

Lichttechnischer Prüfbefund

Familie
Licross® 21 Recessed

Bestell-Nr.: 52TL1ECN4AXS
EAN: 4058352891667

LP-Nummer
59263_123



Ausführung Abdeckung satiniert, elliptisch eng strahlend
Bestückung LED 4000 K | CRI ≥ 80
Betriebsgerät EVG-Multilumen CLOi
Bemessungswerte Nettolichtstrom = 10030 lm
Systemleistung = 54.7 W
Lichtausbeute = 183.4 lm/W

Seriendokumentation
17.08.2023

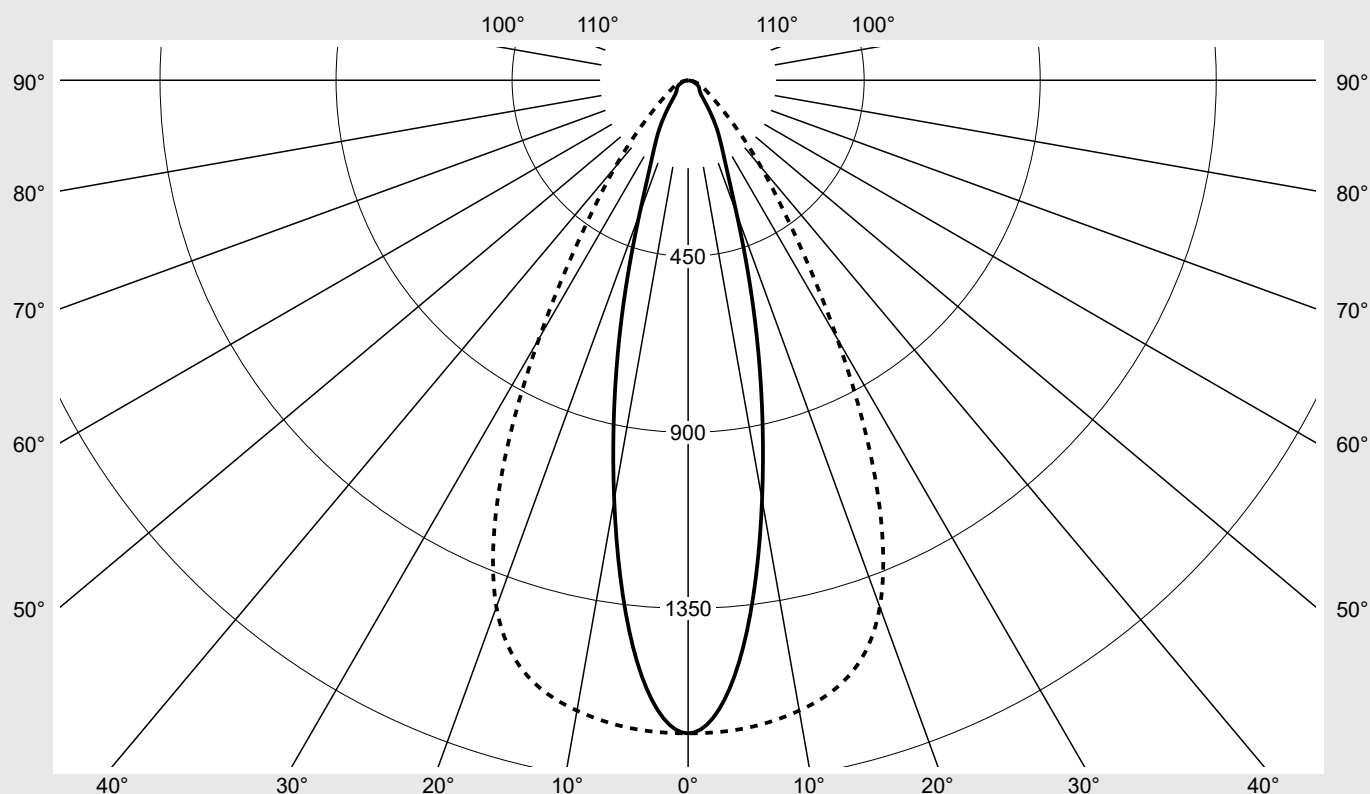
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Lichtstärke in cd/klm

