

Lichttechnischer Prüfbefund

Familie
Licross® 21 Recessed



Bestell-Nr.: 52TL127N44XG
EAN: 4069025157799

LP-Nummer
59101_376

Ausführung Abdeckung satiniert, breit strahlend, hoher Sehkomfort
Bestückung LED 4000 K | CRI ≥ 80
Betriebsgerät EVG
Bemessungswerte Nettolichtstrom = 4160 lm
Systemleistung = 22.2 W
Lichtausbeute = 187.4 lm/W

Seriendokumentation
24.06.2024

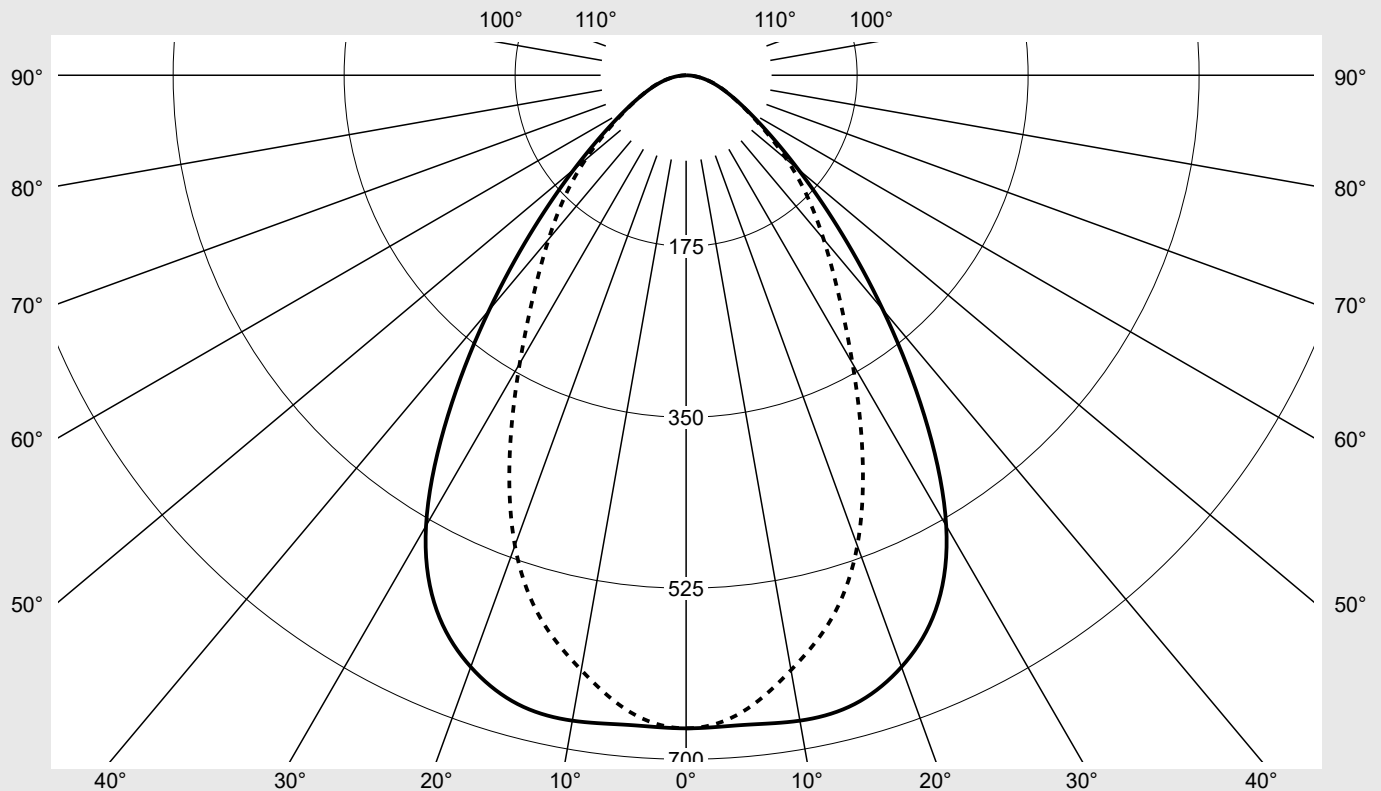
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Lichtstärke in cd/klm

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°			
γ									
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									
		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
Raumabmessungen											
x	y										
2H	2H	18,7	20,1	19,1	20,4	20,8	18,6	20,1	19,0	20,4	20,7
	3H	19,3	20,5	19,7	20,9	21,2	19,4	20,7	19,8	21,0	21,4
	4H	19,6	20,7	20,0	21,1	21,5	19,8	20,9	20,2	21,3	21,7
	6H	19,8	20,9	20,2	21,3	21,7	20,0	21,1	20,4	21,5	21,9
	8H	20,0	20,9	20,4	21,3	21,7	20,2	21,1	20,6	21,5	21,9
	12H	20,1	20,9	20,5	21,3	21,7	20,2	21,1	20,6	21,5	21,9
4H	2H	18,9	20,0	19,3	20,4	20,8	18,8	20,0	19,2	20,4	20,7
	3H	19,5	20,5	20,0	20,9	21,3	19,8	20,8	20,2	21,2	21,6
	4H	19,9	20,7	20,3	21,2	21,6	20,2	21,1	20,7	21,5	22,0
	6H	20,2	20,9	20,7	21,4	21,8	20,6	21,3	21,1	21,8	22,2
	8H	20,3	21,0	20,8	21,5	21,9	20,7	21,4	21,2	21,8	22,3
	12H	20,5	21,0	21,0	21,5	22,0	20,8	21,4	21,3	21,9	22,4
8H	4H	19,9	20,6	20,4	21,1	21,6	20,3	21,0	20,8	21,4	21,9
	6H	20,3	20,9	20,8	21,3	21,8	20,7	21,3	21,2	21,8	22,3
	8H	20,5	21,0	21,0	21,4	22,0	20,9	21,4	21,4	21,9	22,4
	12H	20,6	21,0	21,1	21,5	22,1	21,0	21,4	21,5	21,9	22,5
12H	4H	20,0	20,6	20,5	21,0	21,5	20,3	20,9	20,8	21,3	21,8
	6H	20,3	20,8	20,8	21,3	21,8	20,7	21,2	21,2	21,7	22,2
	8H	20,5	20,9	21,0	21,4	21,9	20,9	21,3	21,4	21,8	22,4

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°		14824.1	13548.0	11879.4	11572.5	12293.6	12489.8	11869.4
50°		11134.9	9861.9	8377.0	8651.8	9893.3	10832.3	10031.7
55°		8558.7	7430.0	6228.9	6796.1	8176.3	8999.1	8174.3
60°		6922.0	5941.9	4906.7	5579.6	6863.2	7316.9	6787.9
65°		5895.0	5017.3	4067.2	4709.4	5820.8	6127.2	5889.3
70°		5253.2	4429.4	3453.7	4061.9	4972.3	5368.6	5355.1
75°		4803.2	3934.6	2999.0	3506.1	4232.7	4777.6	4949.7
80°		4430.3	3453.9	2541.0	2876.2	3477.0	4088.8	4334.7
85°		3842.0	2959.3	2089.7	2253.2	2648.8	3101.9	3202.9

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Leuchtdichten in cd/m²

γ 65°	γ 70°	γ 75°	γ 80°	γ 85°
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