

Lichttechnischer Prüfbefund

Familie
Licross® 21 Recessed

Bestell-Nr.: 52TL12DN6AXG
EAN: 4058352971376

LP-Nummer
59101_354



Ausführung Abdeckung satiniert, breit strahlend, hoher Sehkomfort

Bestückung LED 6500 K | CRI ≥ 80

Betriebsgerät EVG-DALI

Bemessungswerte Nettolichtstrom = 10000 lm
Systemleistung = 58.0 W
Lichtausbeute = 172.4 lm/W

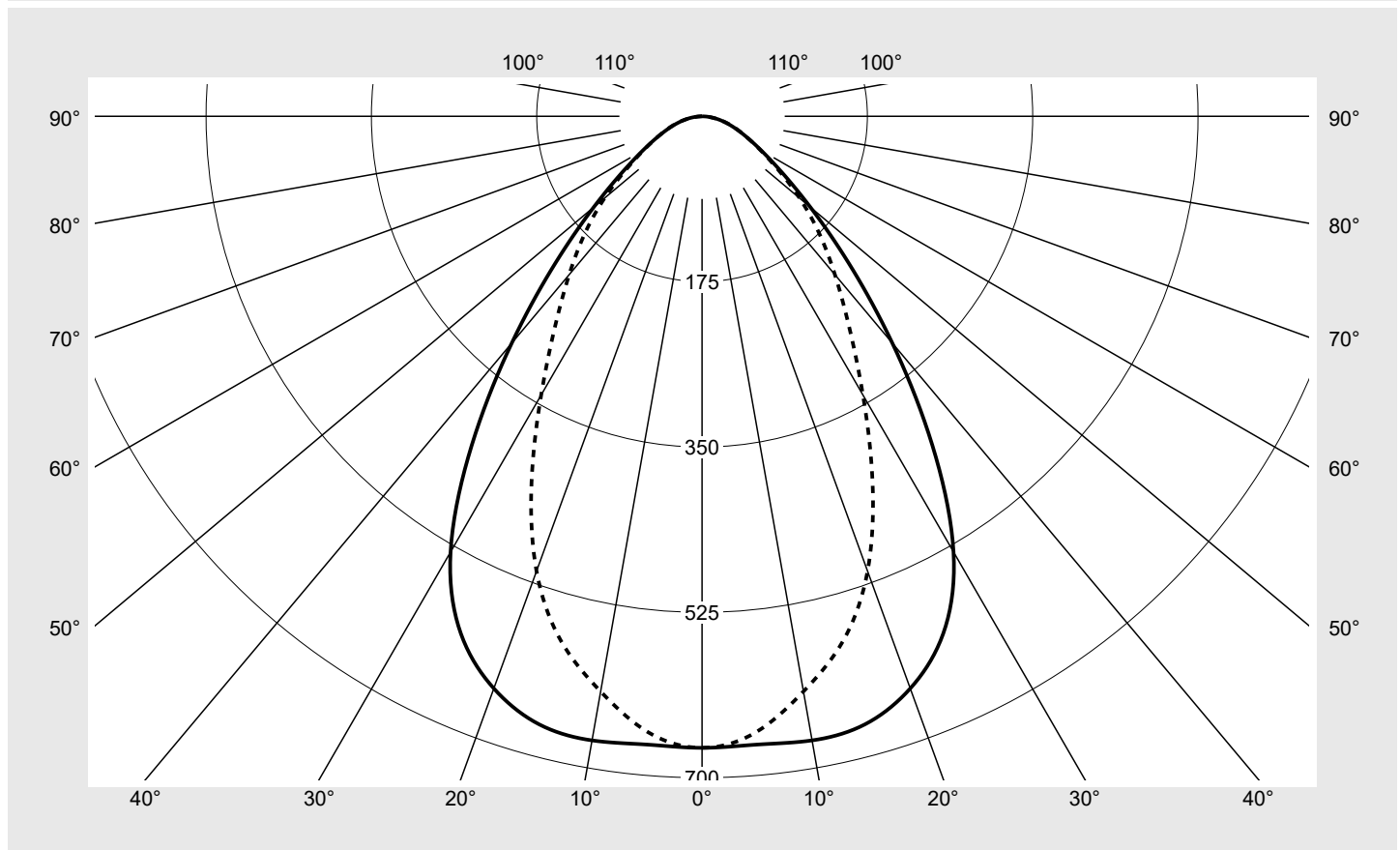
Seriendokumentation
28.09.2023

sitEco

Lichtstärke in cd/klm

C180-0 **C270-90**

Imax: 671 cd/klm



Klassifizierungen

DIN 5040 A 6 0
CIE N1=72 N2=92 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°			
γ									
Lichtstärke in cd/klm									
Lichtstrom in lm/klm									
0°	668.4	668.4	668.4	668.4	668.4	668.4	668.4	4.0	4.0
5°	667.5	664.4	657.4	655.8	655.7	654.2	654.4	31.4	35.4
10°	670.7	665.0	649.1	636.1	625.3	618.7	618.1	60.9	96.3
15°	666.2	657.2	632.9	612.0	594.0	578.5	575.5	87.4	183.7
20°	644.4	632.9	606.9	585.4	554.6	522.7	512.3	108.8	292.5
25°	604.1	590.6	566.7	541.2	494.5	444.9	427.0	121.8	414.2
30°	532.4	517.7	496.3	466.1	413.9	359.9	340.6	122.9	537.1
35°	425.0	409.7	387.0	361.9	325.4	286.0	271.1	111.0	648.1
40°	313.4	295.8	270.7	255.1	246.8	229.4	218.8	91.8	739.9
45°	219.2	200.3	175.7	171.1	181.8	184.7	175.5	71.8	811.7
50°	149.7	132.6	112.6	116.3	133.0	145.6	134.9	54.8	866.5
55°	102.7	89.1	74.7	81.5	98.1	107.9	98.1	41.3	907.7