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
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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									
γ								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	15,2	16,4	15,5	16,7	17,0	20,2	21,4	20,5	21,7	22,0
	3H	16,3	17,4	16,7	17,8	18,1	20,8	21,8	21,1	22,1	22,5
	4H	16,7	17,7	17,1	18,1	18,5	21,0	22,0	21,4	22,3	22,7
	6H	16,9	17,9	17,3	18,2	18,6	21,3	22,1	21,7	22,5	22,9
	8H	17,1	17,9	17,5	18,3	18,7	21,4	22,1	21,8	22,5	22,9
	12H	17,1	17,9	17,6	18,3	18,7	21,4	22,1	21,9	22,5	22,9
4H	2H	16,0	16,9	16,4	17,3	17,7	20,1	21,2	20,5	21,5	21,9
	3H	17,4	18,2	17,8	18,6	19,0	20,9	21,7	21,3	22,1	22,5
	4H	17,9	18,7	18,4	19,1	19,5	21,2	22,0	21,7	22,4	22,8
	6H	18,2	18,9	18,7	19,3	19,8	21,5	22,2	22,0	22,6	23,1
	8H	18,3	18,9	18,8	19,4	19,8	21,7	22,2	22,2	22,7	23,1
	12H	18,4	18,9	18,9	19,4	19,9	21,7	22,2	22,2	22,7	23,2
8H	4H	18,4	18,9	18,9	19,4	19,9	21,3	21,9	21,8	22,4	22,8
	6H	18,9	19,3	19,4	19,8	20,3	21,7	22,2	22,2	22,7	23,2
	8H	19,0	19,4	19,5	19,9	20,4	21,9	22,3	22,4	22,8	23,3
	12H	19,1	19,5	19,6	20,0	20,5	22,0	22,3	22,5	22,8	23,4
12H	4H	18,4	18,9	18,9	19,4	19,9	21,3	21,8	21,8	22,3	22,8
	6H	18,9	19,3	19,5	19,8	20,3	21,7	22,1	22,2	22,6	23,2
	8H	19,1	19,5	19,7	20,0	20,5	21,9	22,3	22,4	22,8	23,3

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°		7090.5	7479.5	9481.2	14066.8	16228.1	23706.2	28848.5
50°		6768.7	6991.3	7675.9	10946.9	12251.9	16021.8	19574.1
55°		6946.9	7031.1	7380.6	8738.4	10153.8	11984.7	14817.3
60°		6953.2	7181.7	7566.3	7891.9	8898.6	9679.8	12333.9
65°		6527.4	6921.9	7942.9	7667.9	8219.3	8396.3	11270.2
70°		5722.6	6189.8	7577.2	7861.3	7886.3	7640.5	10391.4
75°		4836.1	5349.2	7213.4	7988.0	7757.3	7011.6	9215.6
80°		4085.7	4418.3	5979.2	7075.3	7283.1	6166.4	7714.7
85°		4133.7	4408.8	5609.9	6649.6	6370.5	5150.9	5519.9

