

## Lichttechnischer Prüfbefund

**Familie**  
**Licross® Recessed**

**Bestell-Nr.: 56TL197C4X31**  
**EAN: 4058352862605**

**LP-Nummer**  
**59463\_1**



**Ausführung** Notlichtbetrieb, asymmetrisch extrem breit strahlend, Anwendung: Rettungsweg

**Bestückung** LED 4000 K | CRI ≥ 70

**Betriebsgerät** EVG

**Bemessungswerte** Nettolichtstrom = 300 lm  
Systemleistung = 3.9 W  
Lichtausbeute = 76.9 lm/W

**Seriendokumentation**  
**06.07.2023**

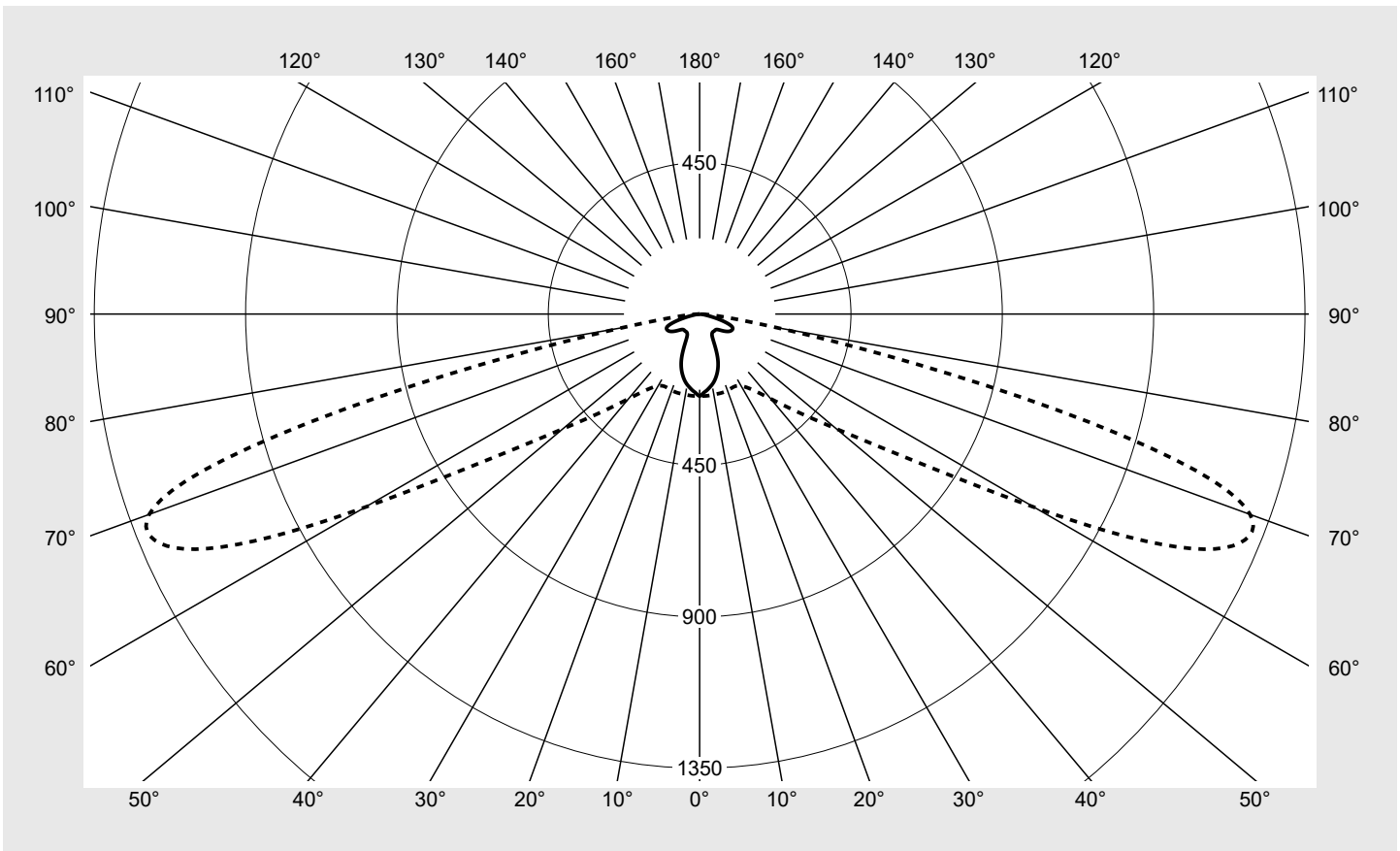
**siteco**

**Lichtstärke in cd/klm**

**C180-0**

**C270-90**

**Imax: 1755 cd/klm**



**Klassifizierungen**

DIN 5040 A 3 0  
CIE N1=25 N2=51 N3=93  
N4=100 N5=100

**Leuchtenbetriebswirkungsgrade**

$\eta_{LB}$  100,0%  
 $\phi_u$  100,0%  
 $\phi_o$  0,0%

**Messbedingungen**

DIN EN 13032 und DIN 5032

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

C- Ebenen	0° 180°	5°	10°	15°	20°	25°	30°	35°	40°	45°
		175° 185° 355°	170° 190° 350°	165° 195° 345°	160° 200° 340°	155° 205° 335°	150° 210° 330°	145° 215° 325°	140° 220° 320°	135° 225° 315°
		Lichtstärke in cd/klm								
γ										
0,0°	243.7	243.7	243.7	243.7	243.7	243.7	243.7	243.7	243.7	243.7
2,5°	236.0	236.1	236.3	236.7	237.0	237.4	237.8	238.2	238.5	238.8
5,0°	228.9	229.1	229.8	230.7	231.5	232.2	232.6	233.0	233.5	234.1
7,5°	221.1	221.8	223.1	223.9	224.2	224.2	224.5	225.4	226.8	228.5
10,0°	213.0	213.6	214.7	215.3	215.4	215.4	216.1	217.7	219.9	222.3
12,5°	203.3	203.7	204.4	204.9	205.1	205.5	207.0	209.4	212.2	215.2
15,0°	191.2	191.5	192.2	192.8	193.4	194.5	196.8	199.9	203.5	207.2
17,5°	177.3	177.5	178.2	179.1	180.4	182.5	185.5	189.2	193.5	198.2
20,0°	160.5	160.8	161.6	163.0	165.4	168.6	172.6	177.2	182.4	188.1
22,5°	139.3	139.7	140.9	143.4	147.2	152.0	157.5	163.4	169.8	176.6
