

Lichttechnischer Prüfbefund

Familie
Licross® 11 Recessed

Bestell-Nr.: 51TL1DCN485G
EAN: 4058352056639

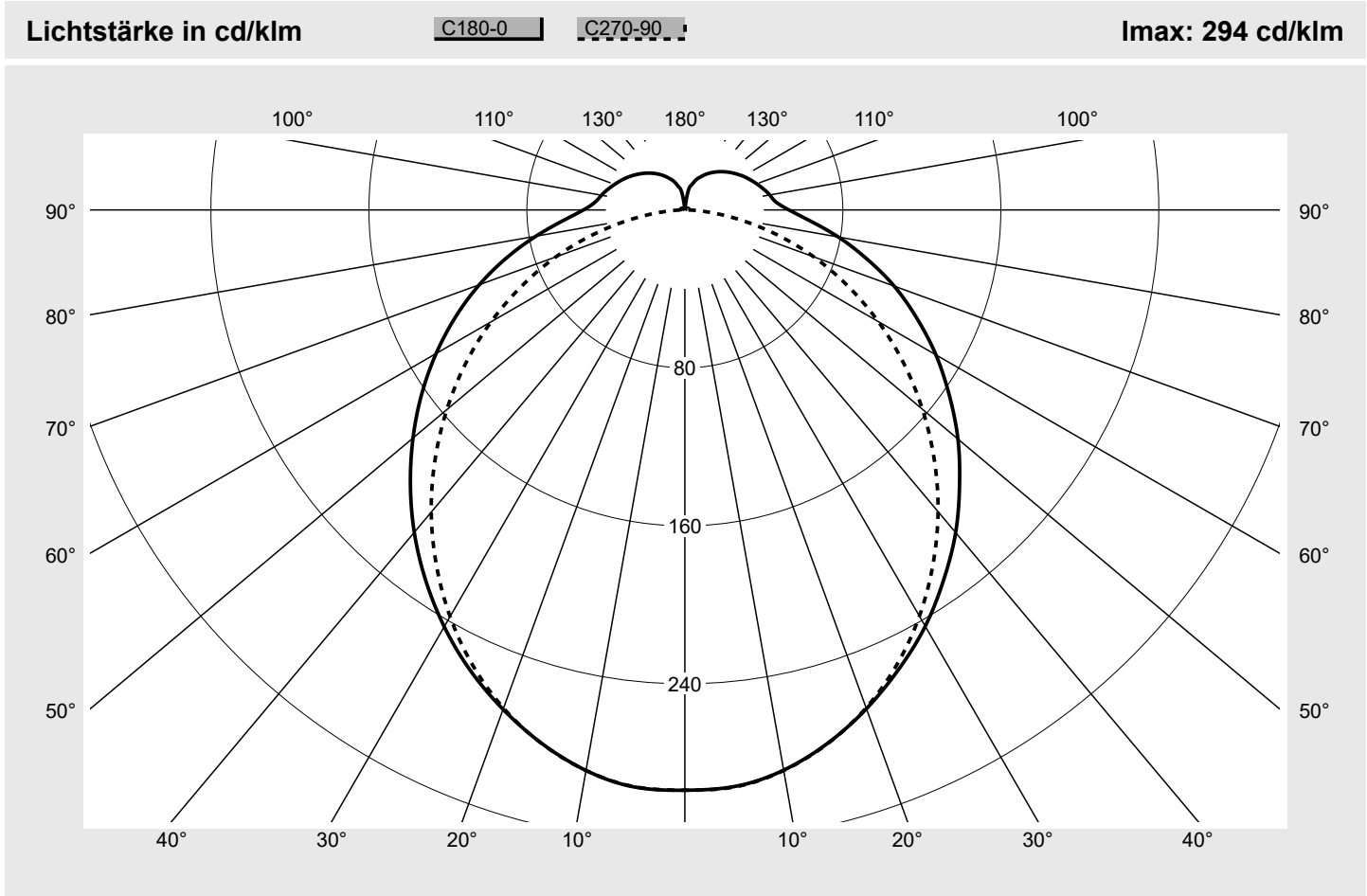
LP-Nummer
59520_282



Ausführung Abdeckung, opal, direkt-/ indirekt strahlend, diffus
Bestückung LED 4000 K | CRI ≥ 80
Betriebsgerät EVG-Multilumen CLOi
Bemessungswerte Nettolichtstrom = 8820 lm
Systemleistung = 49.3 W
Lichtausbeute = 178.9 lm/W

