

Lichttechnischer Prüfbefund

Familie
Licross® Protected

Bestell-Nr.: 51TS12DN4DXLD
EAN: 4058352418635

LP-Nummer
58521_23



Ausführung Prismenabdeckung, satiniert, breit strahlend
Bestückung LED 4000 K | CRI ≥ 80
Betriebsgerät EVG-DALI
Einstellung DC Betrieb (Zentral- / Gruppenakku) Initiales Notlichtlevel
Bemessungswerte Nettolichtstrom = 2100 lm
 Systemleistung = 14.7 W
 Lichtausbeute = 142.9 lm/W

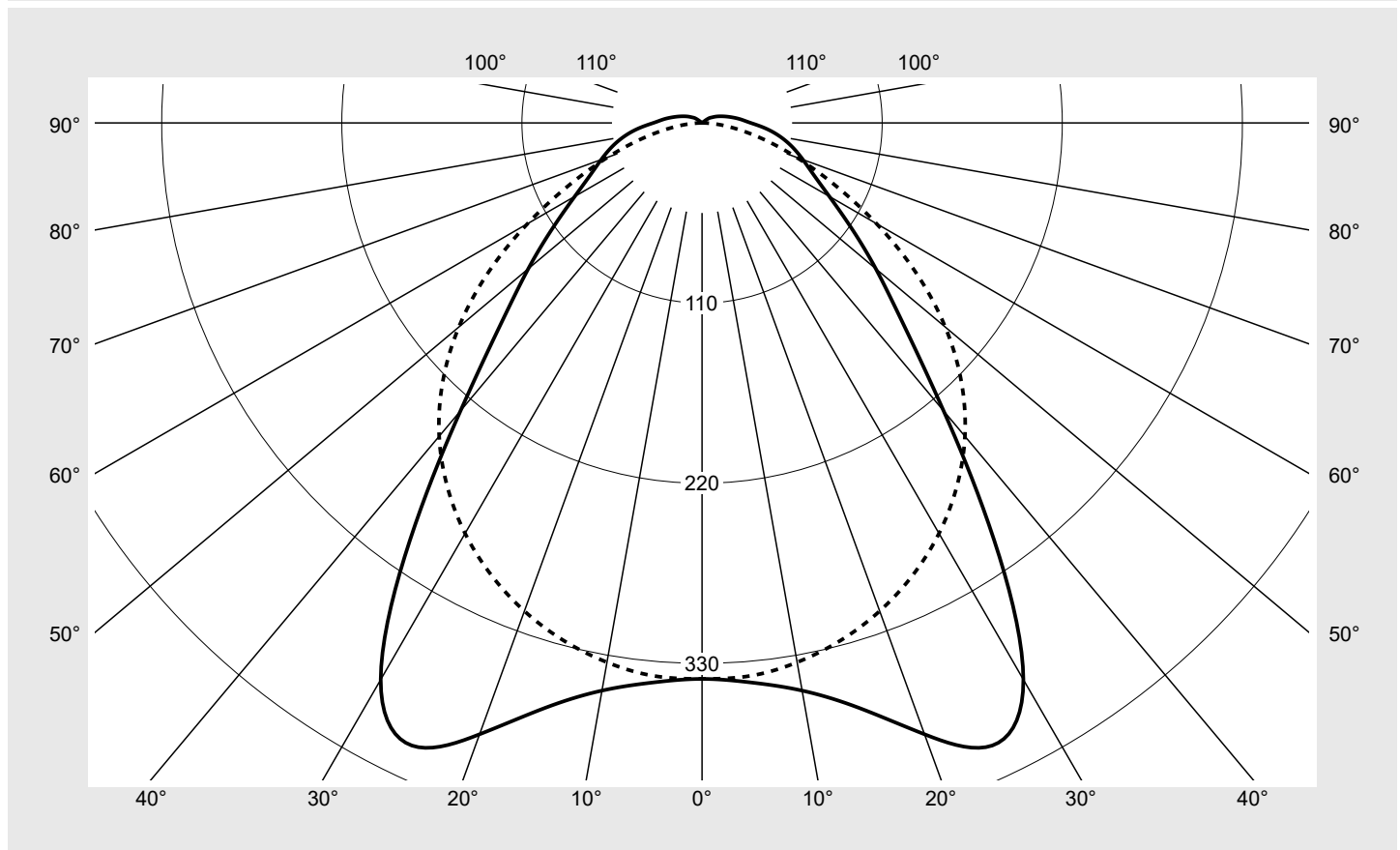
Seriendokumentation
26.08.2020

sITeco

Lichtstärke in cd/klm

C180-0 **C270-90**

Imax: 419 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

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°	339.5	339.5	339.5	339.5	339.5	339.5	339.5	2.0	2.0
5°	343.0	342.0	339.2	339.3	339.7	338.8	338.9	16.2	18.3
10°	352.0	350.9	345.1	341.6	338.4	335.1	334.4	32.6	50.9
15°	369.7	367.9	356.8	346.8	337.2	329.4	327.1	49.3	100.2
20°	397.2	393.9	374.9	354.6	335.9	321.8	317.2	66.8	167.0
25°	419.5	416.9	395.3	365.3	334.4	312.1	304.6	84.4	251.4
30°	392.5	397.1	392.3	370.7	332.1	300.1	289.4	97.4	348.9
35°	311.0	322.2	341.8	350.7	323.8	285.3	271.2	100.3	449.2
40°	229.5	240.6	267.7	298.9	299.5	266.8	249.8	94.7	543.9
45°	174.0	182.0	204.5	237.4	256.3	239.9	224.1	85.2	629.1
50°	138.5	144.4	161.2	187.1	207.0	203.8	193.9	74.9	704.0
55°	110.9	115.6	129.9	149.5	163.4	162.9	159.6	64.1	768.1
60°	89.8	92.9	103.5	120.2	127.5	124.1	123.1	53.4	821.5
65°	75.3	77.0	82.7	94.9	98.6	91.3	89.2	43.6	865.1
70°	65.6	65.8	66.8	73.1	74.5	64.6	61.3	35.1	900.1
75°	57.2	56.6	54.5	55.3	53.6	43.2	39.2	27.5	927.6
80°	48.6	47.5	44.1	40.6	36.2	26.8	21.9	20.7	948.4
85°	39.1	38.1	34.6	29.4	22.8	14.4	9.2	14.9	963.2
90°	29.7	28.9	25.8	20.2	13.1	5.9	0.8	10.0	973.2
95°	24.0	23.5	21.5	16.6	10.0	3.6	0.7	8.0	981.2
100°	19.1	18.8	17.3	13.3	7.4	1.9	0.7	6.2	987.3
105°	15.1	14.8	13.5	10.2	5.0	0.8	0.6	4.6	991.9
110°	11.8	11.4	10.2	7.3	2.9	0.6	0.6	3.3	995.3
