

Lichttechnischer Prüfbefund

Familie
Licross® 11 Recessed

Bestell-Nr.: 51TE1EDN695G
EAN: 4069025493330

LP-Nummer
59263_277



Ausführung Abdeckung satiniert, elliptisch eng strahlend
Bestückung LED 6500 K | CRI ≥ 80
Betriebsgerät EVG-DALI
Bemessungswerte Nettolichtstrom = 9660 lm
 Systemleistung = 56.7 W
 Lichtausbeute = 170.4 lm/W

Seriendokumentation
09.07.2025

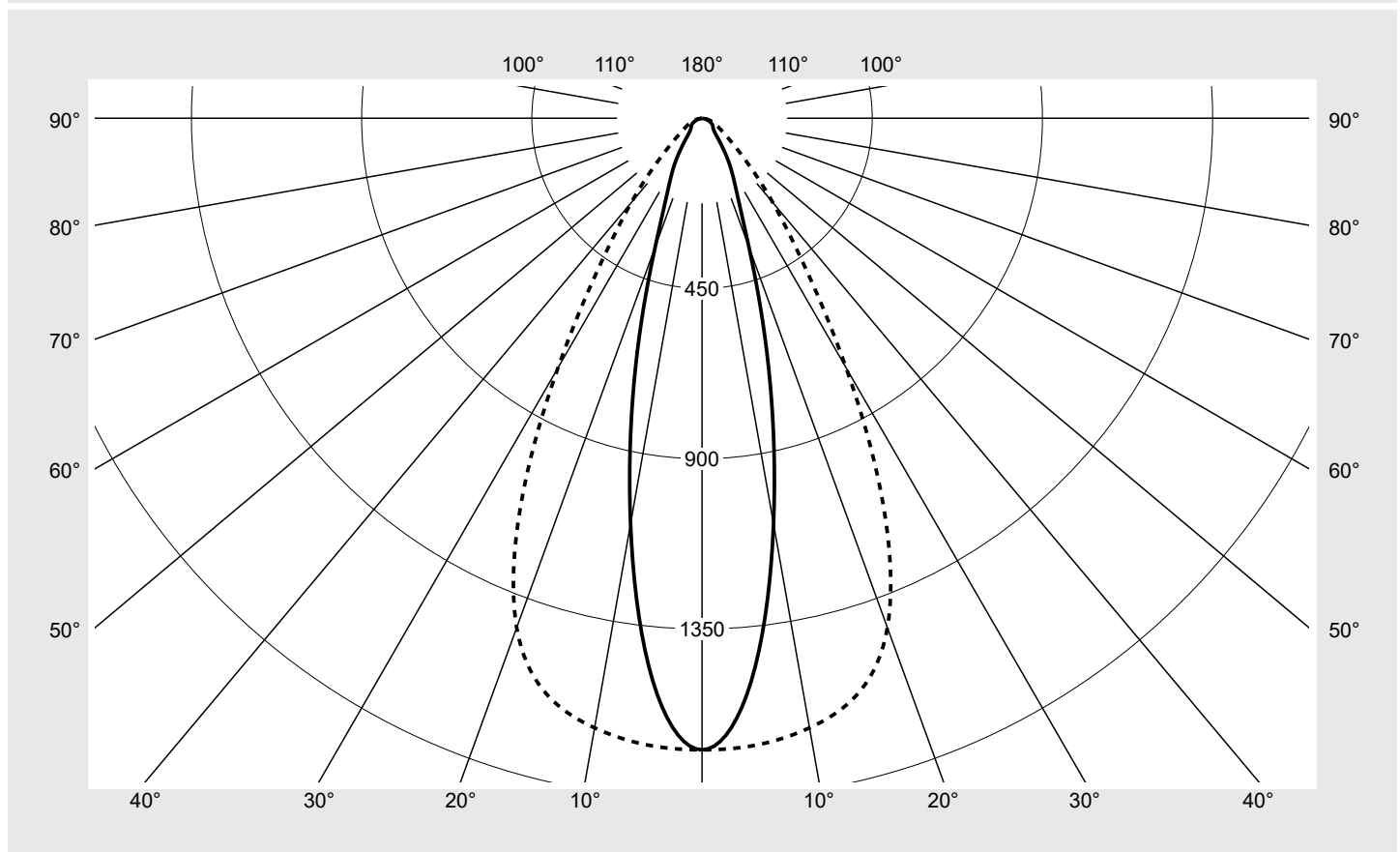
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Lichtstärke in cd/klm

