

Lichttechnischer Prüfbefund

Familie
Licross® 21 Recessed

Bestell-Nr.: 52TE12CN4C5M
EAN: 4058352889541

LP-Nummer
59446_47



Ausführung Abdeckung satiniert, breit strahlend, hoher Sehkomfort

Bestückung LED 4000 K | CRI ≥ 80

Betriebsgerät EVG-Multilumen CLOi

Bemessungswerte Nettolichtstrom = 12670 lm
Systemleistung = 68.4 W
Lichtausbeute = 185.2 lm/W

Seriendokumentation
17.08.2023

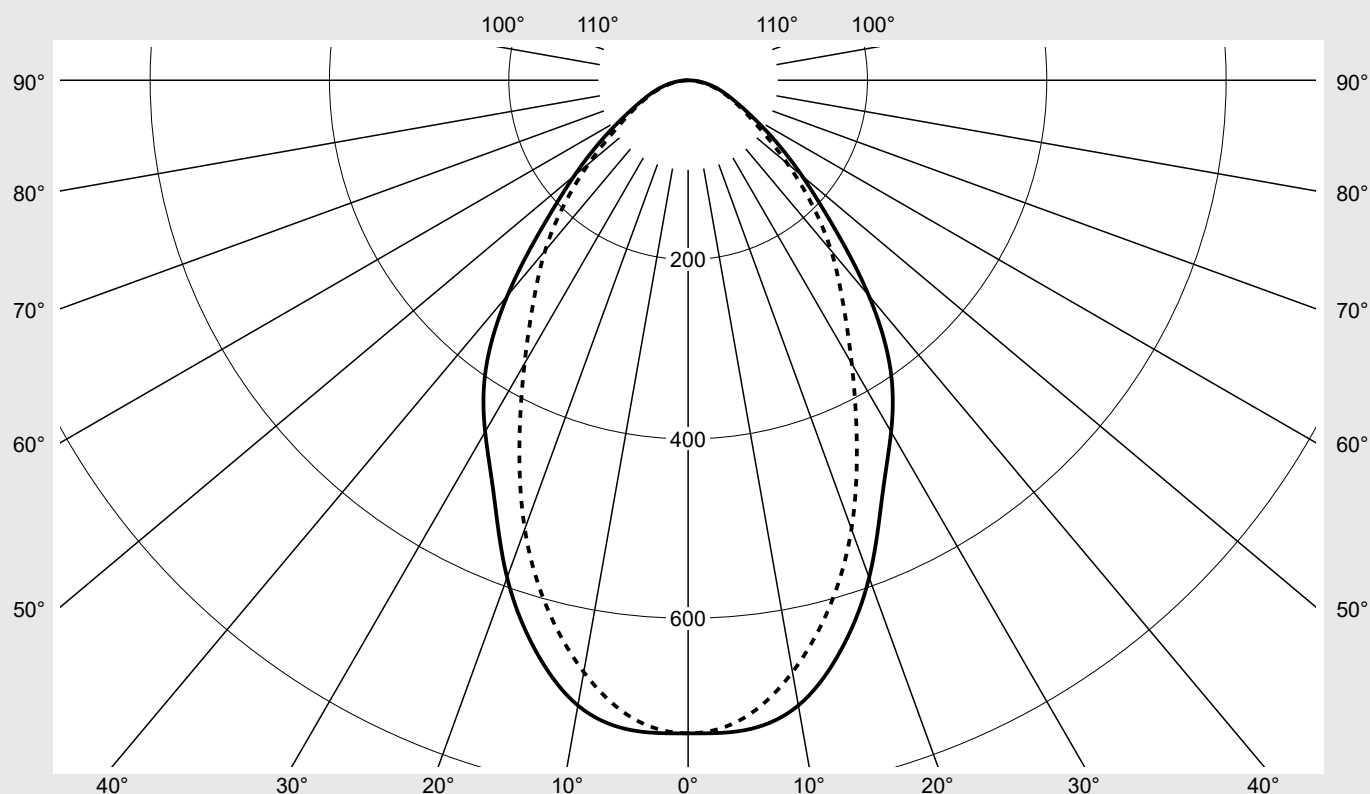
siteco

Lichtstärke in cd/klm

C180-0

C270-90

Imax: 728 cd/klm



Klassifizierungen

DIN 5040 A 5 0
CIE N1=69 N2=91 N3=98
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.: 52TE12CN4C5M EAN: 4058352889541	LP-Nummer 59446_47
--	---	-------------------------------------

