

Lichttechnischer Prüfbefund

Familie
Licross® 11 Protected

Bestell-Nr.: 51TD1BDN69XG
EAN: 4058352059302

LP-Nummer
58522_263



Ausführung Prismenabdeckung, satiniert, breit strahlend
Bestückung LED 6500 K | CRI ≥ 80
Betriebsgerät EVG-DALI
Bemessungswerte Nettolichtstrom = 9140 lm
 Systemleistung = 57.1 W
 Lichtausbeute = 160.1 lm/W

Seriendokumentation
29.01.2024

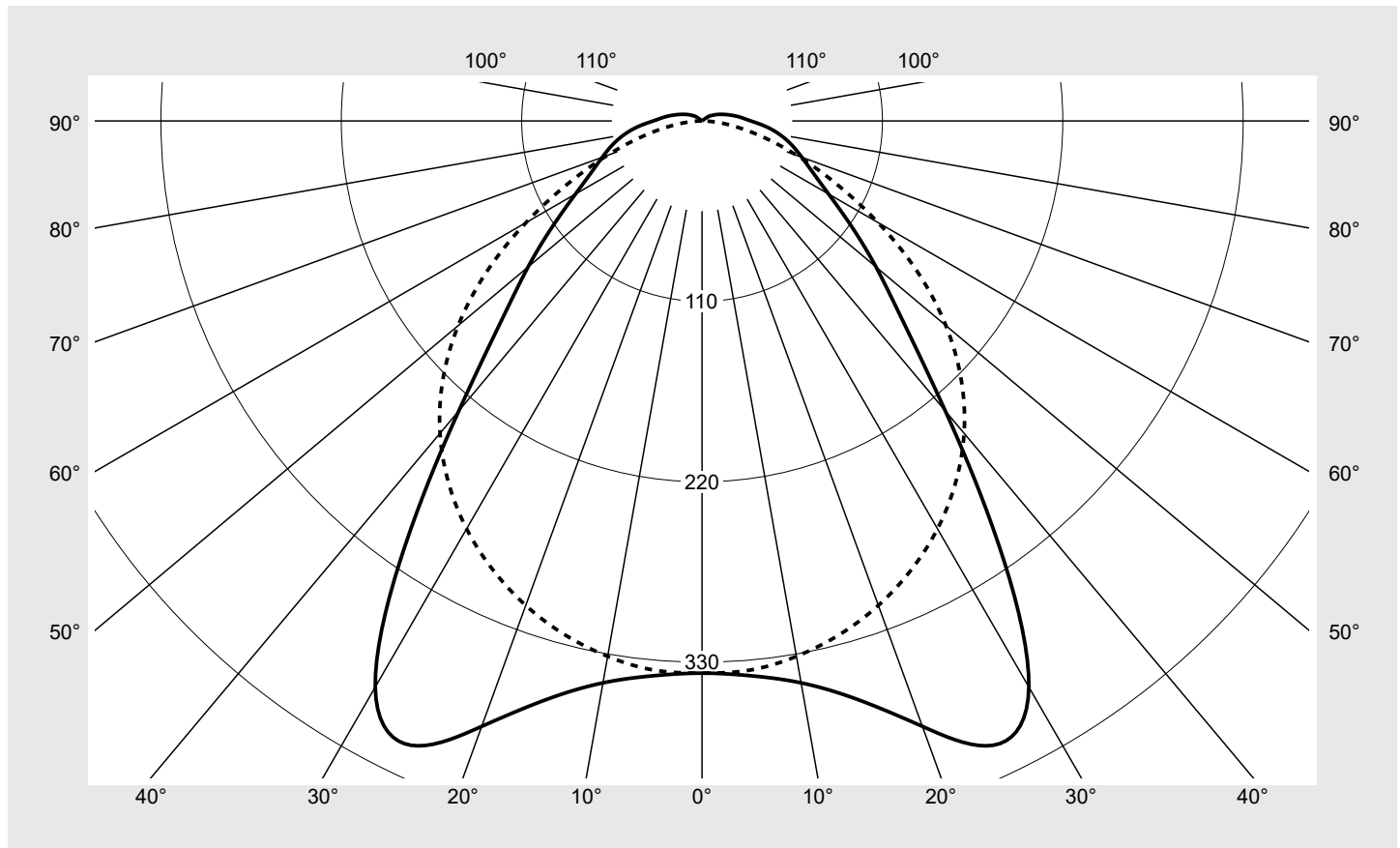
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Lichtstärke in cd/klm

