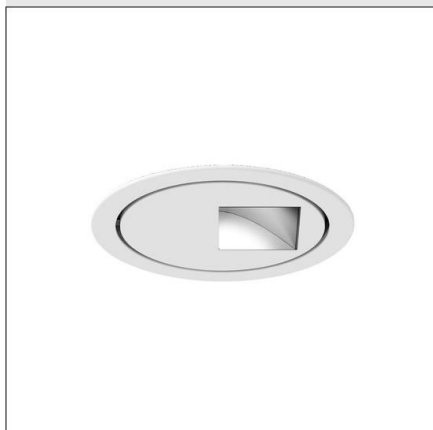


Lichttechnischer Prüfbefund

Familie
Lunis mini round

Bestell-Nr.: 51DK11B72WG21
EAN: 4058352105535

LP-Nummer
57410_1



Ausführung Wallwasher, Reflektor, Alu, direkt, asymmetrisch strahlend

Bestückung 1 x LED 4000K / CRI ≥ 80
(unbekannt LED 4000K / CRI = 80)

Betriebsgerät EVG

Bemessungswerte Nettolichtstrom = 2470 lm
Systemleistung = 28.1 W
Lichtausbeute = 87.9 lm/W

Seriendokumentation
16.02.2017

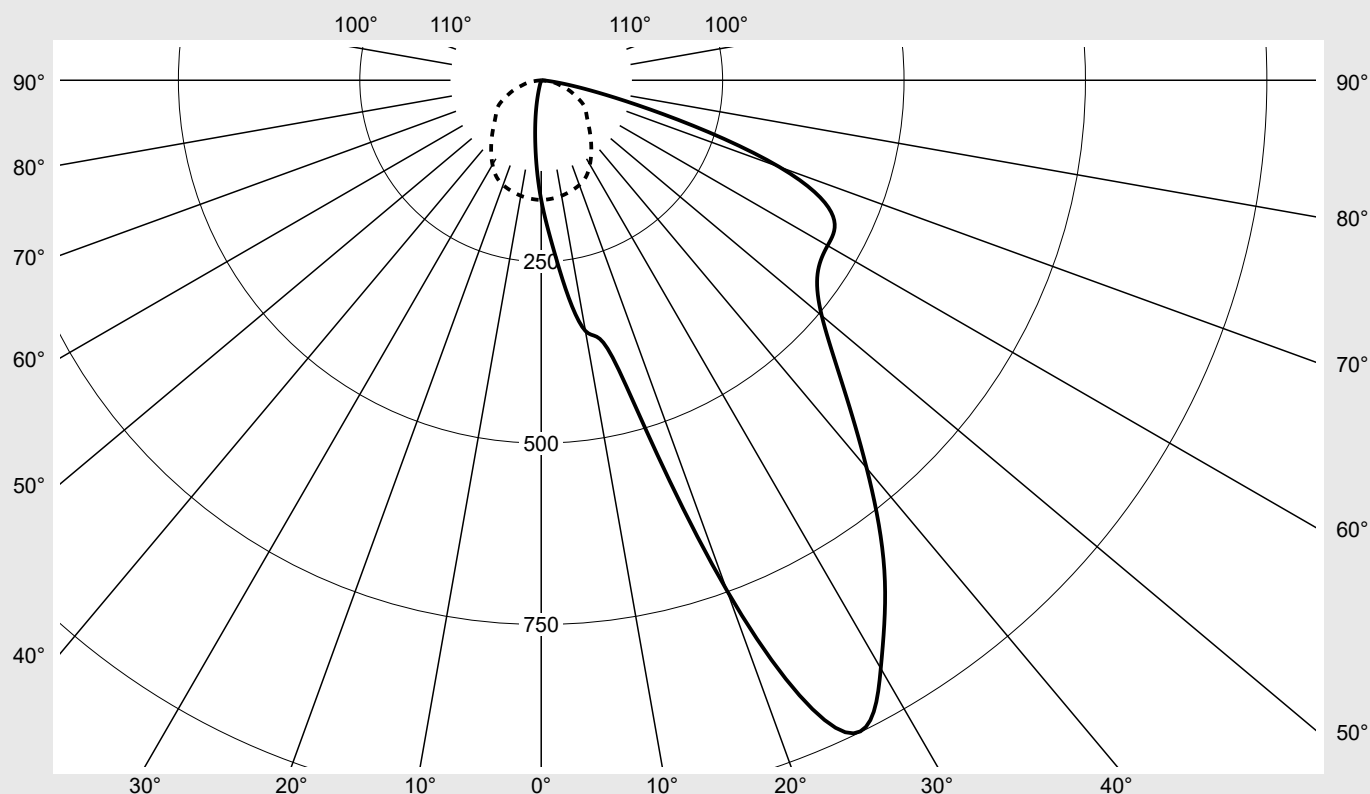
siteco

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.: 51DK11B72WG21 EAN: 4058352105535	LP-Nummer 57410_1
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.: 51DK11B72WG21 EAN: 4058352105535	LP-Nummer 57410_1
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°	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.: 51DK11B72WG21 EAN: 4058352105535	LP-Nummer 57410_1
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UGR-Tabelle		Standardraum									
		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
Raumabmessungen											
x	y										
2H	2H	37,9	39,6	38,2	39,9	40,2	31,7	33,4	32,0	33,7	34,0
	3H	40,4	42,0	40,8	42,3	42,7	32,6	34,2	32,9	34,5	34,9
	4H	41,0	42,4	41,4	42,8	43,2	32,9	34,4	33,2	34,7	35,1
	6H	41,1	42,4	41,5	42,8	43,2	33,0	34,4	33,4	34,8	35,2
	8H	41,1	42,4	41,5	42,8	43,2	33,0	34,4	33,4	34,8	35,2
	12H	41,2	42,3	41,6	42,7	43,1	33,0	34,3	33,5	34,7	35,2
4H	2H	38,4	39,9	38,8	40,2	40,6	33,2	34,6	33,6	35,0	35,3
	3H	41,3	42,5	41,7	42,9	43,3	34,4	35,6	34,8	36,0	36,4
	4H	41,9	43,1	42,4	43,5	43,9	34,8	36,0	35,3	36,4	36,8
	6H	42,1	43,1	42,6	43,5	44,0	35,2	36,2	35,6	36,6	37,1