Seriodokumentation
14.11.2025





Klassifizierungen		Leuchtenbetriebswirkungsgrade	
DIN 5040	B 3 1	ηLB	100,0%
CIE	N1=44 N2=73 N3=91	ϕ _u	87,4%
	N4=87 N5=100	ϕ _o	12,6%

Messbedingungen
DIN EN 13032 und DIN 5032

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Familie Licross® 11 Recessed	Bestell-Nr.: 51TL1DCN485G EAN: 4058352056639	LP-Nummer 59520_282
Wertetabelle Lichtstärkemessung	Maximale Lichtstärke	siteco

C- Ebenen	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°	165°	180°
γ	Lichtstärke in cd/klm												
0°	293.9	293.9	293.9	293.9	293.9	293.9	293.9	293.9	293.9	293.9	293.9	293.9	293.9
5°	293.1	292.7	289.9	291.0	293.1	293.0	293.3	293.1	293.1	292.5	291.2	291.6	293.4
10°	288.1	287.8	285.0	286.0	288.1	287.9	288.3	288.0	288.0	287.5	286.2	286.7	288.3
15°	279.6	279.4	276.6	277.6	279.6	279.4	279.8	279.5	279.5	279.0	277.7	278.4	279.8
20°	268.8	268.4	265.5	266.2	268.1	267.8	268.3	268.1	268.0	267.5	266.6	267.8	269.2
25°	256.5	256.4	252.9	252.4	253.9	253.4	254.1	253.8	253.8	253.6	254.0	255.9	257.2
30°	243.5	242.9	239.1	237.4	237.4	236.9	237.6	237.4	237.5	238.5	240.0	242.5	243.7
35°	228.6	228.2	223.9	221.1	219.2	218.5	219.1	218.9	219.7	221.9	224.6	227.5	228.9
40°	213.3	212.5	208.1	204.0	200.4	198.8	199.5	199.5	201.1	204.3	208.6	211.7	213.2
45°	196.7	195.9	191.2	185.9	180.8	177.8	178.6	178.3	181.6	186.0	191.4	194.8	196.6
50°	180.5	179.0	174.4	167.8	161.5	156.5	157.0	156.9	161.7	167.6	173.9	177.7	179.7
55°	163.4	162.0	157.2	149.2	141.7	135.1	135.2	135.5	141.8	149.1	156.1	160.5	162.7
60°	146.8	144.8	139.8	131.0	122.1	114.1	113.1	114.2	121.9	130.6	138.3	143.3	145.4
65°	129.6	127.7	122.3	112.9	103.0	93.4	91.0	93.7	102.6	112.1	120.5	126.2	128.1
70°	112.8	110.6	104.4	95.0	83.9	73.2	69.4	73.2	83.4	93.6	102.3	109.1	110.8
75°	95.2	93.5	86.3	76.8	64.8	53.0	48.0	53.1	64.1	74.9	84.3	91.4	93.3
80°	78.9	76.8	69.4	59.0	47.0	34.5	28.0	34.2	45.8	57.3	67.7	74.1	76.6
85°	63.7	61.7	54.7	44.0	31.4	18.8	11.3	18.6	30.6	42.7	52.6	59.2	61.9
90°	52.7	50.3	47.2	33.6	21.8	9.7	1.7	9.7	21.3	32.8	42.6	49.1	51.4
95°	46.3	44.0	38.4	29.9	19.4	8.9	1.8	8.9	19.3	29.6	38.3	43.8	45.6
100°	43.6	41.6	36.5	28.4	19.0	9.0	2.1	8.7	18.6	27.9	35.8	41.3	42.9
105°	41.1	39.4	34.3	27.0	18.2	9.1	2.1	8.8	17.9	26.7	33.7	38.6	40.4
110°	38.7	36.7	32.3	25.7	17.6	9.2	2.0	8.7	17.0	25.1	31.7	36.0	37.9
115°	36.4	34.4	30.4	24.3	17.0	9.3	1.9	8.8	16.4	23.6	29.8	33.7	35.5
120°	34.1	32.2	28.7	23.1	16.5	9.4	1.8	8.8	15.7	22.3	27.9	31.4	33.2
125°	31.8	30.1	26.8	21.8	15.8	9.4	1.6	8.8	15.0	21.0	26.0	29.2	30.9
130°	29.6	27.9	25.1	20.7	15.3	9.5	1.4	8.7	14.3	19.7	24.1	27.1	28.6
135°	27.4	25.8	23.3	19.5	14.6	8.1	1.3	7.6	13.7	18.5	22.3	24.9	26.4
140°	25.2	23.7	21.6	18.3	13.6	7.0	1.3	6.4	12.7	17.1	20.5	22.8	24.2
145°	23.0	21.6	19.8	16.6	12.1	6.4	1.2	5.9	11.1	15.6	18.8	20.7	21.9
150°	20.7	19.6	18.1	14.3	11.0	6.2	1.3	6.0	9.5	13.3	16.9	18.6	19.6
155°	18.4	17.4	15.6	12.5	8.2	5.5	1.3	5.2	7.5	11.1	14.5	16.4	17.3
160°	16.1	15.3	12.6	10.0	7.9	5.1	1.4	4.6	6.8	7.9	11.7	14.3	14.9
165°	13.1	12.1	8.6	7.8	8.1	5.4	1.4	4.8	6.9	7.0	6.9	11.2	12.1
