

Lichttechnischer Prüfbefund

Familie
Licross® 11 Recessed

Bestell-Nr.: 51TL1EMN4D5S
EAN: 4058352940921

LP-Nummer
59263_243



Ausführung Abdeckung satiniert, elliptisch eng strahlend
Bestückung LED 4000 K | CRI ≥ 80
Betriebsgerät EVG-Multilumen
Bemessungswerte Nettolichtstrom = 13740 lm
Systemleistung = 74.5 W
Lichtausbeute = 184.4 lm/W

Seriendokumentation
11.10.2023

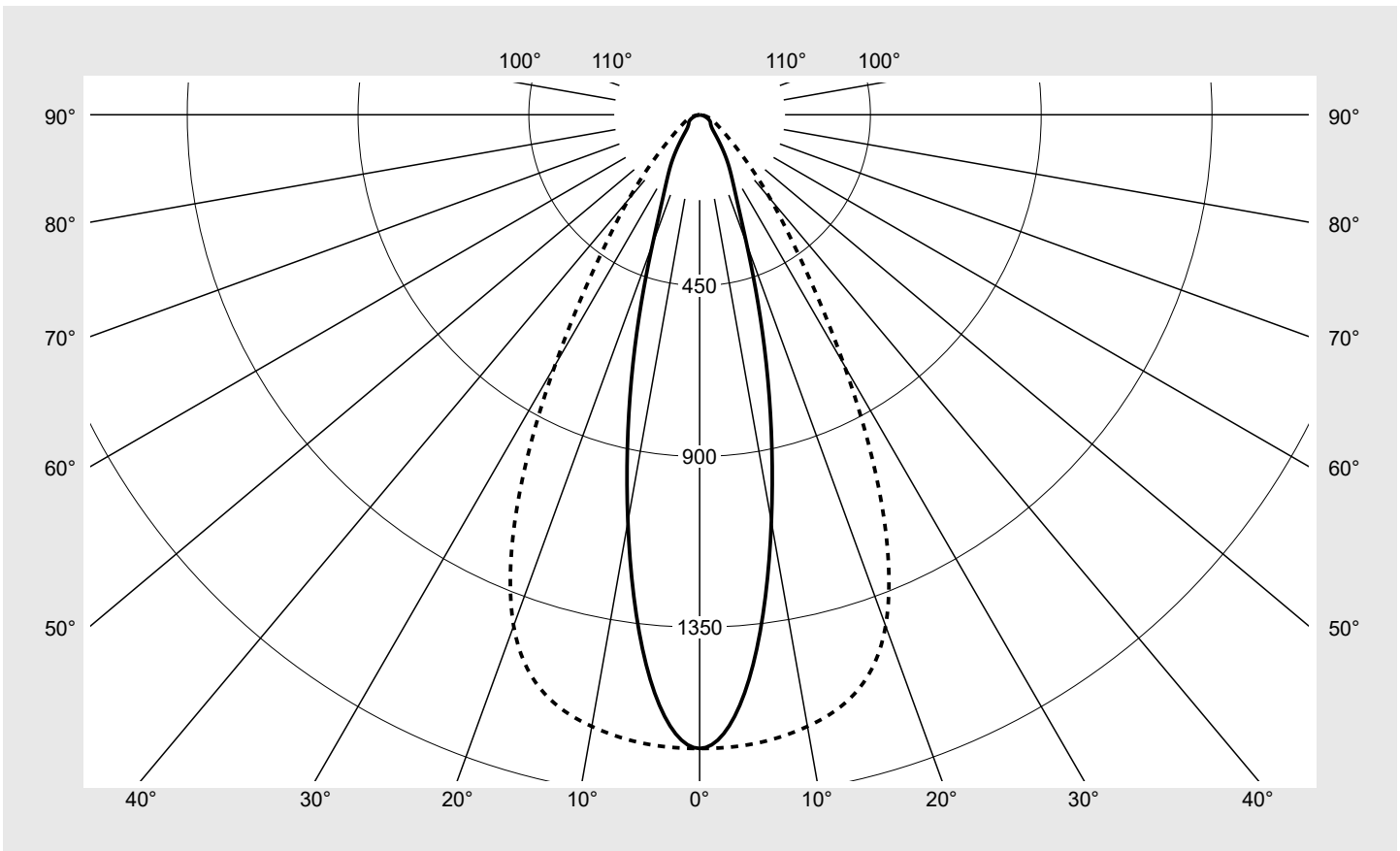
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Lichtstärke in cd/klm

