

Lichttechnischer Prüfbefund

Familie
Licross® 21 Recessed

Bestell-Nr.: 52TE127N485G
EAN: 4058352889503

LP-Nummer
59101_291



Ausführung Abdeckung satiniert, breit strahlend, hoher Sehkomfort

Bestückung LED 4000 K | CRI ≥ 80

Betriebsgerät EVG

Bemessungswerte Nettolichtstrom = 8820 lm
Systemleistung = 47.9 W
Lichtausbeute = 184.1 lm/W

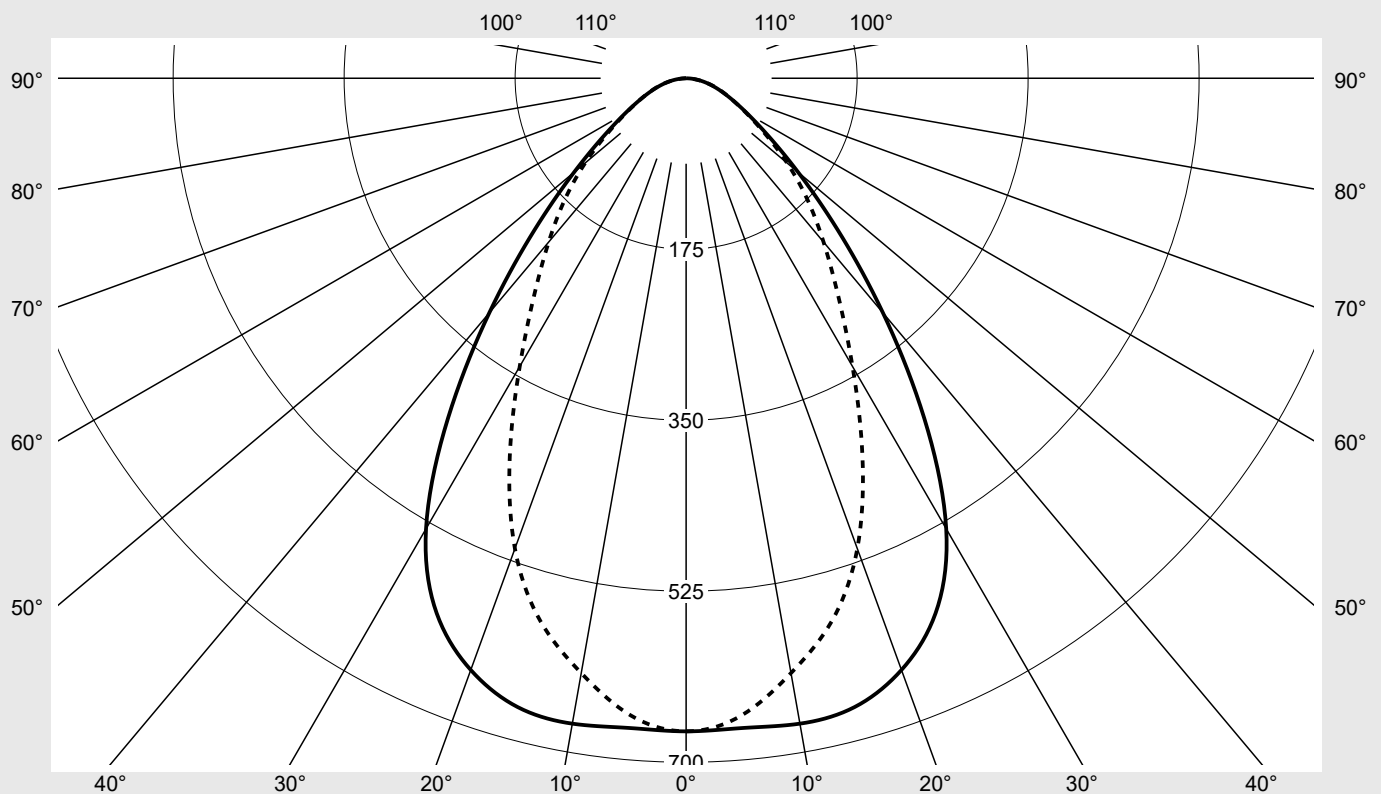
Seriendokumentation
04.08.2023

siteco

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

Lichttechnischer Prüfbefund

Familie Licross® 21 Recessed	Bestell-Nr.: 52TE127N485G EAN: 4058352889503	LP-Nummer 59101_291
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

