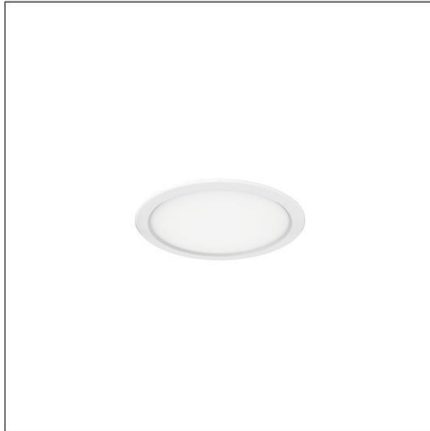


Lichttechnischer Prüfbefund

Familie
Lunis 41

Bestell-Nr.: 51DS107D43B
EAN: 4069025152121

LP-Nummer
59235_5



Ausführung Einbauleuchte, Abdeckung, diffus, extrem breit strahlend
Bestückung LED 4000 K | CRI ≥ 80
Betriebsgerät EVG
Bemessungswerte Nettolichtstrom = 1580 lm
 Systemleistung = 12.0 W
 Lichtausbeute = 131.7 lm/W

Seriendokumentation
16.01.2025

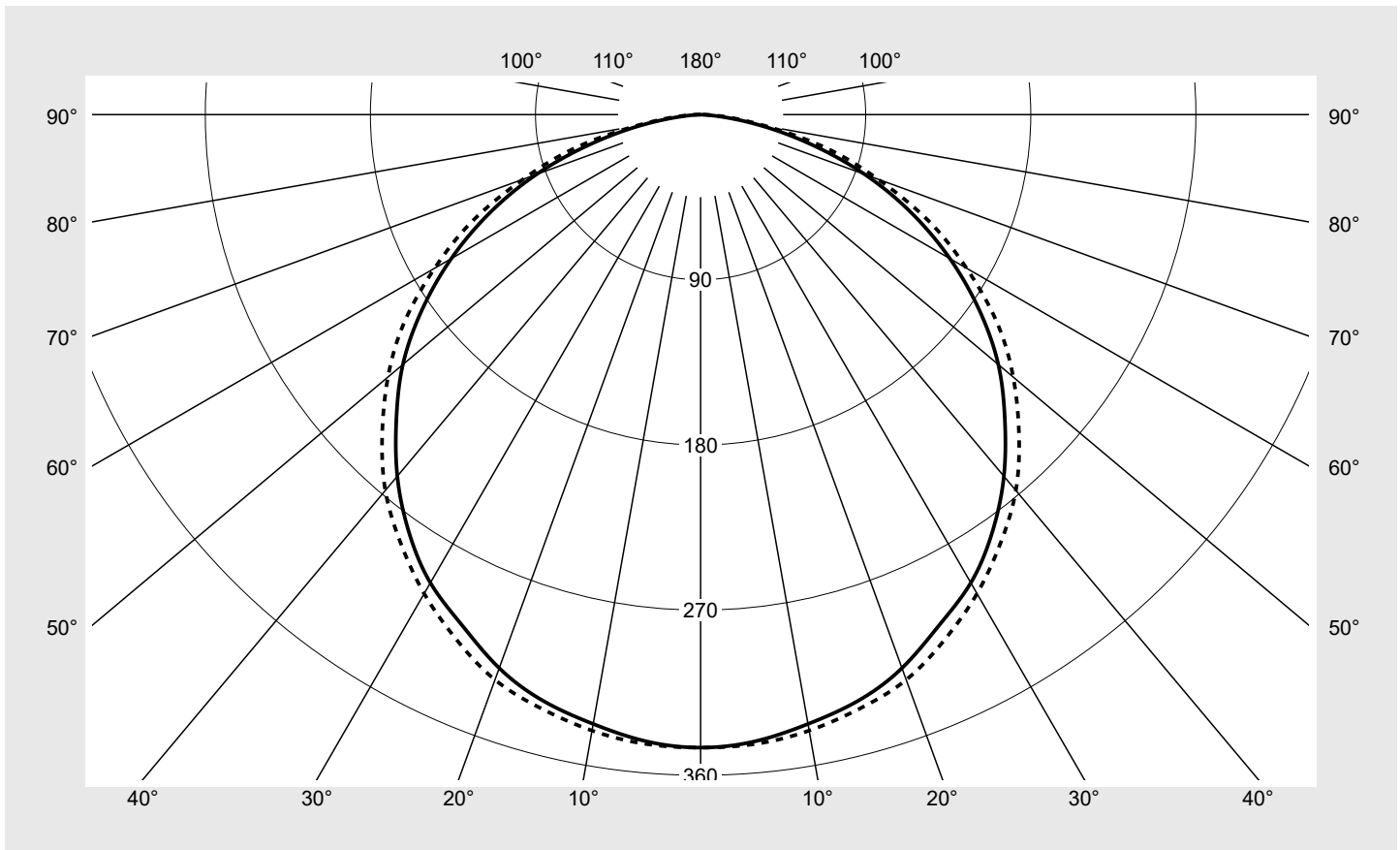
sITeco

Lichtstärke in cd/klm

C180-0

C270-90

Imax: 345 cd/klm



Klassifizierungen

DIN 5040 A 4 0
 CIE N1=47 N2=80 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 41	Bestell-Nr.: 51DS107D43B EAN: 4069025152121	LP-Nummer 59235_5
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°			
Lichtstärke in cd/klm								Lichtstrom in lm/klm	
γ									
0°	344.9	344.9	344.9	344.9	344.9	344.9	344.9	2.1	2.1
5°	342.8	344.0	345.3	344.5	343.8	344.0	344.2	16.4	18.5
10°	337.2	338.5	339.8	339.8	339.8	340.3	340.9	32.3	50.8
15°	330.8	332.2	333.6	333.6	333.6	334.4	335.1	47.3	98.1
20°	321.0	321.7	322.4	323.2	323.9	325.8	327.7	60.7	158.8
25°	307.3	309.8	312.3	312.4	312.4	313.9	315.4	72.3	231.1
30°	294.6	295.5	296.4	297.3	298.2	299.8	301.4	81.5	312.6
35°	277.4	279.1	280.8	280.3	279.9	282.5	285.1	88.2	400.8
40°	257.2	258.8	260.3	260.8	261.2	264.3	267.4	92.1	492.9
45°	234.5	236.6	238.7	238.9	239.1	242.3	245.4	92.7	585.6
50°	211.9	213.7	215.6	215.6	215.7	219.1	222.5	90.8	676.4
55°	185.4	186.8	188.2	189.0	189.8	193.5	197.1	85.2	761.6
60°	157.0	158.4	159.8	160.4	161.1	164.2	167.4	76.4	838.0
65°	126.9	126.3	125.7	127.9	130.2	133.7	137.2	64.2	902.3
70°	95.3	92.3	89.4	92.2	95.1	99.0	102.9	48.7	950.9
75°	62.0	58.6	55.2	53.5	51.8	61.7	71.6	30.7	981.6
80°	32.0	28.3	24.7	22.4	20.0	28.2	36.4	14.2	995.8
85°	8.7	7.4	6.2	5.4	4.6	9.1	13.5	4.0	999.8
90°	0.3	0.4	0.4	0.3	0.1	0.4	0.7	0.2	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.: 51DS107D43B EAN: 4069025152121	LP-Nummer 59235_5
----------------------------	--	-----------------------------

UGR-Tabelle		Standardraum									
Raumabmessungen		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
