

Lichttechnischer Prüfbefund

Familie
Licross® 21 Recessed

Bestell-Nr.: 52TL127N155F
EAN: 4058352492772

LP-Nummer
59101_15

Ausführung Abdeckung satiniert, breit strahlend, hoher Sehkomfort

Bestückung LED 3500 K | CRI ≥ 80

Betriebsgerät EVG

Bemessungswerte Nettolichtstrom = 5600 lm
Systemleistung = 33.8 W
Lichtausbeute = 165.7 lm/W

Seriendokumentation
02.07.2021

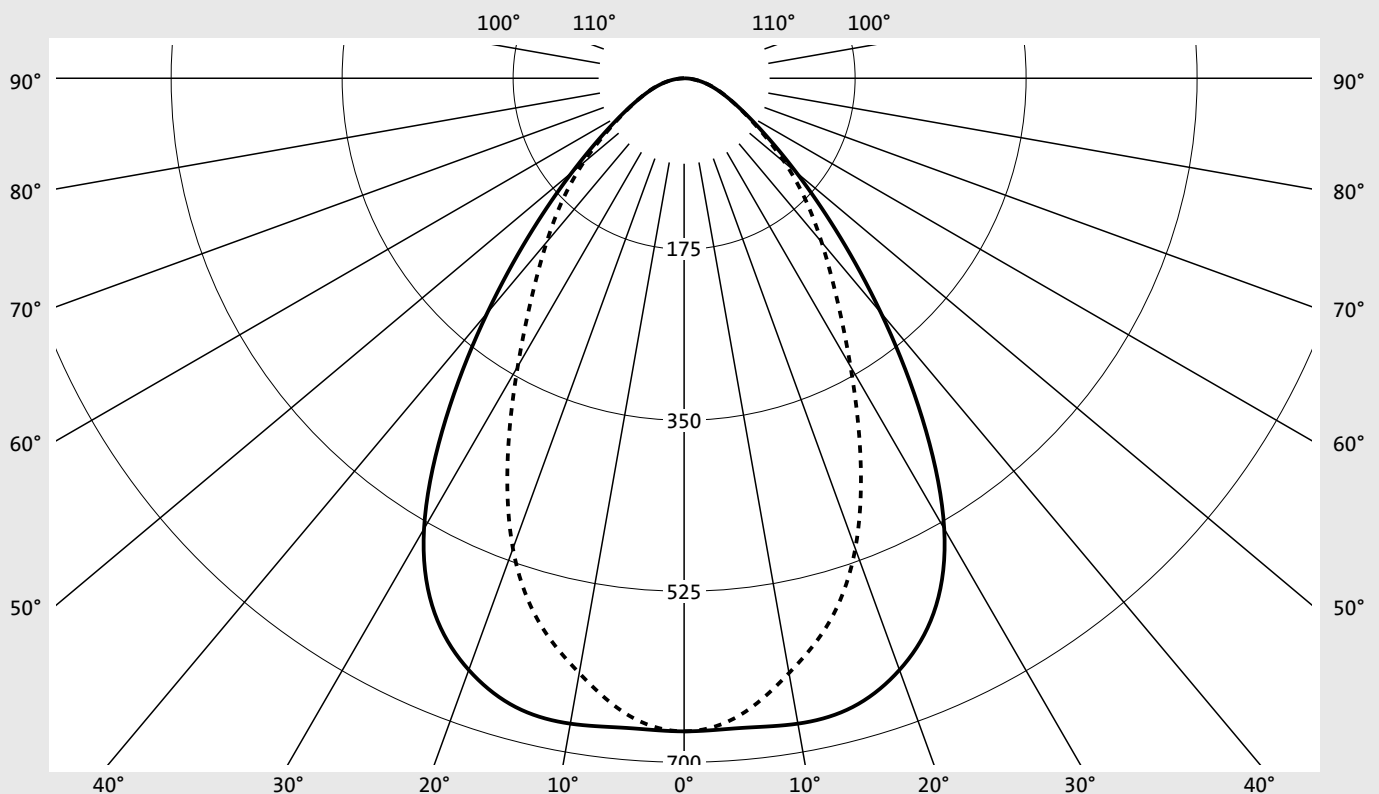
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Lichtstärke in cd/klm