170°	9.8	7.7	7.3	8.0	6.5	2.9	1.4	2.2	5.4	6.7	6.3	6.6	8.9
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Familie Licross® 11 Recessed				Bestell-Nr.: 51TL1DCN485G EAN: 4058352056639								LP-Nummer 59520_282	
Wertetabelle Lichtstärkemessung												siteco	
C- Ebenen	195°	210°	225°	240°	255°	270°	285°	300°	315°	330°	345°	Phi-Zone	Summe Phi-Zone
γ	Maximale Lichtstärke											Lichtstrom in lm/klm	
0°	293.9	293.9	293.9	293.9	293.9	293.9	293.9	293.9	293.9	293.9	293.9	1.8	1.8
5°	292.9	289.8	290.9	292.8	292.8	293.2	292.8	292.9	292.3	291.2	292.0	14.0	15.7
10°	288.0	285.0	285.8	287.9	287.8	288.3	287.9	288.0	287.3	286.3	287.0	27.3	43.1
15°	279.5	276.7	277.5	279.4	279.4	279.9	279.5	279.5	278.9	277.9	279.0	39.6	82.6
20°	268.9	265.7	266.2	268.0	267.9	268.5	268.2	268.1	267.5	266.6	267.7	50.2	132.8
25°	256.9	253.4	252.5	253.8	253.6	254.3	254.0	254.0	253.5	253.8	256.1	58.9	191.7
30°	243.4	239.6	237.7	237.4	237.1	237.8	237.6	237.8	238.3	239.7	242.3	65.6	257.3
35°	228.5	224.4	221.4	219.4	218.7	219.4	219.3	219.8	221.8	224.6	228.0	70.0	327.3
40°	212.7	208.2	204.2	200.7	198.9	199.8	199.8	201.1	204.3	208.6	211.9	72.3	399.6
45°	195.8	191.1	185.9	181.0	177.8	178.9	178.7	181.7	186.2	191.6	195.6	72.3	472.0
50°	178.6	174.0	167.6	161.4	156.5	157.3	157.3	162.0	168.0	174.3	178.3	70.5	542.5
55°	161.2	156.5	148.8	141.5	135.3	135.5	135.8	142.2	149.7	156.9	161.8	66.9	609.4
60°	143.7	138.7	130.1	121.6	114.2	113.3	114.6	122.5	131.3	139.3	144.4	61.7	671.1
65°	126.5	121.0	111.8	102.3	93.3	91.1	94.0	103.2	113.1	121.8	128.0	55.2	726.3
70°	109.1	102.8	93.5	83.0	72.9	69.4	73.6	84.1	94.6	103.5	110.4	47.6	773.9
75°	91.6	84.7	75.4	63.7	52.5	47.9	53.5	65.0	76.2	85.9	93.4	39.0	812.9
80°	74.9	67.7	57.5	45.8	33.9	27.9	34.5	46.6	58.5	69.1	75.6	30.2	843.1
85°	59.9	53.1	42.6	30.4	18.3	11.1	18.9	31.3	43.7	53.8	61.1	22.2	865.3
90°	49.1	42.6	32.8	21.3	9.6	1.7	9.7	21.6	33.2	43.3	50.0	16.9	882.1
95°	43.4	38.0	29.6	19.2	8.8	1.8	8.9	19.4	29.7	38.6	44.5	14.9	897.1
100°	41.0	35.9	27.9	18.7	8.8	2.1	8.9	18.7	28.1	36.1	41.8	14.0	911.1
105°	38.7	33.7	26.5	17.8	8.7	2.1	9.0	18.1	27.0	34.2	39.3	13.1	924.2
110°	35.9	31.6	25.0	17.1	8.8	2.0	9.1	17.4	25.5	32.1	36.6	12.0	936.2
115°	33.6	29.7	23.6	16.4	8.7	1.9	9.3	16.9	24.2	30.4	34.4	11.0	947.2
120°	31.4	27.9	22.4	15.7	8.8	1.8	9.3	16.2	22.9	28.6	32.2	9.9	957.1
125°	29.2	26.0	21.1	15.0	8.7	1.6	9.4	15.7	21.7	26.8	30.1	8.9	966.0
130°	27.0	24.2	19.8	14.4	8.7	1.4	9.4	15.1	20.5	24.9	27.8	7.8	973.7
135°	24.9	22.4	18.6	13.7	7.3	1.3	8.2	14.6	19.3	23.2	25.8	6.7	980.4
140°	22.7	20.6	17.3	12.7	6.4	1.3	7.0	13.5	18.0	21.5	23.6	5.6	986.0
145°	20.6	18.9	15.7	11.3	5.8	1.2	6.5	12.0	15.8	19.8	21.6	4.5	990.5
150°	18.5	17.0	13.4	10.2	6.1	1.3	6.3	10.3	14.2	17.9	19.5	3.5	994.0
155°	16.4	14.6	11.8	7.5	4.9	1.3	5.8	8.1	12.0	15.5	17.4	2.6	996.6
160°	14.2	11.8	9.1	7.1	4.6	1.4	5.2	7.3	8.7	12.7	15.3	1.8	998.3
165°	11.1	8.0	7.1	7.6	4.8	1.4	5.5	7.3	7.6	7.6	12.0	1.1	999.4
170°	6.9	7.3	7.0	5.8	2.1	1.4	3.1	6.1	7.5	6.2	7.2	0.6	1000.0
175°	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	1000.0

