

Lichttechnischer Prüfbefund

Familie
Licross® 21 Recessed

Bestell-Nr.: 52TL1EMN4E5S
EAN: 4058352891926

LP-Nummer
59263_178



Ausführung Abdeckung satiniert, elliptisch eng strahlend
Bestückung LED 4000 K | CRI ≥ 80
Betriebsgerät EVG-Multilumen
Bemessungswerte Nettolichtstrom = 14710 lm
Systemleistung = 83.1 W
Lichtausbeute = 177 lm/W

Seriendokumentation
24.08.2023

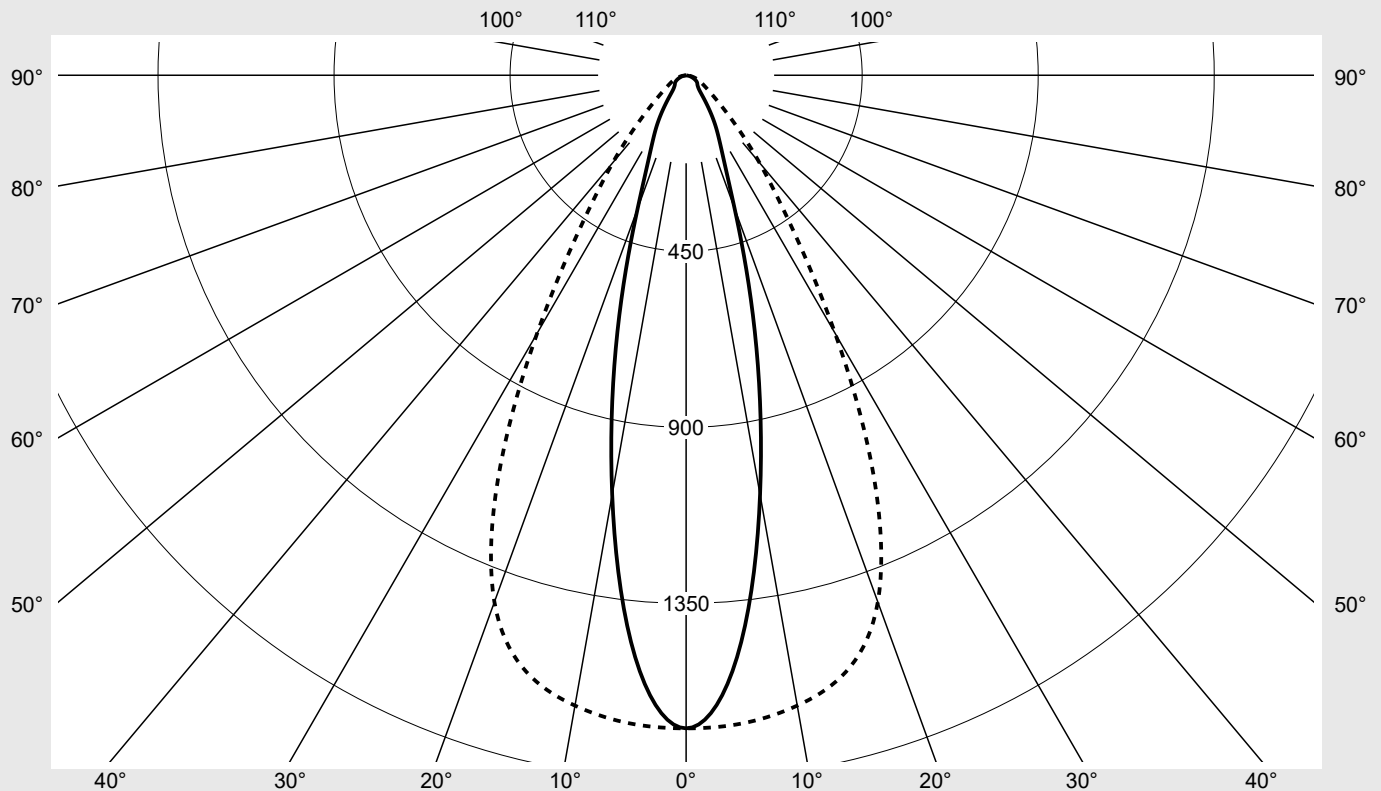
siteco

Lichtstärke in cd/klm

C180-0

C270-90

Imax: 1670 cd/klm



Klassifizierungen

DIN 5040 A 7 0
CIE N1=85 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

Lichttechnischer Prüfbefund

Familie Licross® 21 Recessed	Bestell-Nr.: 52TL1EMN4E5S EAN: 4058352891926	LP-Nummer 59263_178
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°	1669.5	1669.5	1669.5	1669.5	1669.5	1669.5	1669.5	10.0	10.0
5°	1493.3	1495.6	1516.6	1565.9	1616.3	1649.8	1662.9	75.0	85.0
10°	1088.5	1106.7	1175.0	1303.4	1460.6	1586.1	1636.2	126.8	211.8
15°	678.3	712.7	825.0	1006.5	1239.9	1474.8	1578.7	151.0	362.9
20°	362.1	388.9	492.0	707.6	980.6	1275.8	1432.9	148.2	511.0
25°	217.8	231.1	285.8	436.7	705.9	972.9	1137.5	127.8	638.8
30°	151.3	158.5	185.3	264.1	455.8	646.3	761.7	99.0	737.8
35°	95.4	107.0	131.3	171.8	268.4	391.1	463.8	70.7	808.5
40°	57.7	64.5	93.9	120.6	157.9	239.7	291.4	50.0	858.5
45°	43.5	45.9	58.2	86.3	99.5	145.4	176.9	35.2	893.7
50°	37.7	39.0	42.8	61.0	68.3	89.3	109.1	26.2	919.9
55°	34.6	35.0	36.7	43.5	50.5	59.6	73.7	20.9	940.8
60°	30.2	31.1	32.8	34.2	38.6	42.0	53.5	17.5	958.3
