

## Lichttechnischer Prüfbefund

**Familie**  
**Licross® 11 Recessed**

**Bestell-Nr.: 51UL1EDV4E5F**  
**EAN: 4058352606711**

**LP-Nummer**  
**59263\_21**



**Ausführung** Abdeckung satiniert, elliptisch eng strahlend  
**Bestückung** LED 4000 K | CRI ≥ 80  
**Betriebsgerät** EVG-DALI  
**Bemessungswerte** Nettolichtstrom = 14910 lm  
 Systemleistung = 89.6 W  
 Lichtausbeute = 166.4 lm/W

**Seriendokumentation**  
22.02.2022

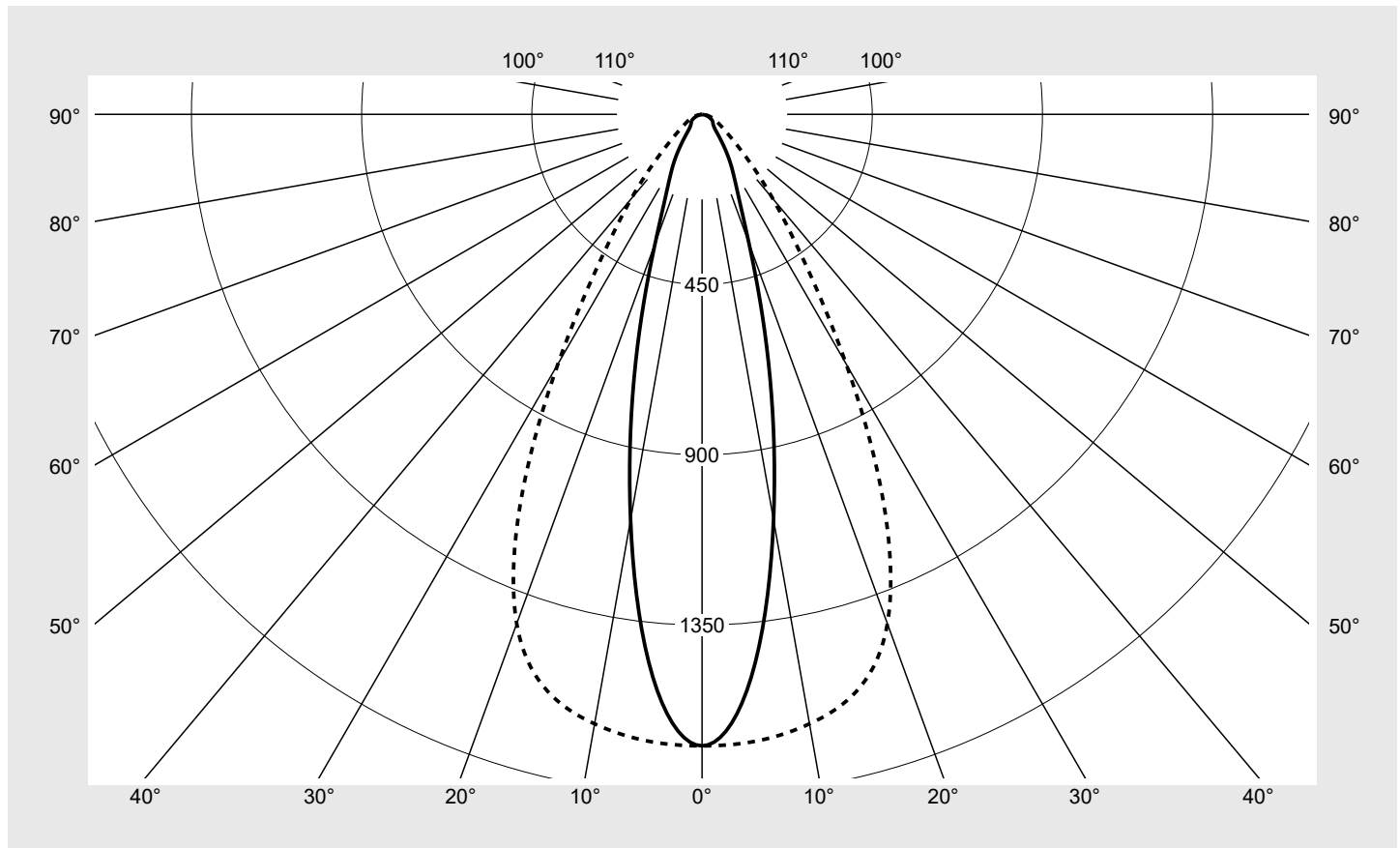
**sitEco**

**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**

$\eta_{LB}$  100,0%  
 $\phi_u$  100,0%  
 $\phi_o$  0,0%

**Messbedingungen**

DIN EN 13032 und DIN 5032

