

Lichttechnischer Prüfbefund

Familie
Licross® 21 Recessed

Bestell-Nr.: 52TE1ECN485G
EAN: 4058352890080

LP-Nummer
59263_125



Ausführung Abdeckung satiniert, elliptisch eng strahlend
Bestückung LED 4000 K | CRI ≥ 80
Betriebsgerät EVG-Multilumen CLOi
Bemessungswerte Nettolichtstrom = 8960 lm
Systemleistung = 49.9 W
Lichtausbeute = 179.6 lm/W

Seriendokumentation
17.08.2023

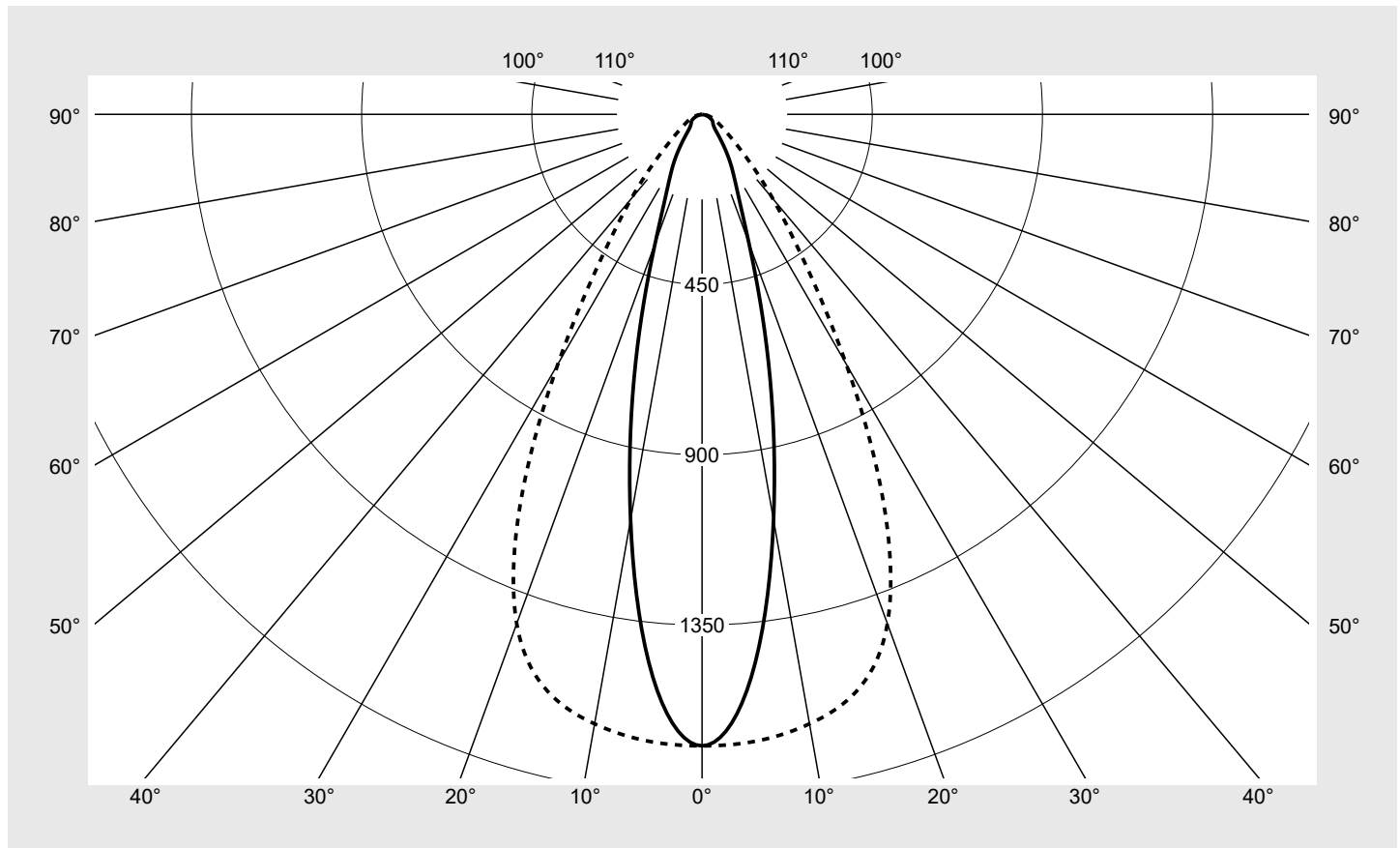
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Lichtstärke in cd/klm

