

Lichttechnischer Prüfbefund

Familie

Licross® 21 Recessed

Bestell-Nr.: 52TE1EDV4L2S

EAN: 4058352890202

LP-Nummer

59263_77



Ausführung

Abdeckung satiniert, elliptisch eng strahlend

Bestückung

LED 4000 K | CRI ≥ 80

Betriebsgerät

EVG-DALI

Bemessungswerte

Nettolichtstrom = 22130 lm

Systemleistung = 125.6 W

Lichtausbeute = 176.2 lm/W

Serien dokumentation

02.08.2023

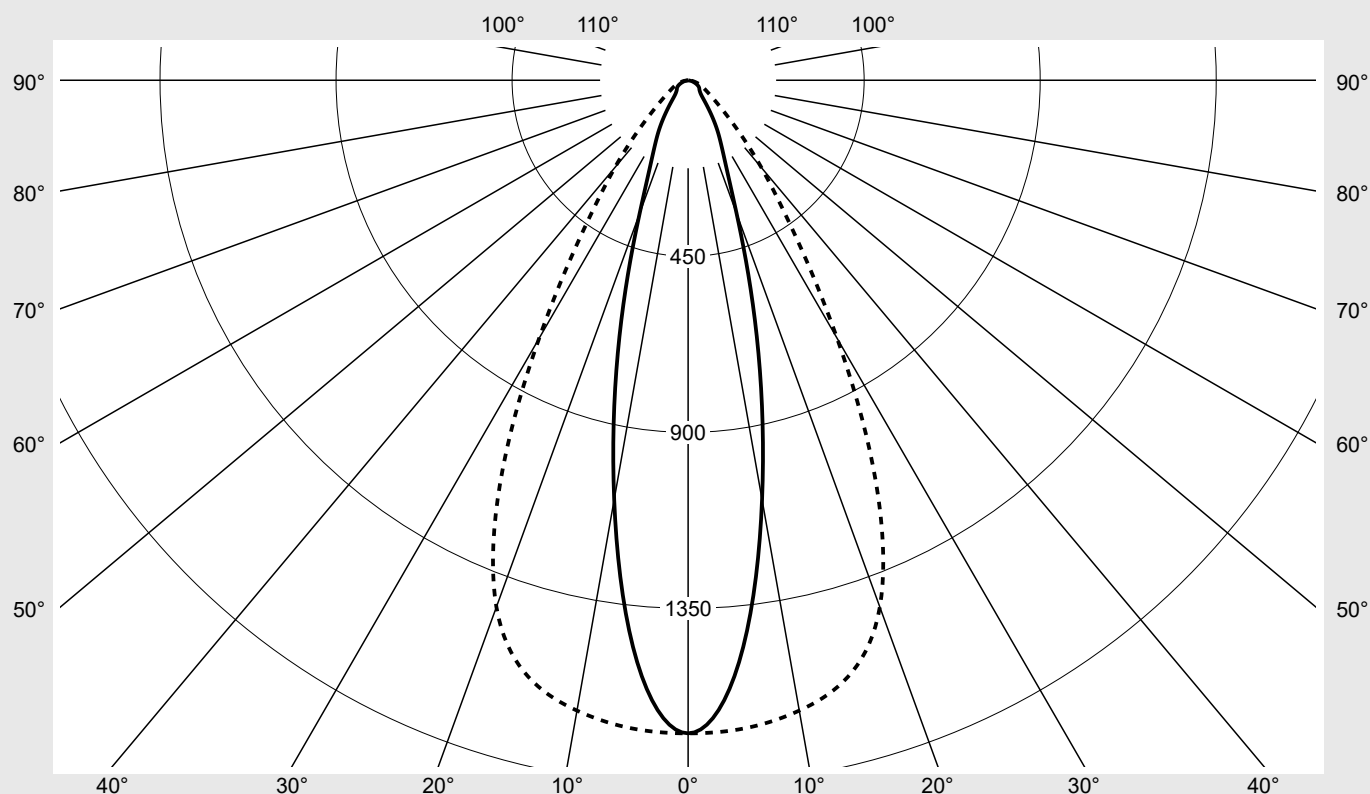
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Lichtstärke in cd/klm

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

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

Lichttechnische Abmessungen in mm: L = 2250 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°		10429.5	11001.8	13946.0	20691.2	23870.3	34869.9	42433.8
50°		9956.2	10283.6	11290.6	16102.1	18021.6	23566.8	28792.0
55°		10218.3	10342.2	10856.3	12853.4	14935.4	17628.5	21795.1
60°		10227.6	10563.7	11129.4	11608.3	13089.1	14238.2	18142.2
65°		9601.3	10181.5	11683.4	11278.9	12089.9	12350.3	16577.5
70°		8417.4	9104.6	11145.4	11563.4	11600.1	11238.6	15285.0
75°		7113.5	7868.3	10610.3	11749.7	11410.3	10313.5	13555.5
80°		6009.8	6499.0	8794.9	10407.2	10712.9	9070.3	11347.7
85°		6080.3	6485.0	8251.7	9781.0	9370.5	7576.5	8119.4