65°	23.9	25.4	29.1	28.1	30.1	30.8	41.3	14.6	972.8
70°	17.0	18.4	22.5	23.3	23.4	22.7	30.8	11.5	984.3
75°	10.9	12.0	16.2	17.9	17.4	15.7	20.7	8.4	992.7
80°	6.2	6.7	9.0	10.7	11.0	9.3	11.6	5.0	997.7
85°	3.1	3.3	4.2	5.0	4.8	3.9	4.2	2.3	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.: 52TL1EMN4E5S EAN: 4058352891926	LP-Nummer 59263_178
--	---	-------------------------------

UGR-Tabelle		Standardraum									
Raumabmessungen		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
x	y										
2H	2H	16,5	17,7	16,8	18,0	18,4	21,5	22,7	21,9	23,0	23,4
	3H	17,7	18,8	18,1	19,1	19,4	22,1	23,1	22,5	23,5	23,8
	4H	18,0	19,1	18,4	19,4	19,8	22,4	23,3	22,8	23,7	24,0
	6H	18,2	19,2	18,7	19,6	20,0	22,6	23,4	23,0	23,8	24,2
	8H	18,4	19,2	18,9	19,6	20,0	22,7	23,5	23,1	23,8	24,3
	12H	18,5	19,3	18,9	19,6	20,1	22,8	23,4	23,2	23,8	24,2
4H	2H	17,3	18,3	17,7	18,6	19,0	21,5	22,5	21,9	22,9	23,2
	3H	18,7	19,6	19,2	20,0	20,4	22,2	23,0	22,6	23,4	23,8
	4H	19,2	20,0	19,7	20,4	20,8	22,6	23,3	23,0	23,7	24,2
	6H	19,5	20,2	20,0	20,6	21,1	22,9	23,5	23,3	23,9	24,4
	8H	19,7	20,2	20,1	20,7	21,2	23,0	23,5	23,5	24,0	24,5
	12H	19,7	20,2	20,2	20,7	21,2	23,1	23,5	23,6	24,0	24,5
8H	4H	19,7	20,3	20,2	20,7	21,2	22,7	23,2	23,1	23,7	24,2
	6H	20,2	20,6	20,7	21,1	21,6	23,1	23,5	23,6	24,0	24,5
	8H	20,3	20,7	20,8	21,2	21,7	23,2	23,6	23,7	24,1	24,6
	12H	20,4	20,8	21,0	21,3	21,8	23,3	23,6	23,8	24,1	24,7
12H	4H	19,8	20,2	20,3	20,7	21,2	22,7	23,2	23,1	23,6	24,1
	6H	20,3	20,7	20,8	21,1	21,7	23,1	23,5	23,6	24,0	24,5
	8H	20,5	20,8	21,0	21,3	21,9	23,2	23,6	23,8	24,1	24,6

