

Lichttechnischer Prüfbefund

Familie
Licross® 11 Recessed

Bestell-Nr.: 51TL1WDV4M2M
EAN: 4069025081094

LP-Nummer
59521_20



Ausführung Abdeckung satiniert, breit strahlend
Bestückung LED 4000 K | CRI ≥ 80
Betriebsgerät EVG-DALI
Bemessungswerte Nettolichtstrom = 27420 lm
 Systemleistung = 150.5 W
 Lichtausbeute = 182.2 lm/W

Seriendokumentation
25.03.2024

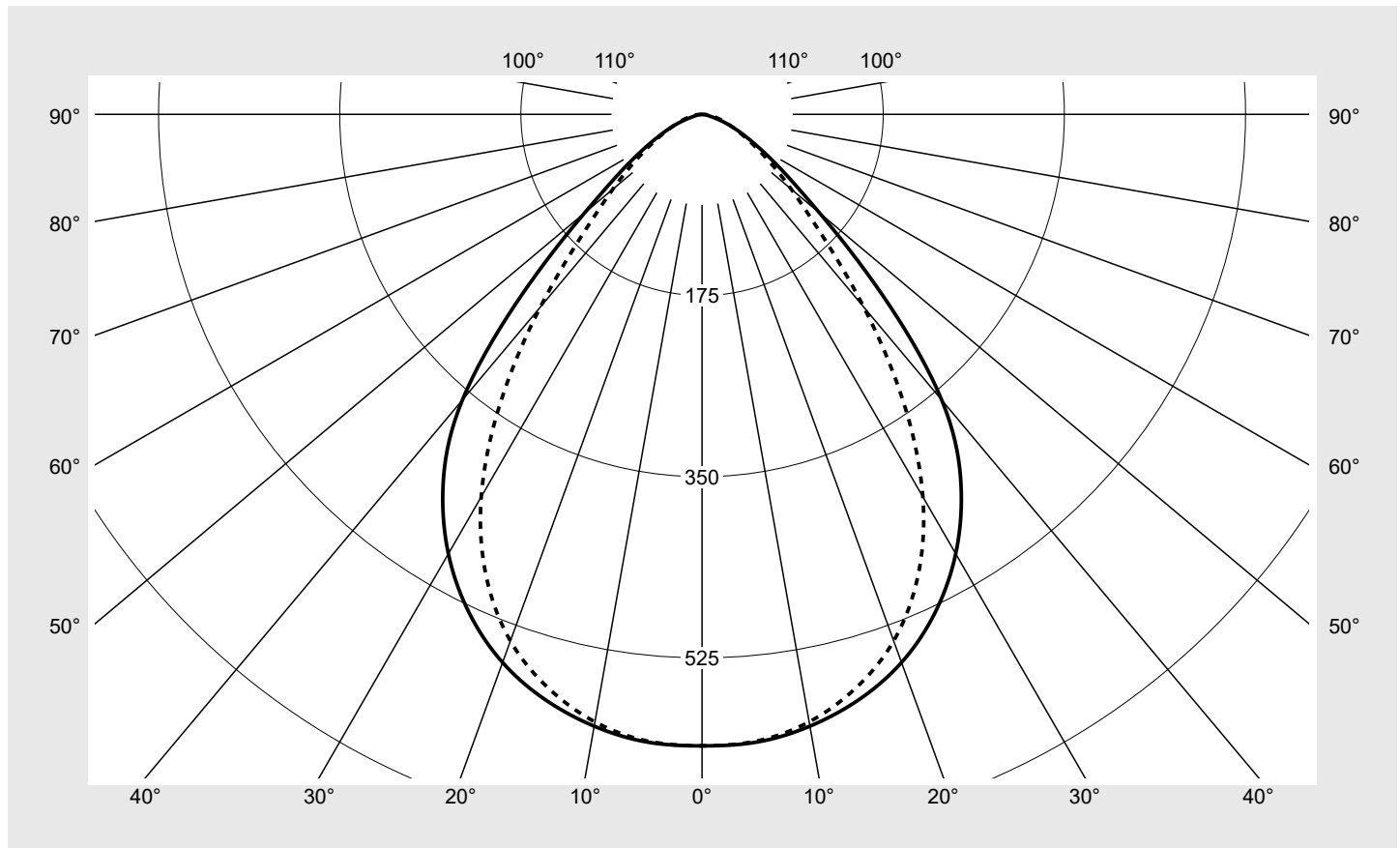
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Lichtstärke in cd/klm