x	y										
2H	2H	24,8	26,5	25,2	26,8	27,2	25,1	26,7	25,4	27,1	27,4
	3H	26,4	27,9	26,8	28,2	28,6	26,7	28,2	27,1	28,6	28,9
	4H	26,9	28,3	27,3	28,7	29,1	27,3	28,7	27,7	29,1	29,4
	6H	27,3	28,6	27,7	28,9	29,3	27,7	29,0	28,1	29,4	29,7
	8H	27,4	28,6	27,8	29,0	29,4	27,8	29,0	28,2	29,4	29,8
	12H	27,4	28,6	27,8	28,9	29,4	27,9	29,0	28,3	29,4	29,8
4H	2H	25,6	27,0	26,0	27,4	27,8	25,8	27,2	26,2	27,6	27,9
	3H	27,3	28,5	27,7	28,9	29,3	27,5	28,8	28,0	29,1	29,5
	4H	27,9	29,0	28,3	29,4	29,8	28,2	29,3	28,6	29,7	30,1
	6H	28,3	29,2	28,7	29,7	30,1	28,6	29,5	29,1	30,0	30,4
	8H	28,4	29,2	28,8	29,7	30,2	28,7	29,6	29,2	30,0	30,5
	12H	28,4	29,2	28,9	29,7	30,1	28,8	29,6	29,3	30,0	30,5
8H	4H	28,1	29,0	28,6	29,4	29,9	28,4	29,2	28,8	29,7	30,2
	6H	28,5	29,3	29,0	29,7	30,2	28,8	29,5	29,3	30,0	30,5
	8H	28,7	29,3	29,2	29,8	30,3	28,9	29,6	29,4	30,0	30,6
	12H	28,7	29,3	29,2	29,8	30,3	29,0	29,6	29,6	30,1	30,6
12H	4H	28,1	28,9	28,6	29,3	29,8	28,4	29,2	28,9	29,6	30,1
	6H	28,6	29,2	29,1	29,7	30,2	28,8	29,4	29,3	29,9	30,4
	8H	28,7	29,2	29,2	29,7	30,3	29,0	29,5	29,5	30,0	30,5

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

Lichttechnische Abmessungen in mm: D = 136

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°		36077.3	36394.5	36711.5	36745.5	36779.5	37266.3	37753.3
50°		35850.9	36162.0	36473.5	36486.1	36498.4	37071.4	37644.5
55°		35151.0	35416.3	35681.6	35835.2	35988.8	36686.8	37384.6
60°		34142.2	34446.3	34750.9	34894.9	35039.1	35727.6	36416.1
65°		32663.6	32512.0	32360.5	32928.7	33497.2	34406.7	35316.0
70°		30294.1	29357.5	28421.0	29334.0	30247.0	31488.2	32729.0
75°		26049.2	24625.8	23202.5	22491.0	21779.6	25925.2	30070.8
80°		20012.0	17752.7	15493.5	14017.8	12542.1	17660.6	22779.2
85°		10840.8	9278.4	7717.3	6706.4	5695.6	11300.1	16903.3

Lichttechnischer Prüfbefund

Familie Lunis 41	Bestell-Nr.: 51DS107D43B EAN: 4069025152121	LP-Nummer 59235_5
----------------------------	--	-----------------------------

Leuchtdichten in cd/m²

γ 65°	γ 70°	γ 75°	γ 80°	γ 85°
--------------	--------------	--------------	--------------	--------------

siteco

