

Lichttechnischer Prüfbefund

Familie
Licross® 21 Recessed

Bestell-Nr.: 52TL1EDN465G
EAN: 4058352891742

LP-Nummer
59263_79



Ausführung Abdeckung satiniert, elliptisch eng strahlend
Bestückung LED 4000 K | CRI ≥ 80
Betriebsgerät EVG-DALI
Bemessungswerte Nettolichtstrom = 6990 lm
Systemleistung = 39.3 W
Lichtausbeute = 177.9 lm/W

Seriendokumentation
03.08.2023

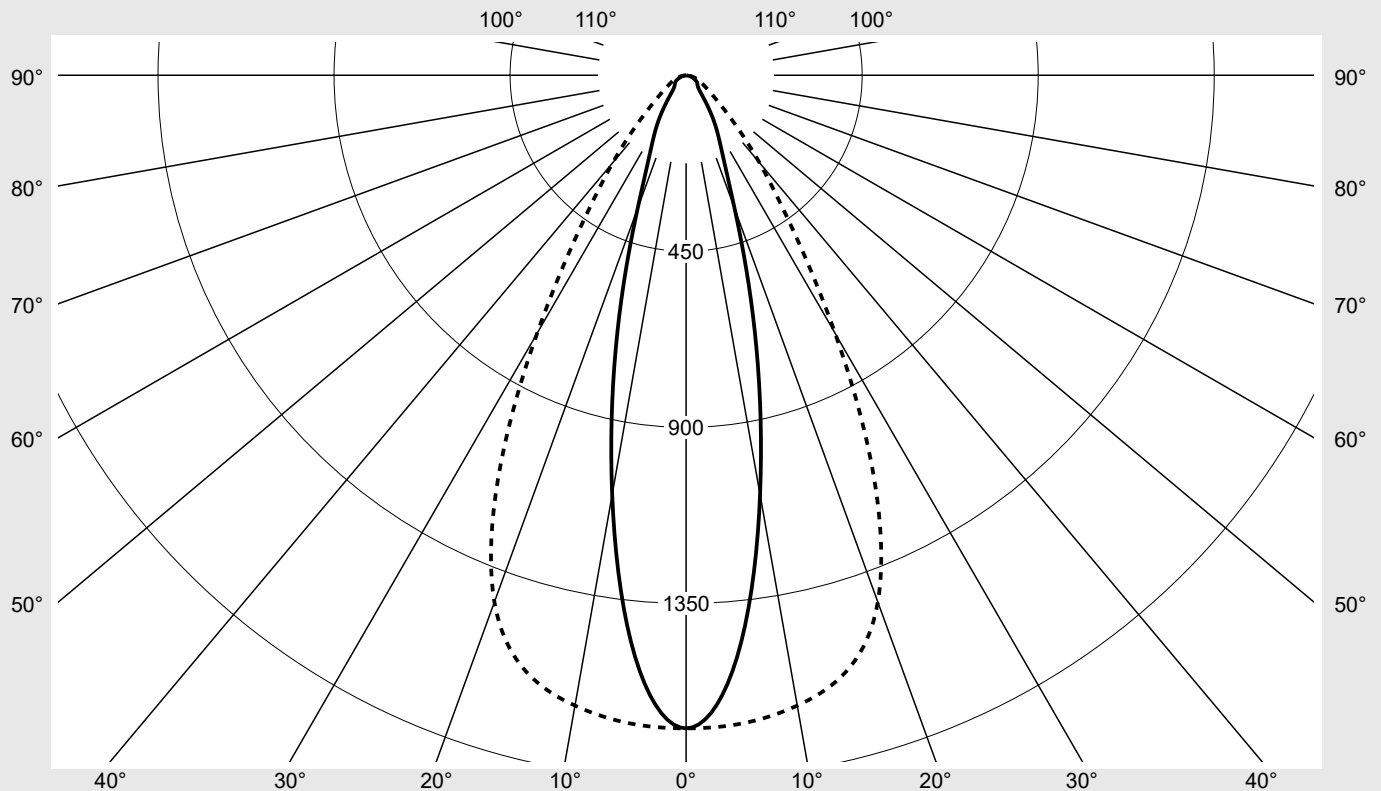
siteco

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.: 52TL1EDN465G EAN: 4058352891742	LP-Nummer 59263_79
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.: 52TL1EDN465G EAN: 4058352891742	LP-Nummer 59263_79
--	---	------------------------------

