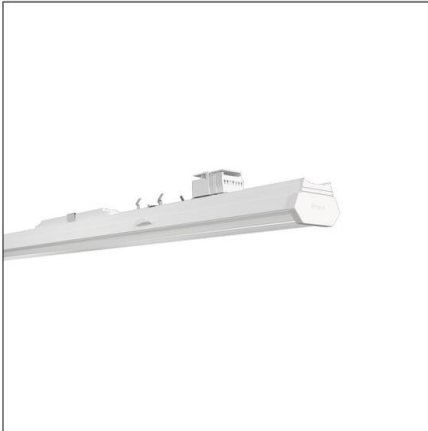


## Lichttechnischer Prüfbefund

**Familie**  
**Licross® 11 Protected**

**Bestell-Nr.: 51TD1BCN6CXM**  
**EAN: 4069025497093**

**LP-Nummer**  
**58521\_188**



**Ausführung** Prismenabdeckung, satiniert, breit strahlend  
**Bestückung** LED 6500 K | CRI ≥ 80  
**Betriebsgerät** EVG-Multilumen CLOi  
**Bemessungswerte** Nettolichtstrom = 12320 lm  
 Systemleistung = 71.9 W  
 Lichtausbeute = 171.3 lm/W

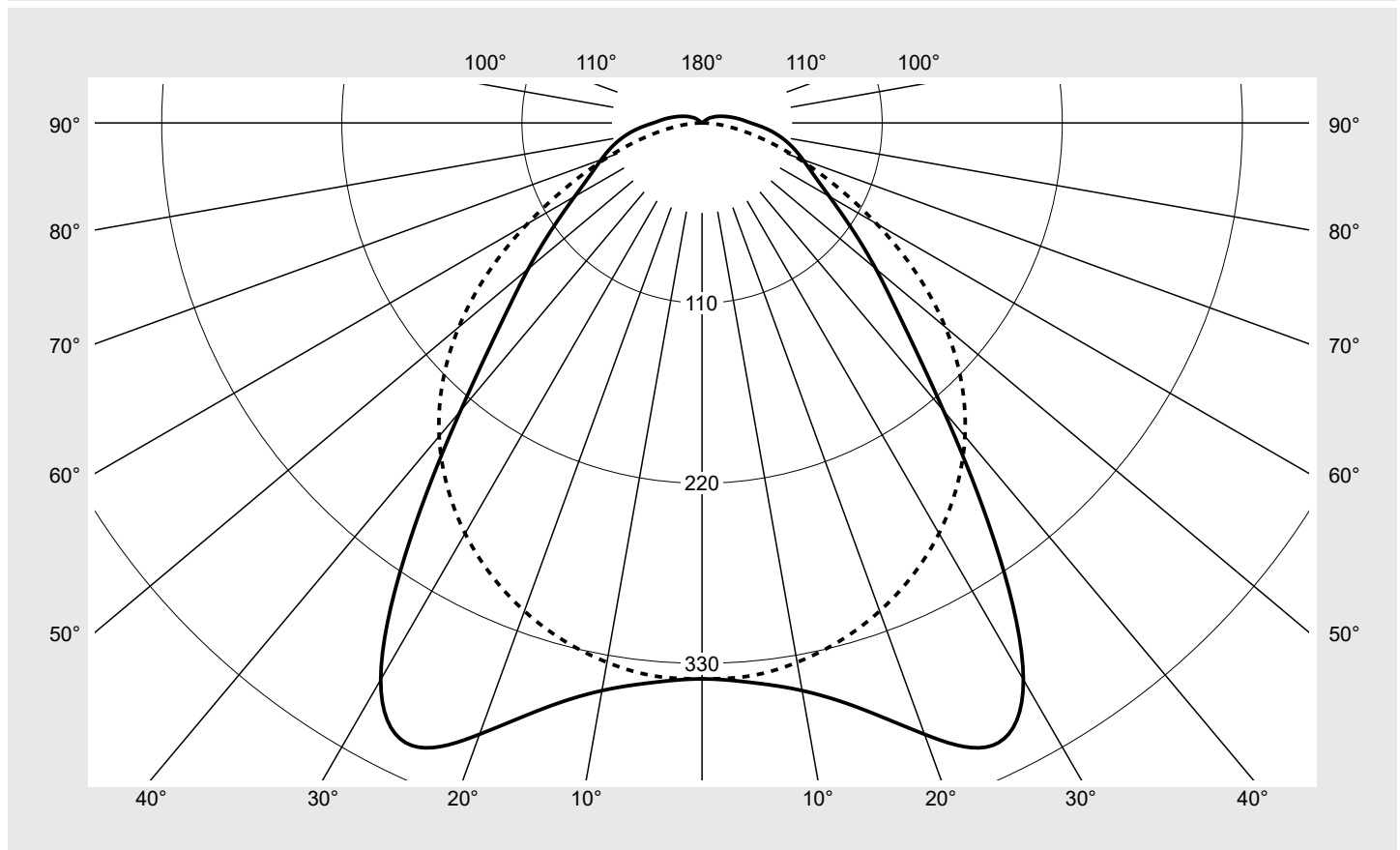
**Seriendokumentation**  
**15.07.2025**

