

## Lichttechnischer Prüfbefund

**Familie**  
**Streetlight 11 midi LED**

**Bestell-Nr.: 5XC3K51Y08ME**  
**EAN: 4058352991985**

**LP-Nummer**  
**59598\_101**



**Ausführung** Mastansatz- / Mastaufsatzmontage, Smart Interface oben/unten

**Optik** asymmetrisch, extrem breit strahlend mit zusätzlichem rückwärtigen Lichtanteil (ST1.0P1.0)

**Abdeckung** klar, PMMA

**Bestückung** LED 3000 K | CRI ≥ 70

**Betriebsgerät** EVG SITECO iQ - Smart Interface

**Bemessungswerte** Nettolichtstrom = 17540 lm  
Systemleistung = 122.7 W  
Lichtausbeute = 143 lm/W

**Seriendokumentation**  
**23.05.2024**

**siteco**

**Lichtstärke in cd/klm**

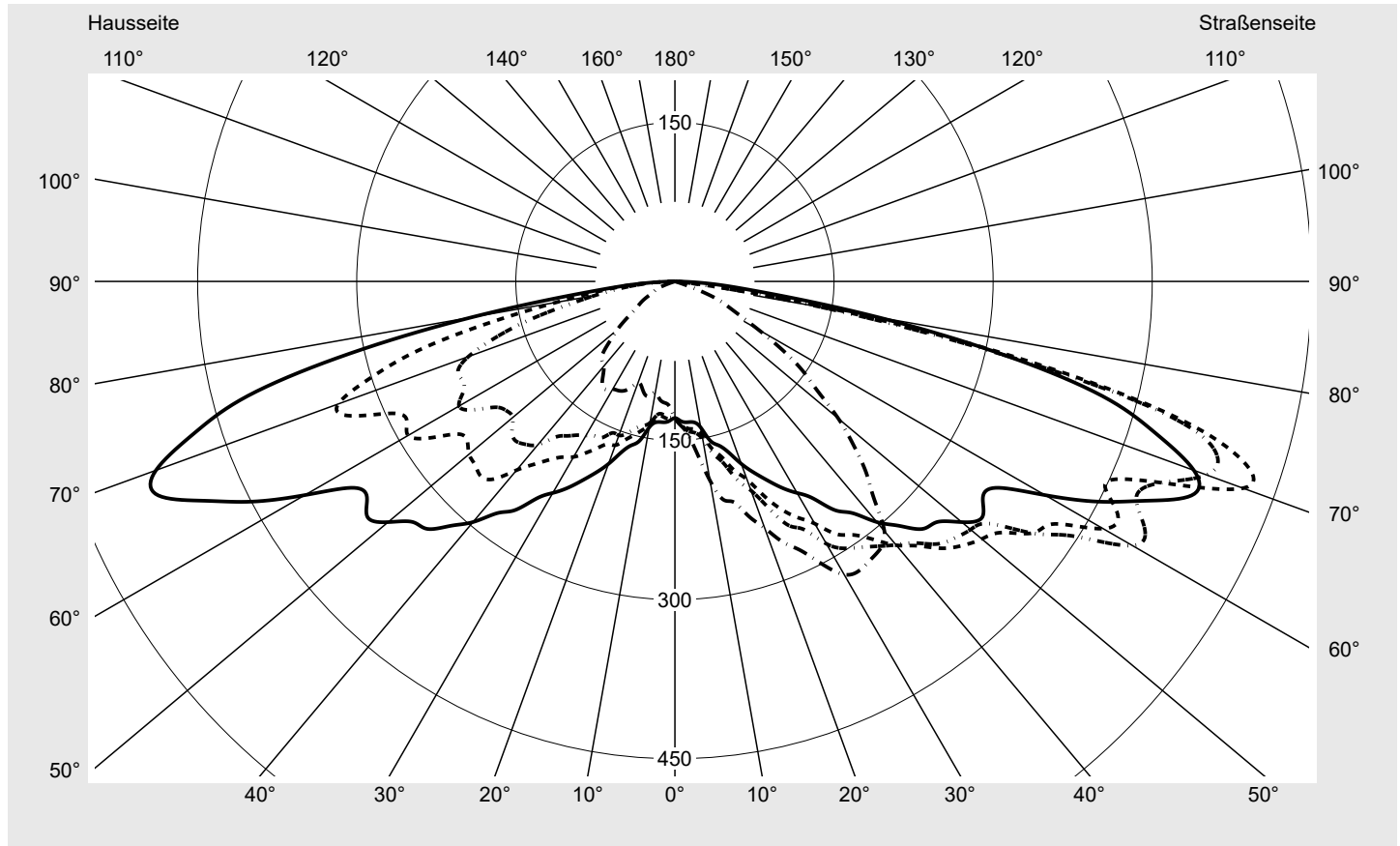
**C180-0**

**C190-10**

**C195-15**

**C270-90**

**Imax: 570 cd/klm**



**Leuchtenbetriebswirkungsgrade**

Eta 100.0%  
Eta 0° - 90° 100.0%  
Eta 90° - 180° 0.0%

**Lichtstärkeklasse nach EN13201-2**

Klasse: G1  
Imax 70° 570.0  
Imax 80° 194.2  
Imax 90° 0.0  
Imax >90° 0.0  
Imax >95° 0.0