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Familie Licross® 11 Recessed			Bestell-Nr.: 51TL1DCN485G EAN: 4058352056639						LP-Nummer 59520_282			
UGR-Tabelle									Standardraum		siteco	
Reflexionsgrad Decke		0,7	0,7	0,5	0,5	0,3	0,7	0,7	0,5	0,5		0,3
Reflexionsgrad Wände		0,5	0,3	0,5	0,3	0,3	0,5	0,3	0,5	0,3		0,3
Reflexionsgrad Boden		0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2	0,2		0,2
Raumabmessungen		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)					
x	y											
2H	2H	21,3	22,9	21,8	23,3	23,8	21,0	22,5	21,4	23,0	23,5	
	3H	23,3	24,7	23,8	25,2	25,7	22,6	24,0	23,0	24,5	25,0	
	4H	24,1	25,4	24,6	25,9	26,5	23,1	24,4	23,6	24,9	25,4	
	6H	24,8	26,0	25,4	26,6	27,2	23,4	24,6	24,0	25,2	25,8	
	8H	25,2	26,4	25,8	26,9	27,5	23,6	24,7	24,1	25,3	25,9	
	12H	25,5	26,6	26,1	27,2	27,8	23,6	24,7	24,2	25,2	25,9	
4H	2H	22,0	23,3	22,5	23,8	24,4	21,7	23,0	22,2	23,5	24,1	
	3H	24,1	25,2	24,6	25,7	26,3	23,4	24,5	23,9	25,0	25,7	
	4H	25,1	26,1	25,6	26,7	27,3	24,1	25,1	24,6	25,7	26,3	
	6H	26,0	26,9	26,6	27,5	28,2	24,5	25,4	25,1	26,0	26,7	
	8H	26,5	27,3	27,1	27,9	28,6	24,7	25,6	25,3	26,2	26,9	
	12H	26,9	27,6	27,5	28,2	29,0	24,8	25,5	25,4	26,2	26,9	
8H	4H	25,4	26,2	26,0	26,8	27,5	24,5	25,3	25,1	25,9	26,6	
	6H	26,5	27,2	27,2	27,8	28,6	25,2	25,8	25,8	26,5	27,2	
	8H	27,1	27,7	27,7	28,4	29,1	25,4	26,0	26,1	26,7	27,4	
	12H	27,7	28,2	28,3	28,8	29,6	25,5	26,1	26,2	26,7	27,5	
12H	4H	25,4	26,1	26,0	26,7	27,4	24,5	25,2	25,2	25,9	26,6	
	6H	26,6	27,2	27,2	27,8	28,6	25,3	25,9	25,9	26,5	27,3	
	8H	27,2	27,7	27,9	28,4	29,2	25,6	26,1	26,3	26,8	27,6	

