

Lichttechnischer Prüfbefund

Familie
Licross® Recessed

Bestell-Nr.: 56TL1E7C4X31
EAN: 4058352862629

LP-Nummer
59464_1



Ausführung Notlichtbetrieb, elliptisch eng strahlend,
Anwendung: Rettungsweg

Bestückung LED 4000 K | CRI ≥ 70

Betriebsgerät EVG

Bemessungswerte Nettolichtstrom = 320 lm
Systemleistung = 3.9 W
Lichtausbeute = 82.1 lm/W

Seriendokumentation
06.07.2023

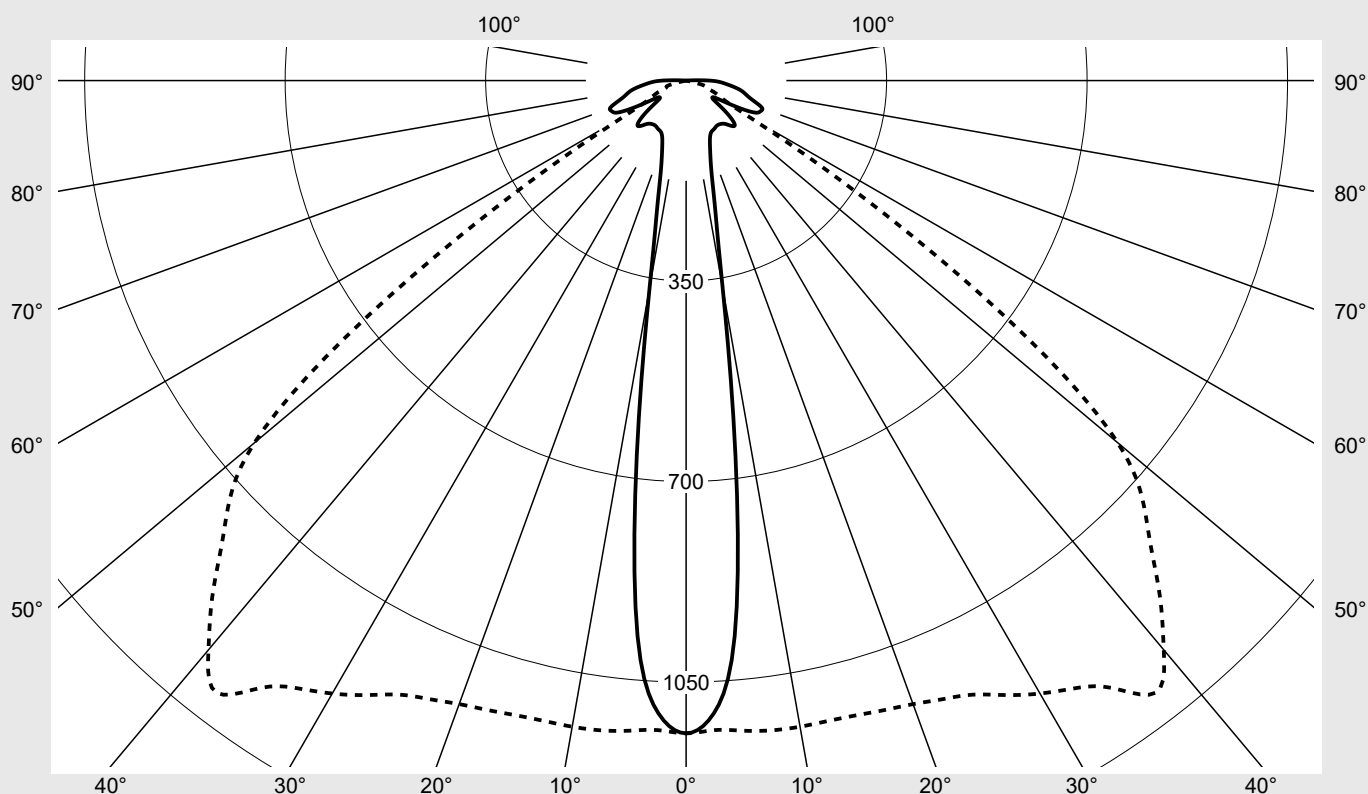
siteco

Lichtstärke in cd/klm

C180-0

C270-90

Imax: 1347 cd/klm



Klassifizierungen

DIN 5040 A 5 0
CIE N1=63 N2=91 N3=97
N4=100 N5=100

Leuchtenbetriebswirkungsgrade

η_{LB} 100,0%
 ϕ_u 99,8%
 ϕ_o 0,2%

Messbedingungen

DIN EN 13032 und DIN 5032

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Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