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°	728.4	728.4	728.4	728.4	728.4	728.4	728.4	4.4	4.4
5°	727.5	724.8	717.6	716.9	716.5	714.4	713.9	34.3	38.7
10°	708.0	704.6	693.5	687.1	680.0	672.5	670.2	65.5	104.1
15°	658.1	653.2	637.7	629.5	623.7	612.7	608.6	89.6	193.8
20°	590.3	582.5	562.9	551.9	546.6	538.5	532.6	104.5	298.2
25°	512.2	499.8	475.2	461.5	453.8	449.4	445.1	108.8	407.1
30°	452.8	433.7	396.2	371.8	363.4	365.0	364.9	106.8	513.9
35°	393.4	374.1	335.3	295.7	285.6	295.2	300.5	101.3	615.2
40°	313.5	300.8	276.8	238.3	224.4	239.2	248.1	91.6	706.8
45°	227.2	217.7	208.5	191.4	176.2	187.2	194.9	77.0	783.8
50°	165.8	151.3	143.3	147.8	138.9	142.4	144.5	61.5	845.3
55°	119.7	105.2	93.7	108.9	109.4	104.2	103.2	47.4	892.7
60°	84.3	73.0	63.0	78.5	83.8	75.4	76.1	35.9	928.6
65°	60.6	51.5	43.5	55.3	61.5	55.5	56.9	27.0	955.6
70°	44.8	36.9	29.5	37.3	40.5	40.0	42.0	19.5	975.1
75°	31.9	25.4	19.2	23.6	27.6	27.0	29.3	13.5	988.6
80°	20.2	15.5	11.1	12.8	15.3	15.6	17.2	8.0	996.7
85°	9.4	7.2	4.9	5.0	5.8	6.0	6.3	3.3	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

Lichttechnischer Prüfbefund

Familie Licross® 21 Recessed	Bestell-Nr.: 52TE12CN4C5M EAN: 4058352889541	LP-Nummer 59446_47
--	---	------------------------------

UGR-Tabelle		Standardraum									
Raumabmessungen		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
x	y										
2H	2H	23,1	24,6	23,5	24,9	25,2	22,8	24,2	23,1	24,5	24,8
	3H	23,8	25,1	24,2	25,4	25,8	23,6	24,9	23,9	25,2	25,5
	4H	24,2	25,4	24,6	25,7	26,1	23,9	25,1	24,3	25,5	25,8
	6H	24,5	25,6	24,9	26,0	26,3	24,2	25,3	24,6	25,7	26,1
	8H	24,7	25,7	25,1	26,0	26,5	24,3	25,3	24,8	25,7	26,1
	12H	24,8	25,7	25,2	26,1	26,5	24,4	25,3	24,8	25,7	26,1
4H	2H	23,4	24,6	23,8	25,0	25,4	23,1	24,3	23,5	24,7	25,1
	3H	24,2	25,2	24,6	25,6	26,0	24,1	25,1	24,5	25,5	25,9
	4H	24,6	25,5	25,0	25,9	26,3	24,6	25,5	25,0	25,9	26,3
	6H	25,0	25,7	25,4	26,2	26,6	24,9	25,7	25,4	26,1	26,6
	8H	25,2	25,8	25,6	26,3	26,8	25,1	25,8	25,5	26,2	26,7
	12H	25,3	25,9	25,8	26,4	26,9	25,2	25,8	25,6	26,2	26,7
8H	4H	24,7	25,4	25,2	25,8	26,3	24,7	25,4	25,2	25,8	26,3
	6H	25,1	25,7	25,6	26,2	26,7	25,1	25,7	25,6	26,2	26,7
	8H	25,3	25,8	25,8	26,3	26,8	25,3	25,8	25,8	26,3	26,8
	12H	25,5	25,9	26,0	26,4	27,0	25,4	25,8	25,9	26,3	26,9
12H	4H	24,7	25,3	25,2	25,8	26,3	24,7	25,3	25,2	25,8	26,3
	6H	25,1	25,6	25,7	26,1	26,6	25,2	25,6	25,7	26,1	26,6
	8H	25,4	25,8	25,9	26,3	26,8	25,3	25,7	25,9	26,2	26,8

