

Lichttechnischer Prüfbefund

Familie
Licross® 11 Protected

Bestell-Nr.: 51TD1BDN49XG3S4
EAN: 4058352938508

LP-Nummer
58522_253

Ausführung Prismenabdeckung, satiniert, breit strahlend
Bestückung LED 4000 K | CRI ≥ 80
Betriebsgerät EVG-DALI
Einstellung Notlichtbetrieb: 3 h
Bemessungswerte Nettolichtstrom = 920 lm
Systemleistung = 6.8 W
Lichtausbeute = 135.3 lm/W

Seriendokumentation
29.09.2023

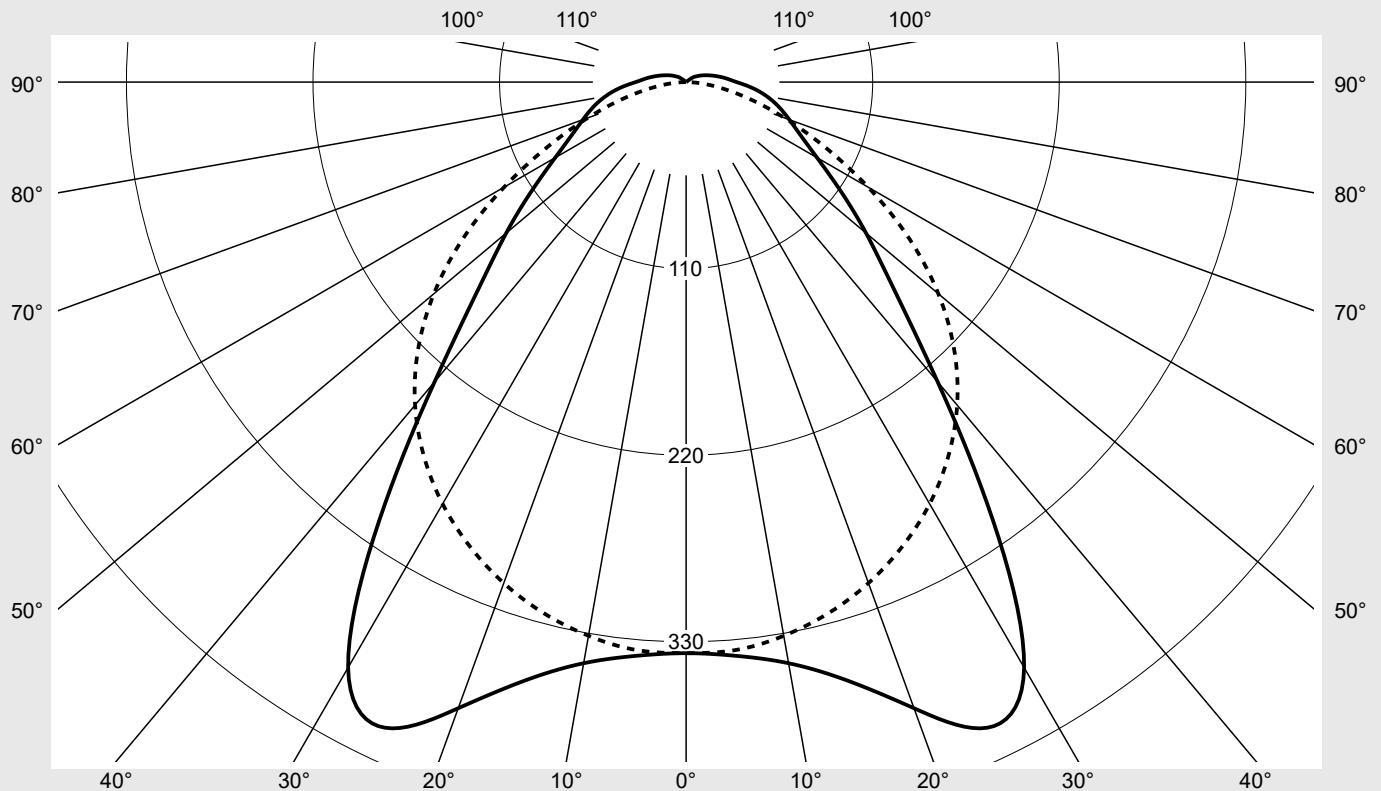
sitEco

Lichtstärke in cd/klm

C180-0

C270-90

Imax: 420 cd/klm



Klassifizierungen

DIN 5040 A 4 1
CIE N1=54 N2=82 N3=95
N4=97 N5=100

Leuchtenbetriebswirkungsgrade

η_{LB} 100,0%
 ϕ_u 96,8%
 ϕ_o 3,2%

Messbedingungen

DIN EN 13032 und DIN 5032

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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 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°	336.7	336.7	336.7	336.7	336.7	336.7	336.7	2.0	2.0
5°	339.6	338.6	335.9	336.3	336.9	336.0	336.1	16.1	18.1
10°	347.9	347.0	341.3	338.0	335.2	332.1	331.5	32.3	50.4
15°	365.1	363.4	352.6	343.0	333.9	326.3	324.2	48.8	99.2
20°	392.9	389.6	370.2	350.5	332.5	318.7	314.4	66.1	165.3
25°	420.1	417.2	393.2	361.7	330.8	309.3	301.9	83.9	249.2
30°	398.6	403.0	395.6	369.9	329.0	297.6	287.2	97.7	346.8
35°	315.4	327.2	346.9	353.5	322.7	283.2	269.5	100.9	447.7
40°	230.7	242.3	270.7	302.4	300.6	265.5	248.6	95.2	542.9
45°	173.9	182.1	205.6	239.8	258.3	240.0	223.6	85.6	628.5
50°	138.5	144.5	161.6	188.3	208.7	204.6	194.1	75.2	703.7
55°	110.6	115.5	130.2	150.3	164.6	163.9	160.4	64.4	768.0
60°	89.1	92.4	103.6	120.9	128.5	124.9	123.9	53.5	821.6
65°	74.6	76.3	82.5	95.4	99.4	91.8	89.8	43.7	865.3
70°	64.8	65.1	66.4	73.4	75.2	65.0	61.7	35.1	900.3
75°	56.7	56.1	54.1	55.3	54.0	43.4	39.3	27.4	927.8
80°	48.3	47.2	43.9	40.6	36.4	26.8	21.9	20.7	948.5
85°	39.1	38.0	34.5	29.4	22.9	14.4	9.1	14.9	963.3
90°	29.8	28.8	25.7	20.2	13.1	5.8	0.8	9.9	973.3
95°	24.0	23.5	21.4	16.6	9.9	3.5	0.7	7.9	981.2
100°	19.2	18.8	17.3	13.3	7.4	1.9	0.6	6.2	987.4
105°	15.1	14.8	13.6	10.2	5.0	0.8	0.6	4.6	992.0
110°	11.8	11.3	10.2	7.3	2.9	0.6	0.6	3.3	995.3
115°	9.0	8.5	7.3	4.7	1.4	0.7	0.7	2.3	997.6
120°	6.6	6.1	4.9	2.7	0.8	0.7	0.7	1.5	999.1