25,0°	112.3	113.2	115.6	119.5	124.7	131.1	138.2	146.0	154.4	163.2
27,5°	87.4	88.6	91.5	95.5	100.7	107.1	115.0	124.5	135.4	147.1
30,0°	74.0	74.7	76.6	79.1	82.2	86.5	92.5	101.3	113.3	127.7
32,5°	68.8	69.3	70.3	71.5	72.7	74.4	77.2	82.6	92.2	106.5
35,0°	66.6	67.0	67.7	68.3	68.7	69.1	69.9	72.2	77.6	88.1
37,5°	66.2	66.4	66.8	66.8	66.7	66.7	67.0	67.8	70.1	75.9
40,0°	66.4	66.6	66.6	66.2	65.7	65.6	65.7	66.0	66.8	69.3
42,5°	66.4	66.5	66.3	65.7	65.0	65.0	65.3	65.3	65.1	65.6
45,0°	66.6	66.6	66.2	65.2	64.3	64.4	64.9	65.0	64.0	63.1
47,5°	68.1	68.0	67.2	65.5	64.0	63.7	64.3	64.3	62.9	61.2
50,0°	72.4	72.0	70.6	67.9	65.2	63.9	63.7	63.3	61.6	59.5
52,5°	79.6	79.0	76.6	72.7	68.5	65.6	64.2	63.0	60.8	58.1
55,0°	88.2	87.3	84.1	79.0	73.4	68.9	66.0	63.6	60.4	56.9
57,5°	96.2	95.1	91.4	85.4	78.5	72.5	68.2	64.7	60.5	56.2
60,0°	102.5	101.2	97.1	90.5	82.7	75.6	70.2	65.7	60.7	55.6
62,5°	106.2	104.8	100.6	93.8	85.6	77.7	71.5	66.2	60.6	55.1
65,0°	107.7	106.2	101.8	95.0	86.6	78.3	71.4	65.5	59.6	53.9
67,5°	106.1	104.3	99.8	93.1	84.9	76.5	69.3	63.1	57.0	51.5
70,0°	97.5	95.8	91.9	85.9	78.6	71.1	64.6	58.6	52.9	47.6
72,5°	79.7	78.7	76.2	72.0	66.7	60.9	55.8	51.1	46.4	41.7
75,0°	57.1	56.9	56.0	54.2	51.2	46.4	42.8	39.7	36.5	33.0
77,5°	35.4	35.9	36.7	37.4	36.1	30.8	28.1	26.5	24.5	22.4
80,0°	19.7	20.5	22.3	24.3	23.5	18.2	16.3	15.9	14.4	12.8
82,5°	11.1	11.4	12.5	13.9	13.3	9.7	8.8	9.0	8.1	6.8
85,0°	4.5	4.9	5.5	6.1	5.7	4.4	4.2	4.3	3.9	3.5
87,5°	1.3	1.5	1.8	1.9	1.8	1.6	1.6	1.6	1.5	1.5
90,0°	0.2	0.3	0.4	0.4	0.5	0.4	0.4	0.4	0.4	0.4
92,5°	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
95,0°	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
100,0°	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
105,0°	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
110,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