UGR-Tabelle		Standardraum									
		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
Raumabmessungen											
x	y										
2H	2H	13,9	15,1	14,3	15,4	15,8	18,9	20,1	19,3	20,5	20,8
	3H	15,1	16,2	15,5	16,5	16,9	19,5	20,5	19,9	20,9	21,2
	4H	15,4	16,5	15,8	16,8	17,2	19,8	20,7	20,2	21,1	21,5
	6H	15,7	16,6	16,1	17,0	17,4	20,0	20,9	20,4	21,2	21,6
	8H	15,9	16,7	16,3	17,0	17,5	20,1	20,9	20,6	21,3	21,7
	12H	15,9	16,7	16,3	17,1	17,5	20,2	20,8	20,6	21,2	21,7
4H	2H	14,7	15,7	15,1	16,0	16,4	18,9	19,9	19,3	20,3	20,7
	3H	16,2	17,0	16,6	17,4	17,8	19,6	20,5	20,0	20,8	21,3
	4H	16,7	17,4	17,1	17,8	18,3	20,0	20,7	20,4	21,1	21,6
	6H	16,9	17,6	17,4	18,0	18,5	20,3	20,9	20,7	21,4	21,8
	8H	17,1	17,6	17,5	18,1	18,6	20,4	21,0	20,9	21,4	21,9
	12H	17,2	17,7	17,6	18,1	18,6	20,5	20,9	21,0	21,4	21,9
8H	4H	17,1	17,7	17,6	18,1	18,6	20,1	20,7	20,6	21,1	21,6
	6H	17,6	18,0	18,1	18,5	19,0	20,5	20,9	21,0	21,4	21,9
	8H	17,7	18,1	18,2	18,6	19,2	20,6	21,0	21,1	21,5	22,0
	12H	17,9	18,2	18,4	18,7	19,3	20,7	21,0	21,2	21,6	22,1
12H	4H	17,2	17,6	17,7	18,1	18,6	20,1	20,6	20,6	21,0	21,5
	6H	17,7	18,1	18,2	18,6	19,1	20,5	20,9	21,0	21,4	21,9
	8H	17,9	18,2	18,4	18,7	19,3	20,6	21,0	21,2	21,5	22,0

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°		4941.4	5212.5	6607.5	9803.3	11309.5	16521.0	20104.8
50°		4717.2	4872.3	5349.4	7629.0	8538.5	11165.7	13641.4
55°		4841.3	4900.0	5143.6	6089.8	7076.3	8352.2	10326.3
60°		4845.8	5005.0	5273.0	5499.9	6201.5	6745.9	8595.6
65°		4549.0	4823.9	5535.5	5343.9	5728.1	5851.5	7854.3
70°		3988.1	4313.7	5280.6	5478.6	5496.0	5324.8	7241.9
75°		3370.3	3727.9	5027.1	5566.9	5406.1	4886.5	6422.5
80°		2847.4	3079.2	4167.0	4930.9	5075.7	4297.4	5376.4
85°		2880.8	3072.5	3909.6	4634.2	4439.6	3589.7	3846.9