60°	72.4	62.1	51.3	58.3	71.8	76.5	71.0	31.0	938.7
65°	52.1	44.3	35.9	41.6	51.4	54.2	52.1	23.1	961.9
70°	37.6	31.7	24.7	29.1	35.6	38.4	38.3	16.9	978.8
75°	26.0	21.3	16.2	19.0	22.9	25.9	26.8	11.6	990.4
80°	16.1	12.5	9.2	10.4	12.6	14.8	15.7	6.8	997.3
85°	7.0	5.4	3.8	4.1	4.8	5.7	5.8	2.7	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	21,7	23,2	22,1	23,5	23,8	21,7	23,1	22,0	23,4	23,7
	3H	22,3	23,6	22,7	23,9	24,3	22,5	23,7	22,9	24,1	24,4
	4H	22,6	23,8	23,0	24,1	24,5	22,8	24,0	23,2	24,3	24,7
	6H	22,9	23,9	23,3	24,3	24,7	23,1	24,1	23,5	24,5	24,9
	8H	23,0	24,0	23,5	24,4	24,8	23,2	24,2	23,6	24,6	25,0
	12H	23,1	24,0	23,5	24,4	24,8	23,2	24,1	23,7	24,5	25,0
4H	2H	21,9	23,1	22,3	23,4	23,8	21,9	23,1	22,3	23,4	23,8
	3H	22,6	23,6	23,0	23,9	24,4	22,8	23,8	23,3	24,2	24,6
	4H	22,9	23,8	23,4	24,2	24,6	23,3	24,2	23,7	24,6	25,0
	6H	23,2	24,0	23,7	24,4	24,9	23,6	24,4	24,1	24,8	25,3
	8H	23,4	24,1	23,9	24,5	25,0	23,8	24,4	24,2	24,9	25,4
	12H	23,5	24,1	24,0	24,5	25,0	23,9	24,4	24,4	24,9	25,4
8H	4H	23,0	23,7	23,5	24,1	24,6	23,3	24,0	23,8	24,5	24,9
	6H	23,4	23,9	23,9	24,4	24,9	23,8	24,3	24,3	24,8	25,3
	8H	23,5	24,0	24,0	24,5	25,0	23,9	24,4	24,4	24,9	25,4
	12H	23,7	24,1	24,2	24,6	25,1	24,1	24,5	24,6	25,0	25,5
12H	4H	23,0	23,6	23,5	24,1	24,6	23,4	23,9	23,8	24,4	24,9
	6H	23,4	23,8	23,9	24,3	24,9	23,8	24,2	24,3	24,7	25,3
	8H	23,5	23,9	24,1	24,4	25,0	24,0	24,4	24,5	24,9	25,4