C- Ebenen	50°	55°	60°	65°	70°	75°	80°	85°	90°	Phi-Zone	Summe Phi-Zone
	130°	125°	120°	115°	110°	105°	100°	95°			
	230°	235°	240°	245°	250°	255°	260°	265°			
	310°	305°	300°	295°	290°	285°	280°	275°			
γ	Lichtstärke in cd/klm									Lichtstrom in lm/klm	
0,0°	243.7	243.7	243.7	243.7	243.7	243.7	243.7	243.7	243.7	0.4	0.4
2,5°	239.1	239.5	240.0	240.5	241.2	241.9	242.8	243.4	243.8	2.9	3.2
5,0°	235.0	236.1	237.3	238.7	240.1	241.4	242.6	243.5	244.1	5.6	8.8
7,5°	230.2	232.1	234.2	236.3	238.4	240.4	241.9	243.1	243.7	8.3	17.1
10,0°	224.7	227.2	229.9	232.8	235.7	238.5	240.9	242.5	243.2	10.7	27.8
12,5°	218.2	221.3	224.8	228.4	232.3	236.2	239.6	242.1	243.2	13.0	40.8
15,0°	210.9	214.9	219.1	223.7	228.6	233.6	238.2	241.7	243.3	15.0	55.8
17,5°	202.9	207.8	212.9	218.4	224.4	230.6	236.4	240.9	242.9	16.7	72.5
20,0°	193.9	199.9	205.9	212.3	219.4	227.0	234.1	239.5	241.9	18.1	90.6
22,5°	183.7	190.9	198.2	205.7	213.9	222.7	231.2	237.5	240.2	19.0	109.6
25,0°	172.2	181.3	190.1	198.9	208.4	218.7	228.5	235.9	239.0	19.4	129.0
27,5°	159.0	170.6	181.7	192.5	203.9	216.2	228.0	236.9	240.6	19.4	148.4
30,0°	143.0	158.2	172.8	186.9	201.5	216.8	231.4	242.4	246.7	19.4	167.8
32,5°	124.1	143.2	162.7	182.1	201.6	221.1	239.3	252.9	258.2	19.7	187.5
35,0°	104.3	125.7	150.7	177.4	203.9	229.4	252.3	269.1	275.4	20.4	207.8
37,5°	87.7	107.9	136.8	171.6	207.6	241.4	270.5	291.1	298.9	21.4	229.3
40,0°	76.2	92.2	121.8	164.0	211.4	256.4	294.1	319.5	328.9	22.8	252.1
42,5°	68.9	80.0	107.3	154.4	214.2	273.5	322.5	354.6	366.3	24.5	276.6
45,0°	64.2	71.3	94.2	143.1	215.2	291.9	355.6	396.5	411.2	26.4	303.0
47,5°	60.9	65.2	83.0	130.4	213.4	310.9	394.0	446.3	464.6	28.6	331.7
50,0°	58.4	60.6	73.7	117.1	208.7	331.1	440.3	508.0	531.0	31.4	363.0
52,5°	56.3	57.2	66.6	104.6	202.7	355.7	500.0	589.0	618.5	34.9	398.0
55,0°	54.6	54.7	61.5	94.4	197.9	387.9	580.4	698.9	736.8	39.7	437.7
57,5°	53.3	52.9	58.2	87.5	195.8	430.6	692.3	855.8	906.2	46.2	483.9
60,0°	52.3	51.6	56.2	83.1	196.1	483.8	845.5	1079.2	1148.5	55.0	538.9
62,5°	51.5	50.5	54.5	79.0	193.7	534.1	1019.5	1342.9	1433.7	65.0	603.9
65,0°	50.1	48.7	52.0	73.4	182.5	556.6	1156.7	1553.5	1654.2	72.8	676.7
67,5°	47.5	45.7	48.7	67.7	166.2	542.5	1213.4	1656.8	1754.9	76.2	752.9
70,0°	43.6	42.0	45.4	64.7	154.3	506.4	1177.3	1644.5	1741.8	75.1	828.0
72,5°	38.1	37.1	41.6	62.1	142.4	448.0	1035.2	1453.5	1547.1	67.1	895.1
75,0°	30.5	30.5	35.7	54.4	117.0	346.2	773.2	1040.5	1096.2	50.3	945.4
77,5°	21.3	22.5	27.5	41.3	80.8	216.2	458.6	562.7	567.7	29.9	975.3
80,0°	12.8	14.6	18.8	27.2	48.2	108.3	210.5	238.2	231.0	14.6	989.9
82,5°	7.2	8.7	11.7	15.7	25.6	46.0	76.5	90.6	92.5	6.5	996.4
85,0°	3.8	4.7	6.3	7.7	11.6	16.8	23.5	32.1	36.4	2.6	998.9
87,5°	1.7	2.1	2.7	3.0	4.0	5.0	6.3	9.0	10.6	0.8	999.8
90,0°	0.5	0.6	0.8	0.8	1.0	1.1	1.4	1.7	2.0	0.2	1000.0
92,5°	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.0	1000.0
95,0°	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	1000.0
100,0°	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	1000.0
105,0°	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	1000.0
110,0°	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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<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