Lichttechnischer Prüfbefund

Familie Licross® 21 Recessed	Bestell-Nr.: 52TE127N485G EAN: 4058352889503	LP-Nummer 59101_291
--	---	-------------------------------

UGR-Tabelle		Standardraum									
Raumabmessungen		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
x	y										
2H	2H	21,3	22,7	21,7	23,0	23,4	21,3	22,7	21,6	23,0	23,3
	3H	21,9	23,2	22,3	23,5	23,8	22,0	23,3	22,4	23,6	24,0
	4H	22,2	23,4	22,6	23,7	24,1	22,4	23,5	22,8	23,9	24,3
	6H	22,4	23,5	22,8	23,9	24,3	22,6	23,7	23,0	24,1	24,5
	8H	22,6	23,5	23,0	23,9	24,3	22,8	23,7	23,2	24,1	24,5
	12H	22,7	23,5	23,1	23,9	24,4	22,8	23,7	23,2	24,1	24,5
4H	2H	21,5	22,7	21,9	23,0	23,4	21,4	22,6	21,8	23,0	23,3
	3H	22,1	23,1	22,6	23,5	23,9	22,4	23,4	22,8	23,8	24,2
	4H	22,5	23,4	22,9	23,8	24,2	22,8	23,7	23,3	24,1	24,6
	6H	22,8	23,6	23,3	24,0	24,5	23,2	24,0	23,7	24,4	24,9
	8H	22,9	23,6	23,4	24,1	24,5	23,3	24,0	23,8	24,5	24,9
	12H	23,1	23,6	23,6	24,1	24,6	23,4	24,0	23,9	24,5	25,0
8H	4H	22,6	23,2	23,0	23,7	24,2	22,9	23,6	23,4	24,0	24,5
	6H	22,9	23,5	23,4	23,9	24,5	23,3	23,9	23,8	24,4	24,9
	8H	23,1	23,6	23,6	24,0	24,6	23,5	24,0	24,0	24,5	25,0
	12H	23,2	23,6	23,7	24,1	24,7	23,6	24,0	24,1	24,5	25,1
12H	4H	22,6	23,2	23,1	23,6	24,1	22,9	23,5	23,4	24,0	24,4
	6H	22,9	23,4	23,4	23,9	24,4	23,4	23,8	23,9	24,3	24,8
	8H	23,1	23,5	23,6	24,0	24,6	23,5	23,9	24,0	24,4	25,0

Leuchtdichten-Tabelle Max. für $\gamma \geq 65^\circ$

Lichttechnische Abmessungen in mm: **L = 1500**
B = 58

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°		31430.0	28724.3	25186.6	24536.0	26064.9	26480.8	25165.4	
50°		23608.1	20909.2	17760.8	18343.6	20975.7	22966.6	21269.1	
55°		18146.2	15753.0	13206.4	14409.1	17335.4	19079.7	17331.0	
60°		14676.1	12598.0	10403.1	11829.7	14551.4	15513.3	14391.6	
65°		12498.4	10637.7	8623.3	9984.9	12341.3	12990.9	12486.4	
70°		11137.7	9391.3	7322.6	8612.0	10542.2	11382.6	11353.8	
75°		10183.8	8342.0	6358.5	7433.7	8974.2	10129.4	10494.4	
80°		9393.1	7322.9	5387.5	6098.0	7371.9	8669.1	9190.5	
85°		8145.9	6274.3	4430.6	4777.3	5615.9	6576.7	6790.7	

Lichttechnischer Prüfbefund

Familie Licross® 21 Recessed	Bestell-Nr.: 52TE127N485G EAN: 4058352889503	LP-Nummer 59101_291
---	---	--------------------------------------

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