## Lichttechnischer Prüfbefund

<b>Familie</b> <b>Licross® 11 Recessed</b>	<b>Bestell-Nr.: 51UL1EDV4E5F</b> <b>EAN: 4058352606711</b>	<b>LP-Nummer</b> <b>59263_21</b>
<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>sITeco</b>

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

<b>Familie</b> Licross® 11 Recessed	<b>Bestell-Nr.: 51UL1EDV4E5F</b> <b>EAN: 4058352606711</b>	<b>LP-Nummer</b> 59263_21
--	---	------------------------------

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

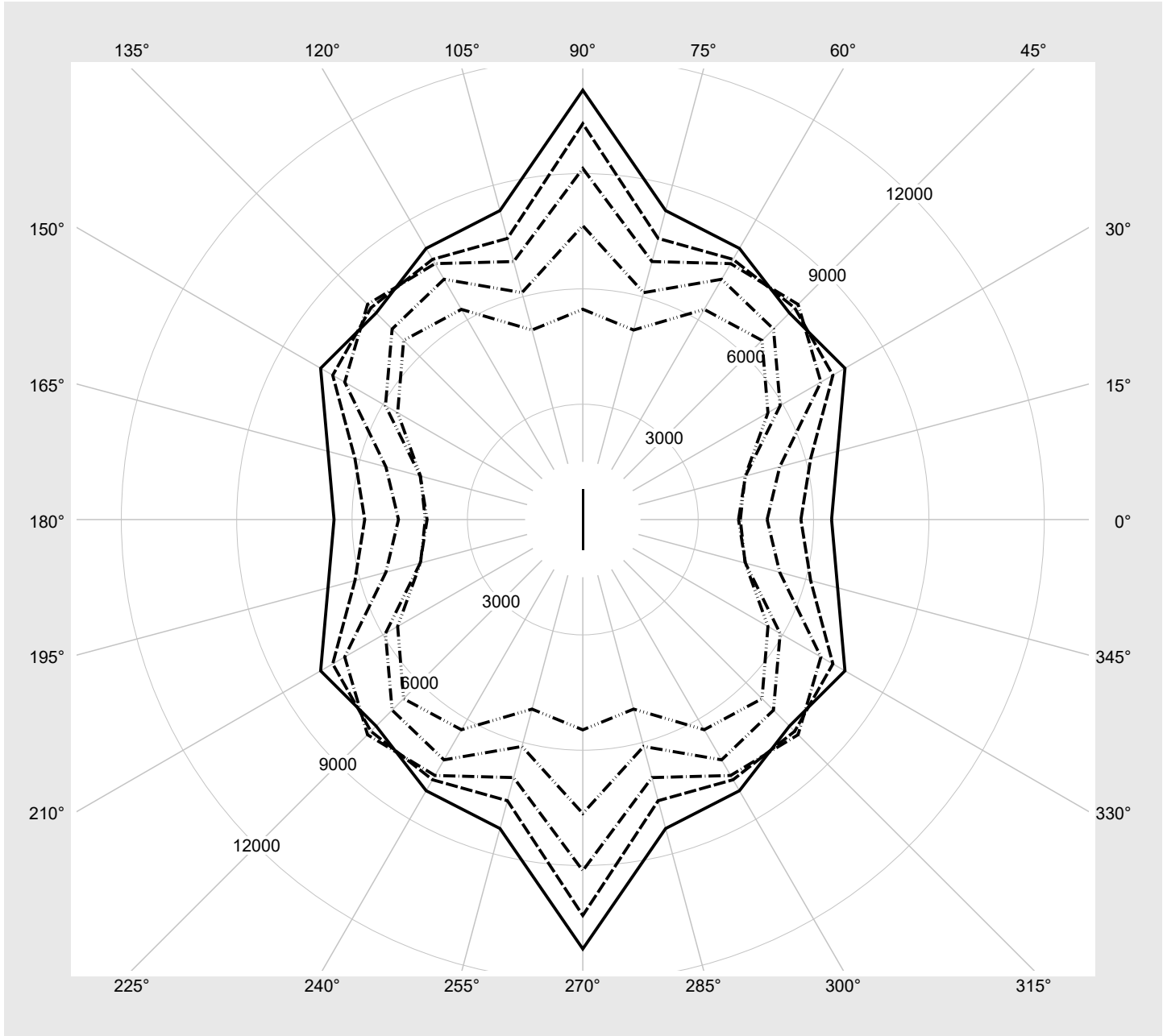
<b>Leuchtdichten-Tabelle</b> Max. für $\gamma \geq 65^\circ$	<b>Lichttechnische Abmessungen in mm:</b> L = 2250 B = 58
--	--