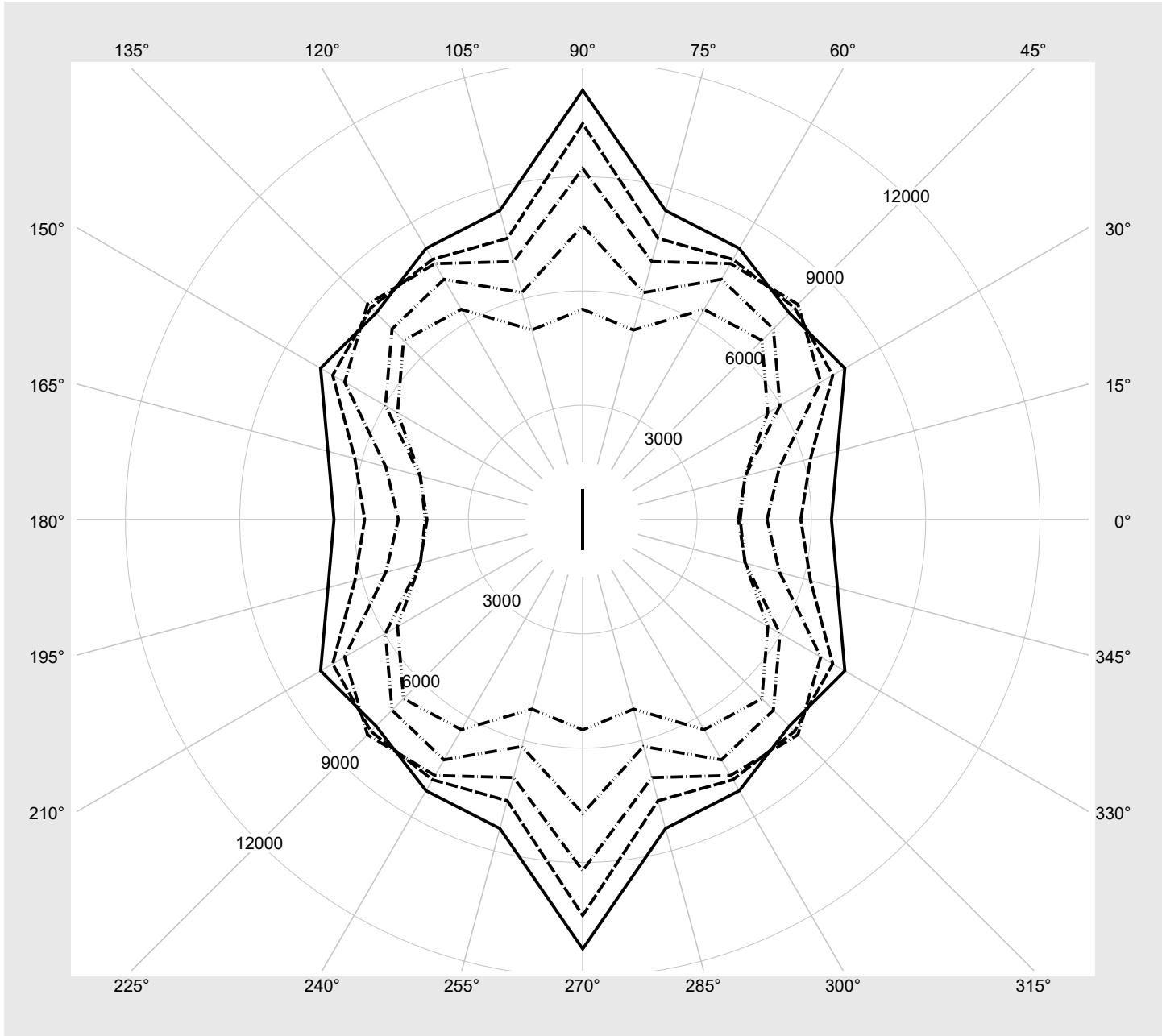
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Leuchtdichten in cd/m²

γ 65°	γ 70°	γ 75°	γ 80°	γ 85°
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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	10030	54.7	65.9	60.3
2	A	C	F	9526	51.8	62.4	57.1
3	A	D	E	9001	48.7	58.6	53.6
4	A	D	F	8476	45.8	54.7	50.2
5	B	C	E	8024	43.3	51.8	47.6
6	B	C	F	7488	40.4	48.3	44.3
7	B	D	E	7037	37.9	45.0	41.4
8	B	D	F	6501	35.0	41.6	38.3