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	16,3	17,5	16,6	17,8	18,1	21,3	22,5	21,6	22,8	23,1
	3H	17,4	18,5	17,8	18,9	19,2	21,8	22,9	22,2	23,2	23,6
	4H	17,8	18,8	18,2	19,2	19,6	22,1	23,1	22,5	23,4	23,8
	6H	18,0	19,0	18,4	19,3	19,7	22,3	23,2	22,8	23,6	24,0
	8H	18,2	19,0	18,6	19,4	19,8	22,5	23,2	22,9	23,6	24,0
	12H	18,2	19,0	18,7	19,4	19,8	22,5	23,2	23,0	23,6	24,0
4H	2H	17,1	18,0	17,5	18,4	18,8	21,2	22,3	21,6	22,6	23,0
	3H	18,5	19,3	18,9	19,7	20,1	22,0	22,8	22,4	23,2	23,6
	4H	19,0	19,8	19,5	20,2	20,6	22,3	23,1	22,8	23,5	23,9
	6H	19,3	20,0	19,8	20,4	20,9	22,6	23,3	23,1	23,7	24,2
	8H	19,4	20,0	19,9	20,4	20,9	22,8	23,3	23,2	23,8	24,2
	12H	19,5	20,0	20,0	20,5	21,0	22,8	23,3	23,3	23,7	24,2
8H	4H	19,5	20,0	20,0	20,5	21,0	22,4	23,0	22,9	23,5	23,9
	6H	20,0	20,4	20,5	20,9	21,4	22,8	23,3	23,3	23,8	24,3
	8H	20,1	20,5	20,6	21,0	21,5	23,0	23,4	23,5	23,9	24,4
	12H	20,2	20,6	20,7	21,1	21,6	23,1	23,4	23,6	23,9	24,4
12H	4H	19,5	20,0	20,0	20,5	21,0	22,4	22,9	22,9	23,4	23,9
	6H	20,0	20,4	20,6	20,9	21,4	22,8	23,2	23,3	23,7	24,3
	8H	20,2	20,6	20,8	21,1	21,6	23,0	23,3	23,5	23,9	24,4

