

Lichttechnischer Prüfbefund

Familie
Licross® 21 Recessed

Bestell-Nr.: 52TL1EMN4A5G
EAN: 4058352891902

LP-Nummer
59263_177



Ausführung Abdeckung satiniert, elliptisch eng strahlend
Bestückung LED 4000 K | CRI ≥ 80
Betriebsgerät EVG-Multilumen
Bemessungswerte Nettolichtstrom = 10630 lm
Systemleistung = 60.5 W
Lichtausbeute = 175.7 lm/W

Seriendokumentation
24.08.2023

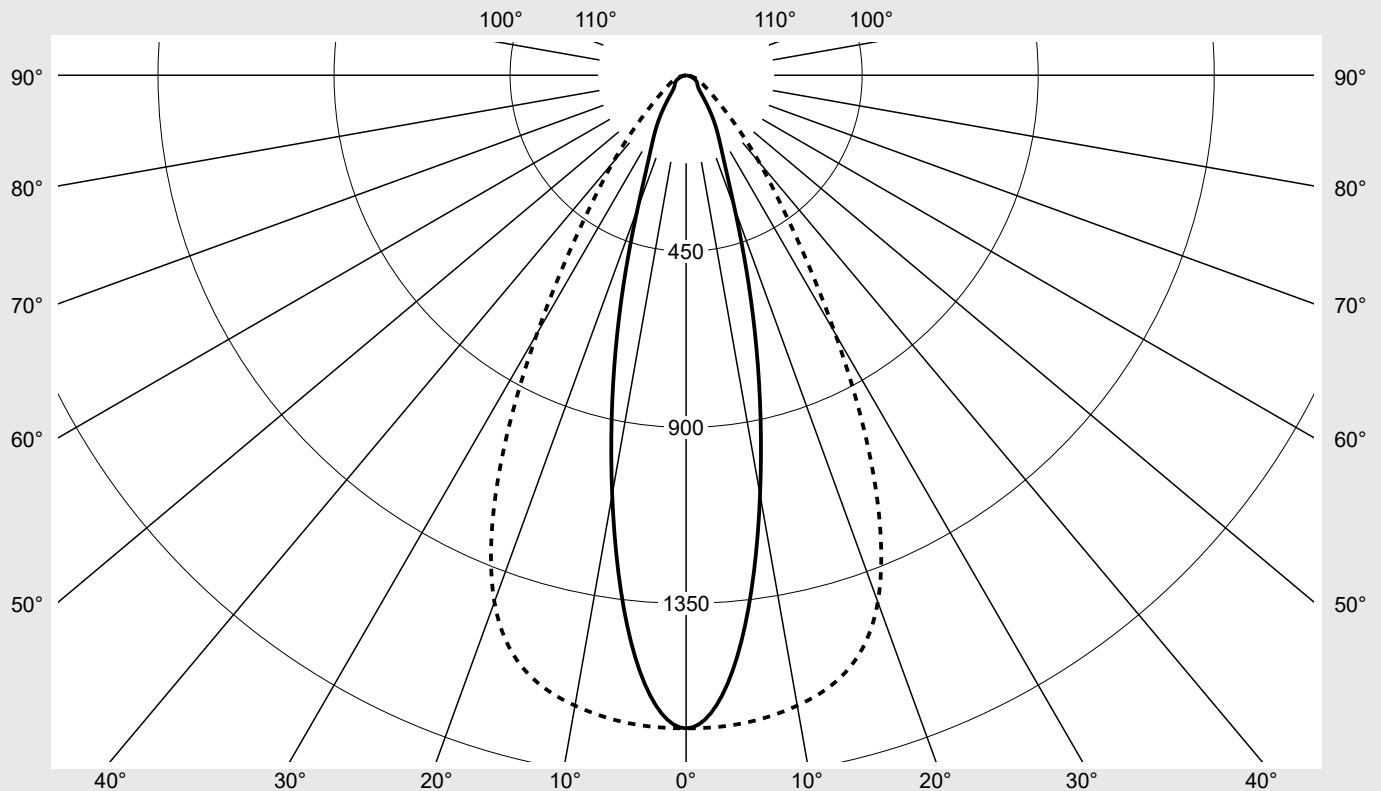
siteco

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

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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°			
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

