

Lichttechnischer Prüfbefund

Familie
Licross® 21 Recessed

Bestell-Nr.: 52TE1EDN495G
EAN: 4058352890127

LP-Nummer
59263_87



Ausführung Abdeckung satiniert, elliptisch eng strahlend
Bestückung LED 4000 K | CRI ≥ 80
Betriebsgerät EVG-DALI
Bemessungswerte Nettolichtstrom = 9940 lm
 Systemleistung = 58.0 W
 Lichtausbeute = 171.4 lm/W

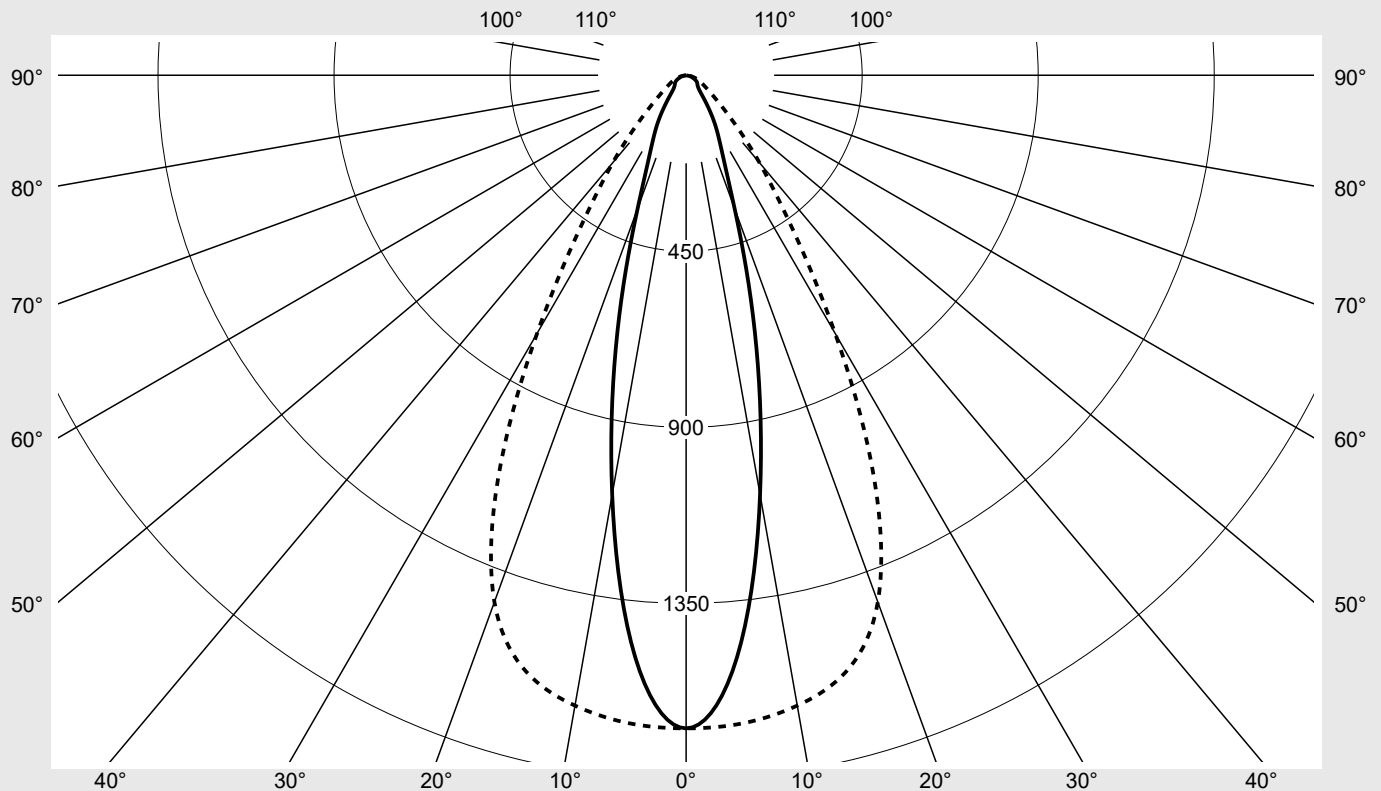
Seriendokumentation
03.08.2023

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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									
		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
Raumabmessungen											
x	y										
2H	2H	15,1	16,4	15,5	16,7	17,0	20,1	21,4	20,5	21,7	22,0
	3H	16,3	17,4	16,7	17,7	18,1	20,7	21,8	21,1	22,1	22,5
	4H	16,7	17,7	17,1	18,1	18,4	21,0	22,0	21,4	22,3	22,7
	6H	16,9	17,8	17,3	18,2	18,6	21,2	22,1	21,6	22,4	22,8