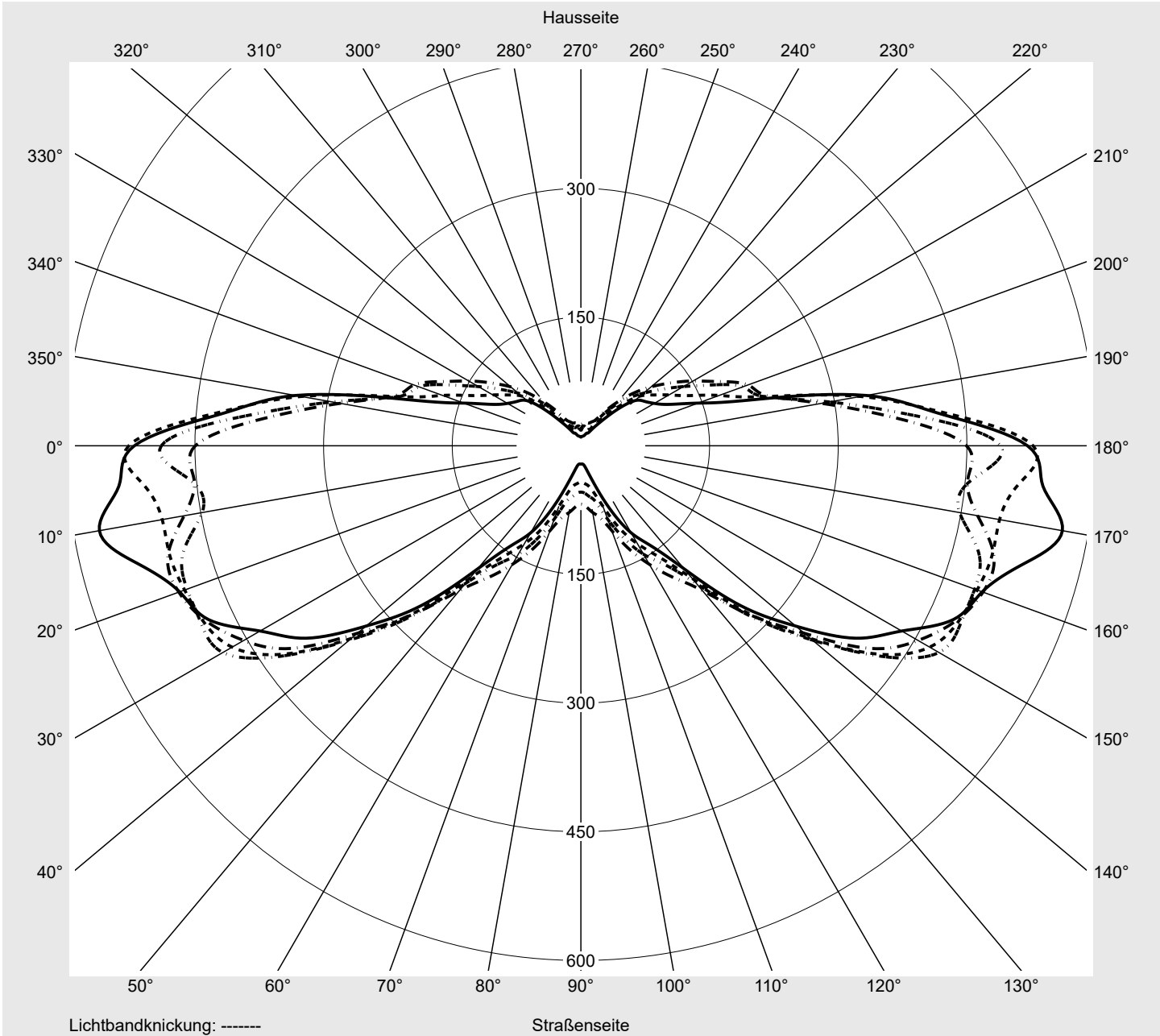
**Messbedingungen**

DIN EN 13032 und DIN 5032

**Lichttechnischer Prüfbefund**

<b>Familie</b> Streetlight 11 midi LED	<b>Bestell-Nr.: 5XC3K51Y08ME</b> <b>EAN: 4058352991985</b>	<b>LP-Nummer</b> 59598_101
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**Kegelmantelkurven in cd/klm**    **KMK 70°**    **KMK 67,5°**    **KMK 65°**    **KMK 62,5°**    **siteco**



