

Lichttechnischer Prüfbefund

Familie
Licross® 21 Recessed

Bestell-Nr.: 52TL1EDE47XS
EAN: 4058352891735

LP-Nummer
59263_72



Ausführung Abdeckung satiniert, elliptisch eng strahlend
Bestückung LED 4000 K | CRI ≥ 80
Betriebsgerät EVG-DALI
Bemessungswerte Nettolichtstrom = 7310 lm
Systemleistung = 44.1 W
Lichtausbeute = 165.8 lm/W

Seriendokumentation
02.08.2023

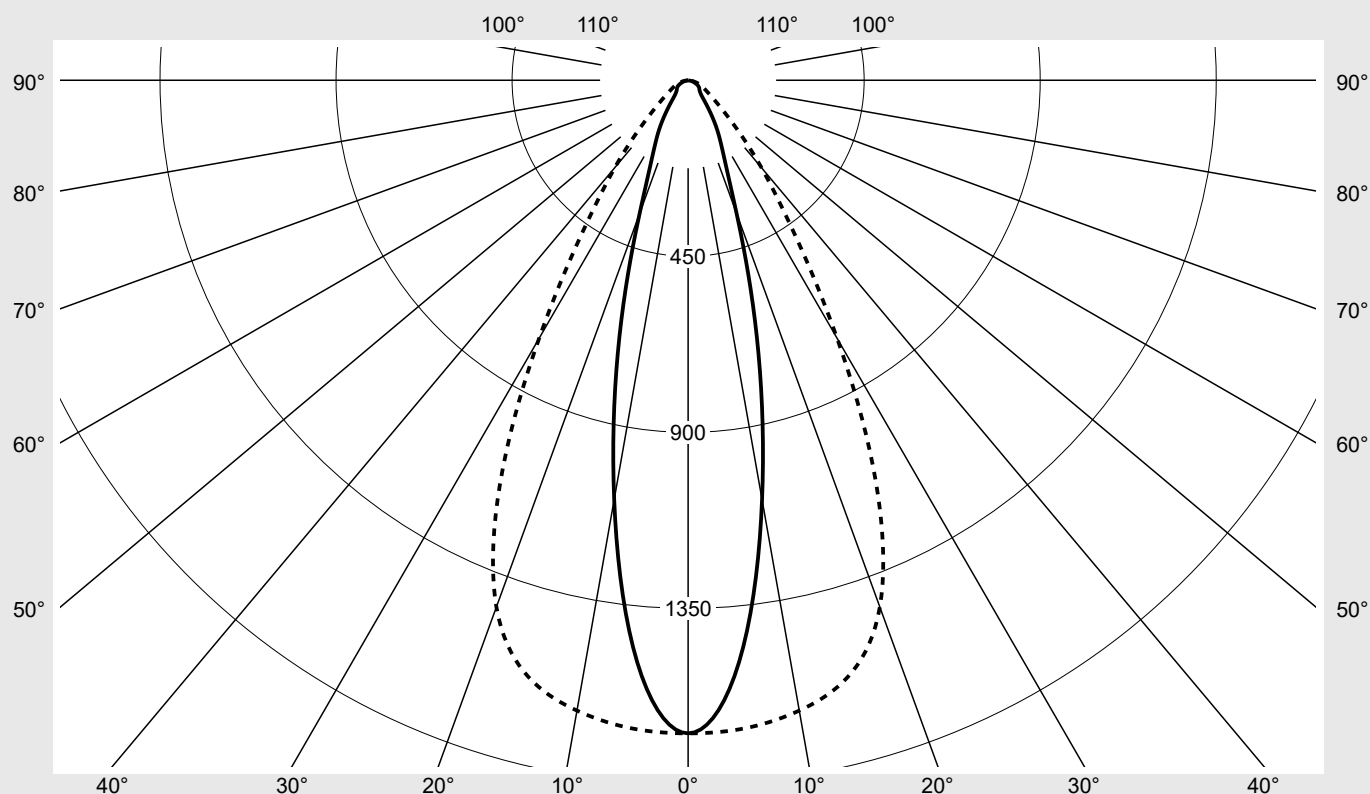
siteco

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

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

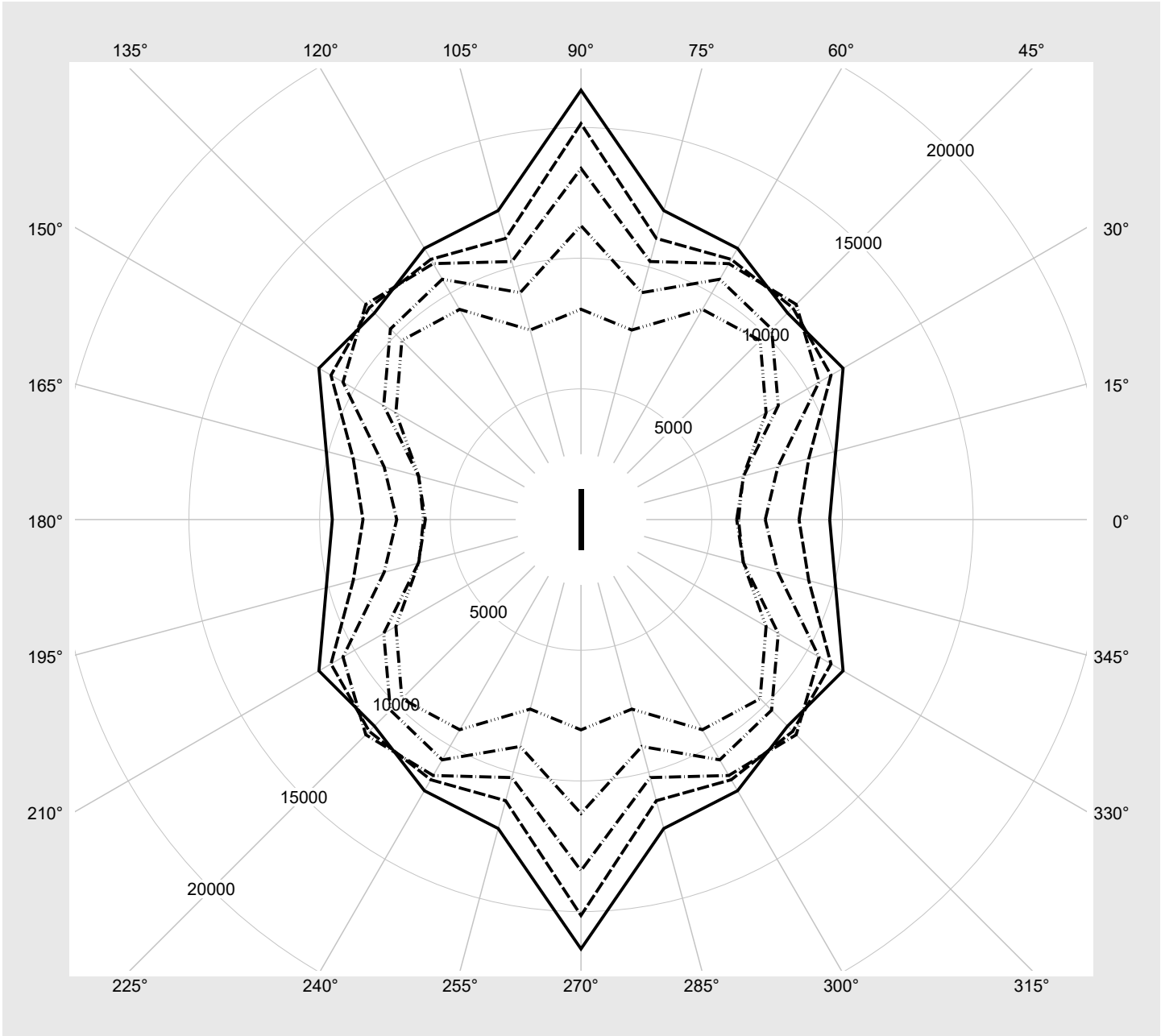
Lichttechnische Abmessungen in mm: L = 750, B = 58

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°		10335.3	10902.3	13820.0	20504.2	23654.5	34554.7	42050.3
50°		9866.2	10190.7	11188.6	15956.6	17858.8	23353.8	28531.8
55°		10125.9	10248.7	10758.2	12737.3	14800.4	17469.2	21598.1
60°		10135.2	10468.3	11028.9	11503.4	12970.8	14109.5	17978.2
65°		9514.5	10089.5	11577.8	11177.0	11980.6	12238.7	16427.7
70°		8341.4	9022.4	11044.7	11458.9	11495.2	11137.1	15146.8
75°		7049.2	7797.2	10514.4	11643.5	11307.2	10220.3	13432.9
80°		5955.5	6440.3	8715.5	10313.2	10616.1	8988.4	11245.1
85°		6025.3	6426.4	8177.1	9692.6	9285.8	7508.1	8046.0

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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	7310	44.1
95	240	252	6943	41.8
90	226	250	6571	39.4
85	213	248	6222	37.3
80	199	245	5843	34.9
75	186	243	5484	32.7
70	173	240	5123	30.5
65	160	237	4756	28.2
60	147	234	4389	26.0
55	134	231	4017	23.7
50	122	227	3669	21.5
45	109	223	3290	19.3
40	97	219	2937	17.6
35	84	213	2550	15.9
30	72	208	2191	14.2
25	60	201	1830	12.4
20	48	193	1465	10.3
15	36	182	1099	7.6
10	24	168	730	4.4
5	12	142	358	1.5
1	4	102	109	0.3