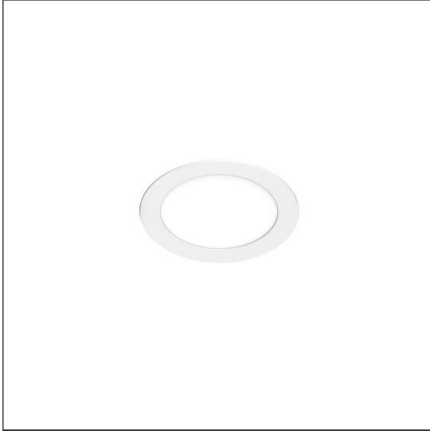


Lichttechnischer Prüfbefund

Familie
Lunis 41



Bestell-Nr.: 51DR107DHBA
EAN: 4058352509937

LP-Nummer
59234_3

Ausführung Abdeckung, diffus, extrem breit strahlend, einstellbare Farbtemperatur: 4000 K | 5700 K
Bestückung LED 4000 K | CRI ≥ 80
Betriebsgerät EVG
Einstellung indiv. Einstellung: Farbtemperatur 4000K
Bemessungswerte Nettolichtstrom = 1360 lm
 Systemleistung = 15.0 W
 Lichtausbeute = 90.7 lm/W

Seriendokumentation
07.12.2021

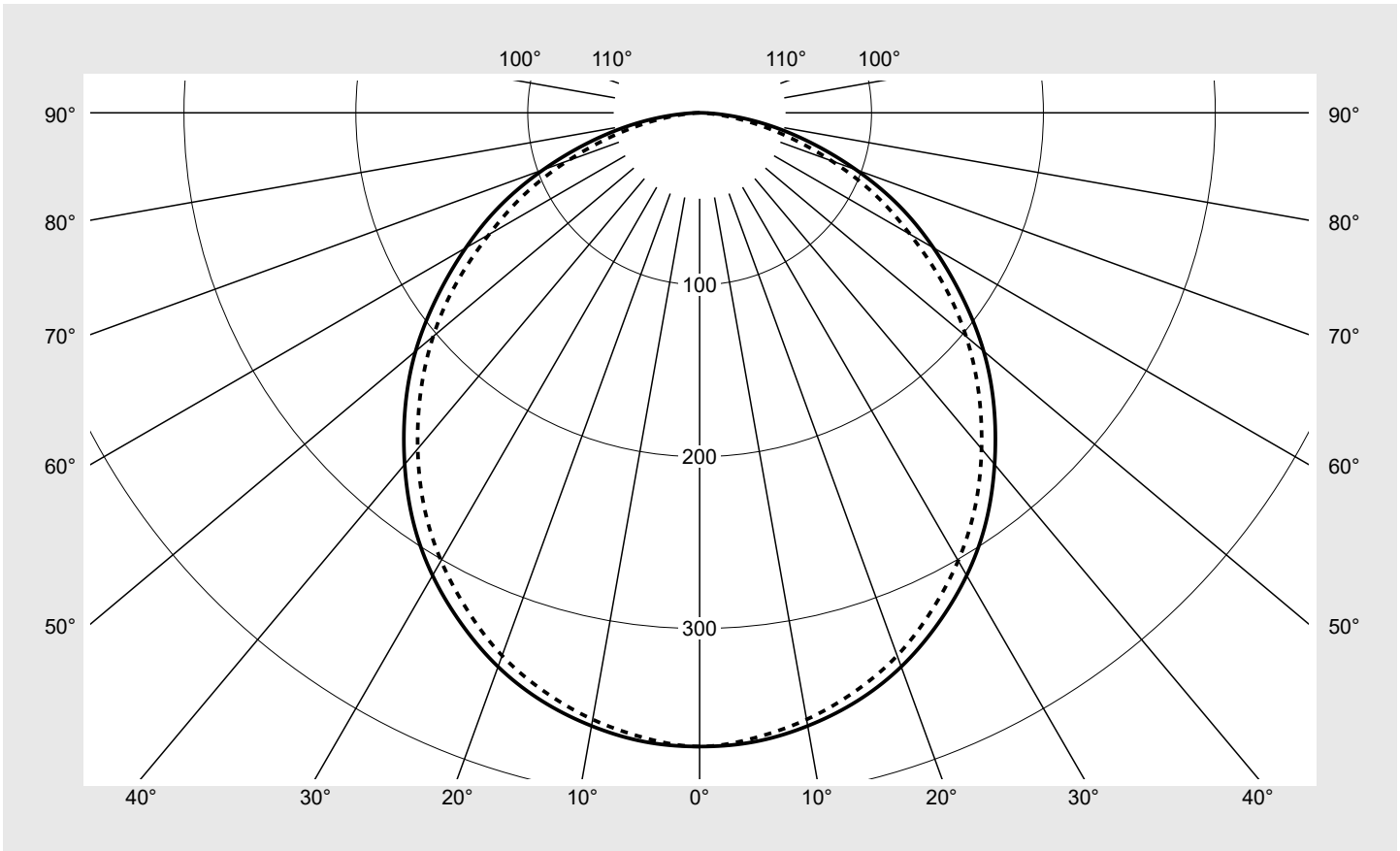
sitEco

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.: 51DR107DHBA EAN: 4058352509937	LP-Nummer 59234_3
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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.: 51DR107DHBA EAN: 4058352509937	LP-Nummer 59234_3
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UGR-Tabelle		Standardraum									
		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
Raumabmessungen											
x	y										
2H	2H	24,8	26,5	25,2	26,8	27,1	24,5	26,2	24,8	26,5	26,8
	3H	26,4	27,9	26,8	28,3	28,6	25,9	27,4	26,3	27,7	28,1
	4H	27,0	28,5	27,4	28,8	29,2	26,4	27,8	26,8	28,2	28,5
	6H	27,5	28,8	27,9	29,2	29,6	26,7	28,0	27,1	28,4	28,8
	8H	27,7	28,9	28,1	29,3	29,7	26,8	28,0	27,2	28,4	28,8
	12H	27,8	29,0	28,2	29,4	29,8	26,8	28,0	27,3	28,4	28,8
4H	2H	25,5	26,9	25,9	27,3	27,7	25,2	26,7	25,6	27,0	27,4
	3H	27,3	28,5	27,7	28,9	29,3	26,8	28,0	27,2	28,4	28,8
