

Lichttechnischer Prüfbefund

Familie
Licross® 11 Recessed

Bestell-Nr.: 51TL1ECN49XG
EAN: 4058352929889

LP-Nummer
59263_279



Ausführung Abdeckung satiniert, elliptisch eng strahlend
Bestückung LED 4000 K | CRI ≥ 80
Betriebsgerät EVG-Multilumen CLOi
Bemessungswerte Nettolichtstrom = 9000 lm
 Systemleistung = 49.3 W
 Lichtausbeute = 182.6 lm/W

Seriendokumentation
14.11.2025

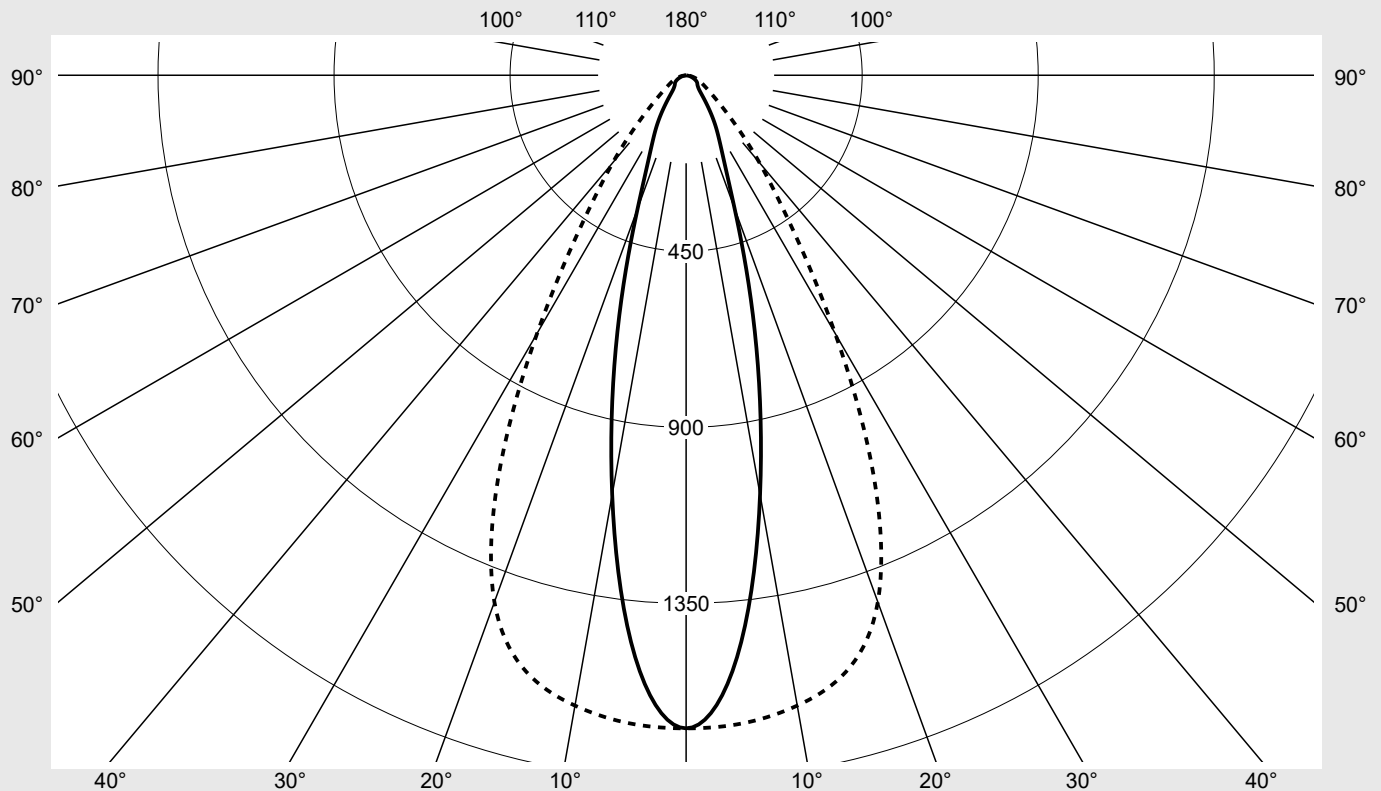
siteco

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® 11 Recessed	Bestell-Nr.: 51TL1ECN49XG EAN: 4058352929889	LP-Nummer 59263_279
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