**siteco**

**Lichtstärke in cd/klm**

**C180-0** **C270-90**

**Imax: 419 cd/klm**



**Klassifizierungen**

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

**Leuchtenbetriebswirkungsgrade**

$\eta_{LB}$  100,0%  
 $\phi_u$  96,8%  
 $\phi_o$  3,2%

**Messbedingungen**

DIN EN 13032 und DIN 5032

## Lichttechnischer Prüfbefund

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<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>sITeco</b>

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°	339.5	339.5	339.5	339.5	339.5	339.5	339.5	2.0	2.0
5°	343.0	342.0	339.2	339.3	339.7	338.8	338.9	16.2	18.3
10°	352.0	350.9	345.1	341.6	338.4	335.1	334.4	32.6	50.9
15°	369.7	367.9	356.8	346.8	337.2	329.4	327.1	49.3	100.2
20°	397.2	393.9	374.9	354.6	335.9	321.8	317.2	66.8	167.0
25°	419.5	416.9	395.3	365.3	334.4	312.1	304.6	84.4	251.4
30°	392.5	397.1	392.3	370.7	332.1	300.1	289.4	97.4	348.9
35°	311.0	322.2	341.8	350.7	323.8	285.3	271.2	100.3	449.2
40°	229.5	240.6	267.7	298.9	299.5	266.8	249.8	94.7	543.9
45°	174.0	182.0	204.5	237.4	256.3	239.9	224.1	85.2	629.1
50°	138.5	144.4	161.2	187.1	207.0	203.8	193.9	74.9	704.0
55°	110.9	115.6	129.9	149.5	163.4	162.9	159.6	64.1	768.1
60°	89.8	92.9	103.5	120.2	127.5	124.1	123.1	53.4	821.5
65°	75.3	77.0	82.7	94.9	98.6	91.3	89.2	43.6	865.1
70°	65.6	65.8	66.8	73.1	74.5	64.6	61.3	35.1	900.1
75°	57.2	56.6	54.5	55.3	53.6	43.2	39.2	27.5	927.6
80°	48.6	47.5	44.1	40.6	36.2	26.8	21.9	20.7	948.4
85°	39.1	38.1	34.6	29.4	22.8	14.4	9.2	14.9	963.2
90°	29.7	28.9	25.8	20.2	13.1	5.9	0.8	10.0	973.2
95°	24.0	23.5	21.5	16.6	10.0	3.6	0.7	8.0	981.2
100°	19.1	18.8	17.3	13.3	7.4	1.9	0.7	6.2	987.3
105°	15.1	14.8	13.5	10.2	5.0	0.8	0.6	4.6	991.9
110°	11.8	11.4	10.2	7.3	2.9	0.6	0.6	3.3	995.3
115°	9.1	8.6	7.4	4.7	1.4	0.7	0.7	2.3	997.5
120°	6.7	6.2	4.9	2.7	0.8	0.7	0.8	1.5	999.1
125°	4.5	4.0	2.9	1.3	0.8	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	21,9	23,5	22,2	23,8	24,1	23,7	25,4	24,1	25,7	26,0
	3H	23,1	24,6	23,5	24,9	25,2	24,8	26,2	25,1	26,6	26,9
	4H	23,8	25,2	24,2	25,5	25,9	25,1	26,5	25,5	26,8	27,2
	6H	24,5	25,8	24,9	26,2	26,6	25,4	26,6	25,8	27,0	27,4
	8H	25,0	26,2	25,4	26,5	26,9	25,5	26,7	25,9	27,0	27,4
	12H	25,3	26,5	25,8	26,9	27,3	25,5	26,6	26,0	27,0	27,5
4H	2H	22,7	24,1	23,1	24,5	24,8	24,2	25,6	24,6	25,9	26,3
	3H	24,1	25,3	24,5	25,7	26,1	25,5	26,6	25,9	27,0	27,4
	4H	24,9	26,0	25,4	26,4	26,8	26,0	27,0	26,4	27,4	27,9
	6H	25,8	26,8	26,3	27,2	27,6	26,3	27,2	26,8	27,7	28,1
	8H	26,3	27,2	26,8	27,6	28,1	26,4	27,3	26,9	27,7	28,2
	12H	26,8	27,5	27,3	28,0	28,5	26,5	27,3	27,0	27,8	28,2
8H	4H	25,3	26,2	25,8	26,6	27,1	26,2	27,1	26,7	27,5	28,0
	6H	26,4	27,1	26,9	27,6	28,1	26,8	27,5	27,2	27,9	28,4
	8H	27,0	27,7	27,5	28,1	28,6	27,0	27,6	27,5	28,1	28,6
	12H	27,7	28,2	28,2	28,7	29,2	27,1	27,7	27,7	28,2	28,7
12H	4H	25,4	26,2	25,9	26,6	27,1	26,3	27,1	26,8	27,5	28,0
	6H	26,6	27,2	27,1	27,6	28,2	26,9	27,5	27,4	28,0	28,5
	8H	27,2	27,7	27,7	28,2	28,8	27,2	27,7	27,7	28,2	28,7

