

Lichttechnischer Prüfbefund

Familie
Licross® 11 Recessed

Bestell-Nr.: 51TL1E7N485G
EAN: 4058352940853

LP-Nummer
59263_242



Ausführung Abdeckung satiniert, elliptisch eng strahlend
Bestückung LED 4000 K | CRI ≥ 80
Betriebsgerät EVG
Bemessungswerte Nettolichtstrom = 8660 lm
 Systemleistung = 48.5 W
 Lichtausbeute = 178.6 lm/W

Seriendokumentation
11.10.2023

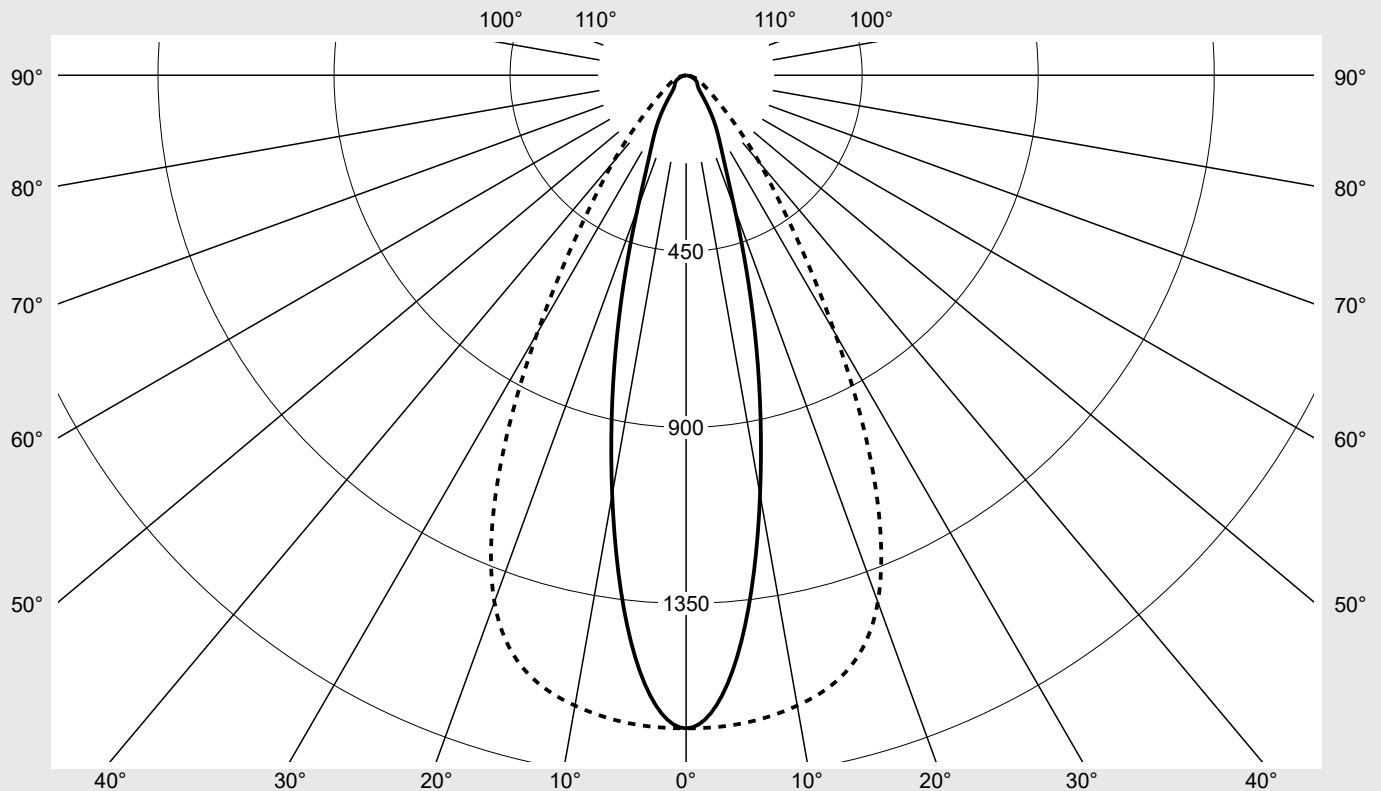
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Lichtstärke in cd/klm

