

Lichttechnischer Prüfbefund

Familie
Licross® 11 Recessed

Bestell-Nr.: 51TL1EDN4D5S
EAN: 4058352927021

LP-Nummer
59263_181



Ausführung Abdeckung satiniert, elliptisch eng strahlend
Bestückung LED 4000 K | CRI ≥ 80
Betriebsgerät EVG-DALI
Bemessungswerte Nettolichtstrom = 13670 lm
 Systemleistung = 76.8 W
 Lichtausbeute = 178 lm/W

Seriendokumentation
14.09.2023

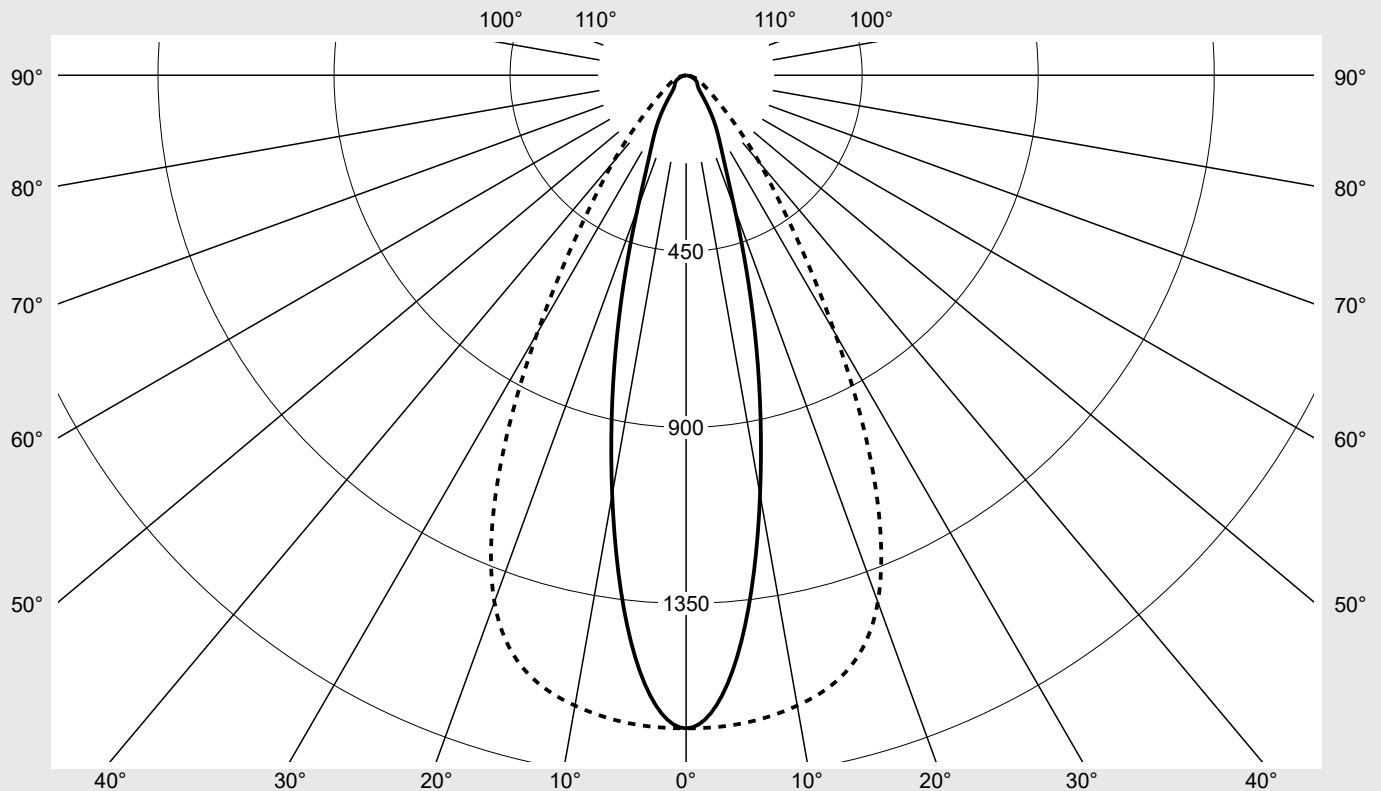
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Lichtstärke in cd/klm

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									
		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
Raumabmessungen											
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	18,6	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	20,1	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	24,1
	8H	19,4	20,0	19,9	20,4	20,9	22,7	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	20,8	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	23,8	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 $\gamma \geq 65^\circ$

