

Lichttechnischer Prüfbefund

Familie
Licross® 21 Recessed

Bestell-Nr.: 52TL1WDN4FXM
EAN: 4069025081216

LP-Nummer
59521_3



Ausführung Abdeckung satiniert, breit strahlend
Bestückung LED 4000 K | CRI ≥ 80
Betriebsgerät EVG-DALI
Bemessungswerte Nettolichtstrom = 15050 lm
Systemleistung = 84.6 W
Lichtausbeute = 177.9 lm/W

Seriendokumentation
15.03.2024

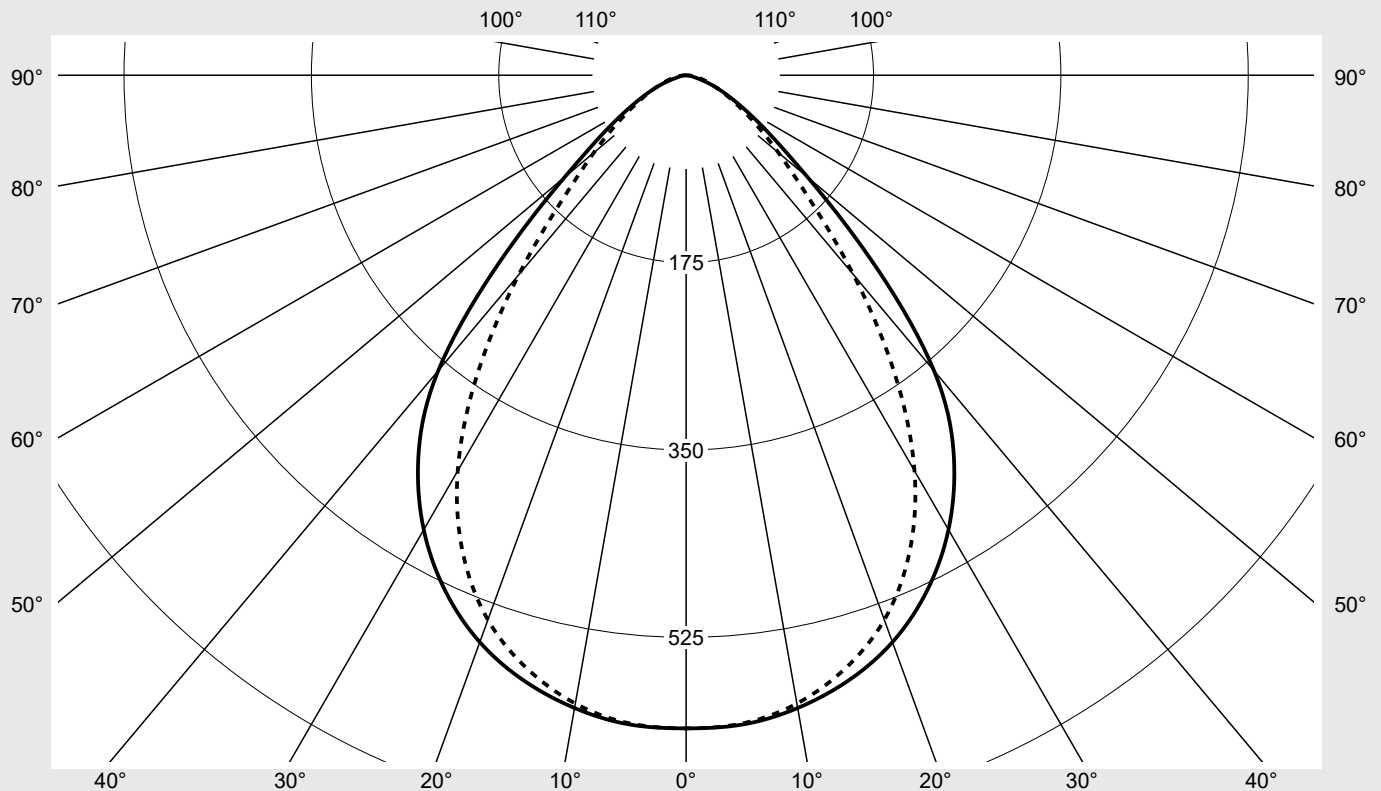
sitEco

Lichtstärke in cd/klm

C180-0

C270-90

Imax: 610 cd/klm



Klassifizierungen

DIN 5040 A 5 0
CIE N1=73 N2=94 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°	610.0	610.0	610.0	610.0	610.0	610.0	610.0	3.6	3.6
5°	608.6	607.6	603.5	605.7	607.8	607.2	607.6	29.0	32.6
10°	600.1	600.0	594.9	595.9	596.5	595.2	595.9	56.8	89.4
15°	585.3	585.9	578.8	577.8	576.6	573.9	573.7	82.1	171.5
20°	563.4	563.9	554.9	550.2	546.3	542.2	541.3	103.4	275.0
25°	531.8	531.9	519.6	510.4	502.3	495.0	493.0	118.6	393.5
30°	490.1	489.9	473.2	457.8	443.0	430.6	426.6	125.7	519.3
35°	436.1	434.9	413.9	389.9	365.2	345.5	339.2	122.5	641.7
40°	360.2	357.4	334.2	303.1	273.1	250.6	243.1	106.9	748.6
45°	245.6	242.6	226.1	203.9	182.4	166.8	161.9	79.2	827.8
50°	148.2	149.1	145.2	133.7	122.4	114.2	112.6	55.6	883.4
55°	94.6	95.2	94.9	92.6	85.9	79.9	79.2	40.1	923.5
60°	61.8	62.8	63.1	63.8	60.6	55.1	54.9	28.8	952.3
65°	39.8	41.1	42.4	42.8	42.4	38.1	37.8	20.3	972.6
