

Lichttechnischer Prüfbefund

Familie
Licross® 11 Recessed

Bestell-Nr.: 51TL1EDE465S
EAN: 4058352929926

LP-Nummer
59263_191



Ausführung Abdeckung satiniert, elliptisch eng strahlend
Bestückung LED 4000 K | CRI ≥ 80
Betriebsgerät EVG-DALI
Bemessungswerte Nettolichtstrom = 6840 lm
 Systemleistung = 40.2 W
 Lichtausbeute = 170.1 lm/W

Seriendokumentation
21.09.2023

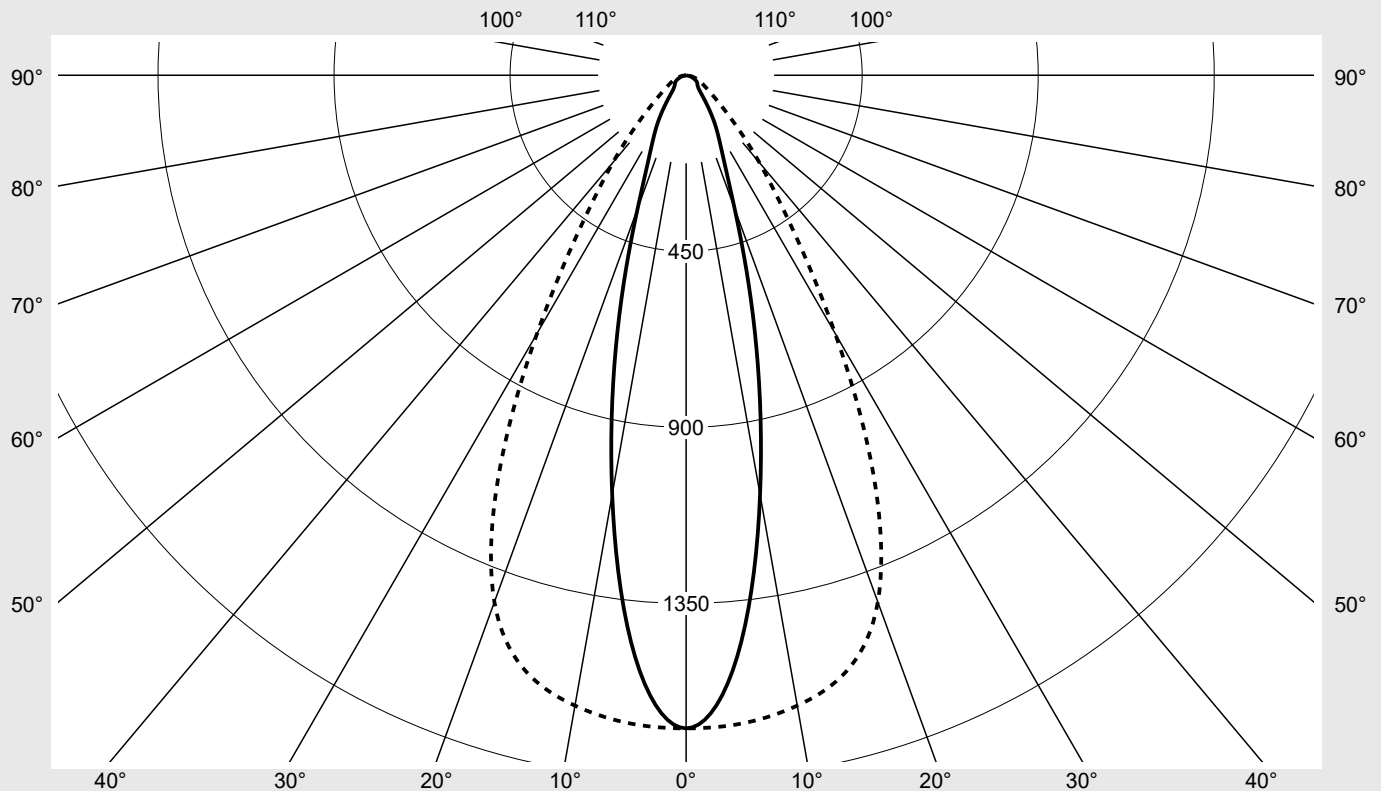
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Lichtstärke in cd/klm