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

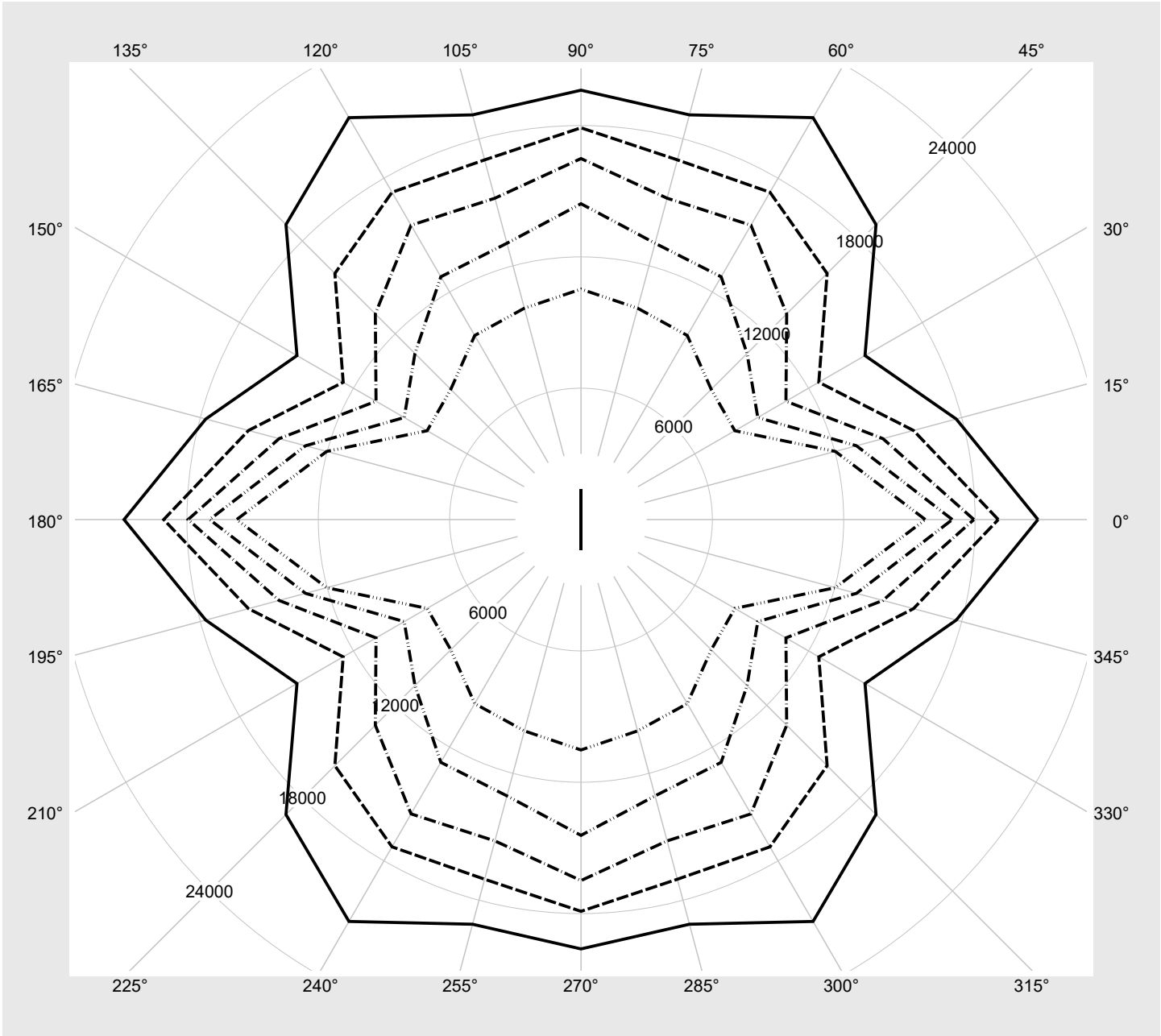
Lichttechnische Abmessungen in mm: **L = 1500**
B = 58

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°		46802.9	44834.1	42942.0	39425.8	36292.4	38545.1	40134.0
50°		37572.2	34276.1	32465.0	33475.7	31478.5	32257.7	32728.0
55°		30399.2	26721.2	23794.7	27653.5	27787.3	26453.8	26206.0
60°		24566.1	21253.9	18343.2	22860.2	24398.9	21962.2	22174.2
65°		20874.5	17746.0	14980.9	19059.2	21200.2	19139.5	19614.4
70°		19062.2	15724.8	12543.6	15900.2	17264.5	17011.1	17897.2
75°		17947.2	14279.1	10810.8	13287.1	15526.0	15198.0	16491.6
80°		16963.6	13026.9	9324.2	10727.3	12806.4	13068.9	14427.5
85°		15728.6	12027.4	8115.8	8413.2	9709.8	9995.6	10525.3

Lichttechnischer Prüfbefund

Familie Licross® 21 Recessed	Bestell-Nr.: 52TE12CN4C5M EAN: 4058352889541	LP-Nummer 59446_47
---	---	-------------------------------------

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



Lichttechnischer Prüfbefund

Familie Licross® 21 Recessed	Bestell-Nr.: 52TE12CN4C5M EAN: 4058352889541	LP-Nummer 59446_47
--	---	-------------------------------------

Multilumen-Tabelle	Umgebungstemperatur: 25°C	siteco
---------------------------	---------------------------	---------------

DIP-Stufe	Schalterstellung			Lichtstrom [lm]	Systemleistung [W]	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
	1	2	3				
1	A	C	E	12670	68.4	83.1	75.8
2	A	C	F	12156	65.4	79.7	72.6
3	A	D	E	11116	59.4	71.9	65.6
4	A	D	F	10140	53.9	64.9	59.4
5	B	C	E	9080	47.9	57.7	52.8
6	B	C	F	8072	42.4	50.9	46.6
7	B	D	E	7065	37.1	44.2	40.7
8	B	D	F	6025	31.6	37.5	34.6