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									
Raumabmessungen		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
x	y										
2H	2H	24,5	26,0	24,9	26,3	26,6	23,2	24,7	23,6	25,0	25,3
	3H	24,8	26,0	25,2	26,4	26,7	23,7	24,9	24,0	25,3	25,6
	4H	24,8	26,0	25,2	26,3	26,7	23,8	25,0	24,2	25,4	25,7
	6H	24,8	25,8	25,2	26,2	26,6	24,0	25,0	24,4	25,4	25,8
	8H	24,9	25,8	25,3	26,2	26,6	24,1	25,0	24,5	25,4	25,8
	12H	24,8	25,7	25,3	26,1	26,5	24,1	25,0	24,5	25,4	25,8
4H	2H	24,7	25,8	25,0	26,2	26,6	23,5	24,7	23,9	25,0	25,4
	3H	25,0	26,0	25,4	26,4	26,8	24,1	25,0	24,5	25,4	25,9
	4H	25,0	25,9	25,5	26,3	26,8	24,3	25,2	24,8	25,6	26,0
	6H	25,1	25,8	25,5	26,2	26,7	24,5	25,3	25,0	25,7	26,2
	8H	25,0	25,7	25,5	26,2	26,6	24,6	25,3	25,1	25,7	26,2
	12H	25,1	25,6	25,6	26,1	26,6	24,7	25,3	25,2	25,7	26,2
8H	4H	25,1	25,7	25,5	26,2	26,7	24,4	25,0	24,8	25,5	26,0
	6H	25,1	25,6	25,6	26,1	26,6	24,6	25,2	25,1	25,6	26,2
	8H	25,1	25,5	25,6	26,0	26,6	24,7	25,2	25,2	25,7	26,2
	12H	25,1	25,5	25,6	26,0	26,5	24,8	25,2	25,4	25,7	26,3
12H	4H	25,1	25,6	25,6	26,1	26,6	24,4	24,9	24,9	25,4	25,9
	6H	25,1	25,5	25,6	26,0	26,5	24,6	25,1	25,1	25,6	26,1
	8H	25,1	25,5	25,6	26,0	26,5	24,7	25,1	25,3	25,6	26,2

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

Lichttechnische Abmessungen in mm: L = 2250, 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°	45°	72989.2	72101.6	67176.7	60598.2	54193.7	49575.2	48102.8
50°	50°	48428.4	48742.2	47455.9	43703.3	40006.9	37316.7	36803.5
55°	55°	34641.1	34870.4	34774.1	33911.4	31457.0	29262.3	29011.4
60°	60°	25955.9	26371.5	26534.2	26822.0	25448.7	23166.9	23076.5
65°	65°	19806.4	20409.5	21067.3	21291.5	21099.6	18923.9	18805.1
70°	70°	14471.3	15215.8	16453.7	17302.7	17316.9	16198.2	15802.5
75°	75°	8559.0	9057.5	10574.8	13494.1	13736.0	14677.7	13836.7
80°	80°	6590.9	6662.3	6783.3	7803.3	10750.9	13358.4	11862.9
85°	85°	6608.0	6735.8	6878.0	7003.4	6665.9	11212.6	11212.6

