

Lichttechnischer Prüfbefund

Familie
Licross® 21 Protected

Bestell-Nr.: 52TD1BMN4AXG
EAN: 4058352903322

LP-Nummer
58522_241



Ausführung Prismenabdeckung, satiniert, breit strahlend
Bestückung LED 4000 K | CRI ≥ 80
Betriebsgerät EVG-Multilumen
Bemessungswerte Nettolichtstrom = 10100 lm
 Systemleistung = 60.5 W
 Lichtausbeute = 166.9 lm/W

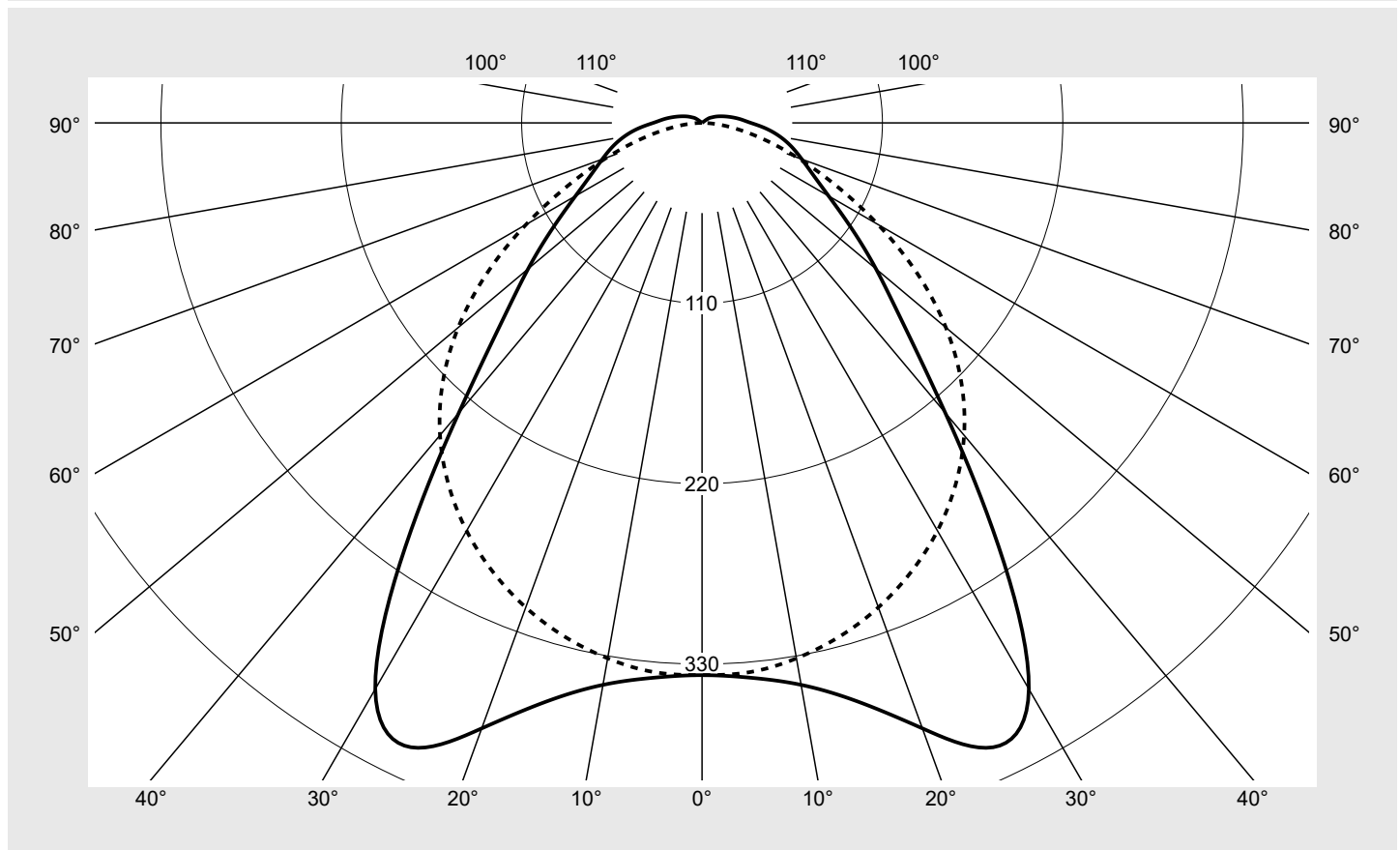
Seriendokumentation
24.08.2023

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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°			
γ									
Lichtstärke in cd/klm									
Lichtstrom in lm/klm									
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	21,2	22,8	21,6	23,2	23,5	23,1	24,7	23,4	25,0	25,3
	3H	22,4	23,8	22,7	24,2	24,5	24,1	25,6	24,5	25,9	26,3
	4H	23,1	24,5	23,5	24,8	25,2	24,5	25,8	24,9	26,2	26,6
	6H	23,8	25,1	24,2	25,5	25,9	24,7	26,0	25,1	26,3	26,7