70°	23.6	24.8	26.8	28.2	28.2	26.4	25.7	13.6	986.2
75°	10.5	11.2	13.0	16.6	16.9	18.1	17.0	7.9	994.2
80°	5.4	5.5	5.6	6.4	8.9	11.0	9.8	4.1	998.2
85°	2.7	2.8	2.9	2.9	2.8	4.7	4.7	1.8	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									
		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
Raumabmessungen											
x	y										
2H	2H	23,9	25,3	24,2	25,6	25,9	22,6	24,0	22,9	24,3	24,6
	3H	24,1	25,4	24,5	25,7	26,1	23,0	24,2	23,4	24,6	24,9
	4H	24,1	25,3	24,5	25,6	26,0	23,2	24,3	23,5	24,7	25,1
	6H	24,1	25,2	24,5	25,5	25,9	23,3	24,4	23,7	24,7	25,1
	8H	24,2	25,1	24,6	25,5	25,9	23,4	24,3	23,8	24,7	25,1
	12H	24,2	25,0	24,6	25,4	25,8	23,4	24,3	23,8	24,7	25,1
4H	2H	24,0	25,2	24,4	25,5	25,9	22,9	24,0	23,3	24,4	24,7
	3H	24,3	25,3	24,8	25,7	26,1	23,4	24,4	23,8	24,8	25,2
	4H	24,4	25,2	24,8	25,6	26,1	23,6	24,5	24,1	24,9	25,4
	6H	24,4	25,1	24,8	25,5	26,0	23,9	24,6	24,3	25,0	25,5
	8H	24,4	25,0	24,8	25,5	26,0	23,9	24,6	24,4	25,1	25,5
	12H	24,4	25,0	24,9	25,4	25,9	24,0	24,6	24,5	25,1	25,5
8H	4H	24,4	25,1	24,9	25,5	26,0	23,7	24,4	24,2	24,8	25,3
	6H	24,4	24,9	24,9	25,4	25,9	24,0	24,5	24,5	25,0	25,5
	8H	24,4	24,9	24,9	25,4	25,9	24,1	24,5	24,6	25,0	25,6
	12H	24,4	24,8	24,9	25,3	25,8	24,2	24,6	24,7	25,1	25,6
12H	4H	24,4	25,0	24,9	25,4	25,9	23,7	24,3	24,2	24,7	25,2
	6H	24,4	24,8	24,9	25,3	25,9	24,0	24,4	24,5	24,9	25,4
	8H	24,4	24,8	24,9	25,3	25,8	24,1	24,5	24,6	25,0	25,5

