

Lichttechnischer Prüfbefund

Familie

Licross® 11 Recessed

Bestell-Nr.: 51UL1EDV4M5R00S

EAN: 4058352608333

LP-Nummer

59263_16



Ausführung

Abdeckung satiniert, elliptisch eng strahlend

Bestückung

LED 4000 K | CRI ≥ 80

Betriebsgerät

EVG-DALI

Bemessungswerte

Nettolichtstrom = 25560 lm

Systemleistung = 150.1 W

Lichtausbeute = 170.3 lm/W

Seriendokumentation

22.02.2022

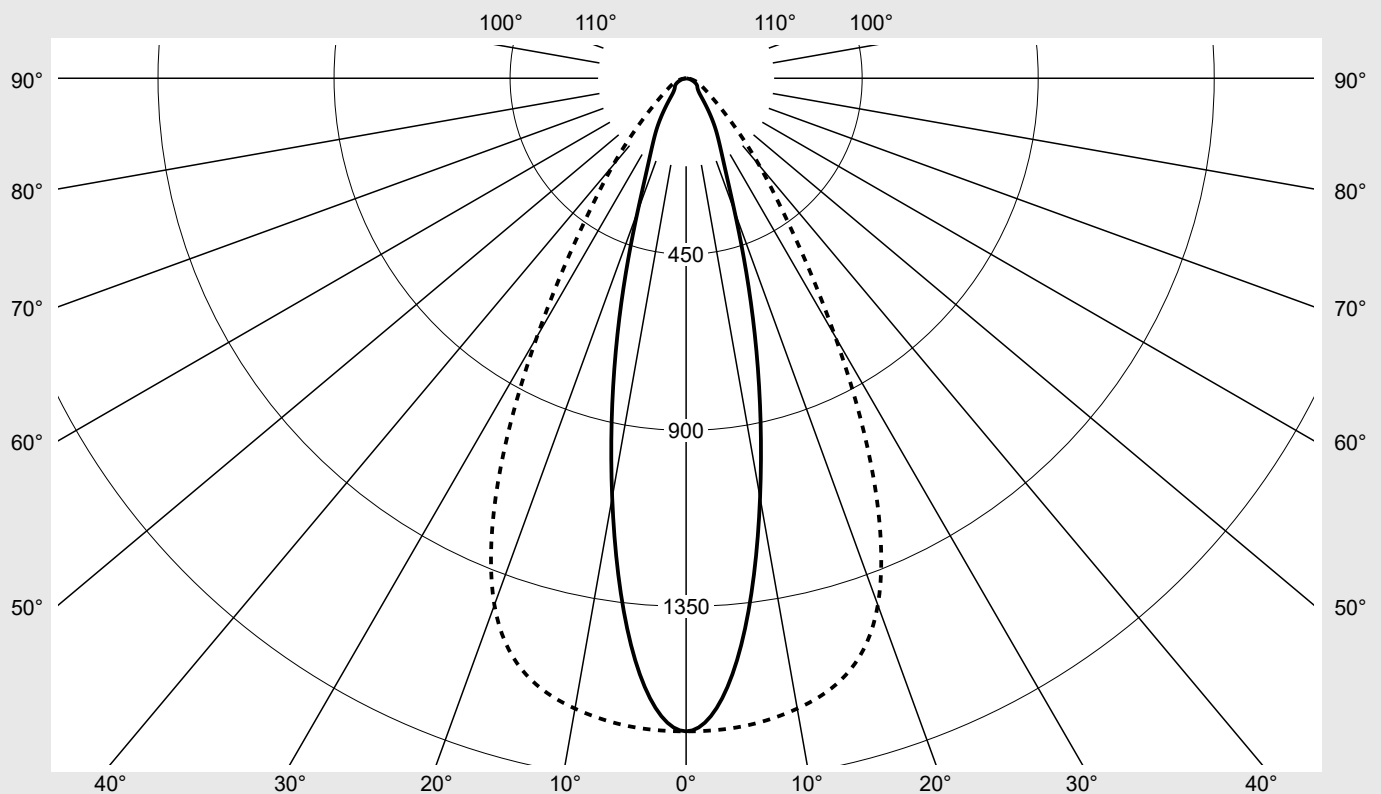
SITECO

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
		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	
γ									
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					siteco				
Reflexionsgrad Decke	0,7	0,7	0,5	0,5	0,3	0,7	0,7	0,5	0,5	0,3	
Reflexionsgrad Wände	0,5	0,3	0,5	0,3	0,3	0,5	0,3	0,5	0,3	0,3	
Reflexionsgrad Boden	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	
Raumabmessungen		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
x	y										
2H	2H	17,0	18,2	17,4	18,5	18,9	22,0	23,2	22,4	23,5	23,9