C180-0

C270-90

Imax: 1670 cd/klm



Klassifizierungen

DIN 5040 A 7 0
 CIE N1=85 N2=95 N3=99
 N4=100 N5=100

Leuchtenbetriebswirkungsgrade

η_{LB} 100,0%
 ϕ_u 100,0%
 ϕ_o 0,0%

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°			
γ									
Lichtstärke in cd/klm									
Lichtstrom in lm/klm									
0°	1669.5	1669.5	1669.5	1669.5	1669.5	1669.5	1669.5	10.0	10.0
5°	1493.3	1495.6	1516.6	1565.9	1616.3	1649.8	1662.9	75.0	85.0
10°	1088.5	1106.7	1175.0	1303.4	1460.6	1586.1	1636.2	126.8	211.8
15°	678.3	712.7	825.0	1006.5	1239.9	1474.8	1578.7	151.0	362.9
20°	362.1	388.9	492.0	707.6	980.6	1275.8	1432.9	148.2	511.0
25°	217.8	231.1	285.8	436.7	705.9	972.9	1137.5	127.8	638.8
30°	151.3	158.5	185.3	264.1	455.8	646.3	761.7	99.0	737.8
35°	95.4	107.0	131.3	171.8	268.4	391.1	463.8	70.7	808.5
40°	57.7	64.5	93.9	120.6	157.9	239.7	291.4	50.0	858.5
45°	43.5	45.9	58.2	86.3	99.5	145.4	176.9	35.2	893.7
50°	37.7	39.0	42.8	61.0	68.3	89.3	109.1	26.2	919.9
55°	34.6	35.0	36.7	43.5	50.5	59.6	73.7	20.9	940.8
60°	30.2	31.1	32.8	34.2	38.6	42.0	53.5	17.5	958.3
65°	23.9	25.4	29.1	28.1	30.1	30.8	41.3	14.6	972.8
70°	17.0	18.4	22.5	23.3	23.4	22.7	30.8	11.5	984.3
75°	10.9	12.0	16.2	17.9	17.4	15.7	20.7	8.4	992.7
80°	6.2	6.7	9.0	10.7	11.0	9.3	11.6	5.0	997.7
85°	3.1	3.3	4.2	5.0	4.8	3.9	4.2	2.3	1000.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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

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UGR-Tabelle		Standardraum									
Raumabmessungen		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
x	y										
2H	2H	14,7	15,9	15,0	16,2	16,5	19,7	20,9	20,0	21,2	21,5
	3H	15,8	16,9	16,2	17,3	17,6	20,2	21,3	20,6	21,6	22,0
	4H	16,2	17,2	16,6	17,6	17,9	20,5	21,5	20,9	21,8	22,2
	6H	16,4	17,4	16,8	17,7	18,1	20,7	21,6	21,2	22,0	22,4
	8H	16,6	17,4	17,0	17,8	18,2	20,9	21,6	21,3	22,0	22,4
	12H	16,6	17,4	17,1	17,8	18,2	20,9	21,6	21,4	22,0	22,4
4H	2H	15,5	16,4	15,9	16,8	17,2	19,6	20,7	20,0	21,0	21,4
	3H	16,9	17,7	17,3	18,1	18,5	20,4	21,2	20,8	21,6	22,0
	4H	17,4	18,1	17,9	18,6	19,0	20,7	21,5	21,2	21,9	22,3
	6H	17,7	18,3	18,2	18,8	19,3	21,0	21,7	21,5	22,1	22,6
	8H	17,8	18,4	18,3	18,8	19,3	21,2	21,7	21,6	22,1	22,6
	12H	17,9	18,4	18,4	18,9	19,4	21,2	21,7	21,7	22,1	22,6
8H	4H	17,9	18,4	18,4	18,9	19,4	20,8	21,4	21,3	21,9	22,3
	6H	18,4	18,8	18,9	19,3	19,8	21,2	21,7	21,7	22,2	22,7
	8H	18,5	18,9	19,0	19,4	19,9	21,4	21,8	21,9	22,3	22,8
	12H	18,6	18,9	19,1	19,5	20,0	21,5	21,8	22,0	22,3	22,8
12H	4H	17,9	18,4	18,4	18,9	19,4	20,8	21,3	21,3	21,8	22,3
	6H	18,4	18,8	18,9	19,3	19,8	21,2	21,6	21,7	22,1	22,7
	8H	18,6	19,0	19,2	19,5	20,0	21,4	21,7	21,9	22,2	22,8

Leuchtdichten-Tabelle Max. für $\gamma \geq 65^\circ$	Lichttechnische Abmessungen in mm: L = 1500 B = 58
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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°		6122.0	6457.9	8186.1	12145.5	14011.5	20468.1	24908.0	
50°		5844.2	6036.3	6627.4	9451.7	10578.4	13833.4	16900.5	
55°		5998.0	6070.7	6372.5	7544.8	8766.9	10347.7	12793.4	
60°		6003.5	6200.8	6532.8	6813.9	7683.1	8357.6	10649.2	
65°		5635.8	5976.4	6858.0	6620.6	7096.6	7249.4	9730.8	
70°		4940.9	5344.3	6542.2	6787.5	6809.1	6596.9	8972.1	
75°		4175.5	4618.6	6228.1	6896.9	6697.7	6053.9	7956.9	
80°		3527.7	3814.8	5162.5	6108.9	6288.3	5324.2	6660.9	
85°		3569.1	3806.6	4843.6	5741.3	5500.3	4447.3	4766.0	

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Leuchtdichten in cd/m²

γ 65°	γ 70°	γ 75°	γ 80°	γ 85°
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