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

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

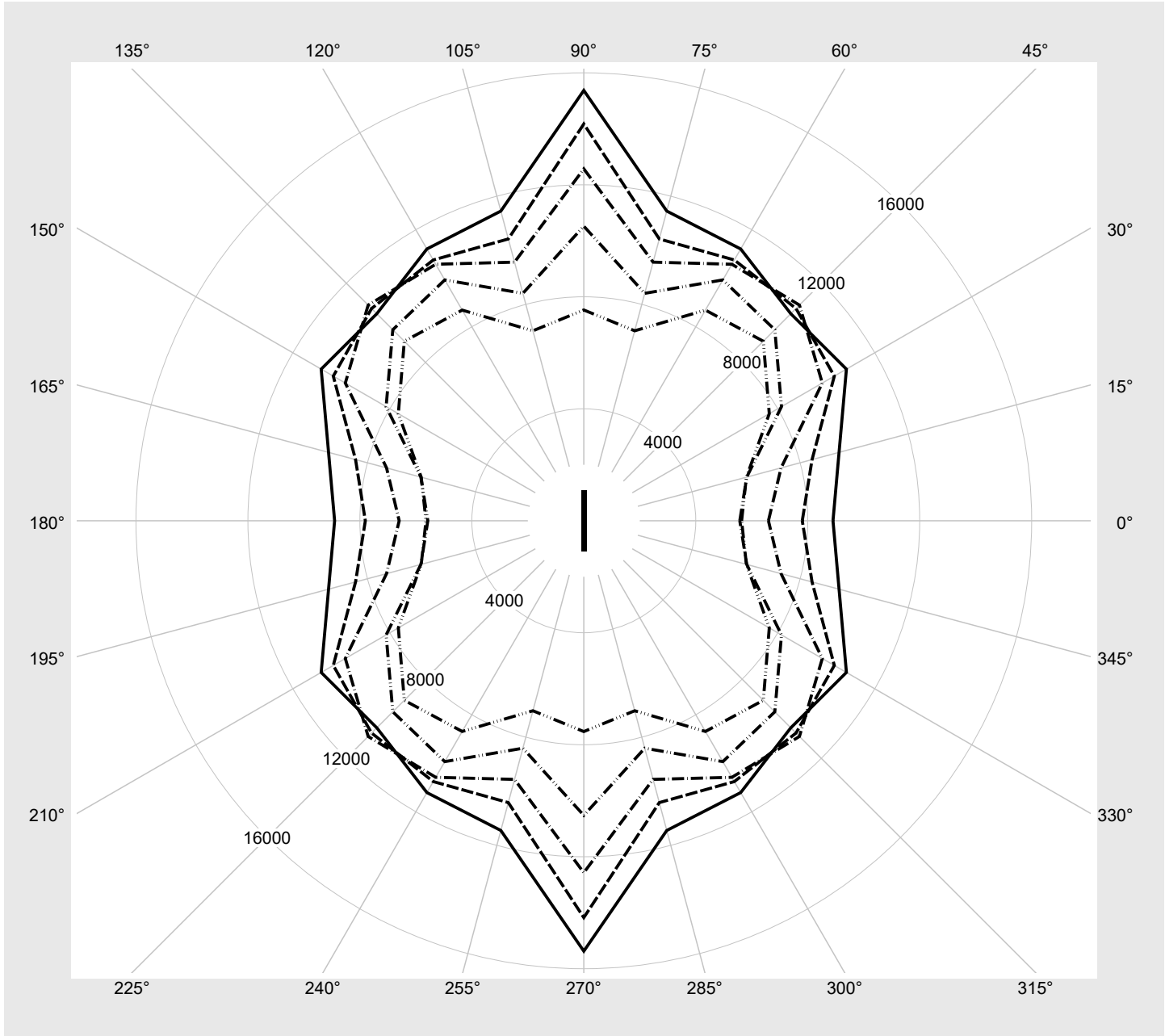
Lichttechnische Abmessungen in mm: L = 750 B = 58

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°	45°	9670.8	10201.4	12931.4	19185.9	22133.7	32333.0	39346.7
50°	50°	9231.9	9535.4	10469.2	14930.6	16710.5	21852.3	26697.3
55°	55°	9474.9	9589.8	10066.5	11918.3	13848.8	16346.0	20209.5
60°	60°	9483.5	9795.2	10319.8	10763.8	12136.8	13202.3	16822.3
65°	65°	8902.8	9440.8	10833.4	10458.4	11210.3	11451.8	15371.5
70°	70°	7805.1	8442.3	10334.6	10722.1	10756.1	10421.0	14173.0
75°	75°	6596.0	7295.9	9838.4	10894.9	10580.2	9563.2	12569.3
80°	80°	5572.6	6026.2	8155.1	9650.1	9933.5	8410.4	10522.1
85°	85°	5637.9	6013.2	7651.4	9069.4	8688.8	7025.3	7528.7

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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		sITeco
Umgebungstemperatur: 25°C		

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	254	254	6840	40.2
95	240	252	6491	38.0
90	227	250	6163	36.1
85	213	248	5806	33.9
80	200	245	5472	31.9
75	187	243	5136	29.9
70	174	240	4798	27.8
65	161	237	4459	25.8
60	148	234	4113	23.7
55	135	231	3768	21.6
50	122	227	3418	19.4
45	109	223	3065	17.4
40	97	219	2737	15.4
35	85	214	2405	14.0
30	72	208	2045	12.5
25	60	201	1709	10.8
20	48	193	1369	9.1
15	36	182	1029	6.5
10	24	168	686	3.6
8	20	161	570	2.8