

Lichttechnischer Prüfbefund

Familie
Licross® 21 Recessed

Bestell-Nr.: 52TL187N485G
EAN: 4058352891278

LP-Nummer
59103_246



Ausführung Abdeckung satiniert, medium strahlend, hoher Sehkomfort

Bestückung LED 4000 K | CRI ≥ 80

Betriebsgerät EVG

Bemessungswerte Nettolichtstrom = 8570 lm
Systemleistung = 47.9 W
Lichtausbeute = 178.9 lm/W

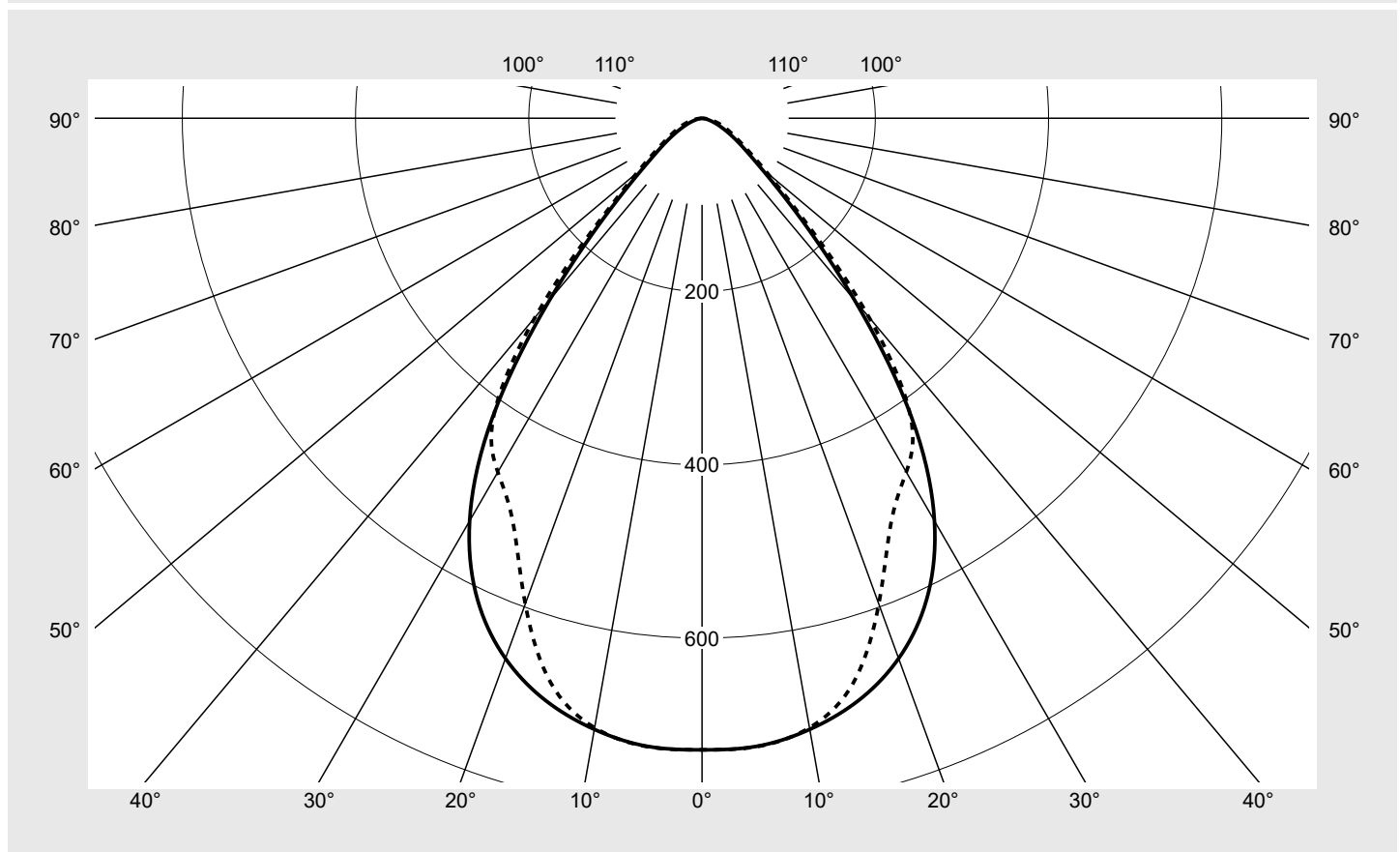
Seriendokumentation
04.08.2023

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Lichtstärke in cd/klm

C180-0 **C270-90**

Imax: 729 cd/klm



Klassifizierungen

DIN 5040 A 6 0
CIE N1=79 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°	728.9	728.9	728.9	728.9	728.9	728.9	728.9	4.4	4.4
5°	727.6	725.6	721.4	724.4	727.7	727.5	728.0	34.7	39.0
10°	716.2	715.8	711.3	714.1	716.0	714.5	714.3	68.0	107.0
15°	696.1	697.2	692.4	692.3	687.6	678.3	674.7	97.7	204.8
20°	663.5	665.6	659.3	649.0	628.4	605.3	596.6	119.9	324.7
25°	613.2	616.1	603.1	573.7	542.7	522.2	516.0	132.1	456.8
30°	536.6	538.7	513.6	472.5	462.2	468.1	471.5	135.2	592.0
35°	422.0	421.2	386.0	361.6	387.1	411.1	419.4	125.1	717.1
40°	273.6	269.8	241.4	246.2	279.1	295.4	299.7	95.1	812.2
45°	153.4	148.0	132.2	146.4	164.6	167.9	167.6	59.4	871.5
50°	87.1	86.0	88.4	95.4	105.5	102.0	98.3	39.9	911.4
55°	56.5	55.2	58.2	69.2	74.7	68.5	64.6	28.9	940.4
60°	37.8	37.4	39.6	46.2	52.4	47.5	45.7	20.9	961.3
65°	24.5	24.8	27.6	32.4	36.8	34.0	33.6	15.3	976.6
70°	15.3	15.7	18.0	22.8	25.8	24.5	24.5	10.9	987.5
75°	8.5	8.7	10.3	14.3	17.1	16.5	16.4	7.0	994.5
80°	4.5	4.6	5.3	7.4	9.6	9.5	9.0	3.9	998.3
85°	2.3	2.3	2.4	3.2	3.8	3.8	3.2	1.7	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	21,1	20,1	21,4	21,7	20,3	21,7	20,7	22,0	22,3