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

C- Ebenen	0° 180°	5° 175°	10° 170°	15° 165°	20° 160°	25° 155°	30° 150°	35° 145°	40° 140°	45° 135°	50° 130°	55° 125°	60° 120°
γ	Lichtstärke in cd/klm												
0,0°	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8
2,5°	131.9	133.0	133.9	134.9	136.1	137.0	137.6	138.2	138.4	138.5	138.6	138.7	138.2
5,0°	133.2	136.1	139.1	141.6	143.8	145.8	147.7	148.9	150.0	150.6	150.8	149.9	149.1
7,5°	133.9	136.7	140.4	143.9	148.1	152.1	155.7	158.2	158.9	158.6	158.4	158.4	159.6
10,0°	139.8	141.8	146.6	151.1	155.9	160.4	164.9	168.7	170.8	173.0	175.3	176.7	178.6
12,5°	153.8	157.6	161.6	166.2	169.1	171.2	176.1	181.5	186.9	191.6	196.8	199.1	199.2
15,0°	160.1	165.4	171.7	177.5	183.0	187.6	191.5	195.4	200.4	206.8	214.2	217.9	218.8
17,5°	169.3	178.0	187.1	196.4	203.5	208.6	212.0	216.7	220.7	218.5	217.9	222.6	227.4
20,0°	183.0	191.6	198.6	209.8	221.5	227.3	234.2	244.4	249.0	244.2	236.4	234.3	238.0
22,5°	195.3	207.5	218.4	231.4	244.2	251.9	258.2	267.9	272.6	262.1	253.0	252.2	253.5
25,0°	207.2	222.0	236.9	253.8	268.0	277.5	283.2	287.7	288.4	275.0	267.2	267.5	267.1
27,5°	219.5	234.3	251.0	263.8	277.1	288.5	297.3	298.5	295.3	286.3	280.2	275.6	280.0
30,0°	230.3	247.6	263.8	285.6	293.7	300.0	305.9	307.8	305.7	298.8	293.0	289.9	294.2
32,5°	242.6	261.6	282.3	298.4	304.0	314.0	318.4	317.2	318.5	315.8	308.8	304.6	308.6
35,0°	263.3	275.9	291.7	306.0	312.3	319.0	312.7	316.6	318.1	316.0	314.1	310.6	312.4
37,5°	275.4	291.3	306.4	314.7	315.0	318.9	317.9	321.2	320.4	314.5	312.7	306.2	307.9
40,0°	296.1	313.6	324.7	324.1	320.8	324.9	322.6	320.2	320.4	311.0	304.3	302.3	300.5
