

Lichttechnischer Prüfbefund

Familie
Licross® 11 Recessed

Bestell-Nr.: 51TE1EDV4LXS
EAN: 4058352965313

LP-Nummer
59263_188



Ausführung Abdeckung satiniert, elliptisch eng strahlend
Bestückung LED 4000 K | CRI ≥ 80
Betriebsgerät EVG-DALI
Bemessungswerte Nettolichtstrom = 20440 lm
 Systemleistung = 111.8 W
 Lichtausbeute = 182.8 lm/W

Seriendokumentation
14.09.2023

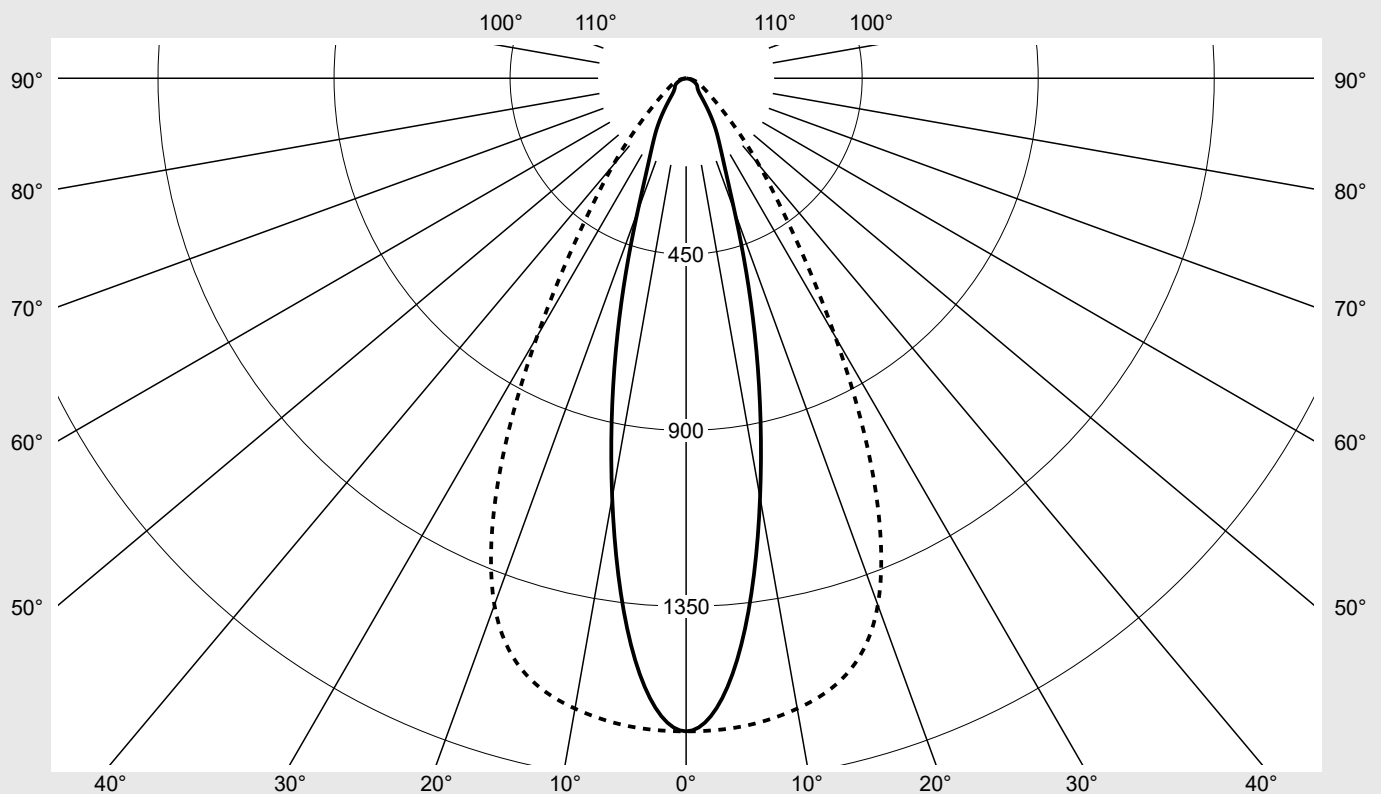
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Lichtstärke in cd/klm