125°	4.4	4.0	2.9	1.3	0.7	0.8	0.8	0.9	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

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UGR-Tabelle		Standardraum									
Raumabmessungen		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
x	y										
2H	2H	12,9	14,5	13,2	14,8	15,1	14,8	16,4	15,1	16,7	17,0
	3H	14,0	15,5	14,4	15,9	16,2	15,8	17,2	16,2	17,6	17,9
	4H	14,7	16,1	15,1	16,5	16,8	16,1	17,5	16,5	17,9	18,2
	6H	15,5	16,8	15,9	17,2	17,5	16,4	17,7	16,8	18,0	18,4
	8H	15,9	17,1	16,3	17,5	17,9	16,5	17,7	16,9	18,1	18,5
	12H	16,3	17,4	16,7	17,8	18,2	16,5	17,7	17,0	18,0	18,5
4H	2H	13,7	15,1	14,1	15,5	15,8	15,2	16,6	15,6	16,9	17,3
	3H	15,1	16,3	15,5	16,6	17,0	16,5	17,7	16,9	18,0	18,5
	4H	15,9	17,0	16,3	17,4	17,8	17,0	18,0	17,4	18,4	18,9
	6H	16,8	17,7	17,2	18,2	18,6	17,3	18,3	17,8	18,7	19,2
	8H	17,3	18,1	17,7	18,6	19,0	17,5	18,3	17,9	18,8	19,2
	12H	17,7	18,5	18,2	19,0	19,5	17,6	18,3	18,0	18,8	19,3
8H	4H	16,3	17,2	16,8	17,6	18,1	17,2	18,1	17,7	18,5	19,0
	6H	17,4	18,1	17,9	18,6	19,1	17,8	18,5	18,3	19,0	19,5
	8H	18,0	18,6	18,5	19,1	19,6	18,0	18,6	18,5	19,1	19,6
	12H	18,6	19,2	19,1	19,6	20,2	18,2	18,7	18,7	19,2	19,7
12H	4H	16,4	17,1	16,9	17,6	18,1	17,3	18,1	17,8	18,5	19,0
	6H	17,5	18,1	18,0	18,6	19,1	17,9	18,5	18,4	19,0	19,5
	8H	18,2	18,7	18,7	19,2	19,7	18,2	18,7	18,7	19,2	19,7

Leuchtdichten-Tabelle Max. für $\gamma \geq 65^\circ$	Lichttechnische Abmessungen in mm: L = 1480 B = 78	H(C0) = 13	H(C180) = 13	H(C90) = 0	H(C270) = 0
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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°		1679.7	1767.9	2024.8	2417.7	2686.8	2592.8	2520.3	
50°		1432.4	1502.8	1709.7	2047.3	2353.6	2413.2	2406.8	
55°		1240.8	1304.7	1500.3	1787.5	2044.1	2145.1	2228.2	
60°		1102.4	1151.8	1321.0	1600.0	1789.9	1852.1	1975.5	
65°		1036.8	1070.0	1187.8	1436.6	1590.8	1585.1	1693.9	
70°		1035.0	1052.5	1108.4	1292.4	1425.6	1354.6	1437.6	
75°		1075.5	1080.0	1082.6	1181.7	1269.4	1150.5	1209.5	
80°		1139.1	1133.2	1108.4	1116.1	1133.9	988.7	1003.4	
85°		1229.7	1223.1	1189.7	1145.9	1073.7	879.4	834.1	

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