	4H	28,0	29,1	28,4	29,5	29,9	27,4	28,5	27,9	28,9	29,3
	6H	28,6	29,5	29,1	30,0	30,4	27,9	28,8	28,3	29,2	29,7
	8H	28,8	29,7	29,3	30,1	30,6	28,0	28,8	28,4	29,3	29,8
	12H	29,0	29,7	29,4	30,2	30,7	28,0	28,8	28,5	29,3	29,8
8H	4H	28,3	29,1	28,7	29,6	30,1	27,8	28,6	28,2	29,1	29,5
	6H	29,0	29,7	29,5	30,2	30,7	28,3	29,0	28,8	29,5	30,0
	8H	29,3	29,9	29,8	30,4	30,9	28,5	29,1	29,0	29,6	30,1
	12H	29,5	30,0	30,0	30,5	31,0	28,6	29,1	29,1	29,6	30,2
12H	4H	28,3	29,1	28,8	29,5	30,0	27,8	28,6	28,3	29,0	29,5
	6H	29,1	29,7	29,6	30,2	30,7	28,4	29,0	28,9	29,5	30,0
	8H	29,4	29,9	29,9	30,4	30,9	28,6	29,2	29,1	29,7	30,2

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°		37960.7	37574.8	37189.1	36803.1	36524.6	36246.3	35967.8
50°		37190.7	36753.1	36315.7	35878.1	35549.7	35221.6	34893.3
55°		35999.6	35573.1	35146.3	34719.7	34273.6	33827.3	33381.1
60°		34816.5	34236.9	33657.8	33078.2	32498.8	31919.2	31339.8
65°		33604.1	32792.3	31980.1	31168.3	30615.8	30063.2	29510.7
70°		31383.0	30420.7	29458.3	28496.3	27821.7	27147.4	26473.1
75°		28593.0	27505.8	26419.5	25332.8	24386.9	23441.9	22496.1
80°		25512.2	25253.1	24993.3	24734.2	22401.6	20069.6	17736.9
85°		20428.7	18427.3	16427.1	14425.7	13135.1	11844.5	10552.6

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Leuchtdichten in cd/m²

γ 65°	γ 70°	γ 75°	γ 80°	γ 85°
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siteco