42,5°	312.4	321.4	338.0	334.4	334.0	338.3	336.0	329.2	317.9	310.9	306.3	302.6	296.3
45,0°	330.0	336.5	355.8	350.0	339.1	343.8	341.2	333.1	324.1	318.3	303.0	288.9	283.3
47,5°	335.6	350.0	368.3	358.1	351.4	357.2	351.5	334.1	325.6	321.8	297.9	269.4	267.7
50,0°	353.0	372.9	377.7	364.0	346.4	357.3	356.7	346.4	324.5	308.7	286.4	263.1	245.6
52,5°	365.2	381.4	388.9	375.2	352.6	361.6	360.7	335.6	312.7	291.9	264.5	237.7	218.9
55,0°	354.5	386.7	413.1	414.4	387.7	377.5	376.0	352.6	321.7	279.8	234.7	214.6	196.8
57,5°	362.1	390.7	425.4	447.3	428.7	416.3	395.6	369.7	324.7	270.0	225.0	198.9	184.3
60,0°	402.9	425.8	466.2	498.1	480.2	457.1	421.3	382.8	330.9	266.1	224.8	197.9	175.4
62,5°	449.6	452.7	469.7	498.5	498.9	482.6	453.9	411.9	340.0	278.7	220.4	187.2	159.5
65,0°	489.3	457.3	448.4	480.1	488.6	488.8	482.0	428.0	352.5	282.5	209.7	168.4	146.0
67,5°	527.2	512.5	495.7	496.1	491.7	485.4	469.5	423.6	349.4	276.2	201.9	157.9	131.9
70,0°	520.7	540.8	570.0	533.5	497.9	479.3	431.9	391.1	327.0	263.8	187.4	142.4	117.2
72,5°	474.8	514.1	560.7	534.5	496.0	445.7	379.7	338.9	300.1	256.8	180.0	96.8	59.1
75,0°	416.9	459.0	481.8	473.4	430.7	360.9	291.7	269.6	241.5	167.7	78.6	26.6	9.3
77,5°	313.8	328.3	326.2	309.8	269.3	236.0	197.5	154.9	90.6	32.8	9.1	2.3	1.7
80,0°	194.2	175.7	157.7	141.7	116.5	99.5	70.8	31.3	8.5	2.8	2.3	1.8	1.4
82,5°	95.9	70.3	42.3	38.2	31.5	21.9	9.0	2.9	2.8	2.2	1.6	1.3	1.0
85,0°	49.2	29.2	8.7	5.4	2.2	2.1	1.9	2.0	2.1	1.5	1.0	0.8	0.7
87,5°	18.5	10.9	3.2	2.0	0.8	0.7	0.7	0.8	0.8	0.6	0.4	0.3	0.2
90,0°	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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<b>Wertetabelle Lichtstärkemessung</b>		<b>Maximale Lichtstärke</b>
		<b>siteco</b>

