

Lichttechnischer Prüfbefund

Familie
Licross® 11 Recessed

Bestell-Nr.: 51TL1WCN4C5M
EAN: 4069025081063

LP-Nummer
59521_35



Ausführung Abdeckung satiniert, breit strahlend
Bestückung LED 4000 K | CRI ≥ 80
Betriebsgerät EVG-Multilumen CLOi
Bemessungswerte Nettolichtstrom = 12870 lm
 Systemleistung = 66.5 W
 Lichtausbeute = 193.5 lm/W

Seriendokumentation
21.03.2024

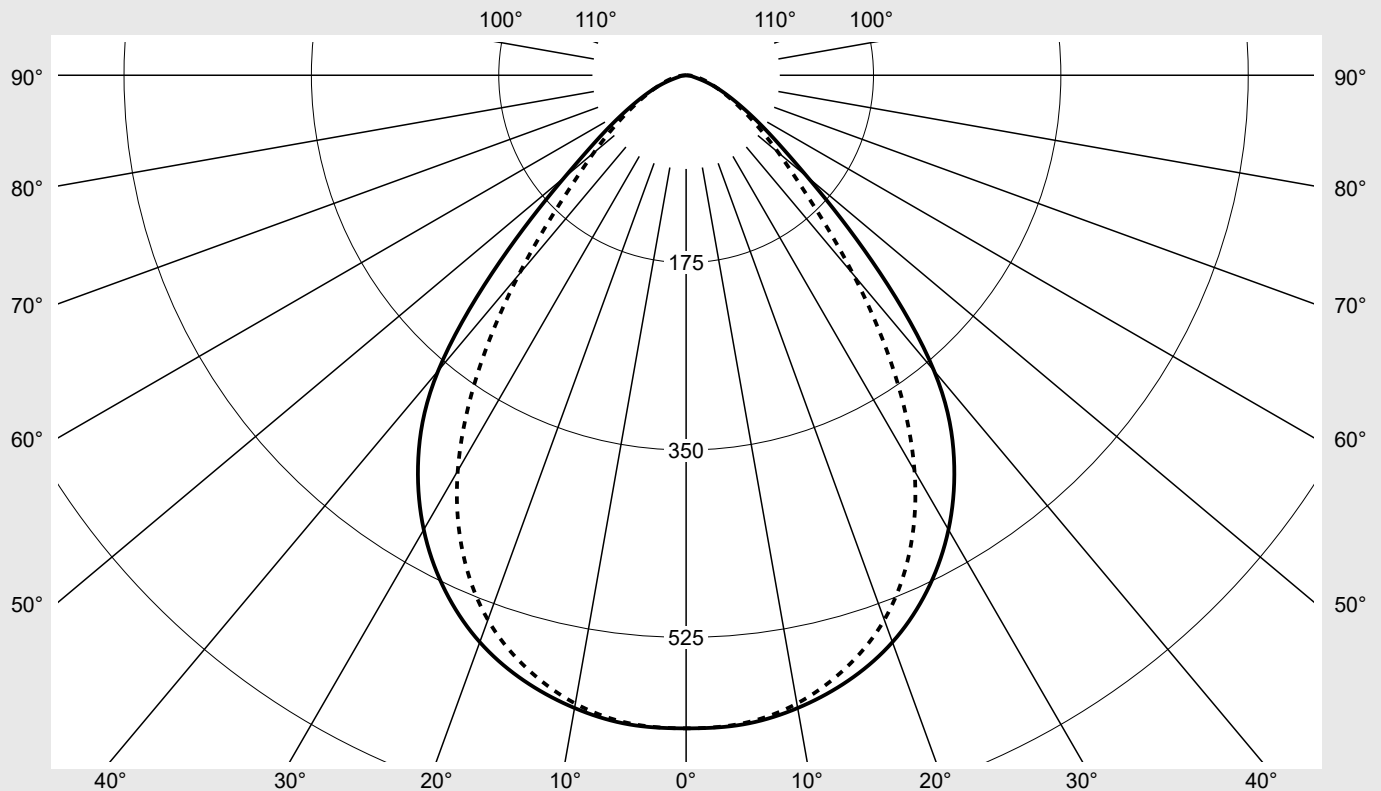
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Lichtstärke in cd/klm