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UGR-Tabelle		Standardraum									
Raumabmessungen		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
x	y										
2H	2H	15,4	16,6	15,7	16,9	17,2	20,4	21,6	20,7	21,9	22,2
	3H	16,5	17,6	16,9	18,0	18,3	21,0	22,0	21,3	22,3	22,7
	4H	16,9	17,9	17,3	18,3	18,7	21,2	22,2	21,6	22,5	22,9
	6H	17,1	18,1	17,5	18,4	18,8	21,5	22,3	21,9	22,7	23,1
	8H	17,3	18,1	17,7	18,5	18,9	21,6	22,3	22,0	22,7	23,1
	12H	17,3	18,1	17,8	18,5	18,9	21,6	22,3	22,1	22,7	23,1
4H	2H	16,2	17,1	16,6	17,5	17,9	20,4	21,4	20,7	21,7	22,1
	3H	17,6	18,4	18,0	18,8	19,2	21,1	21,9	21,5	22,3	22,7
	4H	18,1	18,9	18,6	19,3	19,7	21,4	22,2	21,9	22,6	23,0
	6H	18,4	19,1	18,9	19,5	20,0	21,7	22,4	22,2	22,8	23,3
	8H	18,5	19,1	19,0	19,6	20,0	21,9	22,4	22,4	22,9	23,3
	12H	18,6	19,1	19,1	19,6	20,1	21,9	22,4	22,4	22,9	23,4
8H	4H	18,6	19,1	19,1	19,6	20,1	21,5	22,1	22,0	22,6	23,0
	6H	19,1	19,5	19,6	20,0	20,5	22,0	22,4	22,4	22,9	23,4
	8H	19,2	19,6	19,7	20,1	20,6	22,1	22,5	22,6	23,0	23,5
	12H	19,3	19,7	19,8	20,2	20,7	22,2	22,5	22,7	23,0	23,6
12H	4H	18,6	19,1	19,1	19,6	20,1	21,5	22,0	22,0	22,5	23,0
	6H	19,1	19,5	19,7	20,0	20,5	21,9	22,3	22,4	22,8	23,4
	8H	19,3	19,7	19,9	20,2	20,7	22,1	22,5	22,6	23,0	23,5