C- Ebenen	Maximale Lichtstärke												
	0,0° 180,0°	2,5° 177,5° 182,5° 357,5°	5,0° 175,0° 185,0° 355,0°	7,5° 172,5° 187,5° 352,5°	10,0° 170,0° 190,0° 350,0°	12,5° 167,5° 192,5° 347,5°	15,0° 165,0° 195,0° 345,0°	17,5° 162,5° 197,5° 342,5°	20,0° 160,0° 200,0° 340,0°	22,5° 157,5° 202,5° 337,5°	25,0° 155,0° 205,0° 335,0°	27,5° 152,5° 207,5° 332,5°	30,0° 150,0° 210,0° 330,0°
γ	Lichtstärke in cd/klm												
0,0°	1139.6	1139.6	1139.6	1139.6	1139.6	1139.6	1139.6	1139.6	1139.6	1139.6	1139.6	1139.6	1139.6
2,5°	1105.9	1105.8	1106.0	1106.4	1107.2	1107.9	1108.8	1109.4	1110.4	1112.2	1114.3	1116.4	1118.5
5,0°	973.3	973.8	975.1	977.3	980.4	983.8	987.2	991.1	996.1	1002.9	1011.2	1020.3	1029.9
7,5°	659.9	660.7	663.0	666.7	672.0	678.7	686.8	696.6	709.0	724.3	743.1	765.0	790.2
10,0°	367.2	367.8	369.5	372.4	376.7	382.6	390.5	400.6	413.3	429.0	448.0	471.0	498.1
12,5°	237.6	237.9	238.8	240.3	242.6	245.8	250.1	255.7	262.9	271.7	282.4	295.2	310.2
15,0°	174.3	174.4	174.6	175.2	176.2	177.8	180.2	183.4	187.7	193.2	200.0	208.2	217.9
17,5°	141.4	141.4	141.4	141.5	141.9	142.8	144.2	146.3	149.1	152.7	157.1	162.4	168.6
20,0°	121.9	121.8	121.8	121.8	122.0	122.6	123.5	125.0	126.9	129.3	132.2	135.7	139.9
22,5°	108.8	108.8	108.8	108.9	109.0	109.4	110.0	110.9	112.2	114.0	116.1	118.7	121.9
25,0°	101.7	101.7	101.7	101.7	101.9	102.1	102.6	103.2	104.0	105.2	106.6	108.4	110.6
27,5°	98.8	98.8	98.7	98.6	98.5	98.7	99.0	99.6	100.3	101.2	102.3	103.6	105.3
30,0°	97.7	97.6	97.5	97.4	97.3	97.3	97.5	97.7	98.2	99.0	99.9	101.0	102.4
32,5°	96.0	96.0	96.1	96.1	96.1	96.2	96.4	96.7	97.1	97.6	98.3	99.2	100.3
35,0°	95.3	95.3	95.3	95.4	95.5	95.6	95.8	96.1	96.5	97.0	97.7	98.5	99.6
37,5°	96.1	96.2	96.2	96.4	96.6	96.8	97.1	97.4	97.9	98.6	99.3	100.2	101.2
40,0°	98.3	98.3	98.4	98.6	98.9	99.2	99.7	100.2	100.7	101.4	102.1	102.8	103.7
42,5°	103.2	103.2	103.3	103.5	103.7	104.0	104.4	104.8	105.4	105.9	106.5	107.0	107.7
45,0°	111.9	112.0	112.0	112.1	112.2	112.3	112.4	112.5	112.6	112.7	112.9	113.0	113.3
47,5°	115.2	115.2	115.2	115.1	114.8	114.4	114.1	113.7	113.3	112.8	112.4	112.2	112.1
50,0°	103.1	103.0	102.6	101.9	100.8	99.6	98.4	97.2	96.1	95.0	94.1	93.3	92.8
52,5°	80.5	80.3	79.5	78.1	76.3	74.4	72.6	71.0	69.8	69.0	68.3	67.9	67.5
55,0°	58.8	58.5	57.5	55.5	53.1	50.7	48.8	47.5	46.7	46.3	46.1	46.0	46.0
57,5°	54.6	54.1	52.3	48.8	44.4	40.1	36.5	33.7	31.8	30.6	29.8	29.4	29.3
60,0°	63.3	62.3	59.2	54.2	48.4	43.4	39.1	35.3	32.0	29.2	27.1	25.5	24.3
62,5°	100.2	96.9	86.7	72.5	59.5	49.8	42.7	38.0	34.8	32.4	30.2	28.1	26.1
65,0°	132.2	127.7	113.6	93.6	74.9	60.0	48.9	41.1	35.9	32.3	29.6	27.3	25.4
67,5°	140.2	135.6	121.9	103.0	85.0	70.3	59.0	49.8	42.3	36.5	31.9	28.3	25.6
70,0°	141.4	136.0	121.1	101.9	85.3	73.5	64.3	55.8	48.0	41.3	35.6	30.9	27.0
72,5°	127.9	122.6	108.1	90.1	75.3	66.1	60.2	54.9	48.7	42.2	36.3	31.2	26.9
75,0°	114.3	109.2	96.1	79.9	65.5	55.4	49.3	45.4	41.9	38.2	34.0	29.7	25.6
77,5°	105.3	100.8	89.3	74.9	61.6	51.1	43.1	37.2	33.3	30.6	28.3	25.9	23.1
80,0°	96.4	92.8	83.6	71.8	60.2	50.3	42.1	35.2	29.5	25.3	22.6	20.9	19.3
82,5°	83.7	81.0	74.1	65.0	55.7	47.3	39.9	33.3	27.7	23.3	20.0	17.6	15.9
85,0°	70.7	68.6	63.3	56.3	48.7	41.8	35.6	30.0	25.1	21.1	18.1	15.7	13.8
87,5°	59.3	57.7	53.6	48.0	41.6	35.6	30.2	25.5	21.4	18.2	15.7	13.6	12.0
90,0°	40.8	39.7	36.8	32.7	27.9	23.2	18.8	15.1	12.1	9.8	8.1	6.8	5.9
92,5°	9.8	9.5	8.7	7.5	6.1	4.7	3.4	2.3	1.5	1.0	0.7	0.5	0.3
95,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97,5°	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
100,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102,5°	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
105,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107,5°	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
110,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