C180-0

C270-90

Imax: 610 cd/klm



Klassifizierungen

DIN 5040 A 5 0
 CIE N1=73 N2=94 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°			
γ									
Lichtstärke in cd/klm									
Lichtstrom in lm/klm									
0°	610.0	610.0	610.0	610.0	610.0	610.0	610.0	3.6	3.6
5°	608.6	607.6	603.5	605.7	607.8	607.2	607.6	29.0	32.6
10°	600.1	600.0	594.9	595.9	596.5	595.2	595.9	56.8	89.4
15°	585.3	585.9	578.8	577.8	576.6	573.9	573.7	82.1	171.5
20°	563.4	563.9	554.9	550.2	546.3	542.2	541.3	103.4	275.0
25°	531.8	531.9	519.6	510.4	502.3	495.0	493.0	118.6	393.5
30°	490.1	489.9	473.2	457.8	443.0	430.6	426.6	125.7	519.3
35°	436.1	434.9	413.9	389.9	365.2	345.5	339.2	122.5	641.7
40°	360.2	357.4	334.2	303.1	273.1	250.6	243.1	106.9	748.6
45°	245.6	242.6	226.1	203.9	182.4	166.8	161.9	79.2	827.8
50°	148.2	149.1	145.2	133.7	122.4	114.2	112.6	55.6	883.4
55°	94.6	95.2	94.9	92.6	85.9	79.9	79.2	40.1	923.5
60°	61.8	62.8	63.1	63.8	60.6	55.1	54.9	28.8	952.3
65°	39.8	41.1	42.4	42.8	42.4	38.1	37.8	20.3	972.6
70°	23.6	24.8	26.8	28.2	28.2	26.4	25.7	13.6	986.2
75°	10.5	11.2	13.0	16.6	16.9	18.1	17.0	7.9	994.2
80°	5.4	5.5	5.6	6.4	8.9	11.0	9.8	4.1	998.2
85°	2.7	2.8	2.9	2.9	2.8	4.7	4.7	1.8	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									
		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
Raumabmessungen											
x	y										
2H	2H	23,3	24,7	23,7	25,0	25,4	22,0	23,4	22,4	23,8	24,1
	3H	23,6	24,8	24,0	25,2	25,5	22,4	23,7	22,8	24,0	24,4
	4H	23,6	24,8	24,0	25,1	25,5	22,6	23,8	23,0	24,1	24,5
	6H	23,6	24,6	24,0	25,0	25,4	22,7	23,8	23,2	24,2	24,6
	8H	23,6	24,6	24,1	25,0	25,4	22,8	23,8	23,3	24,2	24,6
	12H	23,6	24,5	24,1	24,9	25,3	22,9	23,8	23,3	24,2	24,6
4H	2H	23,4	24,6	23,8	25,0	25,3	22,3	23,5	22,7	23,8	24,2
	3H	23,8	24,8	24,2	25,1	25,6	22,9	23,8	23,3	24,2	24,6
	4H	23,8	24,7	24,3	25,1	25,5	23,1	24,0	23,5	24,4	24,8
	6H	23,8	24,6	24,3	25,0	25,5	23,3	24,1	23,8	24,5	25,0
	8H	23,8	24,5	24,3	24,9	25,4	23,4	24,1	23,9	24,5	25,0
	12H	23,9	24,4	24,3	24,9	25,4	23,5	24,0	24,0	24,5	25,0
8H	4H	23,8	24,5	24,3	25,0	25,4	23,2	23,8	23,6	24,3	24,7
	6H	23,8	24,4	24,3	24,9	25,4	23,4	24,0	23,9	24,4	24,9
	8H	23,8	24,3	24,3	24,8	25,3	23,5	24,0	24,0	24,5	25,0
	12H	23,9	24,3	24,4	24,8	25,3	23,6	24,0	24,1	24,5	25,1
12H	4H	23,8	24,4	24,3	24,9	25,4	23,2	23,7	23,7	24,2	24,7
	6H	23,9	24,3	24,4	24,8	25,3	23,4	23,9	23,9	24,4	24,9
	8H	23,8	24,2	24,4	24,7	25,3	23,5	23,9	24,0	24,4	25,0