C- Ebenen	65° 115°	70° 110°	75° 105°	80° 100°	85° 95°	90°	185° 355°	190° 350°	195° 345°	200° 340°	205° 335°	210° 330°	215° 325°
γ	Lichtstärke in cd/klm												
0,0°	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8
2,5°	137.7	137.2	137.2	137.0	136.7	136.4	130.8	129.7	128.3	126.9	125.9	124.4	123.5
5,0°	148.3	147.5	146.3	145.6	145.6	145.4	130.9	128.1	126.1	124.4	122.6	121.0	119.5
7,5°	160.9	161.8	162.9	164.0	164.5	164.8	130.9	128.5	126.8	125.1	123.6	122.3	120.5
10,0°	180.6	182.9	186.2	188.2	190.4	190.8	138.1	137.2	135.4	132.7	129.7	126.8	124.0
12,5°	199.8	201.5	202.2	205.9	209.2	210.7	149.3	143.8	139.4	135.0	131.8	129.6	127.7
15,0°	219.8	218.8	218.2	217.9	216.3	215.6	155.6	150.2	143.5	137.8	133.9	129.6	126.2
17,5°	230.2	230.9	232.8	233.2	232.6	232.4	163.3	156.9	150.2	143.0	135.9	130.7	126.6
20,0°	242.6	246.6	249.9	249.0	246.1	247.5	173.5	164.3	154.4	145.3	137.7	132.8	128.9
22,5°	257.9	263.1	267.9	267.8	266.8	266.0	178.1	166.0	154.6	146.4	141.2	135.6	129.1
25,0°	272.5	275.2	278.1	279.7	279.5	279.7	187.9	173.5	162.5	150.1	141.7	135.9	130.3
27,5°	283.9	288.0	292.7	298.1	303.2	300.4	200.3	182.4	164.2	149.2	141.3	133.5	125.9
30,0°	295.7	298.8	307.9	315.1	320.1	319.1	210.1	191.1	167.7	152.1	139.7	128.9	122.5
32,5°	309.5	307.7	316.0	326.8	326.3	323.3	221.8	196.4	171.9	154.5	141.3	130.6	126.1
35,0°	315.7	316.0	319.8	329.7	328.2	320.8	234.9	205.0	177.8	157.2	143.5	133.8	130.0
37,5°	311.4	314.7	321.6	323.8	321.7	318.0	246.6	217.1	185.1	162.6	146.2	137.4	132.5
40,0°	300.4	304.0	306.6	307.6	305.8	307.3	259.9	232.3	200.9	175.1	157.1	142.7	133.5
42,5°	298.0	296.3	284.8	282.1	279.3	277.9	281.6	252.7	208.4	183.7	165.0	147.9	135.8
45,0°	283.3	277.6	270.5	266.3	258.8	255.0	299.2	259.3	212.5	186.0	171.9	155.0	138.5
47,5°	262.9	249.5	240.4	236.4	228.4	228.4	300.4	255.8	208.4	188.7	177.3	160.7	142.4
50,0°	234.0	222.6	216.2	207.1	200.1	201.1	306.5	253.4	199.5	191.1	179.4	162.1	144.7
52,5°	207.5	199.9	191.1	174.9	169.1	169.4	305.8	246.8	200.2	194.8	177.6	161.3	145.3
55,0°	184.4	174.4	163.3	144.6	142.5	147.3	302.3	250.8	206.9	197.2	177.1	159.9	146.1
57,5°	166.8	145.7	129.4	122.9	119.5	120.1	318.9	274.7	225.3	205.6	178.7	157.4	140.5
60,0°	148.4	123.1	105.4	100.4	94.6	90.6	338.6	290.5	235.0	212.7	183.3	157.2	139.9
62,5°	132.7	105.2	86.9	79.0	71.3	68.1	369.5	284.9	224.8	207.3	177.2	151.1	127.7
