

Lichttechnischer Prüfbefund

Familie
Licross® Protected

Bestell-Nr.: 51TS12TNT75W
EAN: 4058352298558

LP-Nummer
58521_16



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 = 7740 lm
 Systemleistung = 57.4 W
 Lichtausbeute = 134.8 lm/W

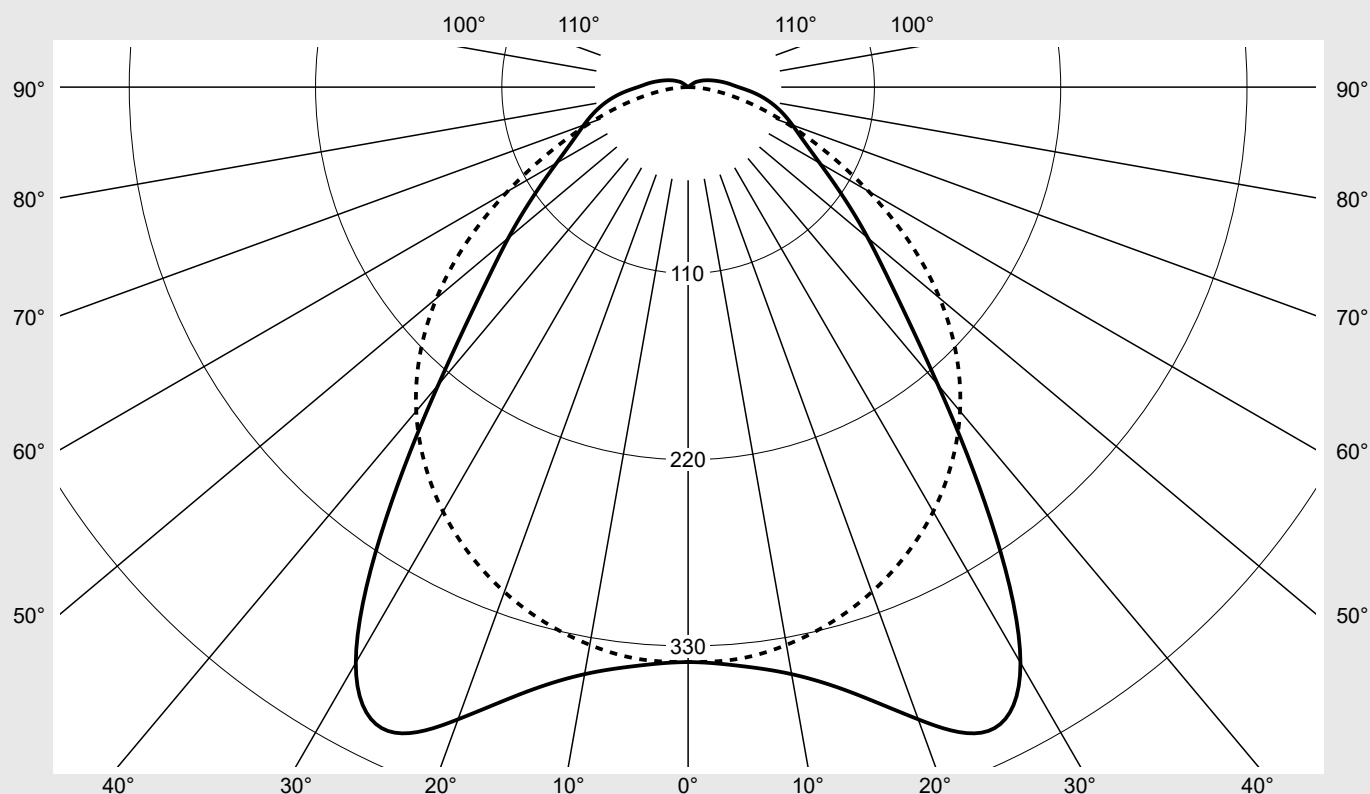
Seriendokumentation
12.12.2019

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	20,3	21,9	20,6	22,2	22,5	22,1	23,8	22,5	24,1	24,4
	3H	21,5	22,9	21,8	23,3	23,6	23,1	24,6	23,5	24,9	25,3
	4H	22,2	23,6	22,6	23,9	24,3	23,5	24,9	23,9	25,2	25,6
	6H	22,9	24,2	23,3	24,6	25,0	23,7	25,0	24,2	25,4	25,8
	8H	23,3	24,5	23,8	24,9	25,3	23,9	25,0	24,3	25,4	25,8
	12H	23,7	24,9	24,2	25,2	25,7	23,9	25,0	24,3	25,4	25,8
4H	2H	21,1	22,5	21,5	22,8	23,2	22,6	24,0	23,0	24,3	24,7
	3H	22,5	23,7	22,9	24,0	24,5	23,8	25,0	24,3	25,4	25,8
	4H	23,3	24,4	23,7	24,8	25,2	24,3	25,4	24,8	25,8	26,2
	6H	24,2	25,1	24,7	25,6	26,0	24,7	25,6	25,2	26,1	26,5
	8H	24,7	25,5	25,2	26,0	26,5	24,8	25,7	25,3	26,1	26,6
	12H	25,2	25,9	25,7	26,4	26,9	24,9	25,7	25,4	26,1	26,6
8H	4H	23,7	24,6	24,2	25,0	25,5	24,6	25,5	25,1	25,9	26,4
	6H	24,8	25,5	25,3	26,0	26,5	25,1	25,9	25,6	26,3	26,8
	8H	25,4	26,0	25,9	26,5	27,0	25,4	26,0	25,8	26,5	27,0
	12H	26,0	26,6	26,5	27,1	27,6	25,5	26,1	26,0	26,6	27,1
12H	4H	23,8	24,5	24,3	25,0	25,5	24,7	25,4	25,2	25,9	26,4
	6H	24,9	25,6	25,4	26,0	26,6	25,3	25,9	25,8	26,4	26,9
	8H	25,6	26,1	26,1	26,6	27,2	25,5	26,1	26,0	26,6	27,1

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°		14141.3	14860.8	16948.1	20137.7	22435.0	21804.9	21246.3	
50°		12056.3	12639.2	14349.7	17108.3	19642.4	20219.8	20225.2	
55°		10467.7	10985.8	12590.5	14956.0	17066.4	17940.1	18651.8	
60°		9341.1	9740.6	11104.8	13381.9	14942.0	15489.9	16502.5	
65°		8804.8	9075.3	10016.8	12014.0	13271.8	13254.7	14147.3	
70°		8814.2	8942.3	9376.2	10828.2	11883.4	11328.8	12026.1	
75°		9134.7	9164.0	9171.8	9944.2	10598.8	9639.1	10160.6	
80°		9637.5	9586.4	9365.9	9402.4	9502.8	8308.3	8472.1	
85°		10354.2	10308.1	10034.9	9640.3	8996.2	7419.0	7094.4	

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