Lichttechnischer Prüfbefund

Familie Licross® 11 Recessed	Bestell-Nr.: 51TL1ECN49XG EAN: 4058352929889	LP-Nummer 59263_279
--	---	-------------------------------

UGR-Tabelle		Standardraum									
Raumabmessungen		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
x	y										
2H	2H	14,8	16,0	15,1	16,3	16,6	19,8	21,0	20,1	21,3	21,7
	3H	16,0	17,0	16,3	17,4	17,7	20,4	21,4	20,8	21,8	22,1
	4H	16,3	17,4	16,7	17,7	18,1	20,6	21,6	21,0	22,0	22,3
	6H	16,5	17,5	16,9	17,9	18,3	20,9	21,7	21,3	22,1	22,5
	8H	16,7	17,5	17,2	17,9	18,3	21,0	21,8	21,4	22,1	22,5
	12H	16,8	17,5	17,2	17,9	18,4	21,0	21,7	21,5	22,1	22,5
4H	2H	15,6	16,6	16,0	16,9	17,3	19,8	20,8	20,2	21,2	21,5
	3H	17,0	17,9	17,5	18,2	18,7	20,5	21,3	20,9	21,7	22,1
	4H	17,5	18,3	18,0	18,7	19,1	20,9	21,6	21,3	22,0	22,5
	6H	17,8	18,5	18,3	18,9	19,4	21,2	21,8	21,6	22,2	22,7
	8H	17,9	18,5	18,4	19,0	19,5	21,3	21,8	21,8	22,3	22,8
	12H	18,0	18,5	18,5	19,0	19,5	21,4	21,8	21,8	22,3	22,8
8H	4H	18,0	18,6	18,5	19,0	19,5	21,0	21,5	21,4	22,0	22,5
	6H	18,5	18,9	19,0	19,4	19,9	21,4	21,8	21,9	22,3	22,8
	8H	18,6	19,0	19,1	19,5	20,0	21,5	21,9	22,0	22,4	22,9
	12H	18,7	19,1	19,3	19,6	20,1	21,6	21,9	22,1	22,4	23,0
12H	4H	18,1	18,5	18,6	19,0	19,5	20,9	21,5	21,4	21,9	22,4
	6H	18,6	18,9	19,1	19,4	20,0	21,4	21,8	21,9	22,3	22,8
	8H	18,8	19,1	19,3	19,6	20,2	21,5	21,9	22,0	22,4	22,9

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°		6362.4	6711.4	8507.5	12622.3	14561.6	21271.7	25886.0	
50°		6073.6	6273.3	6887.6	9822.8	10993.8	14376.5	17564.0	
55°		6233.5	6309.1	6622.7	7841.0	9111.1	10753.9	13295.7	
60°		6239.2	6444.2	6789.3	7081.4	7984.8	8685.7	11067.3	
65°		5857.1	6211.0	7127.2	6880.5	7375.2	7534.1	10112.8	
70°		5134.9	5554.1	6799.1	7054.0	7076.4	6855.9	9324.3	
75°		4339.5	4799.9	6472.6	7167.7	6960.7	6291.6	8269.3	
80°		3666.2	3964.6	5365.2	6348.7	6535.2	5533.2	6922.4	
85°		3709.2	3956.1	5033.8	5966.7	5716.3	4621.9	4953.1	