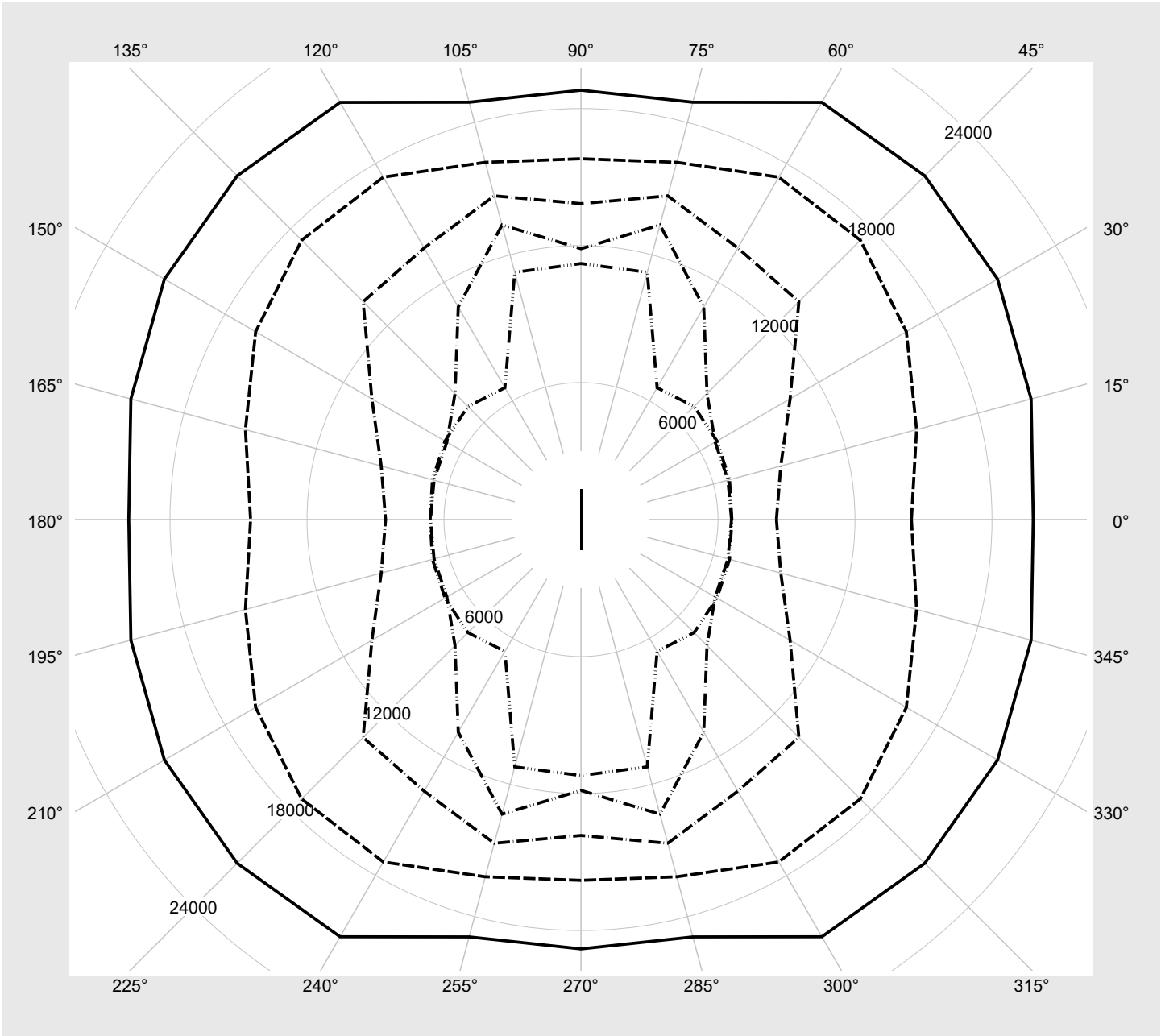
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Leuchtdichten in cd/m²

γ 65°	γ 70°	γ 75°	γ 80°	γ 85°
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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	27420	150.5
95	240	252	26025	141.7
90	226	250	24669	133.0
85	212	247	23276	124.4
80	199	245	21962	116.4
75	185	242	20529	107.9
70	172	240	19183	100.2
65	159	237	17822	92.6
60	146	234	16447	85.0
55	133	230	15061	77.5
50	120	227	13661	70.1
45	108	223	12356	63.2
40	95	218	10926	55.8
35	83	213	9589	49.0
30	71	207	8237	42.2
25	59	201	6872	35.3
20	47	192	5497	28.6
15	35	181	4105	21.7
10	23	166	2700	14.6
5	12	142	1403	7.9
2	4	102	450	2.8