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
		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	14,8	16,0	15,1	16,3	16,6	19,8	21,0	20,1	21,3	21,6
	3H	15,9	17,0	16,3	17,4	17,7	20,4	21,4	20,7	21,7	22,1
	4H	16,3	17,3	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	18,2	20,9	21,7	21,3	22,1	22,5
	8H	16,7	17,5	17,1	17,9	18,3	21,0	21,7	21,4	22,1	22,5
	12H	16,7	17,5	17,2	17,9	18,3	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	21,1	21,5
	3H	17,0	17,8	17,4	18,2	18,6	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	22,4
	6H	17,8	18,5	18,3	18,9	19,4	21,1	21,8	21,6	22,2	22,7
	8H	17,9	18,5	18,4	19,0	19,4	21,3	21,8	21,8	22,3	22,7
	12H	18,0	18,5	18,5	19,0	19,5	21,3	21,8	21,8	22,3	22,8
8H	4H	18,0	18,5	18,5	19,0	19,5	20,9	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	19,2	19,6	20,1	21,6	21,9	22,1	22,4	23,0
12H	4H	18,1	18,5	18,5	19,0	19,5	20,9	21,4	21,4	21,9	22,4
	6H	18,6	18,9	19,1	19,4	20,0	21,3	21,7	21,9	22,2	22,8
	8H	18,8	19,1	19,3	19,6	20,1	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°		6334.1	6681.6	8469.7	12566.2	14496.9	21177.2	25770.9
50°		6046.6	6245.4	6857.0	9779.1	10944.9	14312.6	17486.0
55°		6205.8	6281.0	6593.3	7806.2	9070.6	10706.1	13236.6
60°		6211.4	6415.6	6759.1	7050.0	7949.3	8647.1	11018.1
65°		5831.1	6183.4	7095.6	6849.9	7342.4	7500.6	10067.9
70°		5112.1	5529.4	6768.8	7022.7	7045.0	6825.4	9282.9
75°		4320.2	4778.6	6443.9	7135.8	6929.7	6263.6	8232.5
80°		3649.9	3947.0	5341.3	6320.5	6506.2	5508.6	6891.7
85°		3692.7	3938.5	5011.4	5940.2	5690.9	4601.4	4931.1

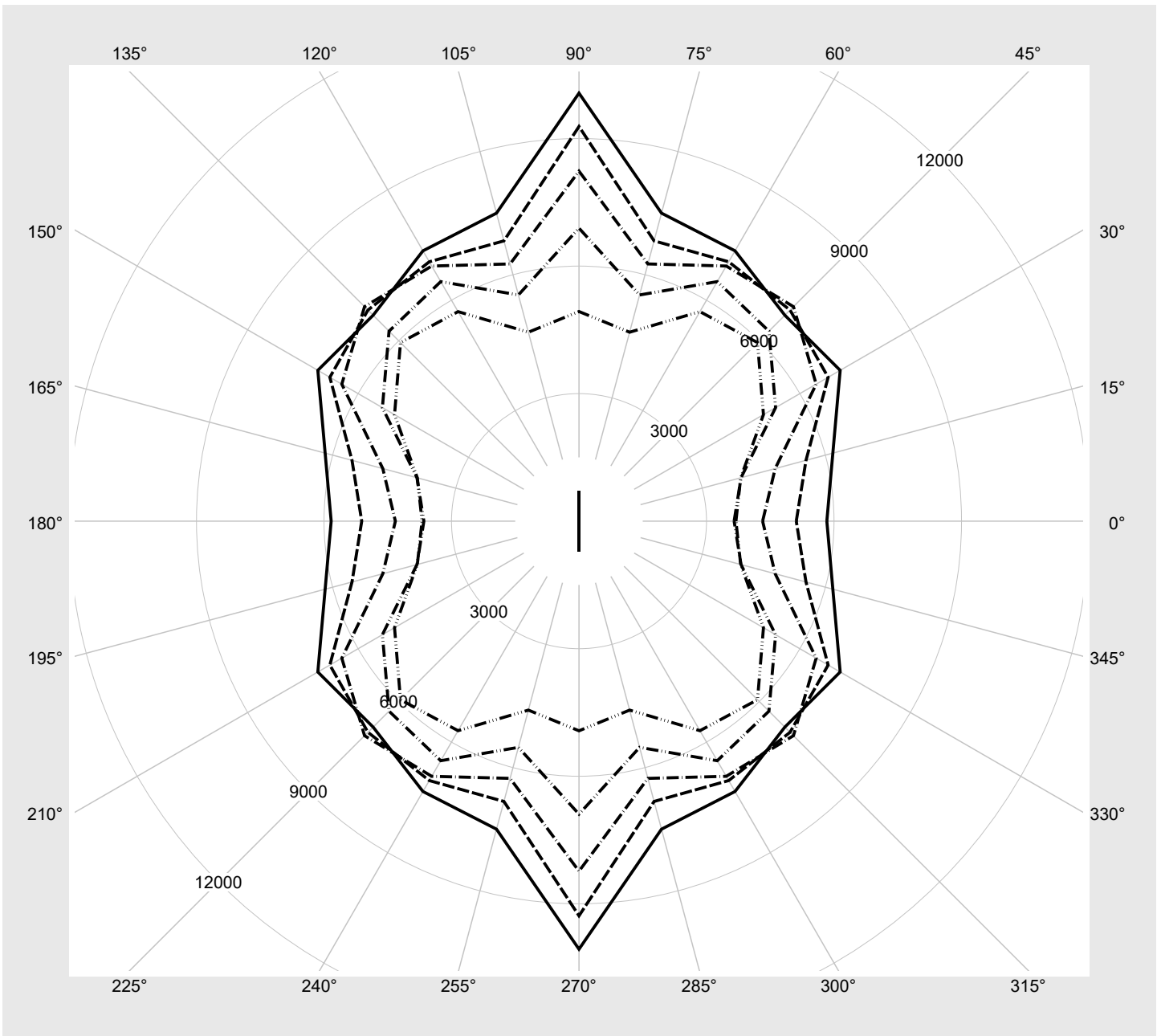
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Leuchtdichten in cd/m²

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	8960	49.9	60.5	55.2
2	A	C	F	8529	47.3	56.9	52.1
3	A	D	E	8025	44.4	53.4	48.9
4	A	D	F	7521	41.4	49.5	45.4
5	B	C	E	6996	38.4	45.6	42.0
6	B	C	F	6471	35.3	42.2	38.8
7	B	D	E	6029	32.8	39.2	36.0
8	B	D	F	5494	29.9	35.3	32.6