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

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

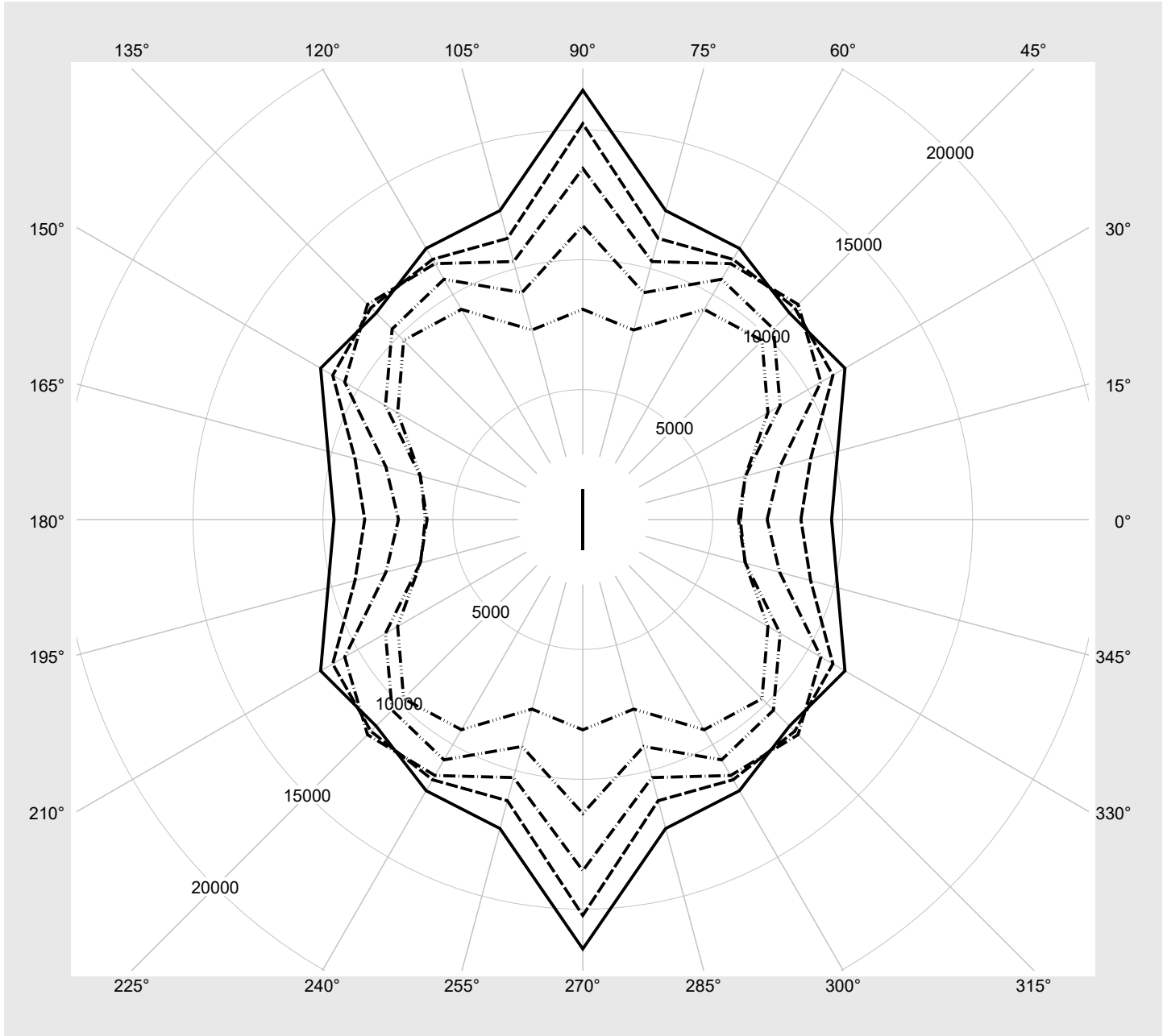
C- Ebenen	γ	Leuchtdichte in cd/m ²						
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°
45°		10398.9	10969.4	13905.1	20630.4	23800.2	34767.4	42309.2
50°		9927.0	10253.4	11257.4	16054.8	17968.7	23497.6	28707.4
55°		10188.3	10311.8	10824.4	12815.7	14891.5	17576.7	21731.1
60°		10197.6	10532.7	11096.8	11574.2	13050.6	14196.3	18088.9
65°		9573.1	10151.6	11649.1	11245.8	12054.4	12314.0	16528.8
70°		8392.7	9077.9	11112.7	11529.4	11566.0	11205.6	15240.1
75°		7092.6	7845.2	10579.2	11715.2	11376.8	10283.2	13515.6
80°		5992.1	6479.9	8769.1	10376.7	10681.4	9043.7	11314.3
85°		6062.4	6466.0	8227.5	9752.3	9342.9	7554.3	8095.5

Lichttechnischer Prüfbefund

Familie Licross® 21 Recessed	Bestell-Nr.: 52TL1EMN4E5S EAN: 4058352891926	LP-Nummer 59263_178
--	---	--------------------------------------

Leuchtdichten in cd/m²

γ 65°
γ 70°
γ 75°
γ 80°
γ 85°



Lichttechnischer Prüfbefund

Familie

Licross® 21 Recessed

Bestell-Nr.: 52TL1EMN4E5S

EAN: 4058352891926

LP-Nummer

59263_178

Multilumen-Tabelle

Umgebungstemperatur: 25°C

SITECO

DIP-Stufe	Schalterstellung			Lichtstrom [lm]	Systemleistung [W]
	1	2	3		
1	A	C	E	14710	83.1
2	A	C	F	13818	77.5
3	A	D	E	12768	71.1
4	A	D	F	11844	65.4
5	B	C	E	10836	59.4
6	B	C	F	9880	53.9
7	B	D	E	8851	47.9
8	B	D	F	7864	42.4