65,0°	118.8	91.0	68.2	60.6	55.7	54.1	394.7	294.3	220.9	201.1	167.7	138.1	114.8
67,5°	105.6	75.0	55.4	46.9	43.9	41.9	429.6	331.1	221.4	171.6	138.4	118.6	103.3
70,0°	83.4	50.6	32.2	23.8	21.4	21.3	422.2	337.8	207.2	145.4	114.2	98.8	90.4
72,5°	32.1	14.6	8.3	5.7	5.1	5.0	382.4	299.4	178.7	119.1	97.5	79.5	74.4
75,0°	2.7	2.1	2.0	2.0	1.9	1.8	322.7	249.4	144.9	97.8	82.2	66.0	59.2
77,5°	1.6	1.4	1.3	1.2	1.0	0.7	239.4	177.2	106.3	78.7	65.8	54.4	41.8
80,0°	1.0	0.7	0.7	0.7	0.4	0.1	150.4	113.6	77.2	57.2	47.9	37.8	23.0
82,5°	0.7	0.5	0.4	0.4	0.2	0.1	85.5	73.4	53.9	34.9	29.6	23.5	15.1
85,0°	0.5	0.3	0.2	0.1	0.1	0.1	48.1	46.3	33.0	19.7	17.2	14.4	9.3
87,5°	0.2	0.1	0.1	0.1	0.0	0.0	18.1	17.4	12.4	7.4	6.4	5.3	3.6
90,0°	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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<b>Wertetabelle Lichtstärkemessung</b>	<b>Maximale Lichtstärke</b>	<b>siteco</b>
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C- Ebenen	220° 320°	225° 315°	230° 310°	235° 305°	240° 300°	245° 295°	250° 290°	255° 285°	260° 280°	265° 275°	270°	Phi-Zone	Summe Phi-Zone
γ	Lichtstärke in cd/klm											Lichtstrom in lm/klm	
0,0°	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8	128.8	0.2	0.2
2,5°	122.4	121.5	120.2	119.6	119.4	118.7	118.3	117.8	117.9	117.9	117.9	1.6	1.7
5,0°	117.9	116.6	116.0	115.3	114.9	114.6	114.4	114.6	115.2	115.0	114.8	3.2	4.9
7,5°	119.1	117.8	115.7	114.3	112.7	111.5	111.0	110.9	111.1	111.7	111.7	4.9	9.8
10,0°	121.6	120.1	119.5	118.7	117.4	116.3	114.5	112.3	108.7	107.1	106.2	7.0	16.8
12,5°	125.5	122.9	121.0	120.2	118.7	117.1	115.3	113.3	112.0	110.9	110.5	9.3	26.0
15,0°	124.2	122.7	120.5	118.0	115.4	113.9	112.4	111.3	110.7	110.1	110.0	11.6	37.6
17,5°	123.9	121.5	119.1	116.9	114.8	111.9	108.9	107.5	106.5	105.1	104.2	14.1	51.7
20,0°	124.1	122.5	120.7	118.6	117.5	115.2	111.1	107.0	103.9	102.5	101.6	16.9	68.6
22,5°	124.4	120.3	118.9	118.7	118.8	115.4	113.0	112.5	110.9	109.1	108.4	20.1	88.7
25,0°	124.3	120.2	118.2	117.8	115.8	112.2	110.6	111.5	111.5	112.6	113.8	23.2	112.0
27,5°	123.7	123.0	121.3	119.2	115.2	112.4	110.5	111.7	113.6	113.8	115.9	26.3	138.3
30,0°	121.6	121.9	120.2	115.1	112.8	112.3	111.8	112.9	112.4	114.0	117.3	29.5	167.7
32,5°	125.1	122.2	119.6	113.5	109.6	106.8	103.3	106.8	111.0	115.6	120.7	32.6	200.4
35,0°	128.0	123.4	116.6	109.8	104.3	99.9	95.3	100.0	109.5	115.6	119.4	35.3	235.7
