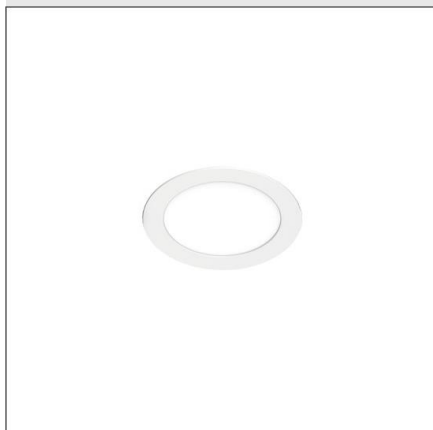


Lichttechnischer Prüfbefund

Familie
Lunis 41

Bestell-Nr.: 51DR107DGBA
EAN: 4058352509920

LP-Nummer
59234_1



Ausführung Abdeckung, diffus, extrem breit strahlend, einstellbare Farbtemperatur: 3000 K | 4000 K
Bestückung LED 3000 K | CRI ≥ 80
Betriebsgerät EVG
Einstellung indiv. Einstellung: Farbtemperatur 3000K
Bemessungswerte Nettolichtstrom = 1250 lm
 Systemleistung = 15.0 W
 Lichtausbeute = 83.3 lm/W

Seriendokumentation
07.12.2021

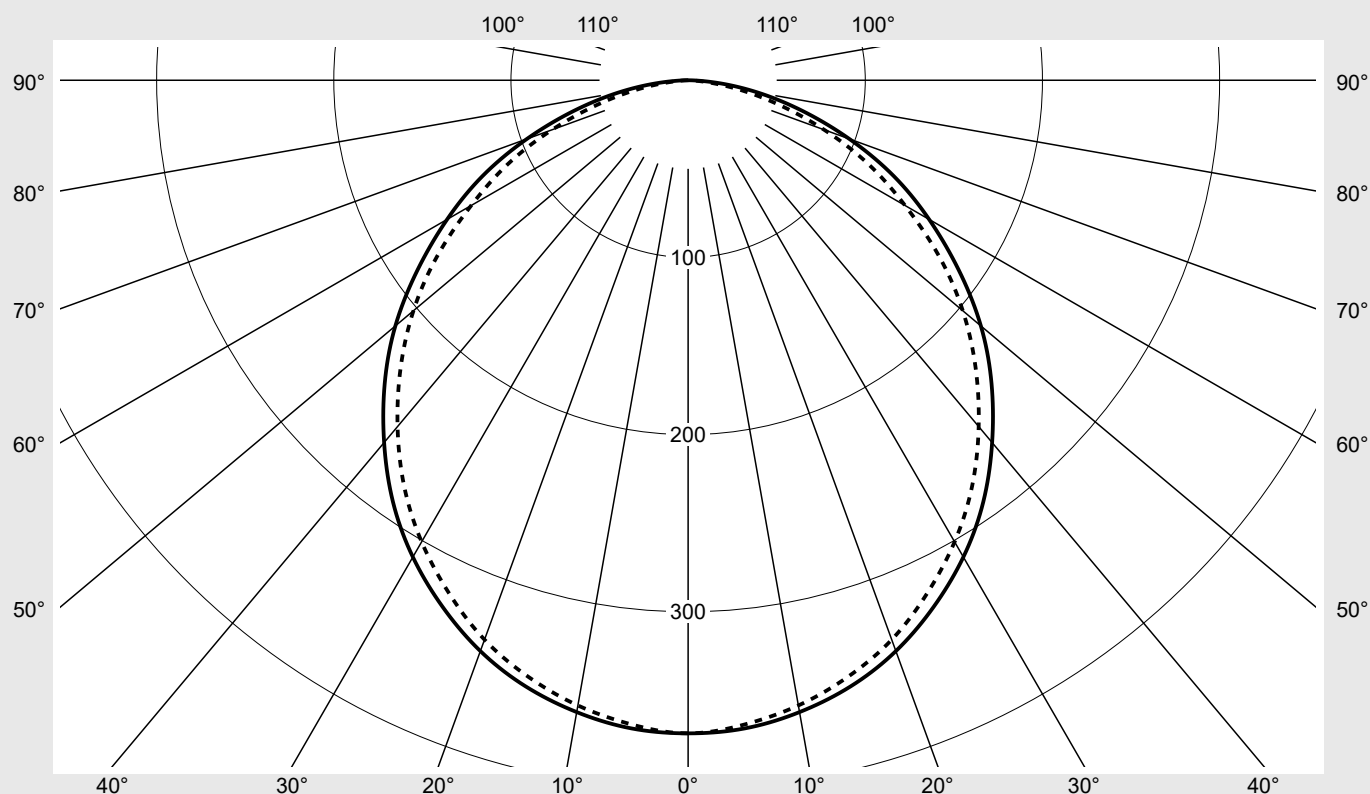
siteco

Lichtstärke in cd/klm

C180-0

C270-90

Imax: 369 cd/klm



Klassifizierungen

DIN 5040 A 4 0
 CIE N1=49 N2=80 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 41	Bestell-Nr.: 51DR107DGBA EAN: 4058352509920	LP-Nummer 59234_1
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Wertetabelle Lichtstärkemessung	Maximale Lichtstärke	sITeco
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C- Ebenen	0° 180°	15°	30°	45°	60°	75°	90° 270°	Phi-Zone	Summe	
		165° 195° 345°	150° 210° 330°	135° 225° 315°	120° 240° 300°	105° 255° 285°			Phi-Zone	Phi-Zone
γ										
Lichtstärke in cd/klm										
Lichtstrom in lm/klm										
0°	368.6	368.6	368.6	368.6	368.6	368.6	368.6	2.2	2.2	
5°	367.2	366.8	366.3	365.8	365.5	365.3	365.0	17.5	19.7	
10°	362.1	361.4	360.8	360.1	359.5	358.9	358.3	34.3	54.0	
15°	354.2	353.1	351.9	350.8	350.1	349.3	348.6	49.8	103.8	
20°	342.9	341.5	340.1	338.8	337.8	336.9	336.0	63.6	167.3	
25°	327.9	326.3	324.6	323.0	321.8	320.6	319.4	74.9	242.3	
30°	310.7	308.8	306.8	304.8	303.5	302.2	300.8	83.7	325.9	
35°	290.5	288.3	286.2	284.0	282.5	281.0	279.5	89.4	415.4	
40°	267.0	264.6	262.3	260.0	258.4	256.8	255.2	91.8	507.2	
45°	242.2	239.7	237.3	234.8	233.0	231.3	229.5	91.2	598.4	
50°	215.7	213.2	210.6	208.1	206.2	204.3	202.4	87.6	686.0	
55°	186.3	184.1	181.9	179.7	177.4	175.1	172.8	80.7	766.6	
60°	157.1	154.5	151.9	149.2	146.6	144.0	141.4	70.8	837.5	
65°	128.1	125.1	122.0	118.9	116.8	114.6	112.5	59.4	896.9	
70°	96.9	93.9	90.9	87.9	85.9	83.8	81.7	45.6	942.5	
75°	66.8	64.2	61.7	59.2	57.0	54.7	52.5	31.5	974.0	
80°	40.0	39.6	39.2	38.8	35.1	31.4	27.8	19.6	993.6	