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

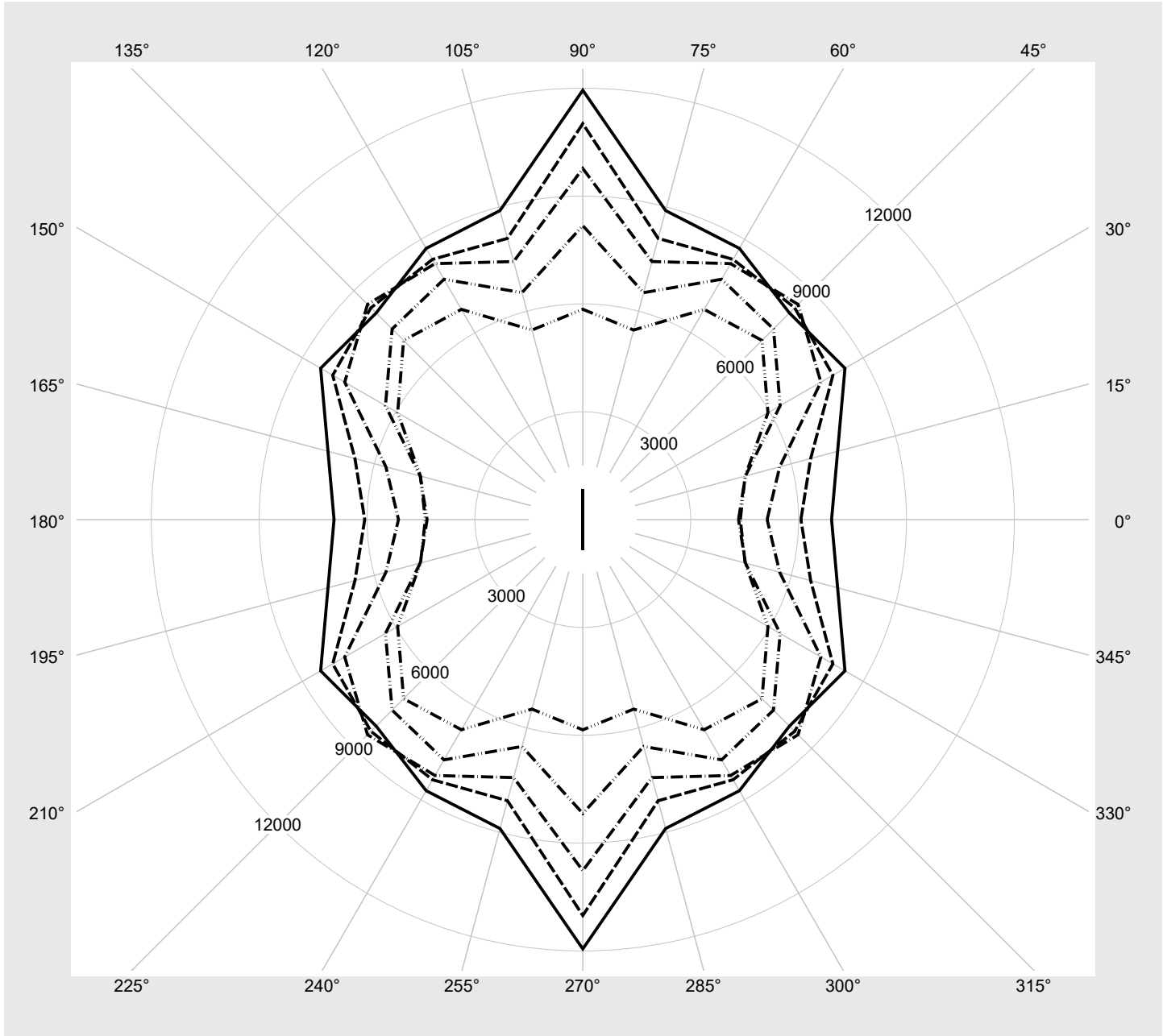
Lichttechnische Abmessungen in mm: **L = 1500**
B = 58

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°		7514.6	7926.9	10048.3	14908.3	17198.9	25124.3	30574.2
50°		7173.6	7409.5	8135.0	11601.8	12984.9	16980.2	20745.1
55°		7362.4	7451.7	7822.1	9261.1	10761.2	12701.6	15703.7
60°		7369.2	7611.3	8018.9	8364.0	9430.9	10258.8	13071.7
65°		6917.9	7335.9	8418.1	8126.6	8710.9	8898.6	11944.4
70°		6064.9	6560.0	8030.4	8331.6	8358.0	8097.6	11013.1
75°		5125.4	5669.2	7644.9	8465.9	8221.3	7431.0	9766.9
80°		4330.1	4682.7	6336.9	7498.6	7718.8	6535.3	8176.2
85°		4380.9	4672.5	5945.5	7047.4	6751.6	5459.0	5850.1

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



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Multilumen-Tabelle

Umgebungstemperatur: 25°C

SITECO

DIP-Stufe	Schalterstellung			Lichtstrom [lm]	Systemleistung [W]
	1	2	3		
1	A	C	E	10630	60.5
2	A	C	F	10010	56.5
3	A	D	E	9527	53.4
4	A	D	F	9033	50.3
5	B	C	E	8529	47.3
6	B	C	F	8025	44.4
7	B	D	E	7521	41.4
8	B	D	F	6996	38.4