C- Ebenen	32,5°	35,0°	37,5°	40,0°	42,5°	45,0°	47,5°	50,0°	52,5°	55,0°	57,5°	60,0°	62,5°	
	147,5°	145,0°	142,5°	140,0°	137,5°	135,0°	132,5°	130,0°	127,5°	125,0°	122,5°	120,0°	117,5°	
	212,5°	215,0°	217,5°	220,0°	222,5°	225,0°	227,5°	230,0°	232,5°	235,0°	237,5°	240,0°	242,5°	
	327,5°	325,0°	322,5°	320,0°	317,5°	315,0°	312,5°	310,0°	307,5°	305,0°	302,5°	300,0°	297,5°	
γ	Lichtstärke in cd/klm													
0,0°	1139.6	1139.6	1139.6	1139.6	1139.6	1139.6	1139.6	1139.6	1139.6	1139.6	1139.6	1139.6	1139.6	1139.6
2,5°	1120.6	1122.7	1124.9	1127.0	1128.9	1130.6	1131.6	1131.8	1131.3	1131.2	1132.1	1133.6	1135.2	
5,0°	1039.8	1049.6	1058.1	1065.3	1072.3	1079.4	1087.5	1096.1	1104.3	1112.1	1118.9	1124.1	1127.7	
7,5°	819.0	850.9	883.9	914.7	942.0	966.1	988.7	1010.9	1032.3	1051.7	1068.6	1083.9	1097.9	
10,0°	529.3	563.6	599.6	637.0	677.5	723.2	775.5	833.1	889.3	936.9	974.8	1008.5	1040.8	
12,5°	328.0	348.6	372.5	401.0	435.8	478.5	529.6	587.9	652.2	723.6	801.2	877.2	941.0	
15,0°	229.4	243.0	259.0	277.7	299.8	326.3	358.5	398.2	448.7	512.6	590.3	680.3	778.2	
17,5°	175.8	184.4	194.6	206.8	221.7	239.9	262.2	289.9	324.5	368.5	426.1	501.8	598.5	
20,0°	144.9	150.6	157.4	165.4	175.2	187.5	202.9	222.2	246.9	278.4	319.7	375.1	450.8	
22,5°	125.5	129.7	134.7	140.6	147.6	156.2	166.8	180.3	197.7	220.4	250.4	291.4	348.6	
25,0°	113.2	116.3	120.0	124.6	130.1	136.8	145.2	155.5	168.4	185.0	206.9	237.2	280.4	
27,5°	107.2	109.5	112.2	115.4	119.4	124.5	131.1	139.4	150.0	163.5	181.0	204.3	237.1	
30,0°	104.0	105.9	108.2	110.8	114.0	118.0	123.1	129.5	138.0	149.2	164.3	184.7	212.6	
32,5°	101.7	103.5	105.6	108.1	111.1	114.7	119.3	124.9	132.4	142.2	155.3	173.3	198.4	
35,0°	101.0	102.6	104.6	107.0	109.8	113.1	117.2	122.5	129.4	138.5	150.9	167.7	190.5	
37,5°	102.4	103.8	105.4	107.3	109.5	112.2	115.5	119.9	125.9	134.3	145.9	161.7	183.0	
40,0°	104.6	105.7	106.9	108.4	110.1	112.3	114.9	118.3	123.1	129.9	139.8	154.0	173.8	