37,5°	127.2	121.8	115.0	105.6	95.1	94.1	93.7	97.8	102.8	107.4	111.2	37.6	273.3
40,0°	127.0	119.2	110.8	98.8	86.1	85.8	87.6	94.0	99.0	101.6	104.4	39.8	313.1
42,5°	126.5	116.2	102.2	93.8	85.0	84.4	84.3	88.1	92.1	96.6	101.7	41.9	355.0
45,0°	127.2	113.3	98.3	89.8	85.8	80.5	81.0	85.7	84.0	88.6	96.2	43.8	398.8
47,5°	124.6	107.3	92.8	84.4	77.3	73.3	72.7	73.3	71.2	75.2	83.0	44.6	443.5
50,0°	127.2	104.6	86.2	80.1	74.0	67.2	64.2	63.3	61.4	65.6	71.3	45.2	488.7
52,5°	131.5	105.6	81.7	72.0	65.7	58.4	53.3	51.7	51.6	55.0	57.6	45.1	533.7
55,0°	129.7	103.0	79.2	65.7	56.6	50.0	45.3	43.1	41.2	43.2	45.4	45.6	579.4
57,5°	125.5	98.5	74.0	59.0	49.1	43.6	39.6	37.7	36.7	38.4	39.2	46.9	626.3
60,0°	122.3	95.6	68.9	52.1	41.7	36.0	34.1	32.4	31.1	31.8	32.9	49.2	675.5
62,5°	107.0	86.8	66.7	49.3	35.5	31.0	28.2	27.6	26.8	26.0	25.1	50.3	725.9
65,0°	95.4	78.6	60.9	43.7	28.4	25.2	22.6	22.3	23.3	22.9	21.2	50.4	776.3
67,5°	90.2	68.6	47.9	33.9	23.5	21.0	18.2	17.6	19.2	19.3	18.2	51.0	827.3
70,0°	81.7	59.6	38.0	25.4	17.6	16.3	13.6	11.9	11.3	10.7	10.1	49.6	876.9
72,5°	66.1	47.7	29.7	17.2	8.9	7.4	5.5	4.0	3.2	2.9	2.7	44.5	921.4
75,0°	49.4	32.6	13.5	7.1	3.1	2.2	1.7	1.5	1.4	1.3	1.2	35.7	957.1
77,5°	29.2	15.6	5.4	3.3	2.0	1.6	1.3	1.1	1.0	1.0	0.9	23.1	980.2
80,0°	11.2	5.9	2.9	2.2	1.5	1.2	1.0	0.8	0.7	0.7	0.7	11.6	991.8
82,5°	7.7	4.3	2.2	1.7	1.2	0.9	0.8	0.6	0.5	0.5	0.5	5.0	996.8
85,0°	4.8	2.8	1.4	1.1	0.8	0.7	0.5	0.4	0.4	0.3	0.3	2.3	999.1
87,5°	1.8	1.0	0.5	0.4	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.9	1000.0
90,0°	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

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<b>Dimmstufen-Tabelle</b>		<b>Umgebungstemperatur: 25°C</b>
<b>siteco</b>		

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	17540	122.7	130.2	126.4
95	241	252	16642	115.1	122.2	118.6
90	229	250	15814	108.3	114.8	111.6
85	216	248	14916	101.2	107.2	104.2
80	203	246	14018	94.2	99.8	97.0
75	190	243	13120	87.4	92.6	90.0
70	178	241	12292	81.3	86.1	83.7
65	165	238	11394	74.7	79.2	77.0
60	152	235	10496	68.3	72.3	70.3
55	140	232	9668	62.5	66.2	64.4
50	127	229	8770	56.1	59.6	57.8
45	114	225	7872	50.0	53.0	51.5
40	102	221	7044	44.5	47.1	45.8
35	89	216	6146	38.7	40.9	39.8
30	76	210	5248	32.9	34.7	33.8
25	63	203	4350	27.2	28.8	28.0
20	51	195	3522	22.1	23.3	22.7
15	38	184	2624	16.7	17.5	17.1
13	33	179	2279	14.7	15.4	15.0