

Lichttechnischer Prüfbefund

Familie
Licross® 11 Recessed

Bestell-Nr.: 51TE1DCN485G
EAN: 4058352056554

LP-Nummer
59520_284

Seriendokumentation
14.11.2025



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

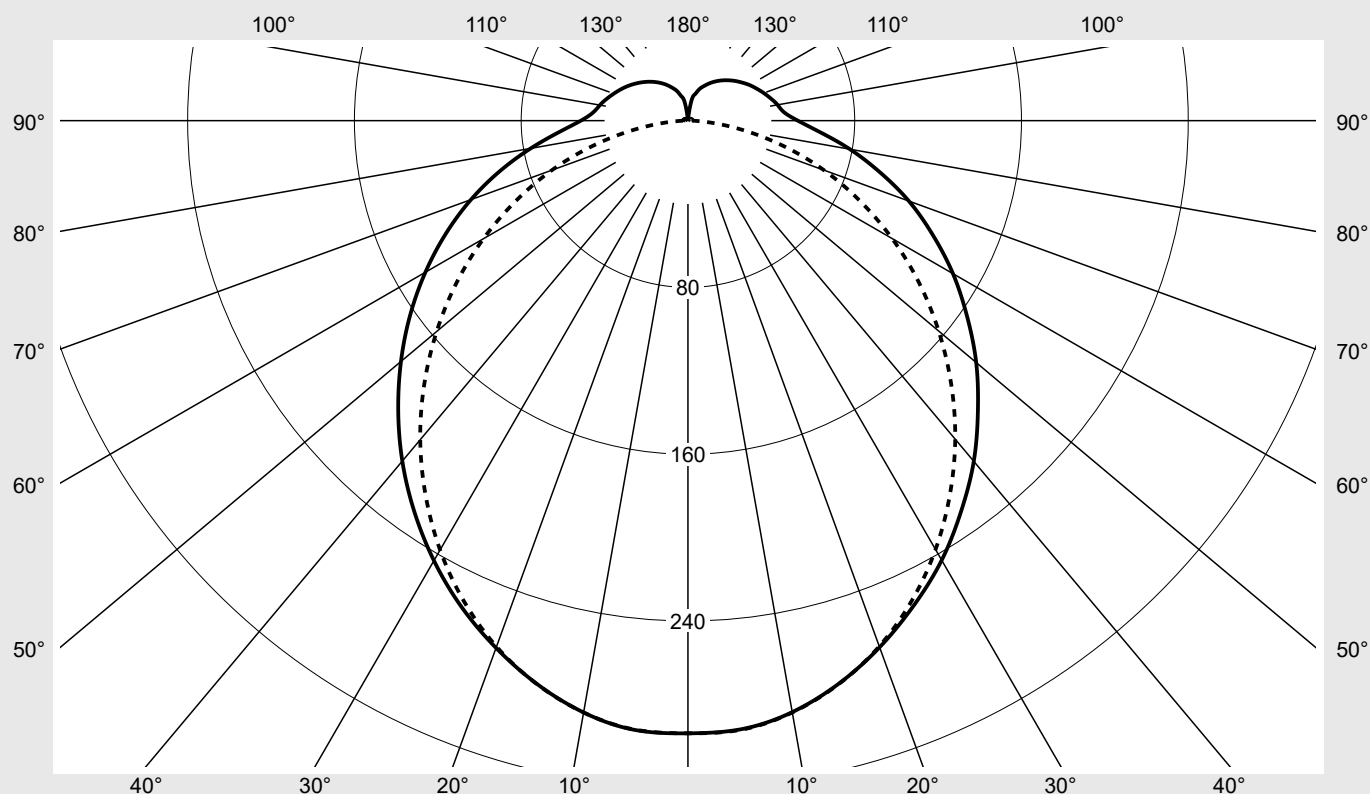
siteco

Lichtstärke in cd/klm

C180-0

C270-90

Imax: 294 cd/klm



Klassifizierungen

DIN 5040 B 3 1
CIE N1=44 N2=73 N3=91
N4=87 N5=100

Leuchtenbetriebswirkungsgrade

η_{LB} 100,0%
 ϕ_u 87,4%
 ϕ_o 12,6%

Messbedingungen

DIN EN 13032 und DIN 5032

Lichttechnischer Prüfbefund

Familie Licross® 11 Recessed	Bestell-Nr.: 51TE1DCN485G EAN: 4058352056554	LP-Nummer 59520_284
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

Lichttechnischer Prüfbefund

Familie Licross® 11 Recessed				Bestell-Nr.: 51TE1DCN485G EAN: 4058352056554								LP-Nummer 59520_284	
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