C- Ebenen	0° 180°	5°	10°	15°	20°	25°	30°	35°	40°	45°	
		175° 185° 355°	170° 190° 350°	165° 195° 345°	160° 200° 340°	155° 205° 335°	150° 210° 330°	145° 215° 325°	140° 220° 320°	135° 225° 315°	
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	
115,0°	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	
120,0°	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	
125,0°	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	
130,0°	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	
135,0°	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	
140,0°	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	
145,0°	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	
150,0°	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	
155,0°	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	
160,0°	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	
165,0°	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	
170,0°	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	
175,0°	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	
180,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

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

C- Ebenen	50°	55°	60°	65°	70°	75°	80°	85°	90°	Phi-Zone	Summe Phi-Zone
	130°	125°	120°	115°	110°	105°	100°	95°			
	230°	235°	240°	245°	250°	255°	260°	265°			
	310°	305°	300°	295°	290°	285°	280°	275°			
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	1000.0
115,0°	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	1000.0
120,0°	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	1000.0
125,0°	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	1000.0
130,0°	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	1000.0
135,0°	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	1000.0
140,0°	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	1000.0
145,0°	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	1000.0
150,0°	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	1000.0
155,0°	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	1000.0
160,0°	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	1000.0
165,0°	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	1000.0
170,0°	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	1000.0
175,0°	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	1000.0
180,0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0

