

Lichttechnischer Prüfbefund

Familie
Licross® 11 Protected



Bestell-Nr.: 51TD11CN4EXS
EAN: 4058352928523

LP-Nummer
58525_211

Ausführung Prismenabdeckung, satiniert, eng strahlend
Bestückung LED 4000 K | CRI ≥ 80
Betriebsgerät EVG-Multilumen CLOi
Bemessungswerte Nettolichtstrom = 14460 lm
 Systemleistung = 77.6 W
 Lichtausbeute = 186.3 lm/W

Seriendokumentation
14.11.2025

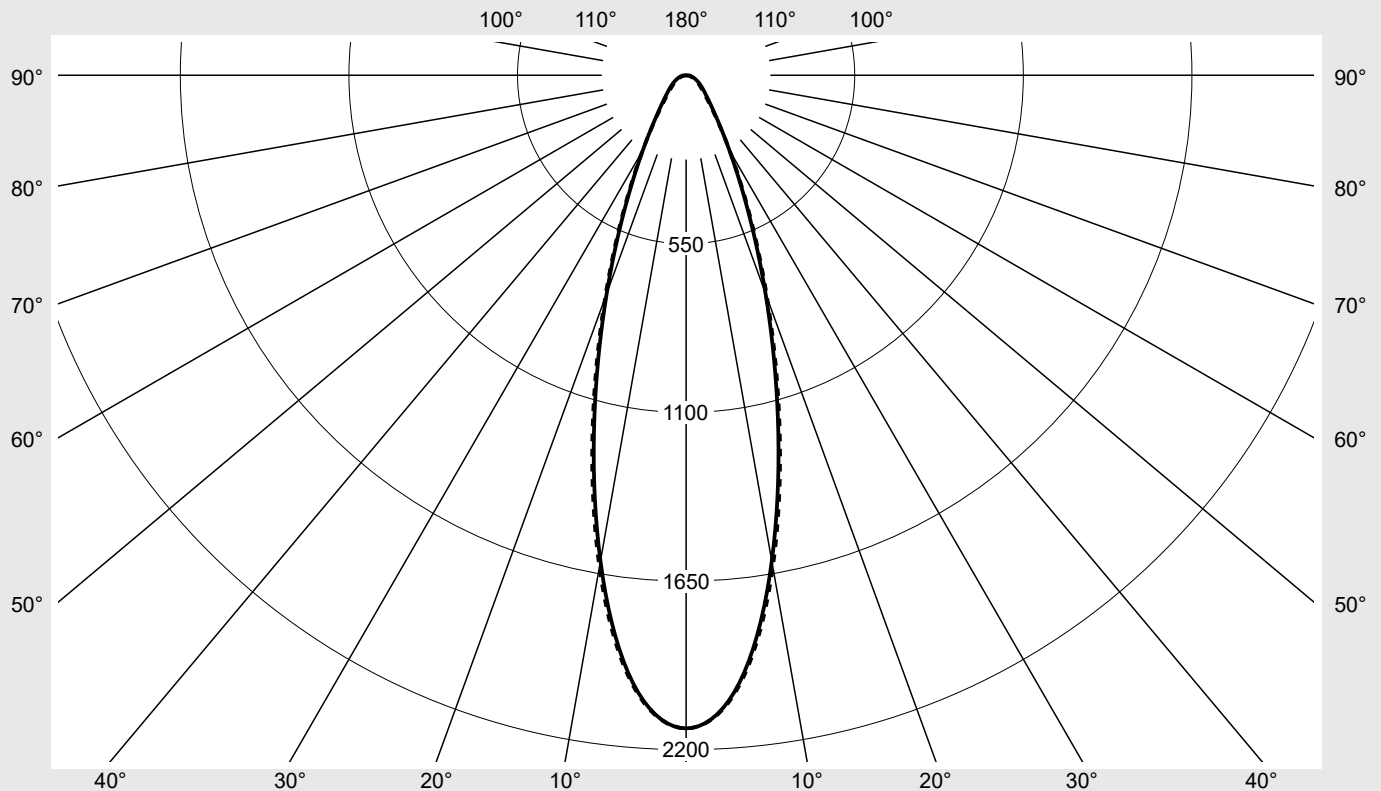
sitEco

Lichtstärke in cd/klm

C180-0

C270-90

Imax: 2130 cd/klm



Klassifizierungen

DIN 5040 A 7 1
 CIE N1=84 N2=94 N3=98
 N4=99 N5=100

Leuchtenbetriebswirkungsgrade

η_{LB} 100,0%
 ϕ_u 99,1%
 ϕ_o 0,9%

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°			
γ									
Lichtstärke in cd/klm									
Lichtstrom in lm/klm									
0°	2130.5	2130.5	2130.5	2130.5	2130.5	2130.5	2130.5	12.7	12.7
5°	1990.0	1982.4	1972.8	1980.9	1991.5	1994.0	1997.3	94.9	107.6
10°	1609.4	1602.7	1594.9	1604.0	1616.7	1623.6	1628.9	153.3	260.9
15°	1156.5	1152.7	1146.1	1151.7	1161.7	1170.4	1176.7	164.3	425.2
20°	757.1	754.5	751.0	754.8	760.5	766.7	772.3	142.2	567.4
25°	464.1	463.3	461.4	464.7	468.5	471.4	475.4	108.1	675.5
30°	281.8	280.0	276.3	277.8	280.6	282.2	284.6	76.7	752.2
35°	178.8	175.8	169.5	168.1	169.9	172.0	174.0	54.1	806.3
40°	123.8	119.7	111.6	107.8	108.9	112.2	115.0	39.9	846.2
45°	92.5	87.9	79.0	74.1	74.5	78.8	82.8	31.1	877.3
50°	72.9	68.3	60.1	54.9	54.7	59.1	63.7	25.6	902.9
55°	58.5	54.5	47.8	42.9	42.0	45.8	50.2	21.5	924.4
60°	46.6	43.5	38.6	34.6	32.9	35.6	39.1	18.0	942.5
65°	36.7	34.5	31.1	28.0	26.1	27.3	29.5	14.9	957.4