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

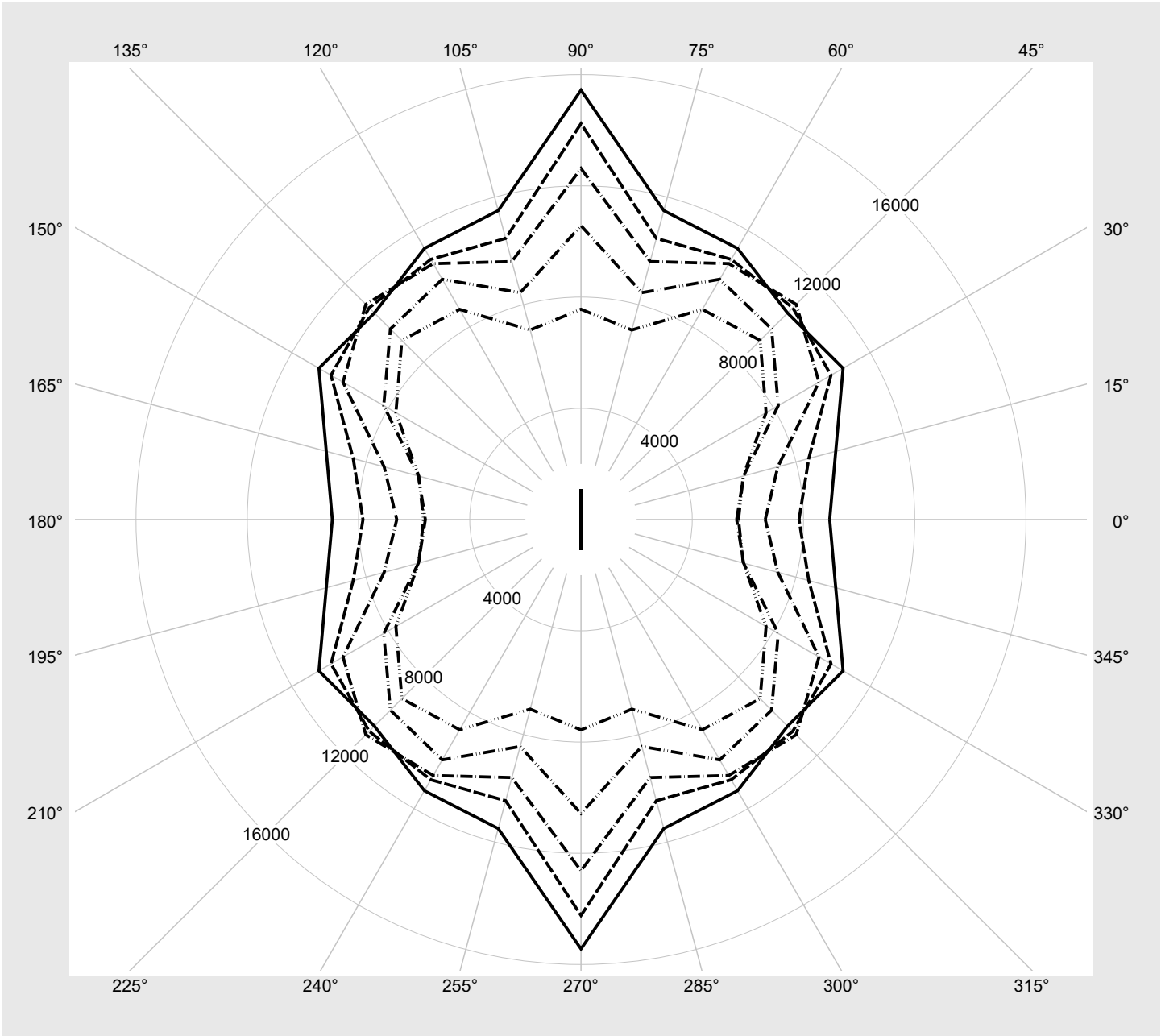
Lichttechnische Abmessungen in mm: **L = 1500**
B = 58

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°		9713.2	10246.1	12988.1	19270.0	22230.7	32474.8	39519.2
50°		9272.4	9577.3	10515.1	14996.1	16783.8	21948.1	26814.4
55°		9516.5	9631.8	10110.6	11970.6	13909.6	16417.7	20298.1
60°		9525.1	9838.2	10365.0	10811.0	12190.1	13260.2	16896.1
65°		8941.8	9482.2	10880.9	10504.2	11259.5	11502.0	15438.9
70°		7839.3	8479.3	10379.9	10769.2	10803.3	10466.7	14235.1
75°		6624.9	7327.9	9881.6	10942.7	10626.6	9605.1	12624.4
80°		5597.0	6052.6	8190.9	9692.4	9977.1	8447.3	10568.3
85°		5662.7	6039.6	7684.9	9109.2	8726.9	7056.1	7561.7

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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

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DIP-Stufe	Schalterstellung			Lichtstrom [lm]	Systemleistung [W]
	1	2	3		
1	A	C	E	13740	74.5
2	A	C	F	12792	68.7
3	A	D	E	11812	63.0
4	A	D	F	10843	57.4
5	B	C	E	9852	51.7
6	B	C	F	8851	46.2
7	B	D	E	7914	41.1
8	B	D	F	6902	35.6