

Lichttechnischer Prüfbefund

Familie
Lunis® micro square

Bestell-Nr.: 51DE11CD3FF22 + 59DL1L0000G0000D0
EAN: 4058352107003 + 4058352030165

LP-Nummer
56951_31



Ausführung Prismenscheibe, Darklightreflektor
hochglänzend, medium strahlend, UGR≤22
(L65≤3000cd/m²)

Bestückung LED 3000K / CRI ≥ 80

Betriebsgerät EVG-DALI

Bemessungswerte Nettolichtstrom = 2620 lm
Systemleistung = 27.4 W
Lichtausbeute = 95.6 lm/W

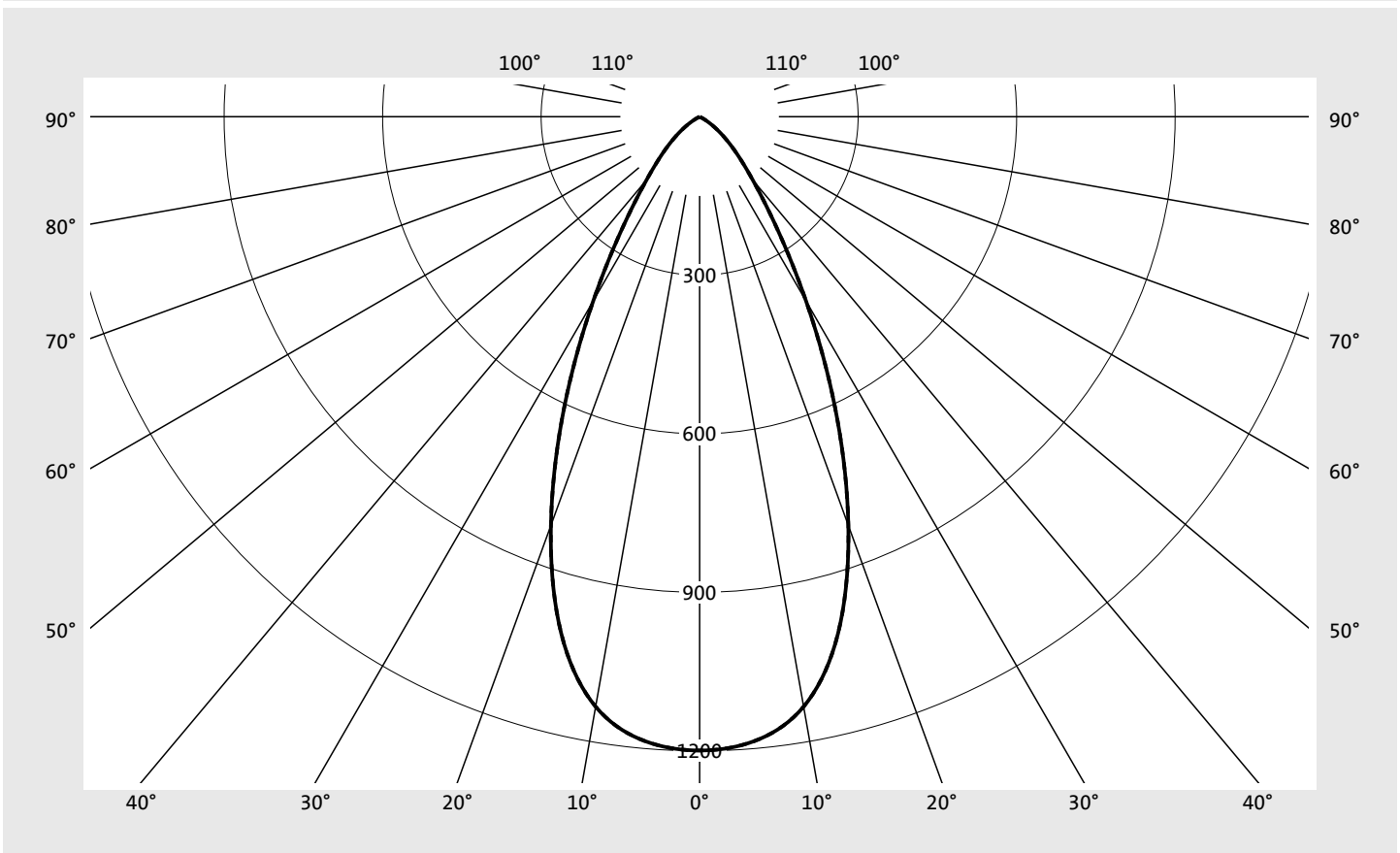
Seriendokumentation
01.09.2017

siteco

Lichtstärke in cd/klm

C180-0 C270-90

Imax: 1199 cd/klm



Klassifizierungen

DIN 5040 A 7 0
CIE N1=89 N2=100 N3=100
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 square	Bestell-Nr.: 51DE11CD3FF22 + 59DL1L0000G0000D0 EAN: 4058352107003 + 4058352030165	LP-Nummer 56951_31
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		sITeco