Leuchtdichten-Tabelle		Max. für $\gamma \geq 65^\circ$		Lichttechnische Abmessungen in mm:		L = 1500 B = 76		H(C0) = 25 H(C90) = 25		H(C180) = 25 H(C270) = 25		
C-Ebenen	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°	330°
γ	Leuchtdichte in cd/m²											
45°	16196.6	16178.1	16784.1	19218.3	16851.8	16191.8	16183.3	16171.2	16799.1	19253.2	16859.3	16212.3
50°	15608.8	15552.2	16020.3	18531.6	16044.5	15508.8	15538.8	15516.1	16012.2	18569.8	16068.6	15545.0
55°	14997.8	14944.2	15224.7	17816.3	15233.4	14844.1	14930.9	14874.9	15207.3	17848.3	15276.9	14921.1
60°	14471.8	14342.7	14423.9	17010.8	14404.8	14192.9	14336.1	14234.5	14366.5	17035.1	14471.7	14292.7
65°	13907.1	13741.8	13624.9	16082.3	13571.3	13541.4	13750.5	13605.2	13528.4	16096.6	13657.0	13687.2
70°	13401.1	13074.2	12730.3	15019.4	12644.3	12810.2	13160.5	12881.3	12582.9	15019.4	12754.9	12972.7
75°	12775.0	12316.6	11622.7	13505.5	11487.8	12038.9	12525.0	12085.2	11423.8	13485.0	11647.5	12258.7
80°	12270.2	11617.9	10394.5	11382.1	10138.2	11333.3	11904.8	11319.7	10127.6	11338.9	10312.0	11563.7
85°	11872.2	11150.4	9148.4	8403.5	8921.6	10729.0	11538.4	10824.8	8848.4	8307.3	9124.8	10983.4

