

Lichttechnischer Prüfbefund

Familie
Licross® 21 Recessed

Bestell-Nr.: 52TE12DV6FXG
EAN: 4058352969304

LP-Nummer
59101_363



Ausführung Abdeckung satiniert, breit strahlend, hoher Sehkomfort

Bestückung LED 6500 K | CRI ≥ 80

Betriebsgerät EVG-DALI

Bemessungswerte Nettolichtstrom = 15000 lm
Systemleistung = 85.3 W
Lichtausbeute = 175.8 lm/W

Seriendokumentation
28.09.2023

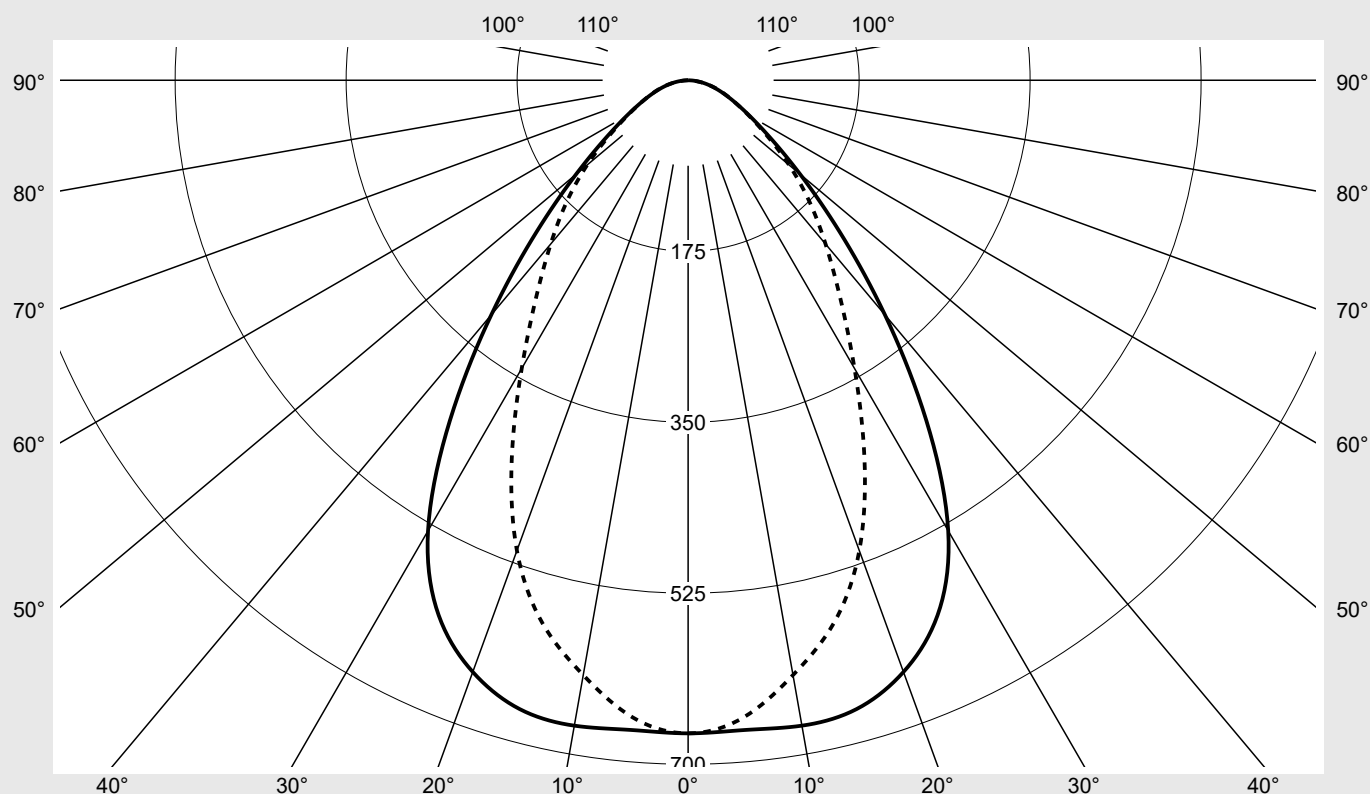
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Lichtstärke in cd/klm