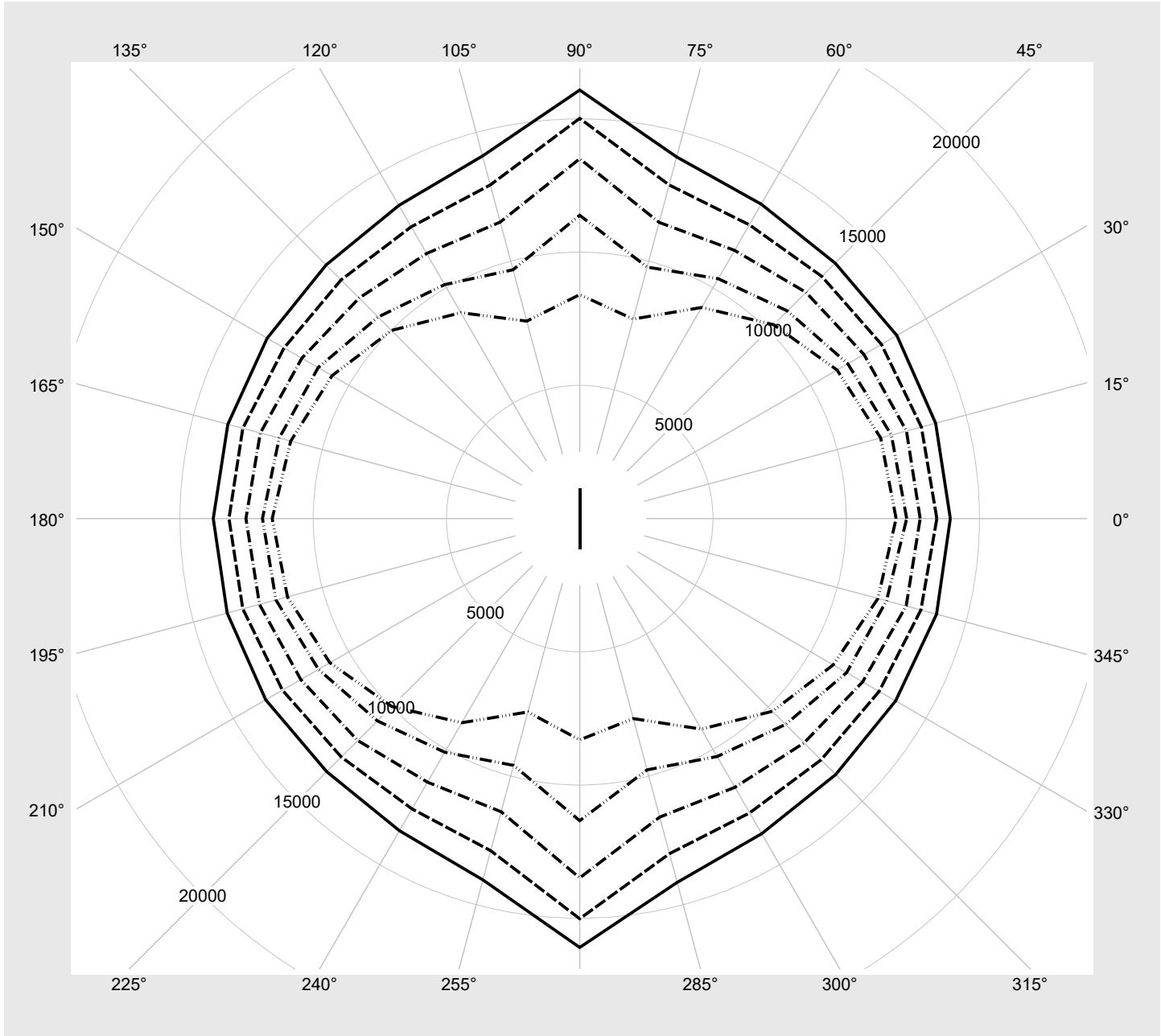
Lichttechnischer Prüfbefund

Familie Licross® 11 Recessed			Bestell-Nr.: 51TE1DCN485G EAN: 4058352056554						LP-Nummer 59520_284			
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°			sit eco



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Familie Licross® 11 Recessed	Bestell-Nr.: 51TE1DCN485G EAN: 4058352056554	LP-Nummer 59520_284
Multilumen-Tabelle Umgebungstemperatur: 25°C		

DIP-Stufe	Schalterstellung			Lichtstrom [lm]	Systemleistung [W]	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
	1	2	3				
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