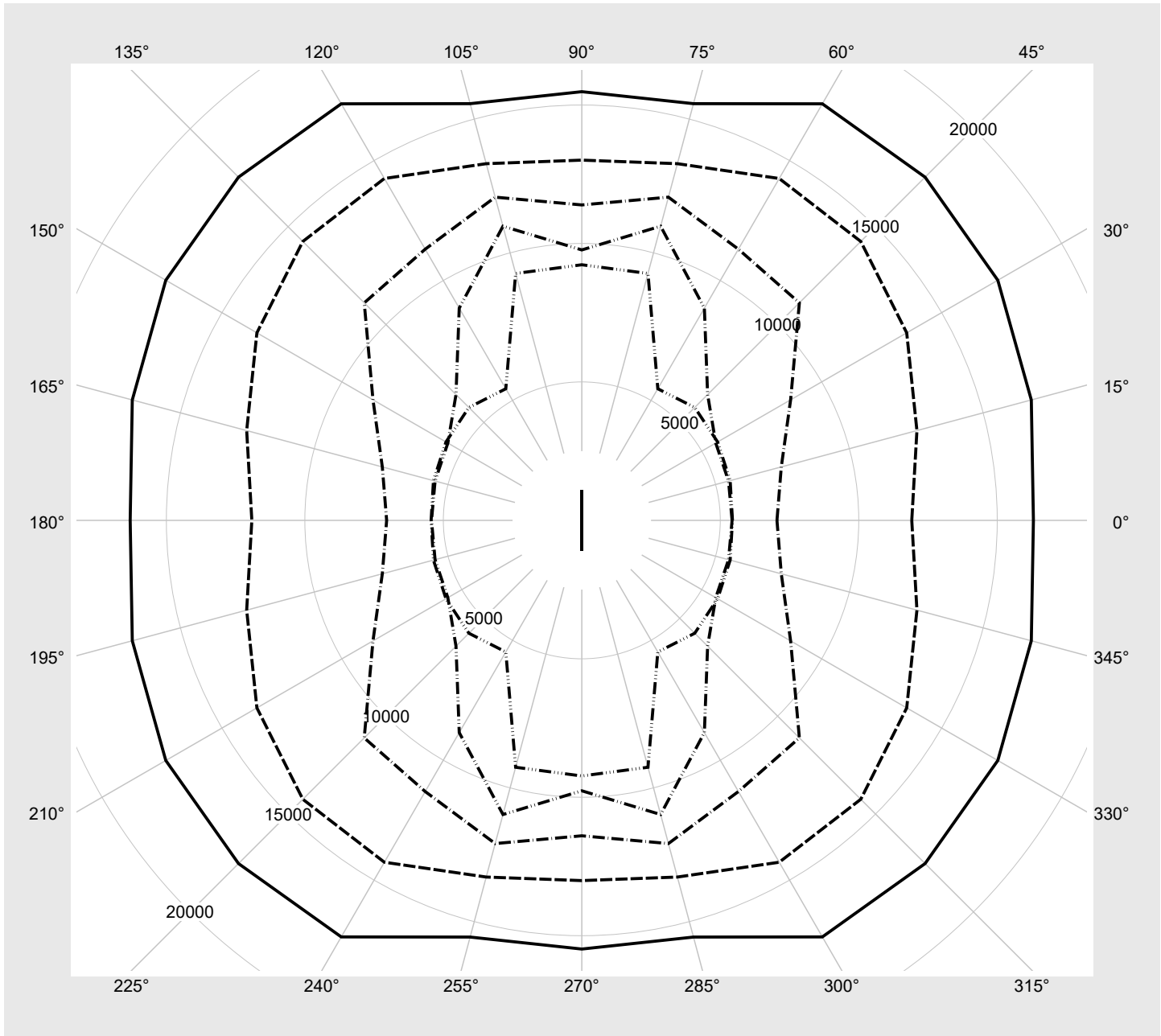
Leuchtdichten-Tabelle Max. für $\gamma \geq 65^\circ$	Lichttechnische Abmessungen in mm: L = 1500 B = 58
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C- Ebenen	γ	Leuchtdichte in cd/m ²							
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°	
45°	60092.3	59361.6	55306.9	49890.7	44617.9	40815.5	39603.2		
50°	39871.3	40129.6	39070.6	35981.1	32937.9	30723.0	30300.5		
55°	28520.1	28708.9	28629.6	27919.4	25898.7	24091.8	23885.2		
60°	21369.6	21711.8	21845.7	22082.7	20952.0	19073.4	18999.0		
65°	16306.7	16803.2	17344.8	17529.4	17371.4	15580.2	15482.3		
70°	11914.3	12527.3	13546.4	14245.4	14257.1	13336.0	13010.3		
75°	7046.7	7457.1	8706.3	11109.8	11308.9	12084.2	11391.8		
80°	5426.3	5485.1	5584.7	6424.5	8851.2	10998.1	9766.8		
85°	5440.4	5545.6	5662.7	5765.9	5488.0	9231.4	9231.4		

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



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Dimmstufen-Tabelle		sITeco
Umgebungstemperatur: 25°C		

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W]
100	254	254	15050	84.6
95	240	252	14294	80.0
90	226	250	13528	75.2
85	213	248	12812	71.0
80	199	245	12029	66.3
75	186	243	11290	62.0
70	173	240	10547	57.8
65	160	237	9793	53.6
60	147	234	9036	49.3
55	134	231	8271	45.1
50	122	227	7553	41.2
45	109	223	6773	37.1
40	97	219	6048	33.2
35	84	213	5250	29.1
30	72	208	4512	25.4
25	60	201	3768	21.6
20	48	193	3016	17.8
15	36	182	2262	14.0
10	24	168	1503	10.2
5	12	142	736	6.5
1	4	102	225	4.1