

Lichttechnischer Prüfbefund

Familie

Licross® 21 Recessed



Bestell-Nr.: 52UL1EDV4D5F00S

EAN: 4058352608357

LP-Nummer

59263_15

Ausführung

Abdeckung satiniert, elliptisch eng strahlend

Bestückung

LED 4000 K | CRI ≥ 80

Betriebsgerät

EVG-DALI

Bemessungswerte

Nettolichtstrom = 13820 lm

Systemleistung = 87.2 W

Lichtausbeute = 158.5 lm/W

Seriendokumentation

22.02.2022

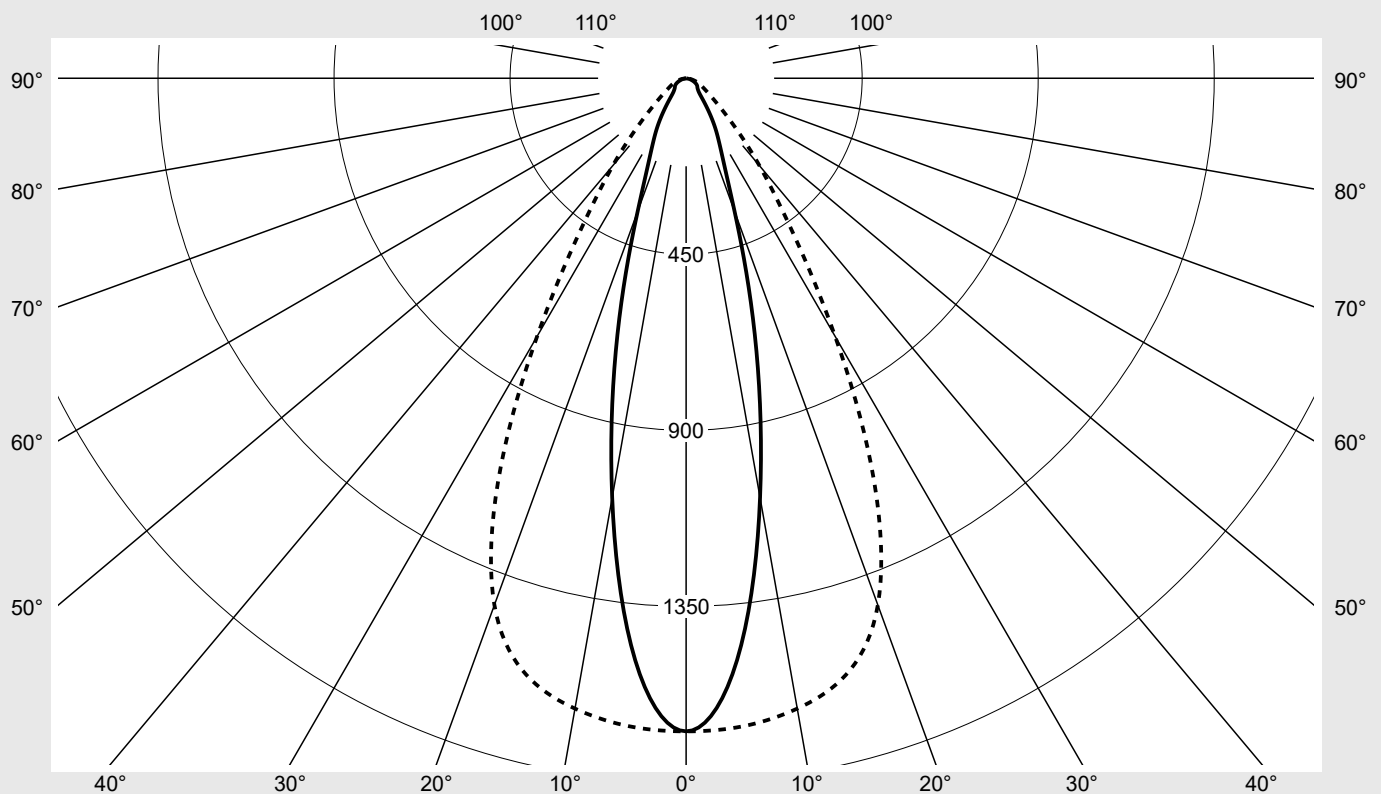
siteco

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

Lichttechnischer Prüfbefund

Familie Licross® 21 Recessed	Bestell-Nr.: 52UL1EDV4D5F00S EAN: 4058352608357	LP-Nummer 59263_15
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