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Leuchtdichten in cd/m²

γ 65°

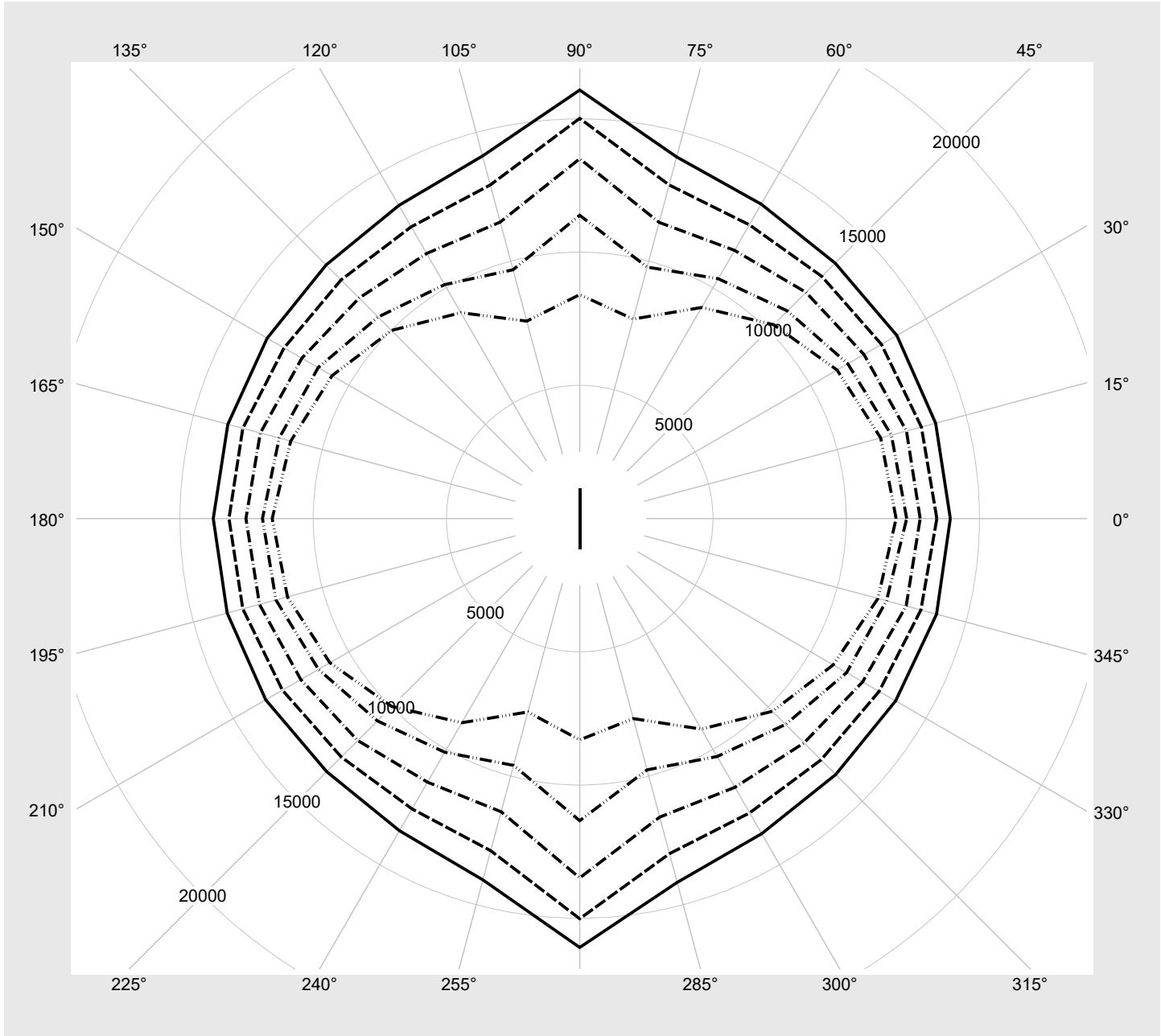
γ 70°

γ 75°

γ 80°

γ 85°

siteco



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Familie Licross® 11 Recessed	Bestell-Nr.: 51TL1DCN485G EAN: 4058352056639	LP-Nummer 59520_282
Multilumen-Tabelle		sITeco
Umgebungstemperatur: 25°C		

DIP-Stufe	Schalterstellung			Lichtstrom [lm]	Systemleistung [W]	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
1	A	C	E				
1	A	C	E	8820	49.3	52.0	50.6
2	A	C	F	8310	46.2	48.4	47.3
3	A	D	E	7810	43.1	45.3	44.2
4	A	D	F	7290	40.0	42.2	41.1
5	B	C	E	6840	37.4	39.6	38.5
6	B	C	F	6320	34.3	36.5	35.4
7	B	D	E	5860	31.8	33.5	32.6
8	B	D	F	5400	29.2	30.9	30.0