42,5°	108.4	109.2	110.1	111.2	112.5	114.1	116.1	118.8	122.4	127.7	135.6	147.4	164.7	
45,0°	113.8	114.3	114.9	115.7	116.8	118.1	119.8	122.0	125.0	129.2	135.5	145.2	160.0	
47,5°	112.2	112.5	113.0	113.7	114.7	116.0	117.9	120.2	123.0	126.7	131.9	140.0	152.7	
50,0°	92.4	92.2	92.4	93.1	94.4	96.3	98.8	101.8	105.1	109.1	114.2	121.3	131.8	
52,5°	67.3	67.1	67.2	67.7	68.4	69.6	71.3	73.2	75.4	78.2	82.0	87.3	95.1	
55,0°	46.1	46.1	46.0	46.0	46.1	46.4	46.8	47.6	48.5	49.9	51.7	54.4	58.5	
57,5°	29.3	29.2	29.0	28.7	28.4	28.3	28.3	28.6	29.0	29.6	30.4	31.6	33.3	
60,0°	23.5	22.8	22.2	21.6	21.0	20.6	20.4	20.4	20.6	21.0	21.5	22.3	23.1	
62,5°	24.3	22.9	21.8	20.8	20.1	19.6	19.3	19.2	19.3	19.6	20.0	20.6	21.4	
65,0°	23.6	22.1	20.7	19.6	18.8	18.2	17.7	17.5	17.4	17.5	17.8	18.4	19.0	
67,5°	23.5	21.7	20.2	19.0	18.0	17.0	16.3	15.7	15.5	15.4	15.6	15.9	16.4	
70,0°	23.9	21.4	19.5	18.1	16.9	15.9	15.2	14.6	14.2	13.9	13.8	14.0	14.2	
72,5°	23.5	20.7	18.5	16.7	15.3	14.2	13.3	12.7	12.3	12.0	11.9	11.9	11.9	
75,0°	22.0	18.9	16.4	14.4	12.7	11.4	10.4	9.7	9.1	8.7	8.5	8.4	8.4	
77,5°	20.2	17.3	14.7	12.5	10.6	9.1	7.8	6.9	6.0	5.3	4.8	4.4	4.2	
80,0°	17.5	15.6	13.6	11.8	10.0	8.5	7.1	6.0	5.1	4.3	3.7	3.3	3.0	
82,5°	14.4	13.0	11.6	10.2	8.8	7.5	6.4	5.3	4.4	3.7	3.1	2.6	2.2	
85,0°	12.2	10.9	9.8	8.6	7.5	6.5	5.5	4.6	3.8	3.2	2.6	2.2	1.9	
87,5°	10.5	9.3	8.2	7.2	6.3	5.4	4.5	3.8	3.2	2.7	2.3	2.0	1.8	
90,0°	5.1	4.5	4.0	3.5	3.1	2.6	2.2	1.8	1.5	1.2	1.0	0.9	0.8	
92,5°	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	
95,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
97,5°	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	
100,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
102,5°	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	
105,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
107,5°	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	
110,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