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

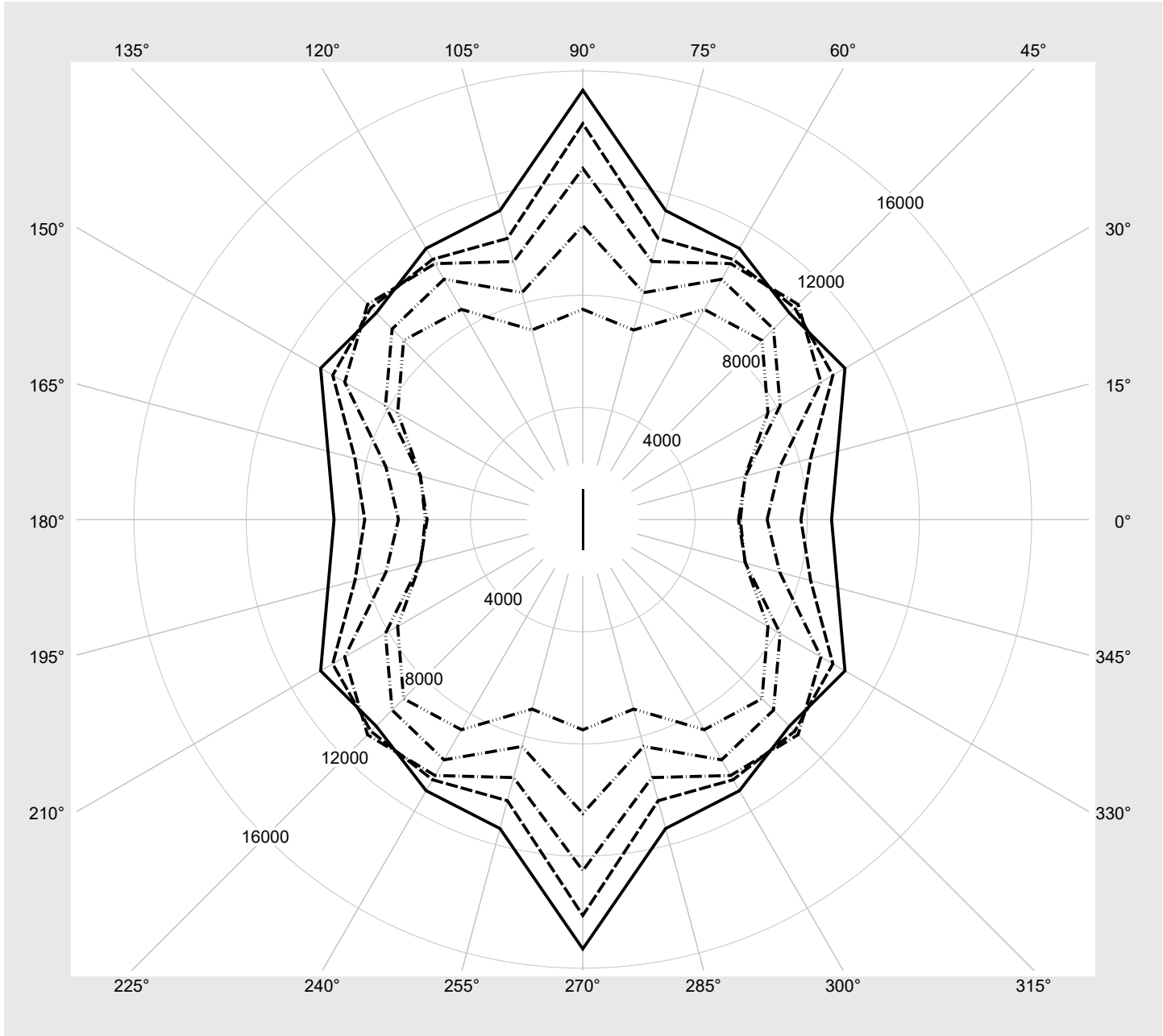
Leuchtdichten-Tabelle Max. für $\gamma \geq 65^\circ$	Lichttechnische Abmessungen in mm: L = 2250 B = 58
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C- Ebenen	γ	Leuchtdichte in cd/m^2						
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°
45°		9633.1	10161.6	12881.0	19111.1	22047.4	32207.0	39193.3
50°		9195.9	9498.3	10428.4	14872.4	16645.4	21767.1	26593.2
55°		9438.0	9552.4	10027.2	11871.9	13794.8	16282.3	20130.7
60°		9446.6	9757.0	10279.5	10721.8	12089.5	13150.8	16756.7
65°		8868.1	9404.0	10791.2	10417.6	11166.6	11407.1	15311.6
70°		7774.6	8409.3	10294.3	10680.3	10714.2	10380.4	14117.7
75°		6570.3	7267.4	9800.0	10852.4	10539.0	9525.9	12520.3
80°		5550.8	6002.7	8123.3	9612.5	9894.8	8377.7	10481.1
85°		5616.0	5989.8	7621.5	9034.1	8654.9	6997.9	7499.3

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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	20440	111.8
95	240	252	19394	105.4
90	227	250	18414	99.6
85	213	248	17347	93.5
80	200	245	16351	87.8
75	187	243	15347	82.1
70	174	240	14337	76.4
65	161	237	13321	70.9
60	148	234	12291	65.2
55	135	231	11258	59.7
50	122	227	10211	54.1
45	109	223	9159	48.5
40	97	219	8177	43.3
35	85	214	7187	38.2
30	72	208	6109	32.7
25	60	201	5105	27.5
20	48	193	4091	22.3
15	36	182	3074	17.0
10	24	168	2049	11.6
5	12	142	1013	6.1
2	5	110	407	2.6