Lichttechnischer Prüfbefund

Familie Licross® 21 Recessed	Bestell-Nr.: 52UL1EDV4D5F00S EAN: 4058352608357	LP-Nummer 59263_15
--	--	------------------------------

UGR-Tabelle		Standardraum									
Raumabmessungen		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
x	y										
2H	2H	14,9	16,1	15,2	16,4	16,7	19,9	21,1	20,2	21,4	21,7
	3H	16,0	17,1	16,4	17,5	17,8	20,5	21,5	20,8	21,8	22,2
	4H	16,4	17,4	16,8	17,8	18,2	20,7	21,7	21,1	22,0	22,4
	6H	16,6	17,6	17,0	18,0	18,3	21,0	21,8	21,4	22,2	22,6
	8H	16,8	17,6	17,2	18,0	18,4	21,1	21,8	21,5	22,2	22,6
	12H	16,8	17,6	17,3	18,0	18,4	21,1	21,8	21,6	22,2	22,6
4H	2H	15,7	16,7	16,1	17,0	17,4	19,9	20,9	20,3	21,2	21,6
	3H	17,1	17,9	17,5	18,3	18,7	20,6	21,4	21,0	21,8	22,2
	4H	17,6	18,4	18,1	18,8	19,2	20,9	21,7	21,4	22,1	22,5
	6H	17,9	18,6	18,4	19,0	19,5	21,2	21,9	21,7	22,3	22,8
	8H	18,0	18,6	18,5	19,1	19,5	21,4	21,9	21,9	22,4	22,8
	12H	18,1	18,6	18,6	19,1	19,6	21,4	21,9	21,9	22,4	22,9
8H	4H	18,1	18,6	18,6	19,1	19,6	21,0	21,6	21,5	22,1	22,6
	6H	18,6	19,0	19,1	19,5	20,0	21,5	21,9	22,0	22,4	22,9
	8H	18,7	19,1	19,2	19,6	20,1	21,6	22,0	22,1	22,5	23,0
	12H	18,8	19,2	19,3	19,7	20,2	21,7	22,0	22,2	22,5	23,1
12H	4H	18,2	18,6	18,6	19,1	19,6	21,0	21,5	21,5	22,0	22,5
	6H	18,7	19,0	19,2	19,5	20,1	21,4	21,8	22,0	22,3	22,9
	8H	18,8	19,2	19,4	19,7	20,2	21,6	22,0	22,1	22,5	23,0