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Wertetabelle Lichtstärkemessung	Maximale Lichtstärke	sitEco
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C- Ebenen	65,0°	67,5°	70,0°	72,5°	75,0°	77,5°	80,0°	82,5°	85,0°	87,5°	90,0°	Phi-Zone	Summe Phi-Zone
	115,0° 245,0° 295,0°	112,5° 247,5° 292,5°	110,0° 250,0° 290,0°	107,5° 252,5° 287,5°	105,0° 255,0° 285,0°	102,5° 257,5° 282,5°	100,0° 260,0° 280,0°	97,5° 262,5° 277,5°	95,0° 265,0° 275,0°	92,5° 267,5° 272,5°			
γ	Lichtstärke in cd/klm											Lichtstrom in lm/klm	
0,0°	1139.6	1139.6	1139.6	1139.6	1139.6	1139.6	1139.6	1139.6	1139.6	1139.6	1139.6	1.7	1.7
2,5°	1136.3	1137.2	1137.8	1138.1	1138.0	1137.6	1137.1	1136.5	1135.7	1135.2	1135.0	13.5	15.2
5,0°	1130.3	1132.0	1133.3	1135.3	1138.0	1140.4	1141.5	1141.1	1140.1	1139.4	1139.3	25.5	40.7
7,5°	1110.3	1121.6	1130.6	1136.3	1140.0	1142.1	1144.3	1146.0	1145.6	1144.4	1144.1	33.2	73.9
10,0°	1067.8	1089.6	1108.4	1123.6	1134.5	1141.3	1145.3	1147.2	1147.3	1146.1	1145.4	35.9	109.8
12,5°	991.2	1033.5	1069.4	1097.8	1118.8	1132.9	1142.4	1147.3	1147.6	1145.8	1145.1	36.8	146.6
15,0°	872.5	950.2	1010.5	1058.0	1094.1	1119.4	1135.9	1145.1	1147.8	1147.4	1147.2	37.4	184.0
17,5°	712.1	829.4	930.9	1007.4	1064.0	1104.4	1131.1	1145.7	1150.3	1151.5	1152.2	38.1	222.2
20,0°	553.7	682.7	820.6	939.2	1026.4	1086.9	1125.8	1148.7	1156.6	1157.6	1158.4	38.9	261.1
22,5°	430.1	545.0	691.8	845.0	972.1	1061.6	1120.1	1153.3	1165.6	1168.1	1169.0	39.7	300.8
25,0°	343.7	437.9	572.8	740.2	902.6	1026.6	1108.9	1156.0	1175.8	1181.7	1182.9	40.7	341.5
27,5°	286.0	361.3	477.2	640.8	826.9	988.6	1101.1	1165.9	1196.3	1207.4	1209.4	42.2	383.7
30,0°	252.5	312.6	408.2	555.5	748.7	942.1	1087.8	1174.7	1216.6	1232.2	1235.6	43.9	427.7
32,5°	233.9	285.6	365.1	492.4	677.7	889.3	1067.0	1178.5	1232.4	1253.1	1258.4	45.9	473.5
35,0°	222.6	269.4	339.9	451.1	621.8	839.3	1043.8	1183.0	1255.8	1286.4	1294.2	48.1	521.7
37,5°	212.6	255.2	319.0	418.5	575.3	792.1	1021.3	1196.8	1295.3	1336.5	1346.9	50.7	572.4