	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	17,5	18,3	18,7	21,4	22,1	21,8	22,5	22,9
4H	2H	16,0	16,9	16,4	17,3	17,6	20,1	21,2	20,5	21,5	21,9
	3H	17,4	18,2	17,8	18,6	19,0	20,8	21,7	21,3	22,1	22,5
	4H	17,9	18,6	18,3	19,0	19,5	21,2	22,0	21,7	22,4	22,8
	6H	18,2	18,8	18,6	19,3	19,7	21,5	22,1	22,0	22,6	23,0
	8H	18,3	18,9	18,8	19,3	19,8	21,6	22,2	22,1	22,6	23,1
	12H	18,4	18,9	18,9	19,3	19,8	21,7	22,2	22,2	22,6	23,1
8H	4H	18,4	18,9	18,8	19,4	19,8	21,3	21,9	21,8	22,3	22,8
	6H	18,8	19,3	19,3	19,7	20,3	21,7	22,2	22,2	22,6	23,2
	8H	19,0	19,4	19,5	19,9	20,4	21,8	22,3	22,4	22,7	23,3
	12H	19,1	19,4	19,6	19,9	20,5	21,9	22,3	22,5	22,8	23,3
12H	4H	18,4	18,9	18,9	19,3	19,8	21,3	21,8	21,8	22,3	22,8
	6H	18,9	19,3	19,4	19,8	20,3	21,7	22,1	22,2	22,6	23,1
	8H	19,1	19,5	19,6	20,0	20,5	21,9	22,2	22,4	22,7	23,3