C180-0

C270-90

Imax: 420 cd/klm



Klassifizierungen

DIN 5040 A 4 1
 CIE N1=54 N2=82 N3=95
 N4=97 N5=100

Leuchtenbetriebswirkungsgrade

η_{LB} 100,0%
 ϕ_u 96,8%
 ϕ_o 3,2%

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°				
Lichtstärke in cd/klm								Lichtstrom in lm/klm		
γ										
0°	336.7	336.7	336.7	336.7	336.7	336.7	336.7	2.0	2.0	
5°	339.6	338.6	335.9	336.3	336.9	336.0	336.1	16.1	18.1	
10°	347.9	347.0	341.3	338.0	335.2	332.1	331.5	32.3	50.4	
15°	365.1	363.4	352.6	343.0	333.9	326.3	324.2	48.8	99.2	
20°	392.9	389.6	370.2	350.5	332.5	318.7	314.4	66.1	165.3	
25°	420.1	417.2	393.2	361.7	330.8	309.3	301.9	83.9	249.2	
30°	398.6	403.0	395.6	369.9	329.0	297.6	287.2	97.7	346.8	
35°	315.4	327.2	346.9	353.5	322.7	283.2	269.5	100.9	447.7	
40°	230.7	242.3	270.7	302.4	300.6	265.5	248.6	95.2	542.9	
45°	173.9	182.1	205.6	239.8	258.3	240.0	223.6	85.6	628.5	
50°	138.5	144.5	161.6	188.3	208.7	204.6	194.1	75.2	703.7	
55°	110.6	115.5	130.2	150.3	164.6	163.9	160.4	64.4	768.0	
60°	89.1	92.4	103.6	120.9	128.5	124.9	123.9	53.5	821.6	
65°	74.6	76.3	82.5	95.4	99.4	91.8	89.8	43.7	865.3	
70°	64.8	65.1	66.4	73.4	75.2	65.0	61.7	35.1	900.3	
75°	56.7	56.1	54.1	55.3	54.0	43.4	39.3	27.4	927.8	
80°	48.3	47.2	43.9	40.6	36.4	26.8	21.9	20.7	948.5	
85°	39.1	38.0	34.5	29.4	22.9	14.4	9.1	14.9	963.3	
90°	29.8	28.8	25.7	20.2	13.1	5.8	0.8	9.9	973.3	
95°	24.0	23.5	21.4	16.6	9.9	3.5	0.7	7.9	981.2	
100°	19.2	18.8	17.3	13.3	7.4	1.9	0.6	6.2	987.4	
105°	15.1	14.8	13.6	10.2	5.0	0.8	0.6	4.6	992.0	
110°	11.8	11.3	10.2	7.3	2.9	0.6	0.6	3.3	995.3	
115°	9.0	8.5	7.3	4.7	1.4	0.7	0.7	2.3	997.6	
120°	6.6	6.1	4.9	2.7	0.8	0.7	0.7	1.5	999.1	
125°	4.4	4.0	2.9	1.3	0.7	0.8	0.8	0.9	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	20,9	22,5	21,2	22,8	23,1	22,7	24,4	23,1	24,7	25,0
	3H	22,0	23,5	22,4	23,8	24,2	23,8	25,2	24,1	25,6	25,9
	4H	22,7	24,1	23,1	24,5	24,8	24,1	25,5	24,5	25,8	26,2
	6H	23,5	24,8	23,9	25,1	25,5	24,4	25,6	24,8	26,0	26,4
	8H	23,9	25,1	24,3	25,5	25,9	24,5	25,7	24,9	26,0	26,4
	12H	24,3	25,4	24,7	25,8	26,2	24,5	25,6	24,9	26,0	26,4
4H	2H	21,7	23,1	22,1	23,4	23,8	23,2	24,6	23,6	24,9	25,3
	3H	23,1	24,2	23,5	24,6	25,0	24,5	25,6	24,9	26,0	26,4
	4H	23,9	24,9	24,3	25,3	25,8	25,0	26,0	25,4	26,4	26,9
	6H	24,8	25,7	25,2	26,1	26,6	25,3	26,2	25,8	26,7	27,1
	8H	25,2	26,1	25,7	26,5	27,0	25,4	26,3	25,9	26,7	27,2
	12H	25,7	26,5	26,2	26,9	27,4	25,5	26,3	26,0	26,7	27,2
8H	4H	24,3	25,1	24,7	25,6	26,0	25,2	26,1	25,7	26,5	27,0
	6H	25,4	26,1	25,8	26,5	27,0	25,8	26,5	26,2	26,9	27,4
	8H	25,9	26,6	26,4	27,1	27,6	26,0	26,6	26,5	27,1	27,6
	12H	26,6	27,1	27,1	27,6	28,2	26,1	26,7	26,6	27,2	27,7
12H	4H	24,4	25,1	24,8	25,6	26,1	25,3	26,1	25,8	26,5	27,0
	6H	25,5	26,1	26,0	26,6	27,1	25,9	26,5	26,4	27,0	27,5
	8H	26,1	26,7	26,7	27,2	27,7	26,1	26,7	26,7	27,2	27,7