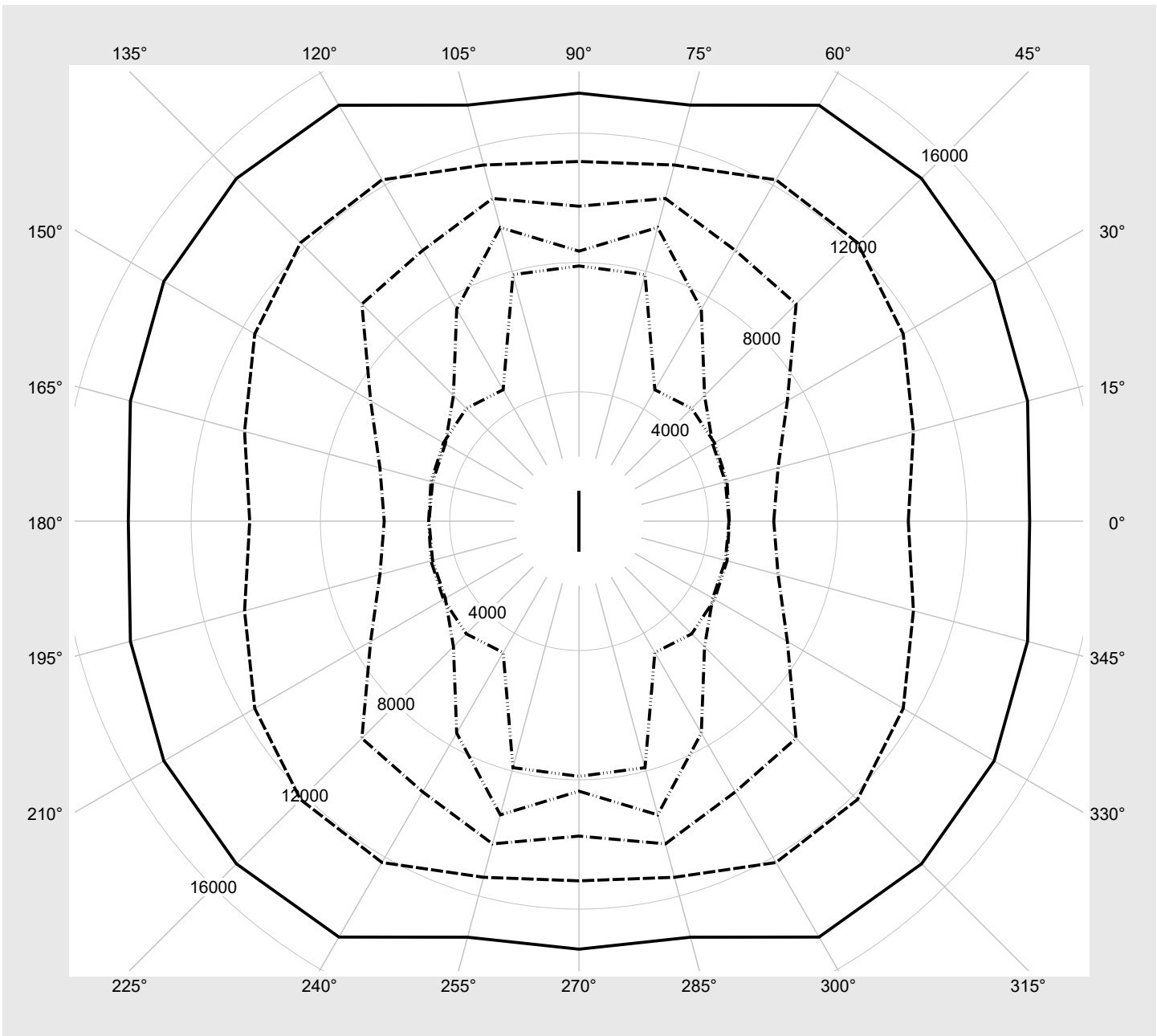
Leuchtdichten-Tabelle Max. für $\gamma \geq 65^\circ$	Lichttechnische Abmessungen in mm: L = 1500 B = 58
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C- Ebenen	γ	Leuchtdichte in cd/m ²						
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°
45°		51387.9	50763.0	47295.6	42664.0	38155.0	34903.3	33866.7
50°		34095.9	34316.8	33411.2	30769.2	28166.8	26272.8	25911.4
55°		24389.0	24550.4	24482.6	23875.2	22147.2	20602.1	20425.4
60°		18274.2	18566.8	18681.3	18884.0	17917.1	16310.6	16247.0
65°		13944.7	14369.3	14832.4	14990.2	14855.1	13323.4	13239.7
70°		10188.5	10712.7	11584.2	12182.0	12191.9	11404.3	11125.7
75°		6026.0	6376.9	7445.2	9500.5	9670.8	10333.8	9741.7
80°		4640.3	4690.6	4775.8	5493.9	7569.1	9405.0	8352.0
85°		4652.3	4742.3	4842.4	4930.7	4693.1	7894.2	7894.2

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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	12870	66.5	74.5	70.5
2	A	C	F	12252	63.0	70.9	67.0
3	A	D	E	11240	57.4	64.3	60.8
4	A	D	F	10217	51.7	57.8	54.8
5	B	C	E	9184	46.2	51.3	48.8
6	B	C	F	8214	41.1	45.8	43.4
7	B	D	E	7149	35.6	39.4	37.5
8	B	D	F	6169	30.7	34.0	32.4