85°	16.1	14.5	12.9	11.3	10.3	9.3	8.3	6.4	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 41	Bestell-Nr.: 51DR107DGBA EAN: 4058352509920	LP-Nummer 59234_1
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UGR-Tabelle		Standardraum									
Raumabmessungen		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
x	y										
2H	2H	24,5	26,2	24,9	26,5	26,8	24,2	25,9	24,5	26,2	26,5
	3H	26,1	27,6	26,5	28,0	28,3	25,6	27,1	26,0	27,4	27,8
	4H	26,8	28,2	27,1	28,5	28,9	26,1	27,5	26,5	27,9	28,2
	6H	27,2	28,5	27,6	28,9	29,3	26,4	27,7	26,8	28,1	28,5
	8H	27,4	28,6	27,8	29,0	29,4	26,5	27,7	26,9	28,1	28,5
	12H	27,5	28,7	28,0	29,1	29,5	26,5	27,7	27,0	28,1	28,5
4H	2H	25,2	26,6	25,6	27,0	27,4	25,0	26,4	25,3	26,7	27,1
	3H	27,0	28,2	27,4	28,6	29,0	26,5	27,7	27,0	28,1	28,5
	4H	27,7	28,8	28,1	29,2	29,6	27,1	28,2	27,6	28,6	29,1
	6H	28,3	29,3	28,8	29,7	30,1	27,6	28,5	28,0	28,9	29,4
	8H	28,5	29,4	29,0	29,8	30,3	27,7	28,5	28,1	29,0	29,5
	12H	28,7	29,4	29,2	29,9	30,4	27,7	28,5	28,2	29,0	29,5
8H	4H	28,0	28,9	28,5	29,3	29,8	27,5	28,3	27,9	28,8	29,2
	6H	28,7	29,4	29,2	29,9	30,4	28,0	28,8	28,5	29,2	29,7
	8H	29,0	29,6	29,5	30,1	30,6	28,2	28,8	28,7	29,3	29,8
	12H	29,2	29,7	29,7	30,2	30,7	28,3	28,8	28,8	29,3	29,9
12H	4H	28,0	28,8	28,5	29,3	29,7	27,5	28,3	28,0	28,8	29,2
	6H	28,8	29,4	29,3	29,9	30,4	28,1	28,8	28,6	29,2	29,8
	8H	29,1	29,6	29,6	30,1	30,7	28,3	28,9	28,8	29,4	29,9

Leuchtdichten-Tabelle Max. für $\gamma \geq 65^\circ$

Lichttechnische Abmessungen in mm: D = 125

C-Ebenen	γ	Leuchtdichte in cd/m ²							
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°	
45°		34890.4	34535.7	34181.2	33826.4	33570.4	33314.6	33058.6	
50°		34182.6	33780.4	33378.4	32976.2	32674.3	32372.8	32071.0	
55°		33087.8	32695.9	32303.6	31911.5	31501.5	31091.2	30681.2	
60°		32000.5	31467.8	30935.4	30402.7	29870.2	29337.5	28805.0	
65°		30886.1	30139.9	29393.5	28647.3	28139.5	27631.7	27123.8	
70°		28844.7	27960.2	27075.7	26191.5	25571.4	24951.6	24331.9	
75°		26280.3	25281.1	24282.6	23283.8	22414.5	21545.9	20676.5	
80°		23448.7	23210.5	22971.8	22733.6	20589.7	18446.3	16302.3	
85°		18776.4	16936.8	15098.5	13258.9	12072.7	10886.5	9699.1	

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