40,0°	201.2	239.9	296.5	384.7	524.9	727.3	957.7	1143.3	1246.0	1287.1	1297.3	51.5	623.9
42,5°	189.4	224.2	275.1	353.8	478.0	660.8	877.1	1059.8	1167.0	1213.0	1224.9	51.5	675.4
45,0°	181.9	213.4	259.4	330.1	441.9	608.9	810.9	985.1	1089.8	1135.4	1146.8	52.0	727.5
47,5°	172.1	201.2	244.1	308.9	411.5	567.6	758.9	924.9	1025.1	1069.0	1080.3	51.9	779.3
50,0°	148.0	173.5	212.2	270.8	363.2	505.4	682.1	837.3	931.6	973.0	983.9	47.6	826.9
52,5°	107.0	125.8	155.7	202.7	277.4	391.5	535.1	665.1	747.1	783.8	793.2	37.9	864.8
55,0°	65.0	76.0	94.6	125.4	175.6	254.3	355.0	446.0	501.8	525.6	531.6	25.9	890.7
57,5°	35.8	40.1	48.1	63.2	90.2	134.7	192.2	244.3	275.0	286.8	289.4	15.6	906.3
60,0°	24.2	25.7	28.2	33.6	45.4	66.3	90.3	109.2	121.0	127.1	128.6	10.1	916.4
62,5°	22.4	23.6	25.2	28.2	35.0	47.4	61.1	69.7	74.3	77.1	77.9	9.6	926.0
65,0°	19.7	20.7	22.1	24.3	28.6	36.8	49.3	59.7	63.4	63.5	63.3	10.0	935.9
67,5°	16.8	17.5	18.4	19.5	21.2	25.1	32.6	41.5	48.0	51.5	52.6	9.9	945.8
70,0°	14.6	15.2	15.9	17.0	18.6	21.5	26.2	31.6	35.8	38.3	39.1	9.7	955.6
72,5°	12.2	12.7	13.4	14.6	16.7	20.1	24.4	28.7	32.4	34.9	35.8	9.1	964.6
75,0°	8.7	9.1	9.6	10.4	12.0	14.9	18.9	23.5	27.3	29.8	30.8	7.8	972.5
77,5°	4.2	4.3	4.5	4.8	5.2	5.9	6.9	8.1	9.7	11.3	12.0	6.3	978.8
80,0°	2.9	3.0	3.1	3.2	3.3	3.5	3.6	3.5	3.4	3.5	3.6	5.6	984.4
82,5°	2.0	1.9	1.8	1.8	1.8	1.9	2.0	2.0	2.1	2.2	2.3	5.0	989.3
85,0°	1.7	1.5	1.3	1.2	1.2	1.3	1.3	1.5	1.6	1.7	1.7	4.3	993.6
87,5°	1.6	1.4	1.2	1.0	0.9	1.0	1.3	1.5	1.8	1.9	2.0	3.7	997.3
90,0°	0.8	0.8	0.7	0.6	0.6	0.8	1.0	1.2	1.4	1.6	1.6	2.3	999.6
92,5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1000.0
95,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
97,5°	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
100,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
102,5°	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
105,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0
107,5°	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
110,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0