	8H	24,2	25,4	24,7	25,8	26,2	24,8	26,0	25,2	26,4	26,8
	12H	24,6	25,8	25,1	26,1	26,6	24,9	26,0	25,3	26,4	26,8
4H	2H	22,1	23,4	22,4	23,8	24,2	23,5	24,9	23,9	25,3	25,6
	3H	23,4	24,6	23,8	25,0	25,4	24,8	26,0	25,2	26,4	26,8
	4H	24,2	25,3	24,6	25,7	26,1	25,3	26,4	25,7	26,8	27,2
	6H	25,1	26,0	25,6	26,5	26,9	25,7	26,6	26,1	27,0	27,5
	8H	25,6	26,4	26,0	26,9	27,4	25,8	26,6	26,2	27,1	27,6
	12H	26,1	26,8	26,6	27,3	27,8	25,9	26,6	26,4	27,1	27,6
8H	4H	24,6	25,5	25,1	25,9	26,4	25,6	26,4	26,0	26,9	27,3
	6H	25,7	26,4	26,2	26,9	27,4	26,1	26,8	26,6	27,3	27,8
	8H	26,3	26,9	26,8	27,4	27,9	26,3	26,9	26,8	27,4	27,9
	12H	26,9	27,5	27,4	28,0	28,5	26,5	27,0	27,0	27,5	28,0
12H	4H	24,7	25,5	25,2	25,9	26,4	25,6	26,4	26,1	26,9	27,3
	6H	25,8	26,5	26,3	26,9	27,5	26,2	26,8	26,7	27,3	27,8
	8H	26,5	27,0	27,0	27,5	28,1	26,5	27,0	27,0	27,5	28,1

