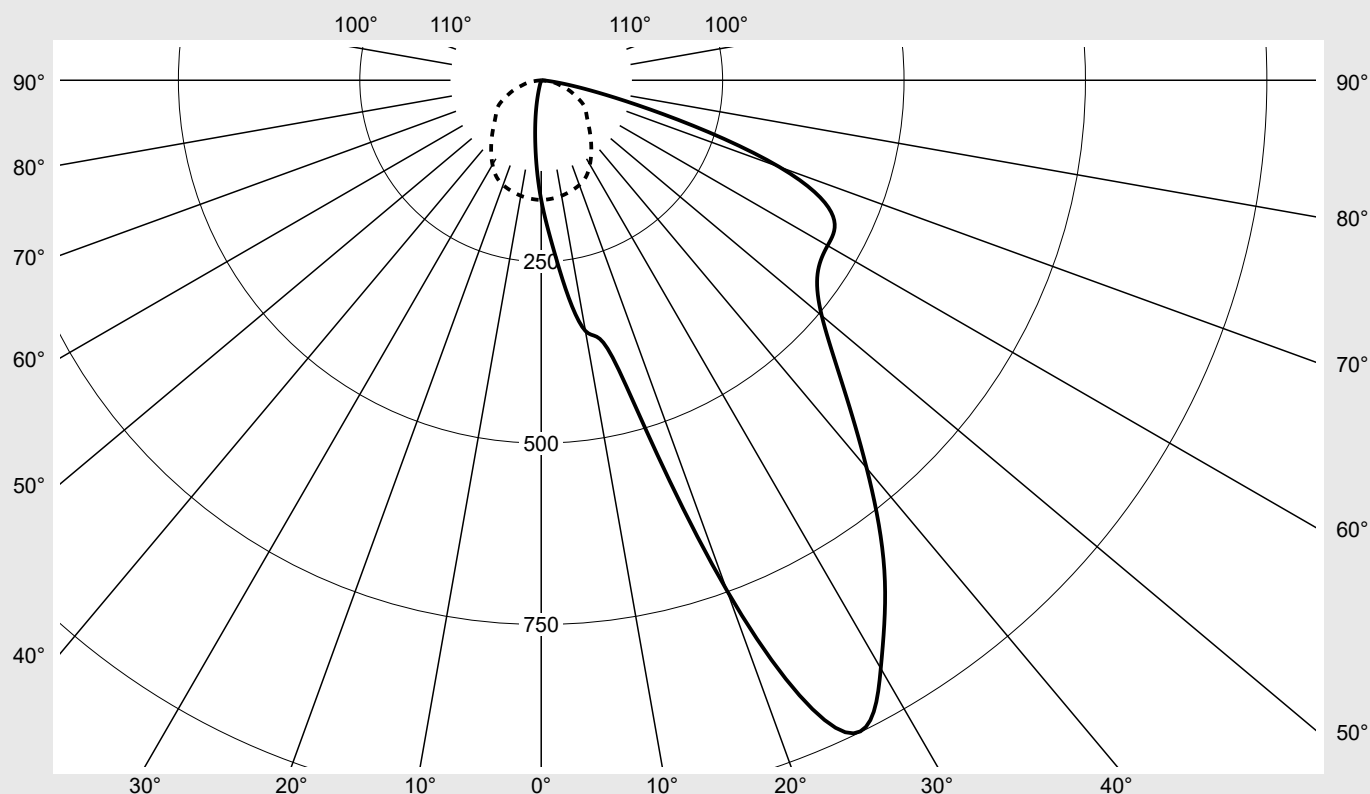
siteco

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.: 51DK11B72WF21 EAN: 4058352105474	LP-Nummer 57410_2
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Wertetabelle Lichtstärkemessung	Maximale Lichtstärke	sitEco
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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.: 51DK11B72WF21 EAN: 4058352105474	LP-Nummer 57410_2
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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.: 51DK11B72WF21 EAN: 4058352105474	LP-Nummer 57410_2
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UGR-Tabelle		Standardraum									
		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
Raumabmessungen											
x	y										
2H	2H	37,7	39,5	38,1	39,8	40,1	31,5	33,3	31,9	33,6	33,9
	3H	40,3	41,9	40,7	42,2	42,6	32,4	34,0	32,8	34,4	34,7
	4H	40,9	42,3	41,3	42,7	43,0	32,7	34,2	33,1	34,6	35,0
	6H	41,0	42,3	41,4	42,7	43,1	32,9	34,3	33,3	34,7	35,1
	8H	41,0	42,2	41,4	42,6	43,0	32,9	34,3	33,3	34,7	35,1
	12H	41,0	42,2	41,5	42,6	43,0	32,9	34,2	33,3	34,6	35,0
4H	2H	38,3	39,8	38,6	40,1	40,5	33,0	34,5	33,4	34,8	35,2
	3H	41,1	42,4	41,6	42,8	43,2	34,2	35,5	34,7	35,9	36,3
	4H	41,8	42,9	42,2	43,3	43,8	34,7	35,8	35,2	36,2	36,7
	6H	42,0	42,9	42,4	43,4	43,8	35,1	36,0	35,5	36,5	36,9
	8H	42,0	42,9	42,4	43,3	43,8	35,1	36,0	35,6	36,5	37,0
	12H	42,0	42,8	42,5	43,2	43,7	35,1	36,0	35,6	36,4	36,9
8H	4H	41,9	42,9	42,4	43,3	43,8	35,7	36,6	36,2	37,0	37,5
	6H	42,2	42,9	42,6	43,4	43,9	36,2	36,9	36,6	37,4	37,9