Lichttechnischer Prüfbefund

Familie Licross® Recessed	Bestell-Nr.: 56TL1E7C4X31 EAN: 4058352862629	LP-Nummer 59464_1
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

C- Ebenen	Maximale Lichtstärke												
	0,0°	2,5°	5,0°	7,5°	10,0°	12,5°	15,0°	17,5°	20,0°	22,5°	25,0°	27,5°	30,0°
180,0°	180,0°	177,5°	175,0°	172,5°	170,0°	167,5°	165,0°	162,5°	160,0°	157,5°	155,0°	152,5°	150,0°
	357,5°	355,0°	352,5°	350,0°	347,5°	345,0°	342,5°	340,0°	337,5°	335,0°	332,5°	330,0°	330,0°
γ	Lichtstärke in cd/klm												
112,5°	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
115,0°	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
117,5°	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
120,0°	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
122,5°	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
125,0°	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
127,5°	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
130,0°	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
132,5°	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
135,0°	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
137,5°	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
140,0°	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
142,5°	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
145,0°	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
147,5°	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
150,0°	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
152,5°	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
155,0°	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
157,5°	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
160,0°	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
162,5°	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
165,0°	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
167,5°	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
170,0°	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
172,5°	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
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	0,0
177,5°	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	0,0

Lichttechnischer Prüfbefund

Familie Licross® Recessed	Bestell-Nr.: 56TL1E7C4X31 EAN: 4058352862629	LP-Nummer 59464_1
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

C- Ebenen	32,5°	35,0°	37,5°	40,0°	42,5°	45,0°	47,5°	50,0°	52,5°	55,0°	57,5°	60,0°	62,5°
	147,5°	145,0°	142,5°	140,0°	137,5°	135,0°	132,5°	130,0°	127,5°	125,0°	122,5°	120,0°	117,5°
	212,5°	215,0°	217,5°	220,0°	222,5°	225,0°	227,5°	230,0°	232,5°	235,0°	237,5°	240,0°	242,5°
	327,5°	325,0°	322,5°	320,0°	317,5°	315,0°	312,5°	310,0°	307,5°	305,0°	302,5°	300,0°	297,5°
γ	Lichtstärke in cd/klm												
112,5°	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
115,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117,5°	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
120,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122,5°	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
125,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127,5°	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
130,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132,5°	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
135,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137,5°	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
140,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142,5°	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
145,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147,5°	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
150,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152,5°	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
155,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157,5°	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
160,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162,5°	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
165,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167,5°	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
170,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172,5°	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
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	0.0
177,5°	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	0.0

Lichttechnischer Prüfbefund

Familie Licross® Recessed		Bestell-Nr.: 56TL1E7C4X31 EAN: 4058352862629										LP-Nummer 59464_1			
Wertetabelle Lichtstärkemessung												Maximale Lichtstärke		Seriodokumentation 06.07.2023	
C- Ebenen	65,0°	67,5°	70,0°	72,5°	75,0°	77,5°	80,0°	82,5°	85,0°	87,5°	90,0°	Phi-Zone	Summe Phi-Zone		
	115,0°	112,5°	110,0°	107,5°	105,0°	102,5°	100,0°	97,5°	95,0°	92,5°					
	245,0°	247,5°	250,0°	252,5°	255,0°	257,5°	260,0°	262,5°	265,0°	267,5°					
	295,0°	292,5°	290,0°	287,5°	285,0°	282,5°	280,0°	277,5°	275,0°	272,5°					
γ	Lichtstärke in cd/klm											Lichtstrom in lm/klm			
112,5°	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		
115,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0		
117,5°	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		
120,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0		
122,5°	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		
125,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0		
127,5°	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		
130,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0		
132,5°	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		
135,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0		
137,5°	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		
140,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0		
142,5°	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		
145,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0		
147,5°	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		
150,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0		
152,5°	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		
155,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0		
157,5°	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		
160,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0		
162,5°	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		
165,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0		
167,5°	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		
170,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0		
172,5°	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		
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	1000.0		
177,5°	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	0.0	1000.0		

Lichttechnischer Prüfbefund

Familie Licross® Recessed	Bestell-Nr.: 56TL1E7C4X31 EAN: 4058352862629	LP-Nummer 59464_1
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siteco