C- Ebenen	0° 180°	15°	30°	45°	60°	75°	90° 270°	Phi-Zone	Summe Phi-Zone
		165° 195° 345°	150° 210° 330°	135° 225° 315°	120° 240° 300°	105° 255° 285°			
γ		Lichtstärke in cd/klm						Lichtstrom in lm/klm	
0°	1199.3	1199.3	1199.3	1199.3	1199.3	1199.3	1199.3	7.2	7.2
5°	1186.1	1185.8	1185.1	1185.5	1185.1	1185.8	1186.1	56.6	63.8
10°	1133.5	1134.5	1136.6	1138.8	1136.6	1134.5	1133.5	108.1	171.9
15°	1012.2	1017.8	1030.5	1037.0	1030.5	1017.8	1012.2	145.3	317.2
20°	823.0	836.6	861.1	874.5	861.1	836.6	823.0	159.1	476.4
25°	606.1	623.9	661.5	678.5	661.5	623.9	606.1	148.9	625.2
30°	402.8	422.8	468.8	489.5	468.8	422.8	402.8	122.2	747.4
35°	250.0	267.6	309.2	331.4	309.2	267.6	250.0	90.9	838.3
40°	156.5	168.2	196.0	213.8	196.0	168.2	156.5	64.5	902.9
45°	100.9	108.0	122.8	132.0	122.8	108.0	100.9	44.9	947.7
50°	62.4	66.7	73.2	74.7	73.2	66.7	62.4	29.2	976.9
55°	33.2	35.5	37.3	36.6	37.3	35.5	33.2	16.1	993.0
60°	11.8	12.5	13.4	13.4	13.4	12.5	11.8	6.1	999.1
65°	1.0	1.5	2.2	2.1	2.2	1.5	1.0	0.9	1000.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
90°	0.0	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	0.0	1000.0
100°	0.0	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	0.0	1000.0
110°	0.0	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	0.0	1000.0
120°	0.0	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	0.0	1000.0
130°	0.0	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	0.0	1000.0
140°	0.0	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	0.0	1000.0
150°	0.0	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	0.0	1000.0
160°	0.0	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	0.0	1000.0
170°	0.0	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	0.0	1000.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0

Lichttechnischer Prüfbefund

Familie Lunis® micro square	Bestell-Nr.: 51DE11CD3FF22 + 59DL1L0000G0000D0 EAN: 4058352107003 + 4058352030165	LP-Nummer 56951_31
---------------------------------------	--	------------------------------

UGR-Tabelle		Standardraum									
Raumabmessungen		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
x	y										
2H	2H	22,1	23,3	22,5	23,6	23,9	22,1	23,3	22,5	23,6	23,9
	3H	22,0	23,0	22,4	23,4	23,7	22,0	23,0	22,4	23,4	23,7
	4H	21,9	22,9	22,3	23,2	23,6	21,9	22,9	22,3	23,2	23,6
	6H	21,8	22,7	22,2	23,1	23,5	21,8	22,7	22,2	23,1	23,5
	8H	21,9	22,6	22,3	23,0	23,4	21,9	22,6	22,3	23,0	23,4
	12H	21,9	22,5	22,3	22,9	23,3	21,9	22,5	22,3	22,9	23,3
4H	2H	22,0	22,9	22,4	23,3	23,6	22,0	22,9	22,4	23,3	23,6
	3H	21,8	22,6	22,2	23,0	23,4	21,8	22,6	22,2	23,0	23,4
	4H	21,7	22,4	22,1	22,8	23,2	21,7	22,4	22,1	22,8	23,2
	6H	21,6	22,2	22,1	22,6	23,1	21,6	22,2	22,1	22,6	23,1
	8H	21,6	22,1	22,0	22,5	23,0	21,6	22,1	22,0	22,5	23,0
	12H	21,6	22,0	22,1	22,4	22,9	21,6	22,0	22,1	22,4	22,9
8H	4H	21,6	22,1	22,0	22,5	23,0	21,6	22,1	22,0	22,5	23,0
	6H	21,4	21,9	21,9	22,3	22,9	21,4	21,9	21,9	22,3	22,9
	8H	21,4	21,8	21,9	22,2	22,8	21,4	21,8	21,9	22,2	22,8
	12H	21,4	21,6	21,9	22,1	22,7	21,4	21,6	21,9	22,1	22,7
12H	4H	21,6	22,0	22,1	22,4	22,9	21,6	22,0	22,1	22,4	22,9
	6H	21,4	21,8	21,9	22,2	22,8	21,4	21,8	21,9	22,2	22,8
	8H	21,4	21,6	21,9	22,1	22,7	21,4	21,6	21,9	22,1	22,7

Leuchtdichten-Tabelle		Max. für $\gamma \geq 65^\circ$		Lichttechnische Abmessungen in mm:		L = 82	B = 82	
C-Ebenen	γ	0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°
Leuchtdichte in cd/m ²								
45°		55580.8	59498.7	67650.9	72731.6	67650.9	59498.7	55580.8
50°		37850.3	40412.6	44401.3	45303.9	44401.3	40412.6	37850.3
55°		22579.0	24145.5	25320.1	24863.6	25320.1	24145.5	22579.0
60°		9207.4	9769.3	10443.4	10406.0	10443.4	9769.3	9207.4
65°		886.0	1417.1	1992.4	1948.2	1992.4	1417.1	886.0
70°		0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°		0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°		0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°		0.0	0.0	0.0	0.0	0.0	0.0	0.0

Lichttechnischer Prüfbefund

Familie Lunis® micro square	Bestell-Nr.: 51DE11CD3FF22 + 59DL1L0000G0000D0 EAN: 4058352107003 + 4058352030165	LP-Nummer 56951_31
--	--	-------------------------------------

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