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

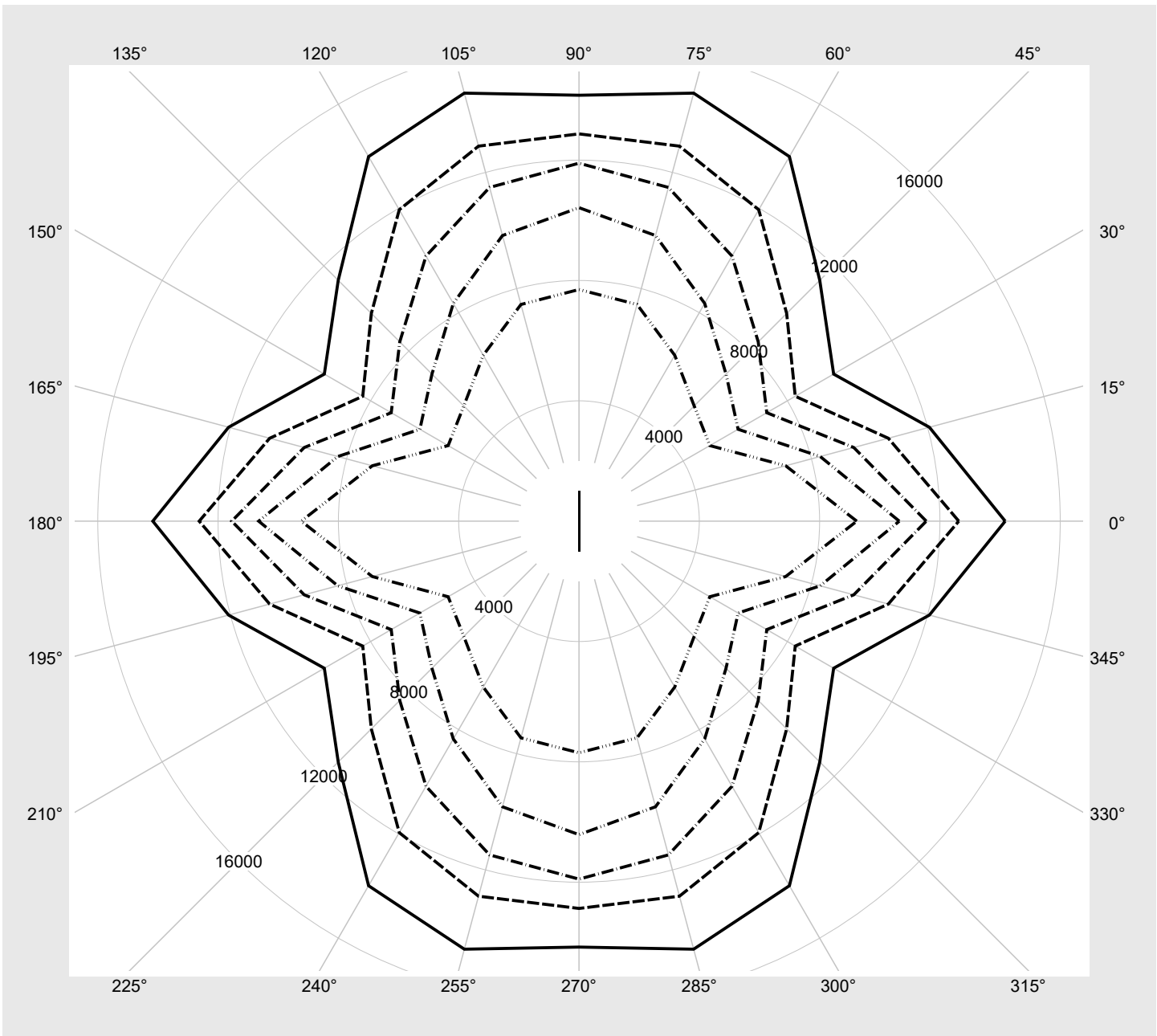
Leuchtdichten-Tabelle Max. für $\gamma \geq 65^\circ$	Lichttechnische Abmessungen in mm: L = 2250 B = 58
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C-Ebenen	γ	Leuchtdichte in cd/m ²						
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°
45°		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		sITeco
Umgebungstemperatur: 25°C		

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	254	254	15000	85.3
95	240	252	14243	80.7
90	226	250	13477	76.1
85	213	248	12756	71.7
80	199	245	11974	67.0
75	186	243	11236	62.7
70	173	240	10495	58.3
65	160	237	9748	54.0
60	147	234	8994	49.7
55	134	231	8231	45.4
50	122	227	7518	41.4
45	109	223	6742	37.3
40	97	219	6020	33.4
35	84	213	5231	29.2
30	72	208	4495	25.3
25	60	201	3754	21.5
20	48	193	3008	17.4
15	36	182	2257	13.3
10	24	168	1501	9.0
5	12	142	741	4.4
2	4	102	228	1.4