	3H	18,2	19,3	18,6	19,6	20,0	22,6	23,6	23,0	24,0	24,3
	4H	18,5	19,6	18,9	19,9	20,3	22,9	23,8	23,3	24,2	24,6
	6H	18,8	19,7	19,2	20,1	20,5	23,1	23,9	23,5	24,3	24,7
	8H	19,0	19,8	19,4	20,1	20,6	23,2	24,0	23,7	24,4	24,8
	12H	19,0	19,8	19,4	20,2	20,6	23,3	23,9	23,7	24,3	24,8
4H	2H	17,8	18,8	18,2	19,1	19,5	22,0	23,0	22,4	23,4	23,8
	3H	19,3	20,1	19,7	20,5	20,9	22,7	23,6	23,1	23,9	24,4
	4H	19,8	20,5	20,2	20,9	21,4	23,1	23,8	23,5	24,2	24,7
	6H	20,0	20,7	20,5	21,1	21,6	23,4	24,0	23,8	24,4	24,9
	8H	20,2	20,7	20,6	21,2	21,7	23,5	24,0	24,0	24,5	25,0
	12H	20,3	20,8	20,7	21,2	21,7	23,6	24,0	24,1	24,5	25,0
8H	4H	20,2	20,8	20,7	21,2	21,7	23,2	23,8	23,7	24,2	24,7
	6H	20,7	21,1	21,2	21,6	22,1	23,6	24,0	24,1	24,5	25,0
	8H	20,8	21,2	21,3	21,7	22,3	23,7	24,1	24,2	24,6	25,1
	12H	20,9	21,3	21,5	21,8	22,4	23,8	24,1	24,3	24,6	25,2
12H	4H	20,3	20,7	20,8	21,2	21,7	23,2	23,7	23,7	24,1	24,6
	6H	20,8	21,2	21,3	21,7	22,2	23,6	24,0	24,1	24,5	25,0
	8H	21,0	21,3	21,5	21,8	22,4	23,7	24,1	24,3	24,6	25,1