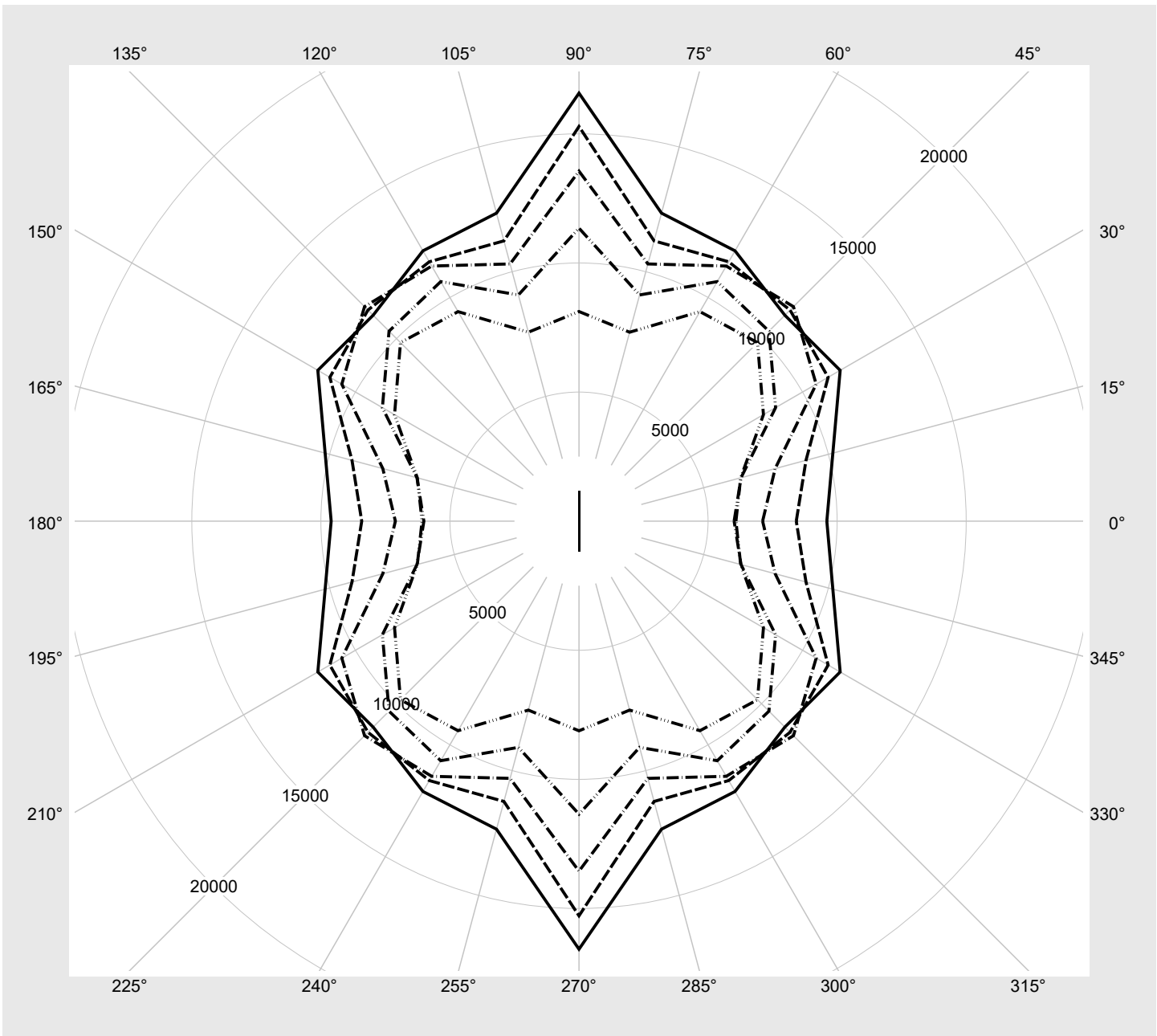
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Leuchtdichten in cd/m²

γ 65°	γ 70°	γ 75°	γ 80°	γ 85°
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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	22130	125.6
95	240	252	21019	118.9
90	226	250	19899	112.2
85	213	248	18841	106.0
80	199	245	17692	99.1
75	186	243	16610	92.8
70	173	240	15516	86.4
65	160	237	14410	80.1
60	147	234	13294	73.8
55	134	231	12169	67.4
50	121	227	11026	61.2
45	109	223	9967	55.4
40	96	218	8809	49.1
35	84	213	7726	43.3
30	72	208	6639	37.6
25	60	201	5546	31.8
20	48	193	4439	26.0
15	36	182	3329	20.2
10	24	168	2213	14.0
5	12	142	1084	7.6
1	4	102	332	2.8