	8H	42,1	43,0	42,6	43,4	43,9	35,2	36,2	35,7	36,6	37,1
	12H	42,2	42,9	42,6	43,4	43,9	35,3	36,1	35,7	36,6	37,1
8H	4H	42,1	43,0	42,5	43,5	43,9	35,8	36,7	36,3	37,2	37,6
	6H	42,3	43,0	42,8	43,5	44,0	36,3	37,0	36,8	37,5	38,0
	8H	42,3	43,0	42,8	43,4	44,0	36,4	37,1	36,9	37,6	38,1
	12H	42,3	42,9	42,9	43,4	43,9	36,5	37,0	37,0	37,5	38,1
12H	4H	42,1	42,9	42,6	43,4	43,9	35,9	36,7	36,4	37,1	37,6
	6H	42,3	43,0	42,8	43,4	44,0	36,4	37,0	36,9	37,5	38,0
	8H	42,3	42,9	42,8	43,4	43,9	36,5	37,1	37,0	37,6	38,1

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°	556116.6	561030.0	592584.0	589222.2	532576.2	230958.9	88978.2	6932.0	0.0	0.0	0.0	0.0	0.0
50°	528105.3	524407.0	532373.8	484002.8	487983.6	263712.5	86728.3	2759.5	0.0	0.0	0.0	0.0	0.0
55°	545270.5	530924.4	500947.9	414537.8	427292.6	301467.8	88264.2	1498.8	0.0	0.0	0.0	0.0	0.0
60°	613077.9	587476.6	516505.8	403839.6	372016.2	326948.1	90132.1	1463.7	0.0	0.0	0.0	0.0	0.0
65°	706293.8	679024.1	601127.4	435368.8	329780.7	292561.7	84780.5	1470.7	0.0	0.0	0.0	0.0	0.0
70°	686625.3	704817.5	677541.0	490370.2	309616.8	245346.4	80749.6	1604.8	0.0	0.0	0.0	0.0	0.0
75°	402788.0	449449.5	498203.3	459333.4	327886.2	230656.9	71445.2	1697.1	0.0	0.0	0.0	0.0	0.0
80°	170631.9	183271.7	206440.2	229612.5	265424.7	219397.6	68463.5	2211.9	0.0	0.0	0.0	0.0	0.0
85°	54565.4	69252.6	94436.0	90237.5	117512.5	115837.7	22875.8	3774.0	0.0	0.0	0.0	0.0	0.0

Lichttechnischer Prüfbefund

Familie Lunis mini round	Bestell-Nr.: 51DK11B72WG21 EAN: 4058352105535	LP-Nummer 57410_1
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Leuchtdichten in cd/m² γ 65° γ 70° γ 75° γ 80° γ 85° **siteco**