	3H	19,8	21,0	20,2	21,4	21,7	20,7	21,9	21,1	22,3	22,6
	4H	19,9	21,0	20,3	21,3	21,7	20,9	22,0	21,3	22,3	22,7
	6H	19,9	20,9	20,3	21,2	21,6	21,0	22,0	21,4	22,4	22,8
	8H	19,9	20,8	20,4	21,2	21,6	21,1	22,0	21,5	22,4	22,8
	12H	19,9	20,7	20,4	21,1	21,6	21,1	21,9	21,5	22,3	22,7
4H	2H	19,8	21,0	20,2	21,3	21,7	20,4	21,5	20,8	21,9	22,3
	3H	20,1	21,0	20,5	21,4	21,8	21,0	21,9	21,4	22,3	22,7
	4H	20,1	21,0	20,6	21,4	21,8	21,2	22,0	21,7	22,5	22,9
	6H	20,2	20,9	20,6	21,3	21,8	21,4	22,1	21,9	22,6	23,0
	8H	20,2	20,8	20,6	21,2	21,7	21,5	22,1	22,0	22,6	23,0
	12H	20,2	20,7	20,7	21,2	21,7	21,5	22,1	22,0	22,5	23,0
8H	4H	20,2	20,8	20,7	21,3	21,8	21,3	21,9	21,7	22,3	22,8
	6H	20,3	20,8	20,8	21,2	21,7	21,5	22,0	22,0	22,5	23,0
	8H	20,3	20,7	20,8	21,2	21,7	21,6	22,0	22,1	22,5	23,1
	12H	20,3	20,6	20,8	21,2	21,7	21,7	22,0	22,2	22,5	23,1
12H	4H	20,2	20,8	20,7	21,2	21,7	21,3	21,8	21,7	22,2	22,7
	6H	20,3	20,7	20,8	21,2	21,7	21,5	21,9	22,0	22,4	23,0
	8H	20,3	20,7	20,8	21,2	21,7	21,6	22,0	22,1	22,5	23,0

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°		21369.3	20613.7	18413.9	20387.7	22930.0	23389.0	23353.8
50°		13354.2	13179.3	13548.3	14620.4	16170.2	15626.4	15071.0
55°		9698.5	9476.4	9990.1	11892.3	12828.3	11770.5	11091.3
60°		7440.3	7360.5	7795.0	9103.1	10316.7	9357.8	8998.3
65°		5718.7	5789.6	6433.6	7562.0	8578.2	7928.4	7833.7
70°		4394.5	4511.4	5183.1	6555.4	7424.1	7059.2	7066.4
75°		3222.1	3318.4	3916.7	5450.5	6501.7	6289.7	6231.9
80°		2559.5	2631.0	2990.7	4169.4	5420.9	5377.7	5090.1
85°		2635.7	2607.4	2749.8	3580.6	4268.9	4268.9	3609.9

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