C-Ebenen	$\gamma$	Leuchtdichte in cd/m <sup>2</sup>						
		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°		7026.9	7412.4	9396.1	13940.6	16082.5	23493.4	28589.6
50°		6708.0	6928.5	7607.0	10848.7	12142.0	15878.0	19398.5
55°		6884.5	6968.0	7314.4	8660.0	10062.7	11877.1	14684.4
60°		6890.8	7117.3	7498.4	7821.1	8818.7	9592.9	12223.2
65°		6468.8	6859.7	7871.6	7599.1	8145.5	8321.0	11169.0
70°		5671.2	6134.2	7509.2	7790.8	7815.5	7572.0	10298.2
75°		4792.7	5301.2	7148.7	7916.3	7687.7	6948.7	9132.9
80°		4049.1	4378.7	5925.6	7011.8	7217.8	6111.1	7645.4
85°		4096.6	4369.2	5559.5	6589.9	6313.3	5104.7	5470.4

**Lichttechnischer Prüfbefund**

<b>Familie</b> Licross® 11 Recessed	<b>Bestell-Nr.:</b> 51UL1EDV4E5F <b>EAN:</b> 4058352606711	<b>LP-Nummer</b> 59263_21
--	---	------------------------------

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



## Lichttechnischer Prüfbefund

<b>Familie</b> <b>Licross® 11 Recessed</b>	<b>Bestell-Nr.: 51UL1EDV4E5F</b> <b>EAN: 4058352606711</b>	<b>LP-Nummer</b> <b>59263_21</b>
---	---	-------------------------------------

<b>Dimmstufen-Tabelle</b>	Umgebungstemperatur: 25°C	<b>sITeco</b>
---------------------------	---------------------------	---------------

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	254	254	14910	89.6
95	240	252	14159	84.4
90	226	250	13400	79.3
85	213	248	12686	74.6
80	199	245	11908	69.6
75	186	243	11177	64.9
70	173	240	10438	60.4
65	160	237	9694	55.7
60	147	234	8939	51.2
55	134	231	8182	46.8
50	122	227	7471	42.6
45	109	223	6694	38.3
40	97	219	5971	34.3
35	85	214	5241	30.2
30	72	208	4443	25.9
25	60	201	3699	22.0
20	49	194	3013	18.5
15	37	183	2257	14.6
10	25	169	1496	10.5
5	13	145	728	6.7
2	6	117	278	4.5