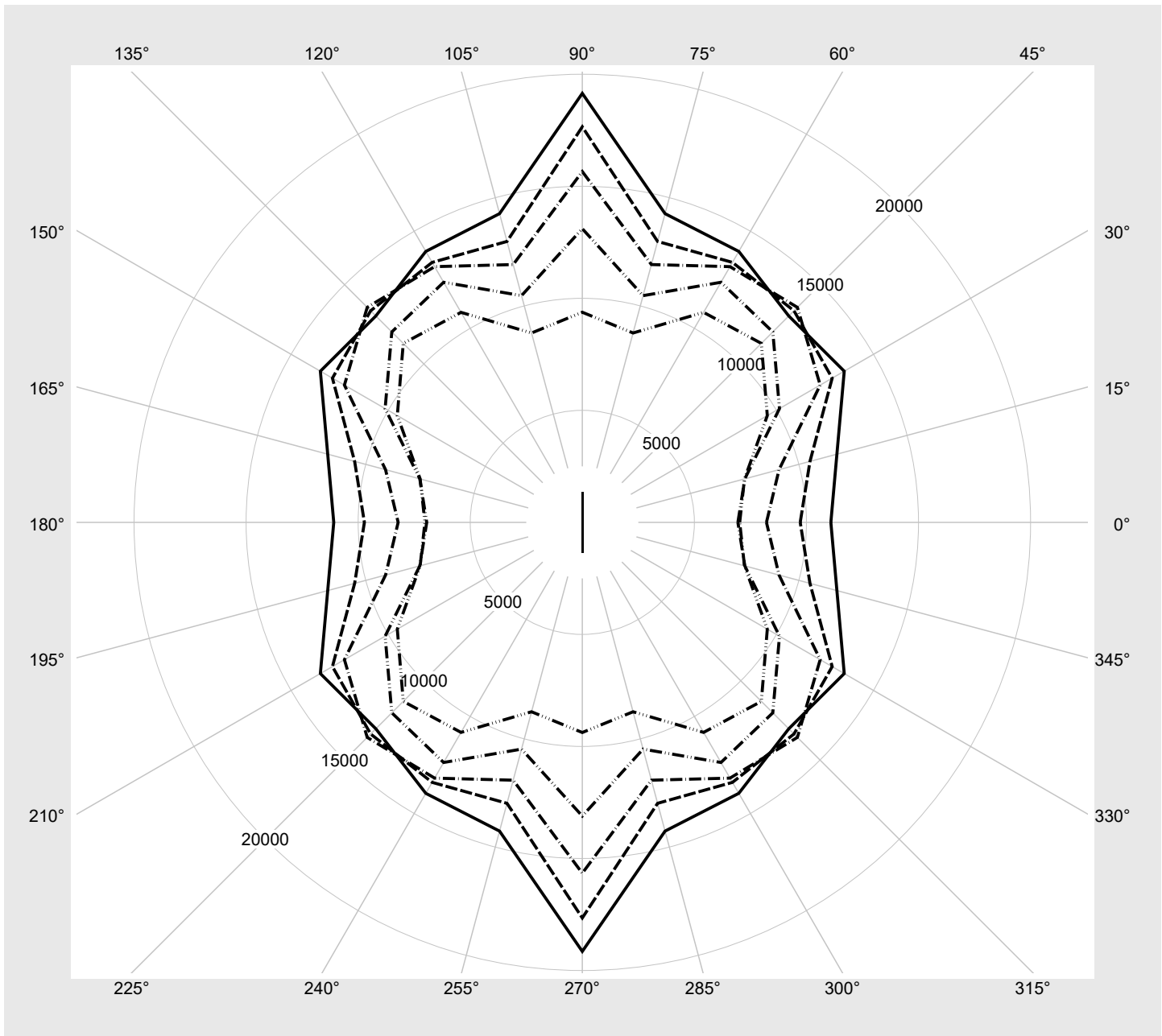
Leuchtdichten-Tabelle Max. für $\gamma \geq 65^\circ$	Lichttechnische Abmessungen in mm: L = 2250 B = 58
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C- Ebenen	γ	Leuchtdichte in cd/m ²						
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°
45°	12046.1	12707.0	16107.6	23898.2	27570.0	40274.5	49010.8	
50°	11499.3	11877.5	13040.6	18597.8	20814.9	27219.5	33254.5	
55°	11802.1	11945.1	12539.0	14845.6	17250.3	20360.8	25173.2	
60°	11812.8	12201.0	12854.4	13407.5	15117.8	16445.0	20954.1	
65°	11089.4	11759.6	13494.2	13027.1	13963.7	14264.5	19146.9	
70°	9722.1	10515.8	12872.9	13355.6	13398.0	12980.5	17654.0	
75°	8216.1	9087.8	12254.9	13570.9	13178.9	11912.0	15656.5	
80°	6941.2	7506.3	10158.1	12020.3	12373.3	10476.2	13106.5	
85°	7022.7	7490.1	9530.7	11297.0	10822.8	8750.9	9377.8	

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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	25560	150.1
95	240	252	24267	141.6
90	227	250	23050	133.6
85	213	248	21729	125.0
80	200	245	20483	117.1
75	186	243	19129	108.7
70	173	240	17855	100.9
65	160	237	16571	93.2
60	148	234	15374	86.2
55	135	231	14067	78.5
50	122	227	12755	71.1
45	110	223	11528	63.9
40	97	219	10185	56.6
35	85	214	8934	49.8
30	73	208	7673	43.0
25	61	202	6401	36.2
20	49	194	5118	29.5
15	37	183	3830	22.8
10	25	169	2527	16.2
5	14	148	1325	10.1
1	4	102	224	4.6