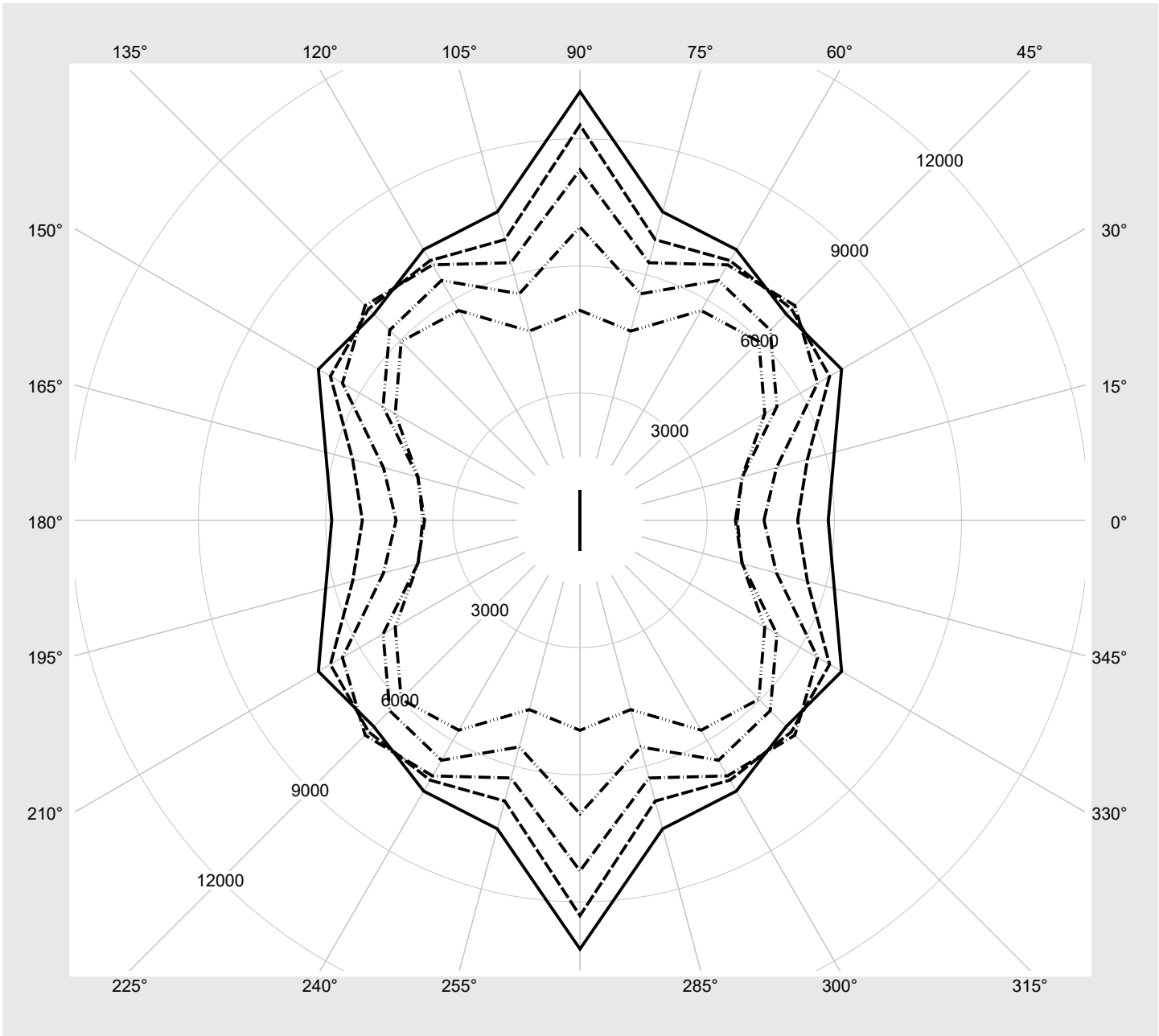
Lichttechnischer Prüfbefund

Familie Licross® 11 Recessed	Bestell-Nr.: 51TL1ECN49XG EAN: 4058352929889	LP-Nummer 59263_279
--	---	--------------------------------------

Leuchtdichten in cd/m²

γ 65°
γ 70°
γ 75°
γ 80°
γ 85°

siteco



Lichttechnischer Prüfbefund

Familie Licross® 11 Recessed	Bestell-Nr.: 51TL1ECN49XG EAN: 4058352929889	LP-Nummer 59263_279
--	---	--------------------------------------

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	9000	49.3	52.0	50.6
2	A	C	F	8480	46.2	48.4	47.3
3	A	D	E	7970	43.1	45.3	44.2
4	A	D	F	7440	40.0	42.2	41.1
5	B	C	E	6980	37.4	39.6	38.5
6	B	C	F	6450	34.3	36.5	35.4
7	B	D	E	5980	31.8	33.5	32.6
8	B	D	F	5510	29.2	30.9	30.0