UGR-Tabelle		Standardraum									
Raumabmessungen		Blickrichtung quer zur Leuchte (C0)					Blickrichtung längs zur Leuchte (C90)				
x	y										
2H	2H	28,4	29,9	28,8	30,2	30,5	39,0	40,4	39,4	40,8	41,1
	3H	33,6	35,0	34,0	35,3	35,6	39,0	40,2	39,3	40,6	40,9
	4H	35,7	37,0	36,1	37,3	37,7	39,0	40,2	39,4	40,5	40,9
	6H	37,8	39,0	38,3	39,4	39,7	39,1	40,0	39,5	40,4	40,8
	8H	38,9	40,0	39,3	40,4	40,8	39,1	39,9	39,6	40,3	40,7
	12H	40,0	41,0	40,4	41,4	41,8	39,1	39,8	39,5	40,2	40,7
4H	2H	28,6	29,7	29,0	30,1	30,5	38,7	40,0	39,1	40,3	40,7
	3H	33,8	34,7	34,2	35,1	35,5	38,7	39,8	39,2	40,1	40,6
	4H	35,9	36,8	36,4	37,2	37,7	38,7	39,6	39,2	40,0	40,5
	6H	38,2	38,9	38,7	39,4	39,8	38,8	39,5	39,3	39,9	40,4
	8H	39,4	40,1	39,9	40,6	41,0	38,7	39,4	39,2	39,8	40,3
	12H	40,8	41,4	41,3	41,9	42,3	38,8	39,3	39,3	39,7	40,2
8H	4H	35,9	36,6	36,4	37,0	37,5	38,6	39,4	39,1	39,8	40,3
	6H	38,1	38,7	38,6	39,2	39,7	38,6	39,2	39,1	39,6	40,1
	8H	39,5	40,0	40,0	40,5	41,0	38,5	39,1	39,1	39,5	40,1
	12H	41,1	41,4	41,6	41,9	42,5	38,6	39,0	39,1	39,5	40,0
12H	4H	36,0	36,5	36,5	36,9	37,4	38,7	39,3	39,2	39,7	40,2
	6H	38,2	38,6	38,7	39,1	39,7	38,6	39,1	39,1	39,6	40,1
	8H	39,6	39,9	40,1	40,4	40,9	38,6	39,0	39,1	39,5	40,0

Leuchtdichten-Tabelle Max. für $\gamma \geq 65^\circ$

Lichttechnische Abmessungen in mm: **L = 12** **B = 12**

C- Ebenen	γ	10,0°	20,0°	30,0°	40,0°	50,0°	60,0°	70,0°	80,0°	90,0°	
		170,0°	160,0°	150,0°	140,0°	130,0°	120,0°	110,0°	100,0°	90,0°	
		190,0°	200,0°	210,0°	220,0°	230,0°	240,0°	250,0°	260,0°	270,0°	
		180,0°	350,0°	340,0°	320,0°	310,0°	300,0°	290,0°	280,0°	270,0°	
		Leuchtdichte in cd/m ²									
45,0°	351793.5	352642.0	353899.1	356161.8	363704.3	383503.3	456351.0	815121.3	2548510.3	3604047.8	
50,0°	356329.9	348620.4	332164.3	320652.0	321792.8	351801.0	419319.4	733575.6	2358065.9	3401368.9	
55,0°	227887.9	205610.5	180853.5	178335.2	178374.0	184224.2	210879.6	366666.2	1375230.8	2059398.1	
60,0°	281422.2	215288.9	142133.3	108177.8	96000.0	90755.6	98888.9	125422.2	401288.9	571600.0	
65,0°	695347.8	393998.9	188717.7	133296.0	103061.2	91756.0	96488.4	116101.6	259230.5	332687.9	
70,0°	918919.2	553898.5	311872.5	175168.4	117342.0	94926.2	90702.9	103567.6	170165.4	253916.2	
75,0°	980951.3	562555.2	359839.6	219973.5	123209.2	83026.7	71779.0	82511.5	162533.1	264534.9	
80,0°	1233656.6	770779.4	377135.5	246859.3	150367.9	77039.6	42359.0	39287.6	45942.2	45814.2	
85,0°	1802902.8	1242730.6	639213.3	352370.5	219275.4	117031.9	56348.7	33911.2	33911.2	43090.2	

Lichttechnischer Prüfbefund

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