<b>Leuchtdichten-Tabelle</b> Max. für $\gamma \geq 65^\circ$	<b>Lichttechnische Abmessungen in mm:</b> L = 1480 B = 78	H(C0) = 13	H(C180) = 13	H(C90) = 0	H(C270) = 0
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C-Ebenen	$\gamma$	Leuchtdichte in cd/m <sup>2</sup>						
		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°		22509.2	23654.3	26976.9	32053.8	35710.6	34707.6	33818.4
50°		19190.4	20118.2	22840.9	27231.7	31265.3	32184.6	32193.1
55°		16661.7	17486.4	20040.7	23806.0	27165.1	28555.9	29688.6
60°		14868.5	15504.4	17675.9	21300.4	23783.6	24655.7	26267.5
65°		14014.9	14445.5	15944.1	19123.1	21125.1	21097.9	22518.8
70°		14029.8	14233.7	14924.5	17235.5	18915.2	18032.5	19142.4
75°		14540.0	14586.7	14599.0	15828.4	16870.4	15342.8	16172.9
80°		15340.3	15259.0	14908.0	14966.1	15125.9	13224.6	13485.3
85°		16481.2	16407.7	15972.9	15344.8	14319.5	11809.1	11292.3

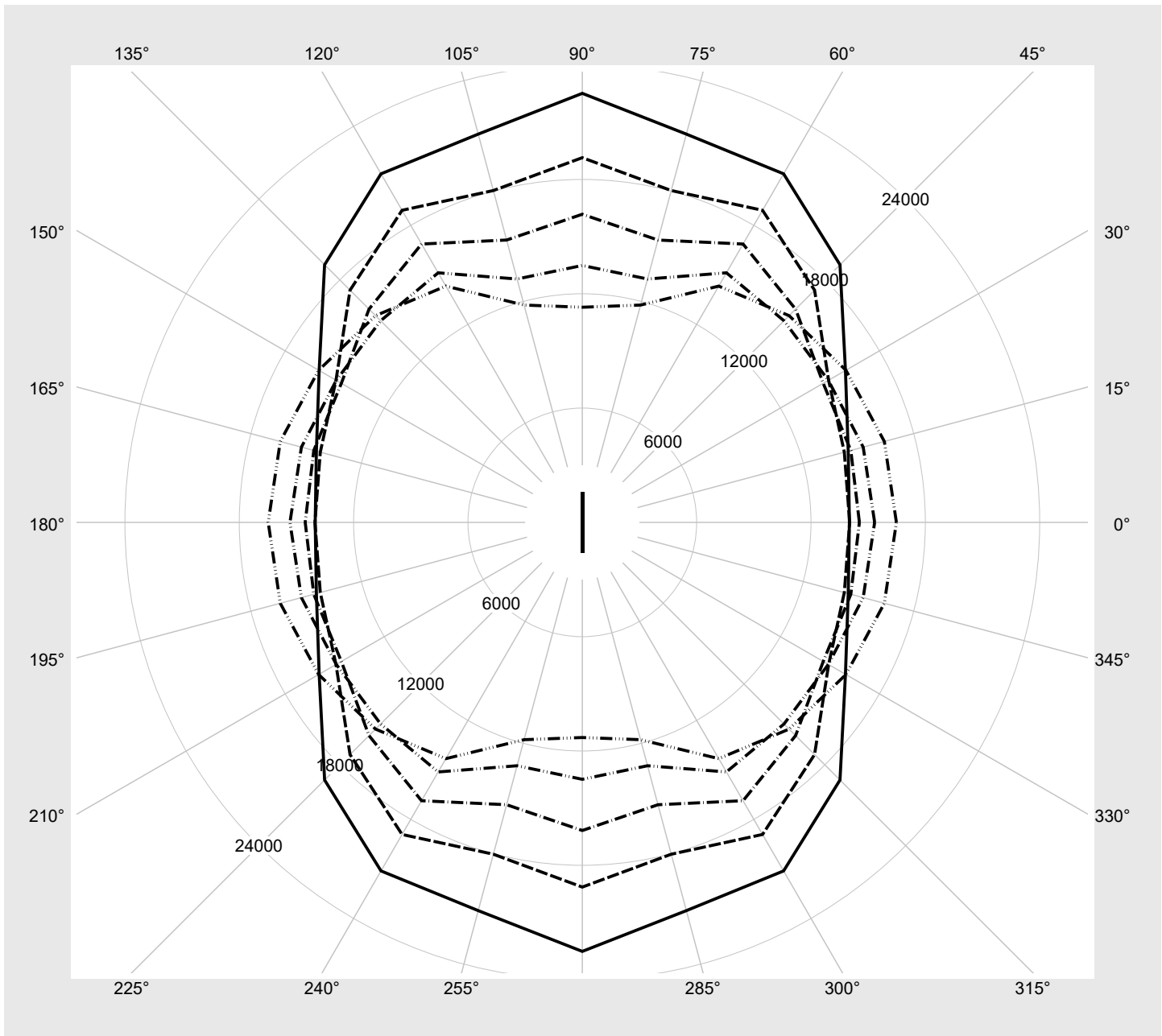
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**Leuchtdichten in cd/m²**

$\gamma$ 65°	$\gamma$ 70°	$\gamma$ 75°	$\gamma$ 80°	$\gamma$ 85°
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## Lichttechnischer Prüfbefund

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<b>Multilumen-Tabelle</b>	Umgebungstemperatur: 25°C	<b>sITeco</b>
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DIP-Stufe	Schalterstellung			Lichtstrom [lm]	Systemleistung [W]	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
	1	2	3				
1	A	C	E	12320	71.9	75.8	73.8
2	A	C	F	10800	62.2	65.3	63.8
3	A	D	E	9820	56.1	59.1	57.6
4	A	D	F	8900	50.5	53.1	51.8
5	B	C	E	7900	44.5	46.6	45.6
6	B	C	F	6950	39.0	41.1	40.0
7	B	D	E	5930	33.1	34.8	34.0
8	B	D	F	4970	27.7	29.0	28.4