Leuchtdichten-Tabelle Max. für $\gamma \geq 65^\circ$

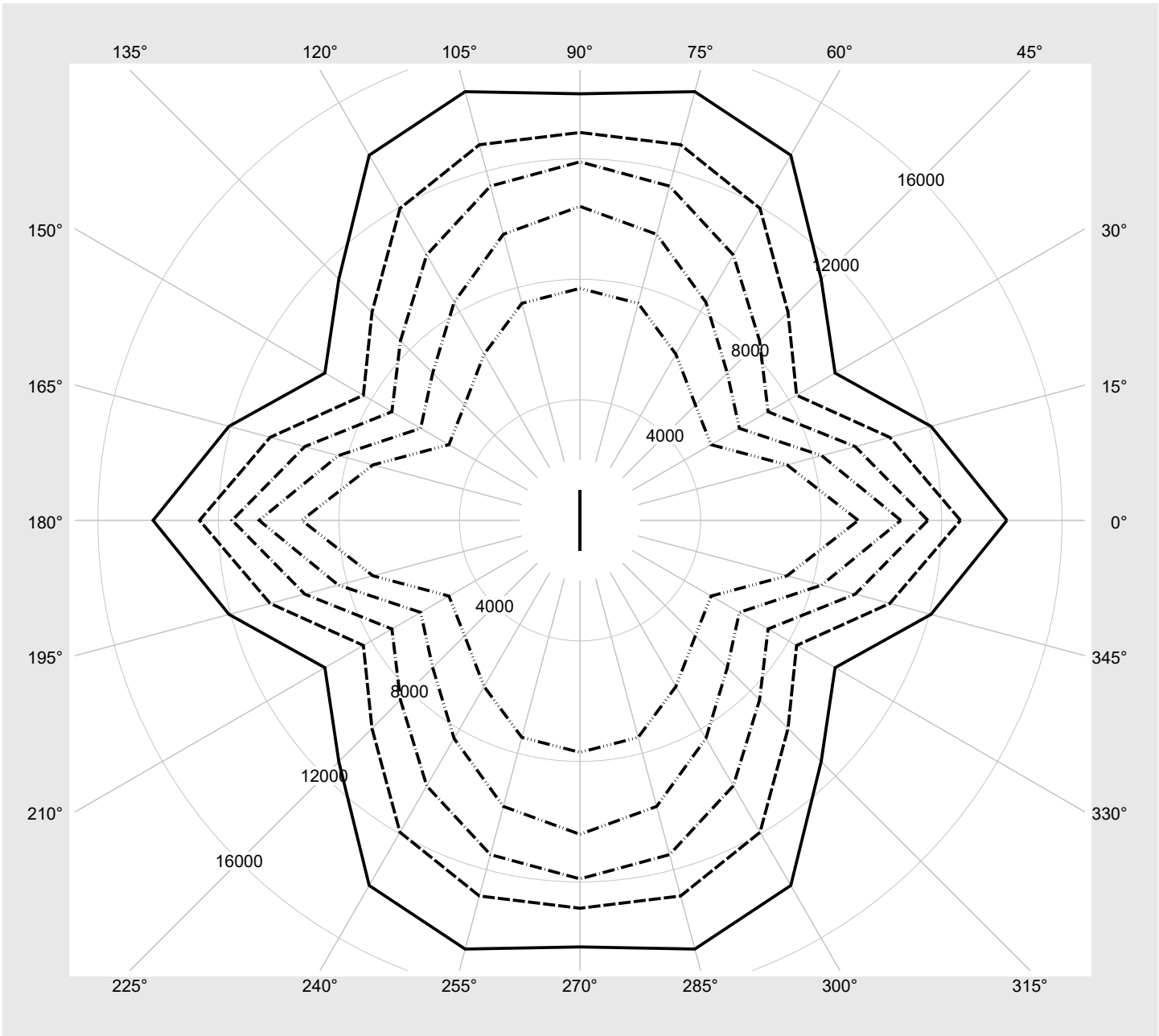
Lichttechnische Abmessungen in mm: L = 1500 B = 58

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°		35634.9	32567.2	28556.2	27818.6	29552.0	30023.6	28532.2
50°		26766.5	23706.5	20137.0	20797.7	23782.0	26039.2	24114.6
55°		20573.9	17860.5	14973.2	16336.9	19654.7	21632.4	19649.6
60°		16639.5	14283.4	11794.9	13412.4	16498.2	17588.7	16317.0
65°		14170.6	12060.8	9777.0	11320.8	13992.4	14728.9	14157.0
70°		12627.8	10647.7	8302.3	9764.2	11952.6	12905.4	12872.8
75°		11546.3	9458.1	7209.1	8428.2	10174.9	11484.5	11898.4
80°		10649.8	8302.6	6108.3	6913.8	8358.2	9829.0	10420.1
85°		9235.7	7113.7	5023.4	5416.4	6367.3	7456.6	7699.3

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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	10000	58.0
95	240	252	9495	54.8
90	226	250	8986	51.5
85	213	248	8504	48.7
80	199	245	7983	45.5
75	186	243	7491	42.6
70	173	240	6997	39.6
65	160	237	6500	36.8
60	147	234	5996	33.9
55	134	231	5488	31.0
50	122	227	5013	28.4
45	109	223	4495	25.5
40	97	219	4013	22.9
35	84	213	3487	20.1
30	72	208	2996	17.5
25	60	201	2503	15.0
20	48	193	2006	12.3
15	36	182	1505	9.7
10	24	168	1001	7.2
5	12	142	494	4.6
2	4	102	154	3.0