70°	28.5	27.0	24.6	22.5	20.4	20.1	21.2	12.0	969.4
75°	21.8	20.7	19.0	17.5	15.4	14.0	14.0	9.2	978.6
80°	16.2	15.4	14.3	12.9	10.9	8.9	8.1	6.7	985.3
85°	11.7	11.2	10.3	9.1	7.1	4.7	3.5	4.6	989.8
90°	8.1	7.7	6.9	5.8	3.9	1.7	0.3	2.8	992.6
95°	6.9	6.6	5.8	4.7	3.0	1.1	0.2	2.3	994.8
100°	6.0	5.6	4.9	3.8	2.2	0.6	0.2	1.8	996.7
105°	5.1	4.8	4.0	2.9	1.5	0.3	0.2	1.4	998.1
110°	4.3	4.0	3.2	2.2	0.9	0.2	0.2	1.1	999.2
115°	3.6	3.2	2.5	1.6	0.5	0.3	0.3	0.8	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	17,3	18,6	17,7	18,9	19,2	17,0	18,2	17,3	18,5	18,8
	3H	18,4	19,5	18,8	19,8	20,2	17,9	19,0	18,3	19,3	19,7
	4H	18,9	19,9	19,3	20,3	20,6	18,3	19,3	18,7	19,6	20,0
	6H	19,4	20,3	19,8	20,7	21,0	18,6	19,4	19,0	19,8	20,2
	8H	19,7	20,4	20,1	20,8	21,2	18,7	19,5	19,2	19,9	20,3
	12H	19,9	20,6	20,3	21,0	21,4	18,8	19,5	19,2	19,9	20,3
4H	2H	17,6	18,6	18,0	18,9	19,3	17,3	18,3	17,7	18,6	19,0
	3H	18,9	19,7	19,3	20,1	20,5	18,4	19,2	18,8	19,6	20,0
	4H	19,5	20,2	20,0	20,7	21,1	18,8	19,6	19,3	20,0	20,4
	6H	20,1	20,8	20,6	21,2	21,7	19,2	19,9	19,7	20,3	20,8
	8H	20,4	21,0	20,9	21,4	21,9	19,4	19,9	19,9	20,4	20,9
	12H	20,7	21,2	21,2	21,7	22,2	19,5	20,0	20,0	20,4	20,9
8H	4H	19,7	20,2	20,2	20,7	21,2	19,1	19,6	19,6	20,1	20,6
	6H	20,5	20,9	21,0	21,4	21,9	19,6	20,1	20,1	20,5	21,1
	8H	20,8	21,2	21,3	21,7	22,3	19,8	20,2	20,3	20,7	21,2
	12H	21,2	21,6	21,8	22,1	22,6	20,0	20,3	20,5	20,8	21,4
12H	4H	19,7	20,2	20,2	20,6	21,1	19,2	19,6	19,6	20,1	20,6
	6H	20,5	20,9	21,0	21,4	21,9	19,7	20,1	20,2	20,6	21,1
	8H	20,9	21,3	21,5	21,8	22,3	20,0	20,3	20,5	20,8	21,3