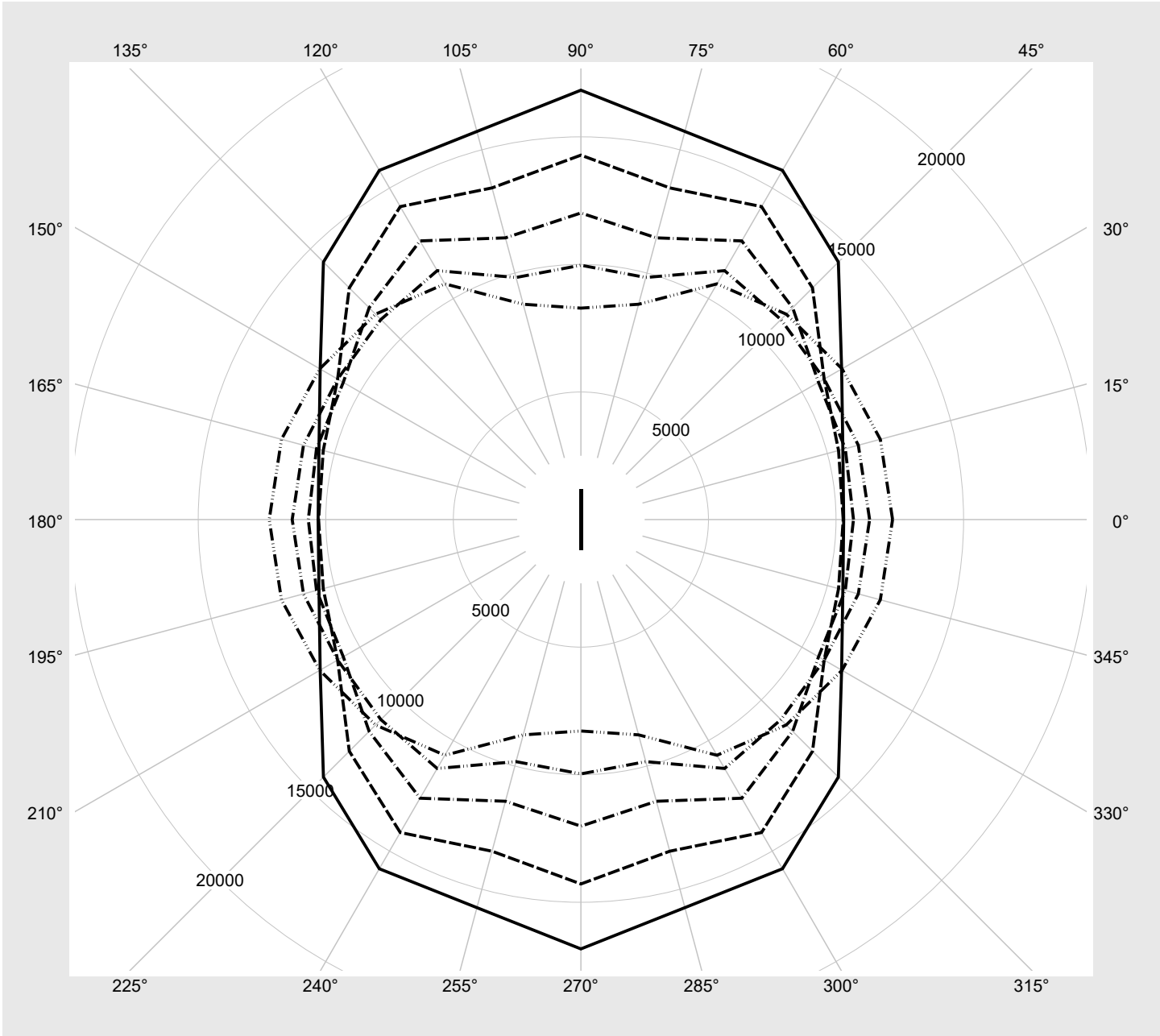
Leuchtdichten-Tabelle Max. für $\gamma \geq 65^\circ$	Lichttechnische Abmessungen in mm: L = 1480, B = 78	H(C0) = 13, H(C90) = 0	H(C180) = 13, H(C270) = 0
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C-Ebenen	γ	Leuchtdichte in cd/m ²							
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°	
45°		16687.3	17563.7	20116.1	24019.3	26692.4	25759.4	25038.7	
50°		14230.4	14930.2	16985.4	20339.1	23382.9	23974.5	23911.1	
55°		12327.5	12961.7	14905.1	17758.8	20307.9	21311.3	22137.1	
60°		10952.3	11442.4	13124.0	15895.4	17781.9	18400.7	19626.3	
65°		10300.5	10630.0	11800.8	14272.6	15803.9	15747.3	16828.1	
70°		10282.2	10455.9	11012.2	12839.4	14163.0	13457.7	14282.4	
75°		10685.3	10729.7	10755.4	11739.4	12611.3	11430.2	12016.4	
80°		11316.9	11258.2	11011.8	11088.3	11265.0	9822.9	9968.5	
85°		12217.1	12150.9	11819.5	11384.4	10667.2	8736.6	8286.7	

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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	9140	57.1
95	240	252	8676	53.8
90	227	250	8241	50.9
85	213	248	7766	47.7
80	200	245	7322	44.8
75	186	243	6841	41.7
70	173	240	6388	38.7
65	160	237	5932	35.9
60	147	234	5474	33.0
55	134	231	5011	30.1
50	122	227	4578	27.5
45	109	223	4107	24.7
40	97	219	3669	22.2
35	84	213	3191	19.5
30	72	208	2743	17.0
25	60	201	2294	14.5
20	48	193	1842	11.9
15	36	182	1385	9.4
10	24	168	925	6.9
5	12	142	459	4.5
2	4	102	148	3.0