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

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

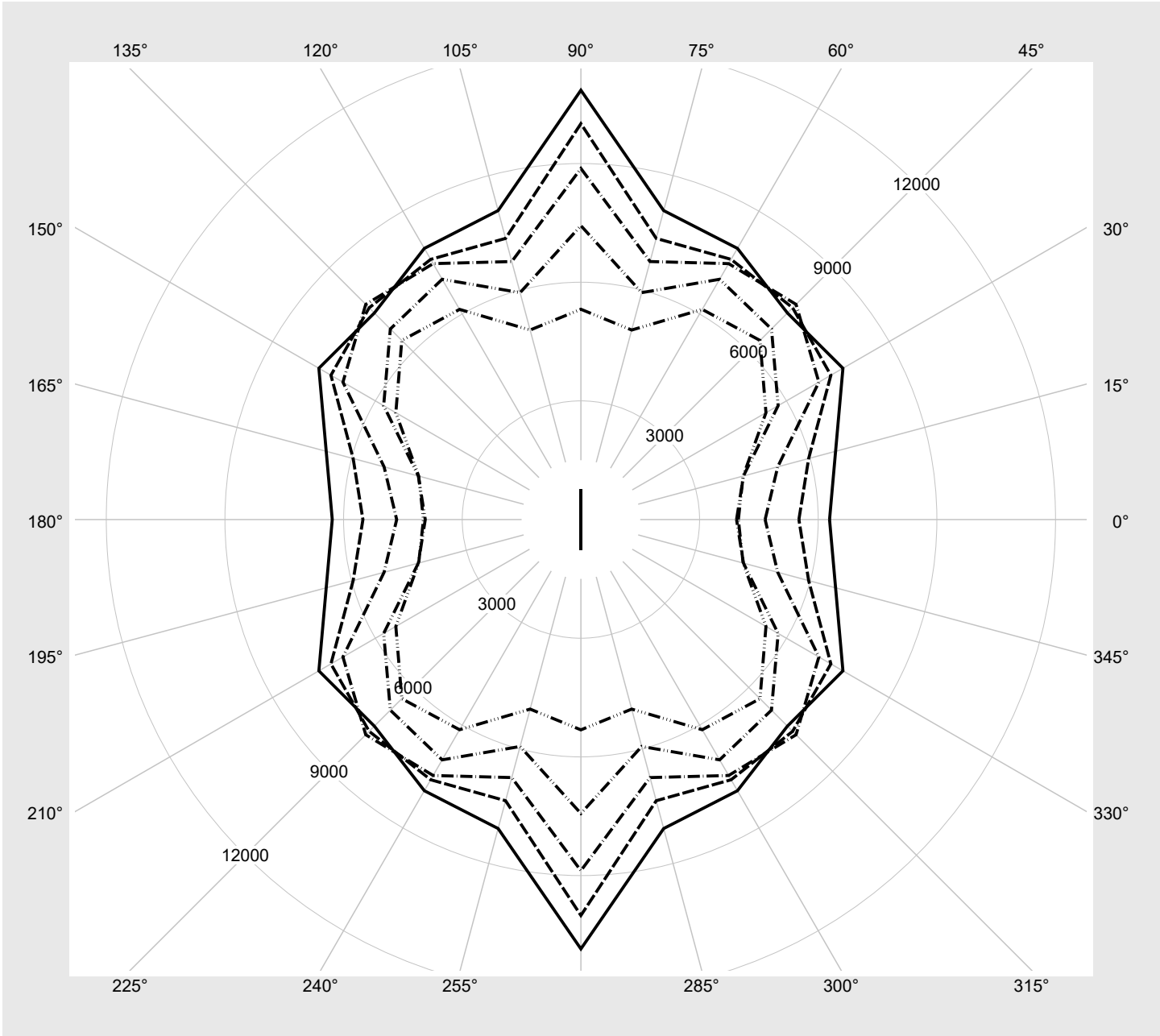
Lichttechnische Abmessungen in mm: L = 1500, B = 58

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°		6828.9	7203.6	9131.4	13547.9	15629.5	22831.6	27784.3
50°		6519.0	6733.4	7392.7	10543.1	11800.0	15430.8	18852.0
55°		6690.6	6771.7	7108.4	8416.0	9779.2	11542.6	14270.7
60°		6696.7	6916.8	7287.2	7600.8	8570.3	9322.7	11878.9
65°		6286.6	6666.5	7649.9	7385.1	7916.1	8086.6	10854.4
70°		5511.5	5961.4	7297.7	7571.3	7595.4	7358.7	10008.1
75°		4657.7	5151.9	6947.3	7693.3	7471.1	6753.0	8875.7
80°		3935.0	4255.4	5758.6	6814.3	7014.5	5939.0	7430.1
85°		3981.2	4246.2	5402.9	6404.3	6135.5	4960.9	5316.3

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Leuchtdichten in cd/m² γ 65° γ 70° γ 75° γ 80° γ 85° **siteco**



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Dimmstufen-Tabelle	Umgebungstemperatur: 25°C	sITeco
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Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	254	254	9660	56.7
95	240	252	9170	53.6
90	227	250	8709	50.6
85	213	248	8209	47.5
80	200	245	7742	44.6
75	186	243	7232	41.5
70	173	240	6757	38.5
65	160	237	6278	35.7
60	147	234	5793	32.8
55	134	231	5300	29.9
50	122	227	4845	27.4
45	109	223	4347	24.6
40	97	219	3882	22.1
35	84	213	3376	19.3
30	72	208	2905	16.9
25	60	201	2427	14.4
20	48	193	1949	11.8
15	36	182	1466	9.3
10	24	168	979	6.8
5	12	142	486	4.4
2	4	102	157	2.8