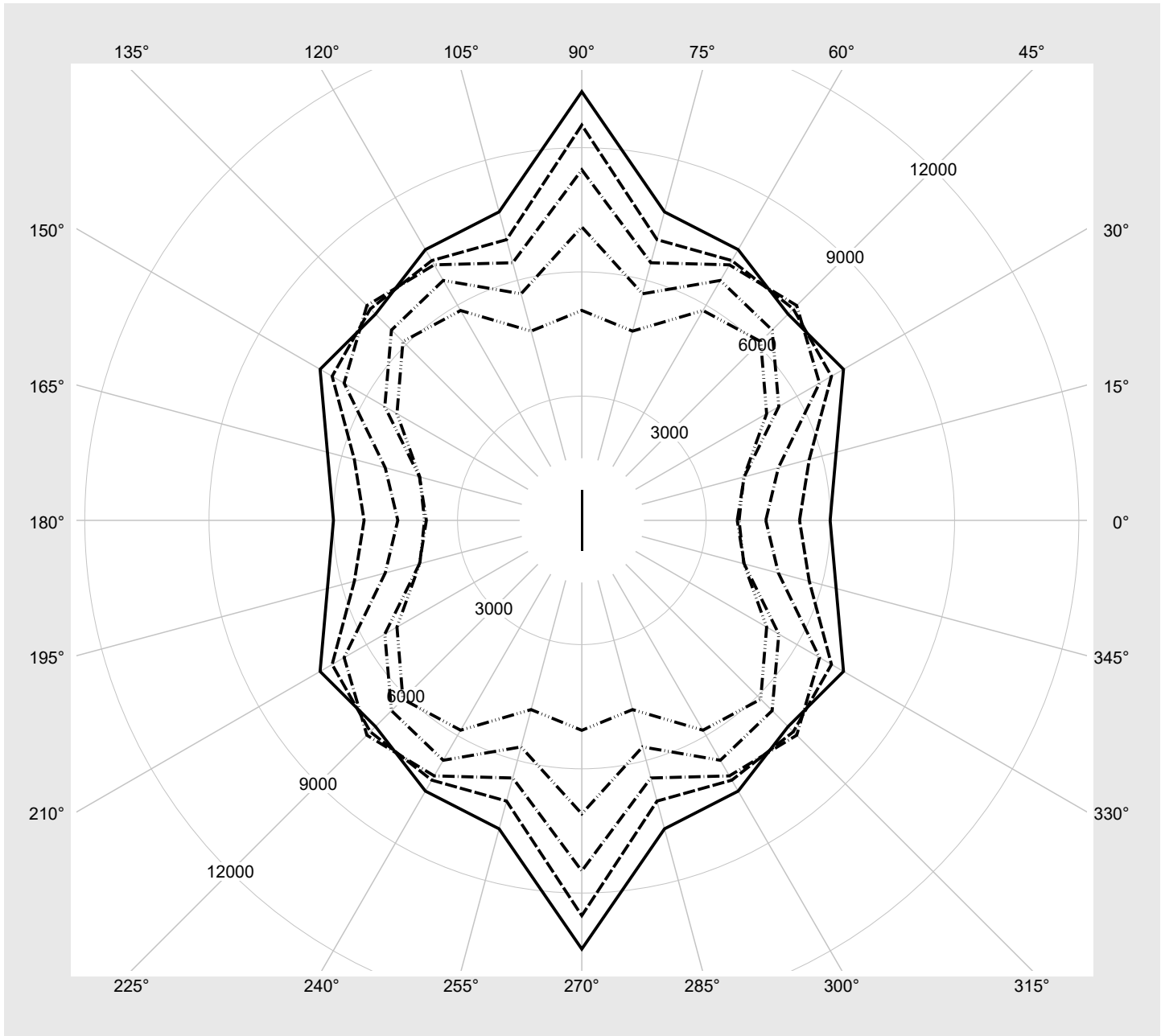
Leuchtdichten-Tabelle Max. für $\gamma \geq 65^\circ$	Lichttechnische Abmessungen in mm: L = 2250 B = 58
--	--

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°		6513.2	6870.5	8709.2	12921.5	14906.8	21775.9	26499.6
50°		6217.6	6422.0	7050.9	10055.6	11254.4	14717.3	17980.3
55°		6381.2	6458.6	6779.7	8026.9	9327.0	11008.8	13610.9
60°		6387.1	6597.0	6950.2	7249.3	8174.0	8891.6	11329.6
65°		5995.9	6358.3	7296.2	7043.6	7550.0	7712.7	10352.5
70°		5256.6	5685.8	6960.2	7221.2	7244.2	7018.4	9545.3
75°		4442.3	4913.7	6626.1	7337.6	7125.7	6440.7	8465.3
80°		3753.1	4058.6	5492.4	6499.2	6690.1	5664.3	7086.5
85°		3797.1	4049.8	5153.1	6108.2	5851.8	4731.5	5070.5

Lichttechnischer Prüfbefund

Familie Licross® 21 Recessed	Bestell-Nr.: 52UL1EDV4D5F00S EAN: 4058352608357	LP-Nummer 59263_15
---	--	-------------------------------------

Leuchtdichten in cd/m² γ 65° γ 70° γ 75° γ 80° γ 85°



Lichttechnischer Prüfbefund

Familie Licross® 21 Recessed	Bestell-Nr.: 52UL1EDV4D5F00S EAN: 4058352608357	LP-Nummer 59263_15
---	--	-------------------------------------

Dimmstufen-Tabelle	Umgebungstemperatur: 25°C	sITeco
---------------------------	---------------------------	---------------

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	254	254	13820	87.2
95	240	252	13146	82.2
90	226	250	12460	77.2
85	212	247	11761	72.3
80	198	245	11053	67.4
75	185	242	10388	62.8
70	171	240	9658	58.1
65	158	237	8974	53.6
60	145	233	8277	49.1
55	133	230	7627	45.1
50	120	227	6913	40.8
45	107	222	6191	36.5
40	95	218	5516	32.6
35	83	213	4838	28.6
30	71	207	4149	24.8
25	59	201	3455	21.0
20	47	192	2758	17.2
15	35	181	2051	13.4
10	24	168	1397	9.9
5	12	142	679	6.2
1	4	102	195	3.9