

Lichttechnischer Prüfbefund

Familie
Licross® Protected

Bestell-Nr.: 51TP12TNT8XW
EAN: 4058352210291

LP-Nummer
58523_18



Ausführung Prismenabdeckung, satiniert, breit strahlend, Tunable White
Bestückung LED 2700 K ... 6500 K | CRI ≥ 80
Betriebsgerät EVG-DALI
Einstellung indiv. Einstellung
Bemessungswerte bei 2700 K
 Nettolichtstrom = 8100 lm
 Systemleistung = 57.4 W
 Lichtausbeute = 141.1 lm/W

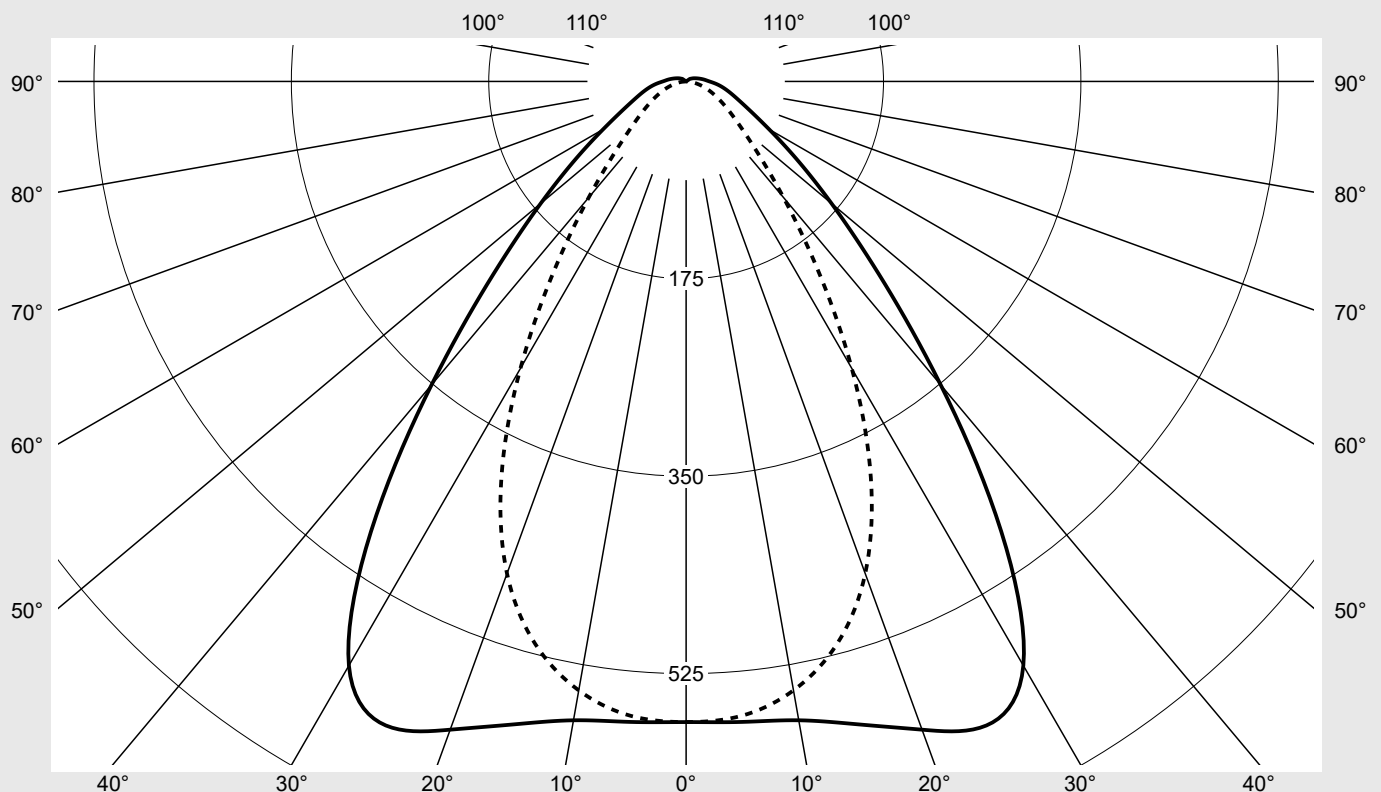
Seriendokumentation
12.12.2019

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Lichtstärke in cd/klm

C180-0 **C270-90**

Imax: 630 cd/klm



Klassifizierungen

DIN 5040 A 5 1
 CIE N1=70 N2=91 N3=97
 N4=98 N5=100

Leuchtenbetriebswirkungsgrade

η_{LB} 100,0%
 ϕ_u 98,3%
 ϕ_o 1,7%

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°	568.0	568.0	568.0	568.0	568.0	568.0	568.0	3.4	3.4
5°	570.0	568.0	563.9	564.4	565.6	564.2	564.6	27.0	30.4
10°	575.1	572.9	563.4	557.9	553.3	549.0	548.2	53.3	83.7
15°	590.1	586.0	566.8	548.5	532.2	519.9	516.5	78.2	161.9
20°	611.6	603.6	568.7	531.0	496.5	471.9	464.3	100.3	262.2
25°	630.0	617.6	564.2	499.9	441.6	401.0	387.5	117.1	379.3
30°	598.0	589.4	536.5	452.4	368.0	311.9	293.8	123.5	502.8
35°	487.1	490.1	463.2	383.1	284.6	222.1	203.0	114.7	617.4
40°	351.1	360.8	359.1	297.2	205.7	150.3	134.3	94.9	712.3
45°	241.7	250.7	257.1	211.9	140.4	100.6	89.9	72.8	785.1
50°	168.3	174.0	178.9	144.5	94.4	69.8	63.7	54.4	839.5
55°	118.9	121.8	123.3	97.4	64.6	50.4	47.5	40.5	880.0
60°	85.1	85.8	84.4	66.1	45.7	37.4	36.1	30.1	910.0
65°	63.8	62.6	58.2	45.7	33.4	28.1	27.2	22.6	932.7
70°	50.4	47.7	40.8	32.1	24.8	20.7	19.9	17.3	949.9
75°	41.3	37.6	29.5	22.7	17.9	14.5	13.5	13.2	963.2
80°	34.0	30.0	21.9	15.9	12.4	9.4	8.0	10.0	973.1
85°	27.2	23.7	16.4	11.2	8.0	5.3	3.6	7.3	980.4
90°	20.7	17.9	12.0	7.4	4.6	2.2	0.4	5.0	985.4
95°	16.6	14.7	10.2	6.3	3.6	1.3	0.3	4.0	989.4
100°	13.2	11.9	8.5	5.2	2.7	0.8	0.3	3.2	992.6
105°	10.4	9.5	6.9	4.1	1.9	0.4	0.3	2.5	995.1
110°	8.2	7.4	5.5	3.1	1.2	0.3	0.3	1.9	997.0
115°	6.5	5.8	4.2	2.2	0.7	0.4	0.4	1.4	998.4