## Lichttechnischer Prüfbefund

<b>Familie</b> <b>Licross® Recessed</b>	<b>Bestell-Nr.: 56TL197C4X31</b> <b>EAN: 4058352862605</b>	<b>LP-Nummer</b> <b>59463_1</b>
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<b>UGR-Tabelle</b>	<b>Standardraum</b>	<b>siteco</b>
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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	29,6	31,5	29,9	31,8	32,2	43,2	45,2	43,6	45,5	45,8
	3H	33,4	35,2	33,8	35,6	35,9	50,2	51,9	50,6	52,3	52,6
	4H	34,4	36,2	34,8	36,6	36,9	52,2	53,8	52,6	54,1	54,5
	6H	34,8	36,5	35,2	36,9	37,3	52,8	54,2	53,2	54,6	55,0
	8H	34,8	36,5	35,2	36,9	37,3	53,0	54,2	53,4	54,6	55,0
	12H	34,8	36,5	35,2	36,8	37,3	53,1	54,1	53,5	54,5	54,9
4H	2H	30,5	32,1	30,9	32,5	32,8	42,9	44,7	43,3	45,1	45,4
	3H	34,3	35,7	34,7	36,1	36,5	49,9	51,4	50,3	51,8	52,2
	4H	35,4	36,8	35,9	37,2	37,6	51,9	53,3	52,4	53,7	54,1
	6H	35,9	37,1	36,3	37,6	38,0	52,6	53,7	53,0	54,1	54,6
	8H	35,9	37,1	36,4	37,6	38,0	52,7	53,7	53,2	54,1	54,6
	12H	36,0	37,1	36,4	37,5	38,0	52,8	53,6	53,3	54,1	54,5
8H	4H	35,9	36,8	36,3	37,3	37,7	51,8	53,0	52,3	53,4	53,9
	6H	36,4	37,2	36,8	37,7	38,2	52,4	53,4	52,9	53,8	54,3
	8H	36,4	37,2	36,9	37,7	38,2	52,5	53,3	53,0	53,8	54,3
	12H	36,5	37,2	37,0	37,7	38,2	52,6	53,3	53,1	53,8	54,3
12H	4H	36,0	36,8	36,5	37,2	37,7	51,8	52,9	52,2	53,4	53,8
	6H	36,5	37,2	37,0	37,6	38,2	52,4	53,3	52,9	53,7	54,3
	8H	36,6	37,2	37,1	37,7	38,2	52,5	53,2	53,0	53,7	54,2

<b>Leuchtdichten-Tabelle</b>	<b>Max. für <math>\gamma \geq 65^\circ</math></b>	<b>Lichttechnische Abmessungen in mm:</b>	<b>L = 12</b>	<b>B = 12</b>
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C- Ebenen	0° 180°	10°	20°	30°	40°	50°	60°	70°	80°	90° 270°
		170° 190° 350°	160° 200° 340°	150° 210° 330°	140° 220° 320°	130° 230° 310°	120° 240° 300°	110° 250° 290°	100° 260° 280°	
$\gamma$	Leuchtdichte in cd/m <sup>2</sup>									
45,0°	196281.1	194925.8	189534.1	191301.8	188532.3	189003.8	277421.6	633891.8	1047726.0	1211450.7
50,0°	234590.2	228659.0	211416.4	206554.7	199780.9	189182.5	238965.7	676513.0	1427052.5	1721019.5
55,0°	320358.3	305575.4	266638.4	239615.0	219529.0	198208.1	223233.8	718735.9	2107936.1	2676336.1
60,0°	427250.0	404500.0	344708.3	292333.3	252791.7	218083.3	234208.3	817125.0	3522745.8	4785412.5
65,0°	531113.7	501930.5	427000.8	351726.0	293606.2	246972.3	256387.8	899551.0	5702047.9	8154517.3
70,0°	594141.4	559482.2	478590.2	393190.8	322288.5	265578.9	276482.3	939759.5	7171233.3	10609749.1
75,0°	459619.7	450604.4	412128.4	344272.1	293802.4	245586.6	287523.9	942019.2	6223540.6	8823724.4
80,0°	235989.6	267542.9	282419.7	195078.4	172763.1	154047.1	226031.7	577796.6	2524980.9	2771288.3
85,0°	108283.2	131708.7	136250.3	100395.0	94180.1	91789.7	151309.6	277281.4	560777.7	870807.0

**Lichttechnischer Prüfbefund**

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**Leuchtdichten in cd/m<sup>2</sup>**

$\gamma$  65°   
   $\gamma$  70°   
   $\gamma$  75°   
   $\gamma$  80°   
   $\gamma$  85°

**Seriendokumentation**  
00 07 0000