	8H	42,2	42,8	42,7	43,3	43,8	36,3	36,9	36,8	37,4	37,9
	12H	42,2	42,7	42,7	43,2	43,8	36,3	36,9	36,8	37,4	37,9
12H	4H	42,0	42,8	42,4	43,3	43,7	35,8	36,5	36,3	37,0	37,5
	6H	42,2	42,8	42,7	43,3	43,8	36,3	36,9	36,8	37,3	37,9
	8H	42,2	42,8	42,7	43,3	43,8	36,4	36,9	36,9	37,4	38,0

Leuchtdichten-Tabelle		Max. für $\gamma \geq 65^\circ$											
		Lichttechnische Abmessungen in mm:											
		L = 68 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°	535853.2	540587.6	570991.9	567752.5	513170.6	222543.4	85736.0	6679.4	0.0	0.0	0.0	0.0	0.0
50°	508862.6	505299.1	512975.6	466367.1	470202.8	254103.6	83568.2	2659.0	0.0	0.0	0.0	0.0	0.0
55°	525402.4	511578.9	482694.7	399433.2	411723.2	290483.1	85048.1	1444.2	0.0	0.0	0.0	0.0	0.0
60°	590739.1	566070.6	497685.7	389124.8	358460.9	315035.0	86848.0	1410.4	0.0	0.0	0.0	0.0	0.0
65°	680558.4	654282.3	579224.0	419505.2	317764.4	281901.6	81691.4	1417.1	0.0	0.0	0.0	0.0	0.0
70°	661606.6	679135.9	652853.3	472502.5	298335.3	236406.6	77807.3	1546.4	0.0	0.0	0.0	0.0	0.0
75°	388111.5	433072.8	480050.1	442596.5	315939.0	222252.4	68841.9	1635.3	0.0	0.0	0.0	0.0	0.0
80°	164414.5	176593.8	198918.1	221246.1	255753.4	211403.4	65968.8	2131.3	0.0	0.0	0.0	0.0	0.0
85°	52577.2	66729.2	90995.0	86949.5	113230.7	111616.9	22042.3	3636.5	0.0	0.0	0.0	0.0	0.0

Lichttechnischer Prüfbefund

Familie Lunis mini round	Bestell-Nr.: 51DK11B72WF21 EAN: 4058352105474	LP-Nummer 57410_2
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Leuchtdichten in cd/m² γ 65° γ 70° γ 75° γ 80° γ 85° **siteco**