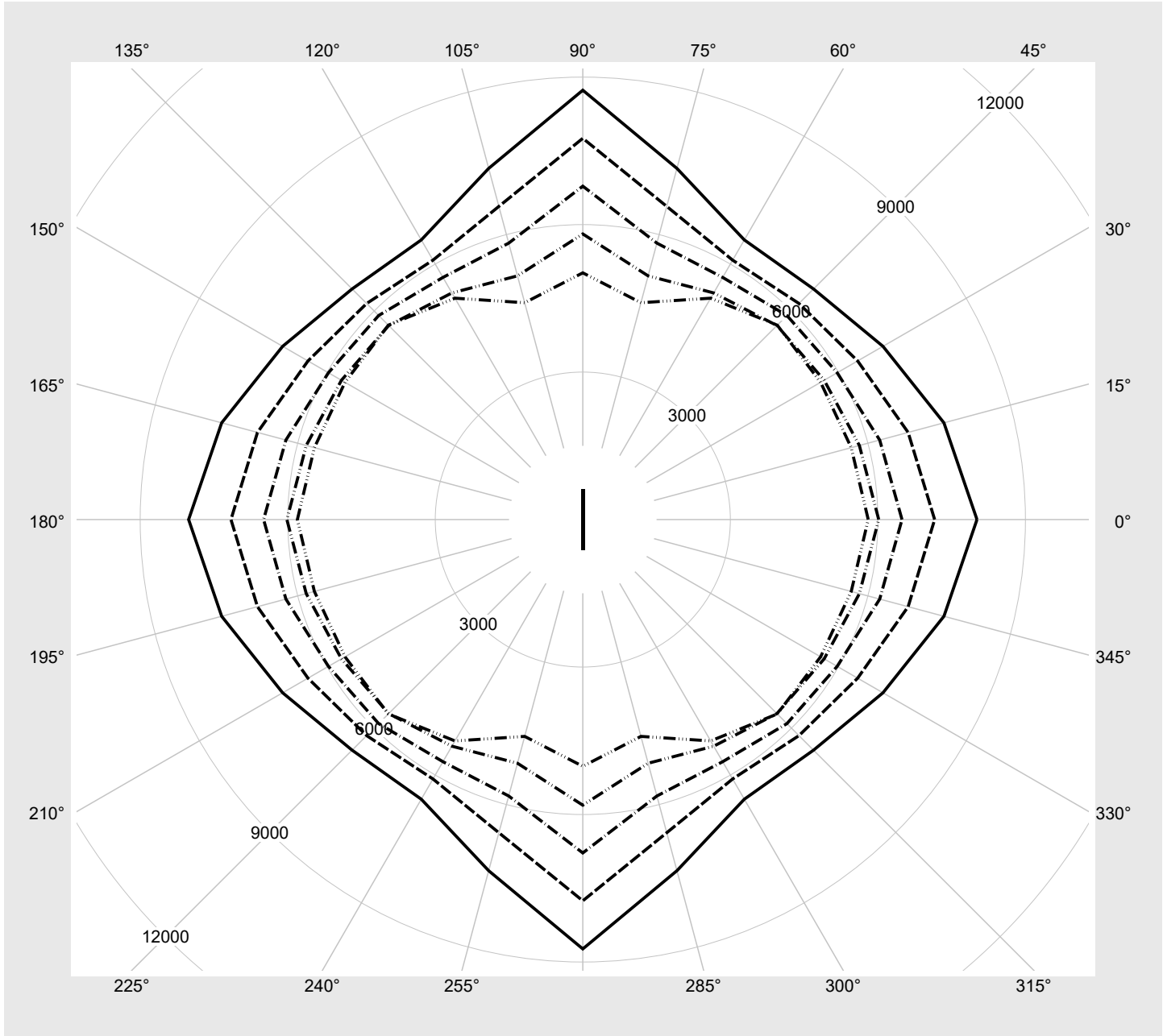
Leuchtdichten-Tabelle Max. für $\gamma \geq 65^\circ$	Lichttechnische Abmessungen in mm: L = 1480, B = 78	H(C0) = 13, H(C90) = 0	H(C180) = 13, H(C270) = 0
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C-Ebenen	γ	Leuchtdichte in cd/m ²						
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°
45°		14049.4	13405.0	12232.0	11744.6	12186.3	13385.1	14658.9
50°		11853.1	11169.6	9999.3	9387.0	9688.4	10959.6	12404.8
55°		10325.8	9683.3	8653.4	8022.2	8191.2	9428.6	10964.8
60°		9068.4	8529.5	7735.8	7189.0	7212.1	8304.1	9795.3
65°		8015.1	7602.1	7047.5	6634.1	6568.5	7394.9	8733.7
70°		7154.1	6848.6	6452.9	6215.6	6093.3	6594.8	7755.0
75°		6490.6	6250.0	5972.1	5870.2	5687.6	5821.4	6781.8
80°		6017.1	5822.0	5667.0	5582.3	5323.1	5132.0	5809.7
85°		5803.7	5650.4	5583.8	5591.9	5199.7	4566.5	5018.7

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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
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DIP-Stufe	Schalterstellung			Lichtstrom [lm]	Systemleistung [W]	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
	1	2	3				
1	A	C	E	14460	77.6	81.7	79.6
2	A	C	F	13200	70.1	74.1	72.1
3	A	D	E	12220	64.4	67.9	66.2
4	A	D	F	11150	58.3	61.3	59.8
5	B	C	E	10150	52.6	55.6	54.1
6	B	C	F	9130	47.0	49.6	48.3
7	B	D	E	8110	41.5	43.6	42.6
8	B	D	F	7070	36.1	38.2	37.2