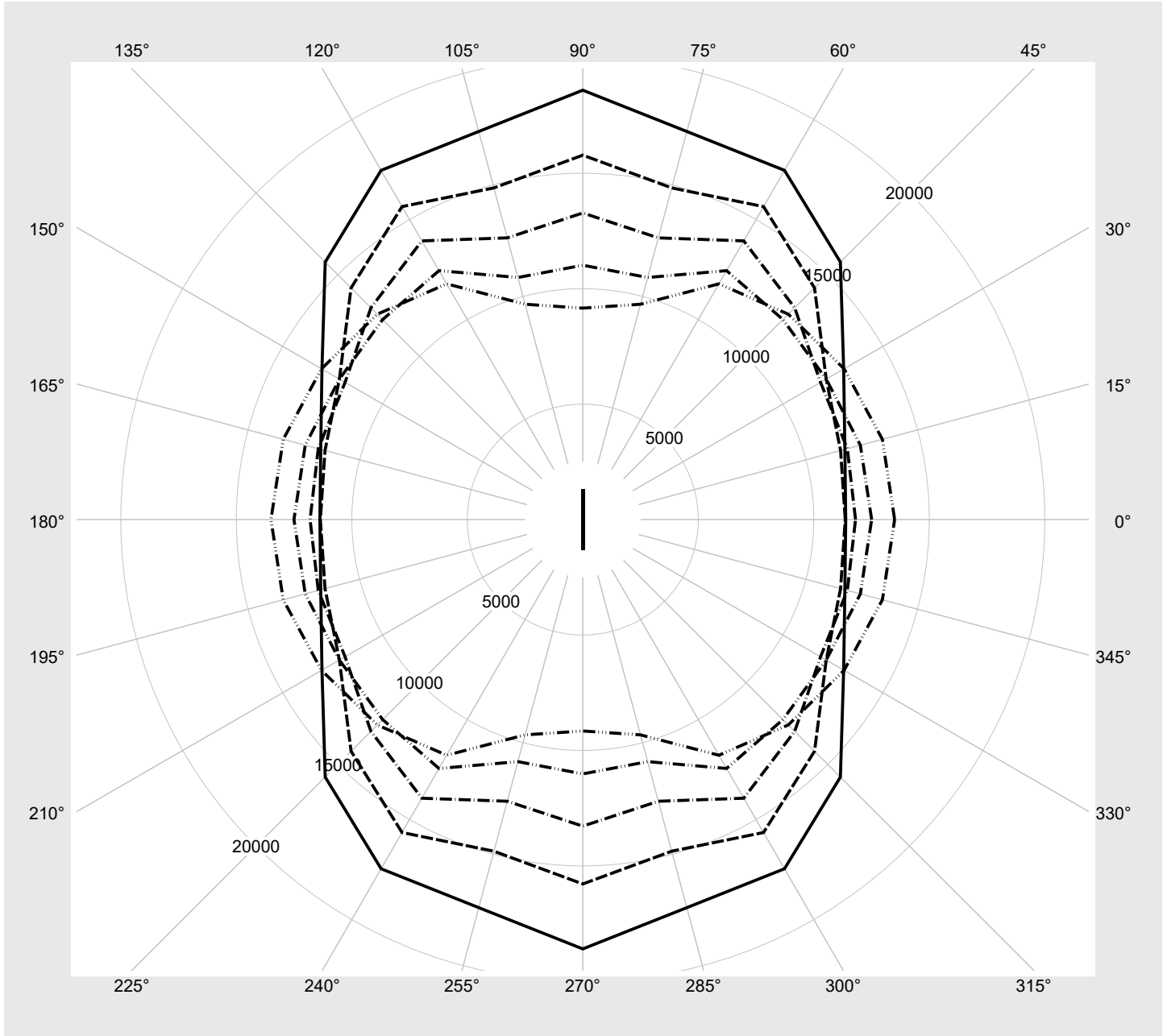
Leuchtdichten-Tabelle Max. für $\gamma \geq 65^\circ$	Lichttechnische Abmessungen in mm: L = 1480 B = 78	H(C0) = 13	H(C180) = 13	H(C90) = 0	H(C270) = 0
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C-Ebenen	γ	Leuchtdichte in cd/m ²							
		0° 180°	15° 165° 195° 345°	30° 150° 210° 330°	45° 135° 225° 315°	60° 120° 240° 300°	75° 105° 255° 285°	90° 270°	
45°		18440.0	19408.5	22229.0	26542.2	29496.0	28464.9	27668.6	
50°		15725.0	16498.4	18769.4	22475.3	25838.9	26492.6	26422.5	
55°		13622.3	14323.1	16470.6	19624.1	22440.9	23549.6	24462.3	
60°		12102.6	12644.3	14502.4	17564.9	19649.6	20333.3	21687.7	
65°		11382.4	11746.5	13040.2	15771.7	17463.9	17401.3	18595.6	
70°		11362.2	11554.1	12168.8	14187.9	15650.6	14871.2	15782.6	
75°		11807.6	11856.7	11885.1	12972.5	13935.9	12630.8	13278.6	
80°		12505.6	12440.6	12168.4	12252.9	12448.2	10854.6	11015.5	
85°		13500.3	13427.1	13061.0	12580.2	11787.6	9654.2	9157.1	

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



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Multilumen-Tabelle

Umgebungstemperatur: 25°C

SITECO

DIP-Stufe	Schalterstellung			Lichtstrom [lm]	Systemleistung [W]
	1	2	3		
1	A	C	E	10100	60.5
2	A	C	F	9271	56.1
3	A	D	E	8809	53.1
4	A	D	F	8347	50.0
5	B	C	E	7874	47.0
6	B	C	F	7402	43.9
7	B	D	E	6919	41.0
8	B	D	F	6509	38.4