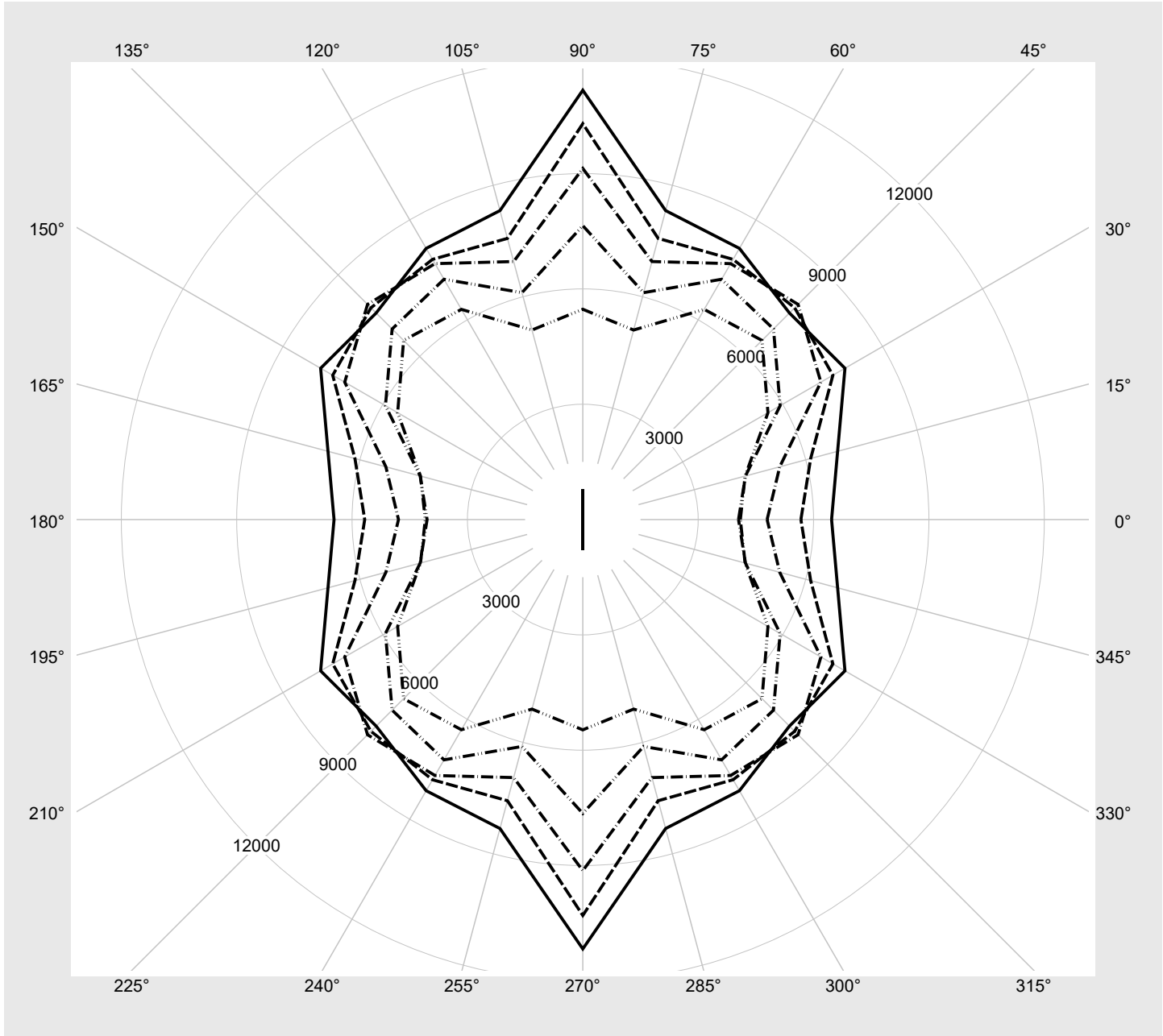
Leuchtdichten-Tabelle Max. für $\gamma \geq 65^\circ$	Lichttechnische Abmessungen in mm: L = 1500 B = 58
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C-Ebenen	γ	Leuchtdichte in cd/m ²						
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°
45°		7026.9	7412.4	9396.1	13940.6	16082.5	23493.4	28589.6
50°		6708.0	6928.5	7607.0	10848.7	12142.0	15878.0	19398.5
55°		6884.5	6968.0	7314.4	8660.0	10062.7	11877.1	14684.4
60°		6890.8	7117.3	7498.4	7821.1	8818.7	9592.9	12223.2
65°		6468.8	6859.7	7871.6	7599.1	8145.5	8321.0	11169.0
70°		5671.2	6134.2	7509.2	7790.8	7815.5	7572.0	10298.2
75°		4792.7	5301.2	7148.7	7916.3	7687.7	6948.7	9132.9
80°		4049.1	4378.7	5925.6	7011.8	7217.8	6111.1	7645.4
85°		4096.6	4369.2	5559.5	6589.9	6313.3	5104.7	5470.4

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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	9940	58.0
95	240	252	9440	54.8
90	226	250	8933	51.5
85	213	248	8456	48.7
80	199	245	7939	45.5
75	186	243	7451	42.6
70	173	240	6960	39.6
65	160	237	6466	36.8
60	147	234	5966	33.9
55	134	231	5460	31.0
50	122	227	4988	28.4
45	109	223	4474	25.5
40	97	219	3995	22.9
35	84	213	3472	20.1
30	72	208	2984	17.5
25	60	201	2492	15.0
20	48	193	1997	12.3
15	36	182	1499	9.7
10	24	168	997	7.2
5	12	142	492	4.6
2	4	102	153	3.0