C180-0

C270-90

Imax: 671 cd/klm



Klassifizierungen

DIN 5040 A 6 0
CIE N1=72 N2=92 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°			
Lichtstärke in cd/klm								Lichtstrom in lm/klm	
0°	668.4	668.4	668.4	668.4	668.4	668.4	668.4	4.0	4.0
5°	667.5	664.4	657.4	655.8	655.7	654.2	654.4	31.4	35.4
10°	670.7	665.0	649.1	636.1	625.3	618.7	618.1	60.9	96.3
15°	666.2	657.2	632.9	612.0	594.0	578.5	575.5	87.4	183.7
20°	644.4	632.9	606.9	585.4	554.6	522.7	512.3	108.8	292.5
25°	604.1	590.6	566.7	541.2	494.5	444.9	427.0	121.8	414.2
30°	532.4	517.7	496.3	466.1	413.9	359.9	340.6	122.9	537.1
35°	425.0	409.7	387.0	361.9	325.4	286.0	271.1	111.0	648.1
40°	313.4	295.8	270.7	255.1	246.8	229.4	218.8	91.8	739.9
45°	219.2	200.3	175.7	171.1	181.8	184.7	175.5	71.8	811.7
50°	149.7	132.6	112.6	116.3	133.0	145.6	134.9	54.8	866.5
55°	102.7	89.1	74.7	81.5	98.1	107.9	98.1	41.3	907.7
60°	72.4	62.1	51.3	58.3	71.8	76.5	71.0	31.0	938.7
65°	52.1	44.3	35.9	41.6	51.4	54.2	52.1	23.1	961.9
70°	37.6	31.7	24.7	29.1	35.6	38.4	38.3	16.9	978.8
75°	26.0	21.3	16.2	19.0	22.9	25.9	26.8	11.6	990.4
80°	16.1	12.5	9.2	10.4	12.6	14.8	15.7	6.8	997.3
85°	7.0	5.4	3.8	4.1	4.8	5.7	5.8	2.7	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	19,7	21,2	20,1	21,5	21,8	19,7	21,1	20,0	21,4	21,7
	3H	20,3	21,6	20,7	21,9	22,3	20,5	21,7	20,8	22,1	22,4
	4H	20,6	21,8	21,0	22,1	22,5	20,8	22,0	21,2	22,3	22,7
	6H	20,9	21,9	21,3	22,3	22,7	21,0	22,1	21,5	22,5	22,9
	8H	21,0	22,0	21,5	22,4	22,8	21,2	22,2	21,6	22,5	22,9
	12H	21,1	22,0	21,5	22,4	22,8	21,2	22,1	21,7	22,5	22,9
4H	2H	19,9	21,1	20,3	21,4	21,8	19,9	21,0	20,3	21,4	21,8
	3H	20,6	21,5	21,0	21,9	22,3	20,8	21,8	21,3	22,2	22,6
	4H	20,9	21,8	21,3	22,2	22,6	21,3	22,1	21,7	22,6	23,0
	6H	21,2	22,0	21,7	22,4	22,9	21,6	22,4	22,1	22,8	23,3
	8H	21,4	22,0	21,8	22,5	23,0	21,8	22,4	22,2	22,9	23,4
	12H	21,5	22,1	22,0	22,5	23,0	21,8	22,4	22,3	22,9	23,4
8H	4H	21,0	21,7	21,5	22,1	22,6	21,3	22,0	21,8	22,4	22,9
	6H	21,3	21,9	21,8	22,4	22,9	21,8	22,3	22,3	22,8	23,3
	8H	21,5	22,0	22,0	22,5	23,0	21,9	22,4	22,4	22,9	23,4
	12H	21,6	22,0	22,2	22,5	23,1	22,0	22,4	22,6	22,9	23,5
12H	4H	21,0	21,6	21,5	22,0	22,5	21,3	21,9	21,8	22,4	22,9
	6H	21,4	21,8	21,9	22,3	22,8	21,8	22,2	22,3	22,7	23,2
	8H	21,5	21,9	22,0	22,4	23,0	21,9	22,3	22,5	22,8	23,4

Leuchtdichten-Tabelle		Max. für $\gamma \geq 65^\circ$		Lichttechnische Abmessungen in mm:		L = 1500 B = 58		
C-Ebenen	γ	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°	
Leuchtdichte in cd/m ²								
45°		19955.6	18237.6	15991.5	15578.4	16549.1	16813.2	15978.0
50°		14989.2	13275.7	11276.7	11646.7	13317.9	14582.0	13504.2
55°		11521.4	10001.9	8385.0	9148.7	11006.6	12114.1	11003.8
60°		9318.1	7998.7	6605.2	7511.0	9239.0	9849.7	9137.5
65°		7935.5	6754.1	5475.1	6339.6	7835.7	8248.2	7927.9
70°		7071.6	5962.7	4649.3	5467.9	6693.5	7227.0	7208.8
75°		6465.9	5296.5	4037.1	4719.8	5697.9	6431.3	6663.1
80°		5963.9	4649.4	3420.6	3871.7	4680.6	5504.2	5835.2
85°		5172.0	3983.7	2813.1	3033.2	3565.7	4175.7	4311.6

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