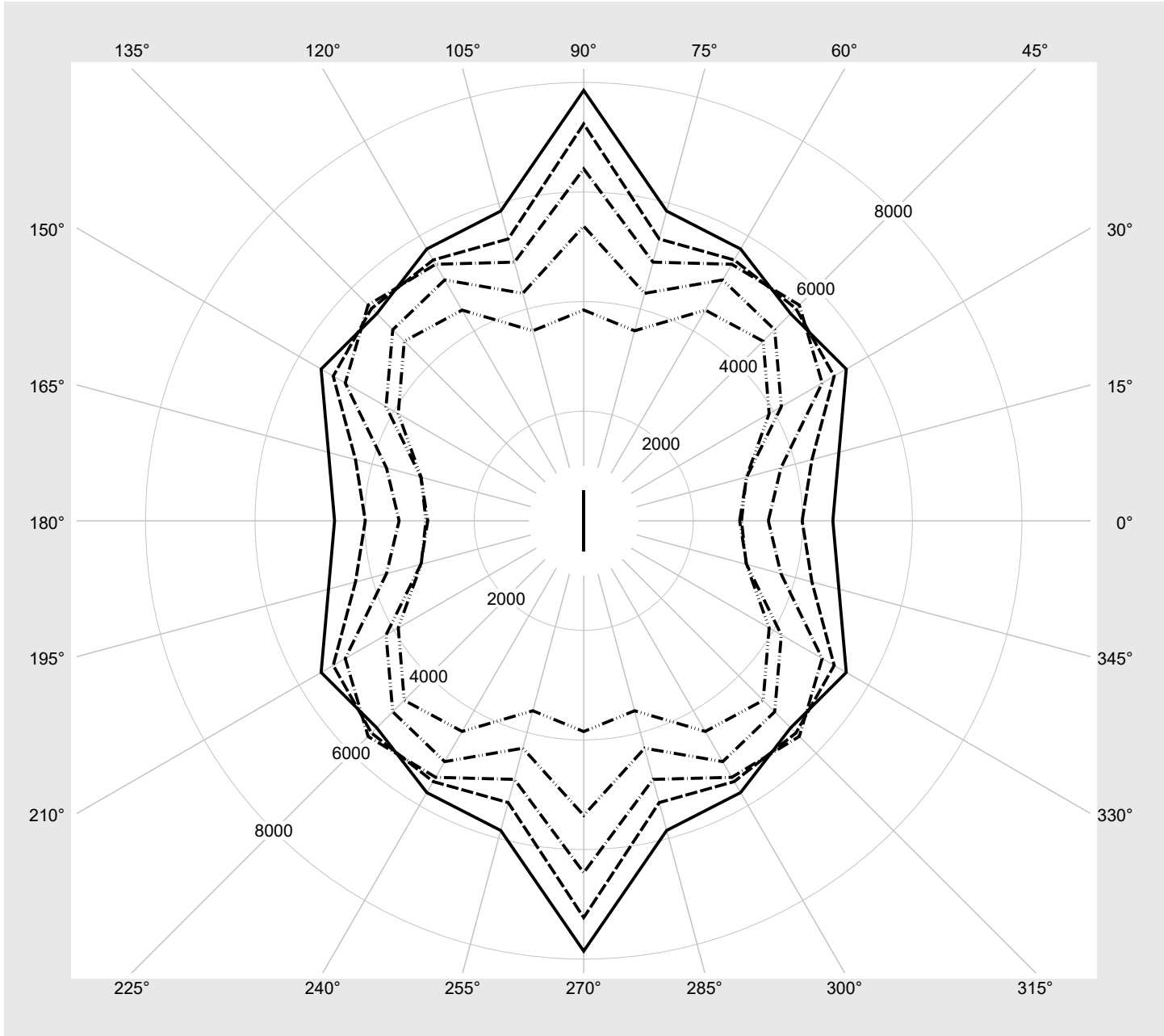
Lichttechnischer Prüfbefund

Familie Licross® 21 Recessed	Bestell-Nr.: 52TL1EDN465G EAN: 4058352891742	LP-Nummer 59263_79
---	---	-------------------------------------

Leuchtdichten in cd/m²

γ 65°	γ 70°	γ 75°	γ 80°	γ 85°
--------------	--------------	--------------	--------------	--------------

siteco



Lichttechnischer Prüfbefund

Familie Licross® 21 Recessed	Bestell-Nr.: 52TL1EDN465G EAN: 4058352891742	LP-Nummer 59263_79
--	---	-------------------------------------

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

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	----	----	----	----
99	252	254	6937	39.0
95	241	252	6653	37.3
90	227	250	6286	35.2
85	214	248	5942	33.2
80	201	245	5598	31.3
75	188	243	5250	29.2
70	175	240	4899	27.4
65	162	238	4548	25.6
60	149	234	4193	23.7
55	136	231	3834	21.8
50	124	228	3505	20.1
45	111	224	3143	18.1
40	99	219	2807	16.3
35	86	214	2444	14.3
30	74	209	2106	12.3
25	61	202	1736	11.0
20	49	194	1396	9.3
15	37	183	1052	7.4
12	29	175	824	6.3