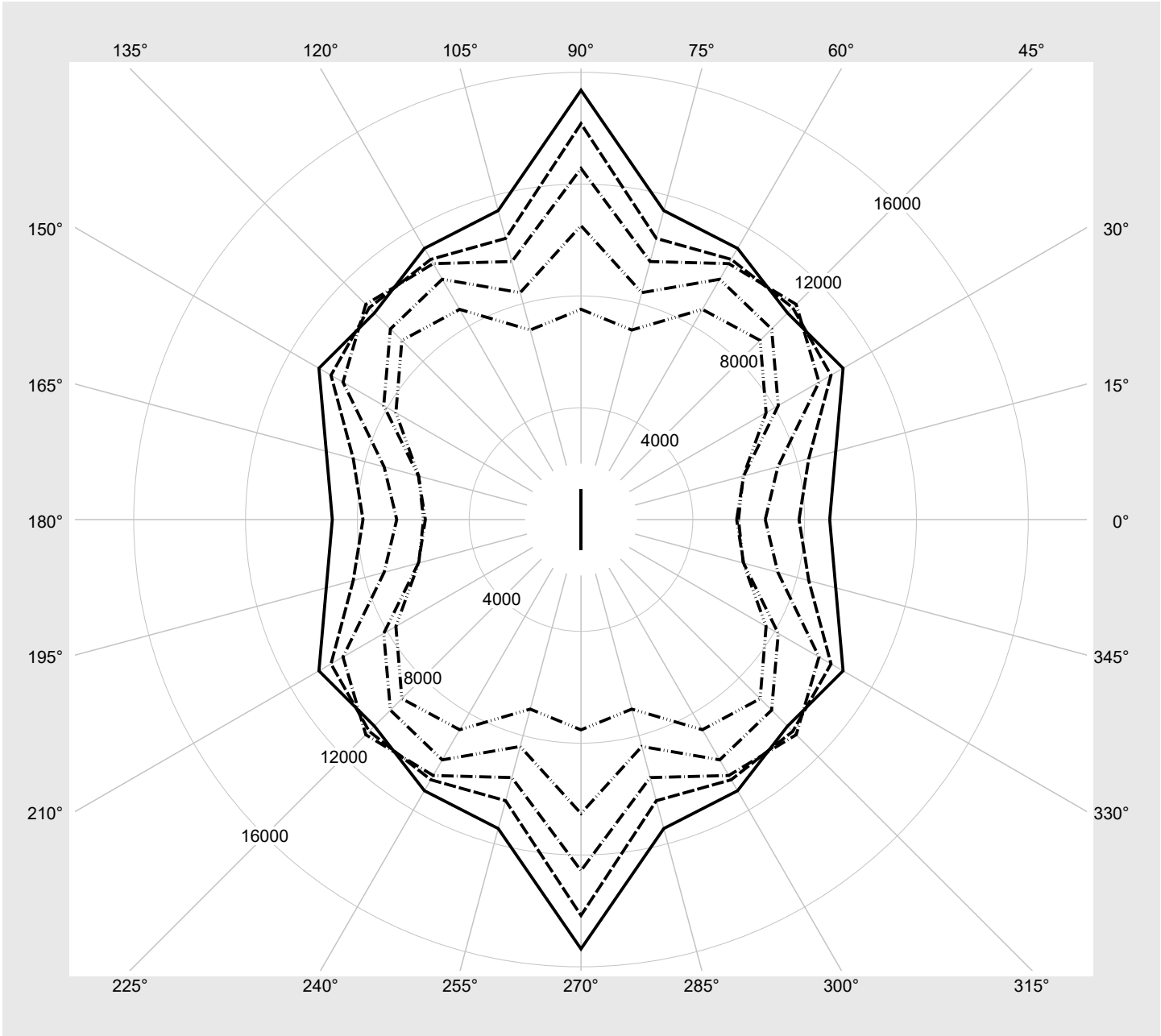
Lichttechnische Abmessungen in mm: L = 1500 B = 58

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°		9663.7	10193.9	12922.0	19171.9	22117.5	32309.4	39317.9
50°		9225.1	9528.5	10461.5	14919.7	16698.3	21836.3	26677.8
55°		9468.0	9582.8	10059.1	11909.6	13838.7	16334.0	20194.7
60°		9476.6	9788.0	10312.2	10755.9	12128.0	13192.6	16810.0
65°		8896.3	9433.9	10825.5	10450.7	11202.1	11443.4	15360.2
70°		7799.4	8436.1	10327.0	10714.3	10748.3	10413.4	14162.6
75°		6591.2	7290.5	9831.2	10886.9	10572.5	9556.2	12560.1
80°		5568.5	6021.8	8149.1	9643.0	9926.3	8404.3	10514.4
85°		5633.8	6008.8	7645.8	9062.8	8682.4	7020.2	7523.2

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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	13670	76.8
95	240	252	12970	72.6
90	227	250	12315	68.6
85	213	248	11602	64.3
80	200	245	10936	60.3
75	187	243	10265	56.5
70	174	240	9590	52.6
65	161	237	8910	48.7
60	148	234	8220	44.8
55	135	231	7530	41.0
50	122	227	6830	37.3
45	109	223	6127	33.5
40	97	219	5470	30.0
35	85	214	4808	26.6
30	72	208	4086	22.9
25	60	201	3415	19.5
20	48	193	2737	16.1
15	36	182	2056	12.6
10	24	168	1371	9.2
5	12	142	678	5.9
2	4	102	214	3.6