120°	4.9	4.3	3.0	1.4	0.6	0.5	0.5	1.0	999.4
125°	3.5	3.0	2.0	0.9	0.6	0.5	0.5	0.7	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									
		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
Raumabmessungen											
x	y										
2H	2H	21,2	22,7	21,6	23,0	23,3	17,1	18,5	17,4	18,8	19,2
	3H	21,8	23,1	22,2	23,5	23,8	17,5	18,8	17,9	19,1	19,5
	4H	22,2	23,4	22,6	23,7	24,1	17,7	18,9	18,1	19,3	19,6
	6H	22,6	23,7	23,0	24,0	24,4	17,8	19,0	18,2	19,3	19,7
	8H	22,9	23,8	23,3	24,2	24,6	17,9	19,0	18,3	19,4	19,8
	12H	23,1	24,0	23,6	24,4	24,8	18,0	18,9	18,4	19,3	19,8
4H	2H	21,3	22,5	21,7	22,9	23,2	17,8	18,9	18,1	19,3	19,7
	3H	22,0	23,0	22,4	23,4	23,8	18,3	19,3	18,7	19,7	20,1
	4H	22,5	23,4	22,9	23,8	24,2	18,6	19,5	19,0	19,9	20,3
	6H	23,0	23,8	23,5	24,2	24,7	18,8	19,6	19,2	20,0	20,5
	8H	23,4	24,0	23,8	24,5	25,0	18,9	19,6	19,3	20,0	20,5
	12H	23,7	24,3	24,2	24,8	25,3	18,9	19,6	19,4	20,0	20,5
8H	4H	22,5	23,2	22,9	23,6	24,1	18,9	19,6	19,4	20,0	20,5
	6H	23,1	23,7	23,6	24,2	24,7	19,2	19,8	19,7	20,2	20,8
	8H	23,5	24,1	24,0	24,5	25,1	19,3	19,9	19,8	20,3	20,9
	12H	24,0	24,5	24,6	25,0	25,5	19,5	19,9	20,0	20,4	20,9
12H	4H	22,5	23,1	23,0	23,6	24,1	19,0	19,6	19,5	20,0	20,5
	6H	23,1	23,6	23,6	24,1	24,7	19,3	19,8	19,9	20,3	20,8
	8H	23,6	24,0	24,1	24,5	25,1	19,5	19,9	20,0	20,4	21,0

Leuchtdichten-Tabelle Max. für $\gamma \geq 65^\circ$	Lichttechnische Abmessungen in mm: L = 1480 B = 78	H(C0) = 13 H(C90) = 0	H(C180) = 13 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°		20558.5	21423.9	22297.4	18806.8	12859.3	9570.2	8924.2	
50°		15328.2	15938.2	16666.9	13830.8	9372.0	7241.8	6955.3	
55°		11746.5	12119.0	12510.1	10196.8	7060.7	5804.4	5813.7	
60°		9266.4	9419.9	9472.7	7706.0	5602.6	4881.0	5060.7	
65°		7801.8	7722.9	7382.5	6052.6	4704.0	4263.0	4511.8	
70°		7088.0	6782.5	5997.8	4975.0	4133.9	3796.1	4077.4	
75°		6897.5	6367.8	5198.5	4276.0	3711.5	3383.8	3661.0	
80°		7057.7	6340.1	4876.4	3860.6	3389.0	3050.7	3239.8	
85°		7528.0	6707.6	4981.5	3832.1	3293.7	2836.2	2915.2	

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