115°	9.1	8.6	7.4	4.7	1.4	0.7	0.7	2.3	997.5
120°	6.7	6.2	4.9	2.7	0.8	0.7	0.8	1.5	999.1
125°	4.5	4.0	2.9	1.3	0.8	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	15,7	17,4	16,1	17,7	18,0	17,6	19,2	17,9	19,5	19,9
	3H	16,9	18,4	17,3	18,7	19,1	18,6	20,1	19,0	20,4	20,8
	4H	17,6	19,0	18,0	19,4	19,7	19,0	20,3	19,4	20,7	21,1
	6H	18,4	19,7	18,8	20,0	20,4	19,2	20,5	19,6	20,9	21,2
	8H	18,8	20,0	19,2	20,4	20,8	19,3	20,5	19,8	20,9	21,3
	12H	19,2	20,3	19,6	20,7	21,1	19,4	20,5	19,8	20,9	21,3
4H	2H	16,6	18,0	17,0	18,3	18,7	18,0	19,4	18,4	19,8	20,1
	3H	18,0	19,1	18,4	19,5	19,9	19,3	20,5	19,7	20,9	21,3
	4H	18,8	19,8	19,2	20,2	20,7	19,8	20,9	20,2	21,3	21,7
	6H	19,7	20,6	20,1	21,0	21,5	20,2	21,1	20,6	21,5	22,0
	8H	20,2	21,0	20,6	21,5	21,9	20,3	21,1	20,8	21,6	22,1
	12H	20,6	21,4	21,1	21,9	22,3	20,4	21,2	20,9	21,6	22,1
8H	4H	19,2	20,0	19,6	20,5	21,0	20,1	20,9	20,6	21,4	21,9
	6H	20,3	21,0	20,8	21,5	22,0	20,6	21,3	21,1	21,8	22,3
	8H	20,9	21,5	21,4	22,0	22,5	20,8	21,5	21,3	21,9	22,5
	12H	21,5	22,0	22,0	22,5	23,1	21,0	21,5	21,5	22,0	22,6
12H	4H	19,3	20,0	19,7	20,5	21,0	20,2	20,9	20,6	21,4	21,9
	6H	20,4	21,0	20,9	21,5	22,0	20,7	21,4	21,2	21,8	22,4
	8H	21,1	21,6	21,6	22,1	22,6	21,0	21,5	21,5	22,0	22,6

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°		3836.8	4032.0	4598.3	5463.7	6087.0	5916.1	5764.5	
50°		3271.1	3429.2	3893.3	4641.8	5329.3	5486.0	5487.5	
55°		2840.1	2980.6	3416.0	4057.8	4630.4	4867.5	5060.6	
60°		2534.4	2642.8	3012.9	3630.7	4054.0	4202.7	4477.4	
65°		2388.9	2462.3	2717.7	3259.6	3600.9	3596.2	3838.4	
70°		2391.4	2426.2	2543.9	2937.9	3224.2	3073.7	3262.9	
75°		2478.4	2486.4	2488.5	2698.0	2875.6	2615.2	2756.7	
80°		2614.8	2601.0	2541.1	2551.0	2578.3	2254.2	2298.6	
85°		2809.3	2796.8	2722.7	2615.6	2440.8	2012.9	1924.8	

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Leuchtdichten in cd/m²

γ 65°
γ 70°
γ 75°
γ 80°
γ 85°

