

## Lichttechnischer Prüfbefund

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

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

**LP-Nummer**  
**59352\_86**



**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**  
**28.09.2023**

**siteco**

**Lichtstärke in cd/klm**

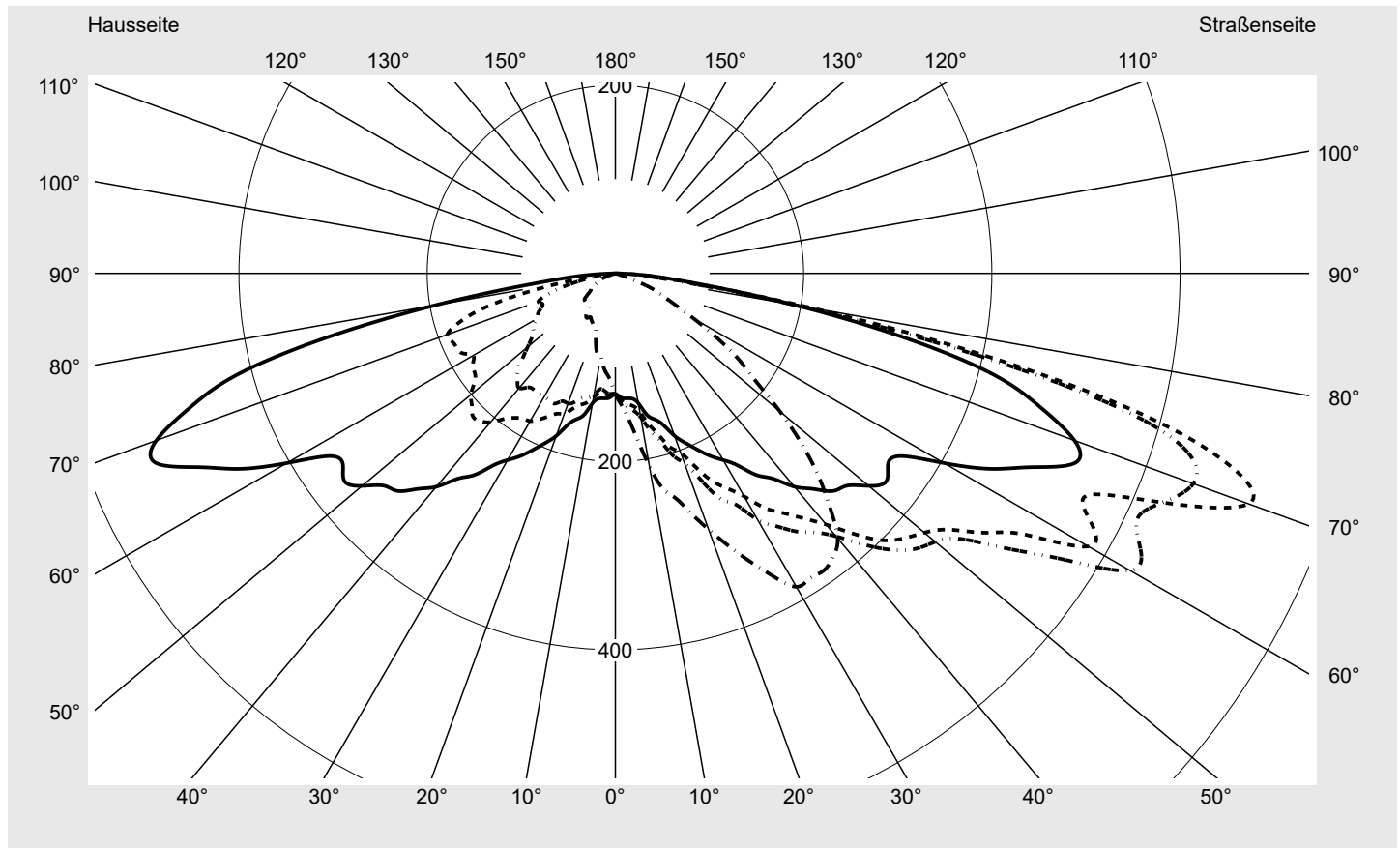
**C180-0**

**C190-10**

**C195-15**

**C270-90**

**Imax: 716 cd/klm**



**Leuchtenbetriebswirkungsgrade**

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

**Lichtstärkeklasse nach EN13201-2**

Klasse:	---
Imax 70°	715.9
Imax 80°	211.6
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

**Messbedingungen**

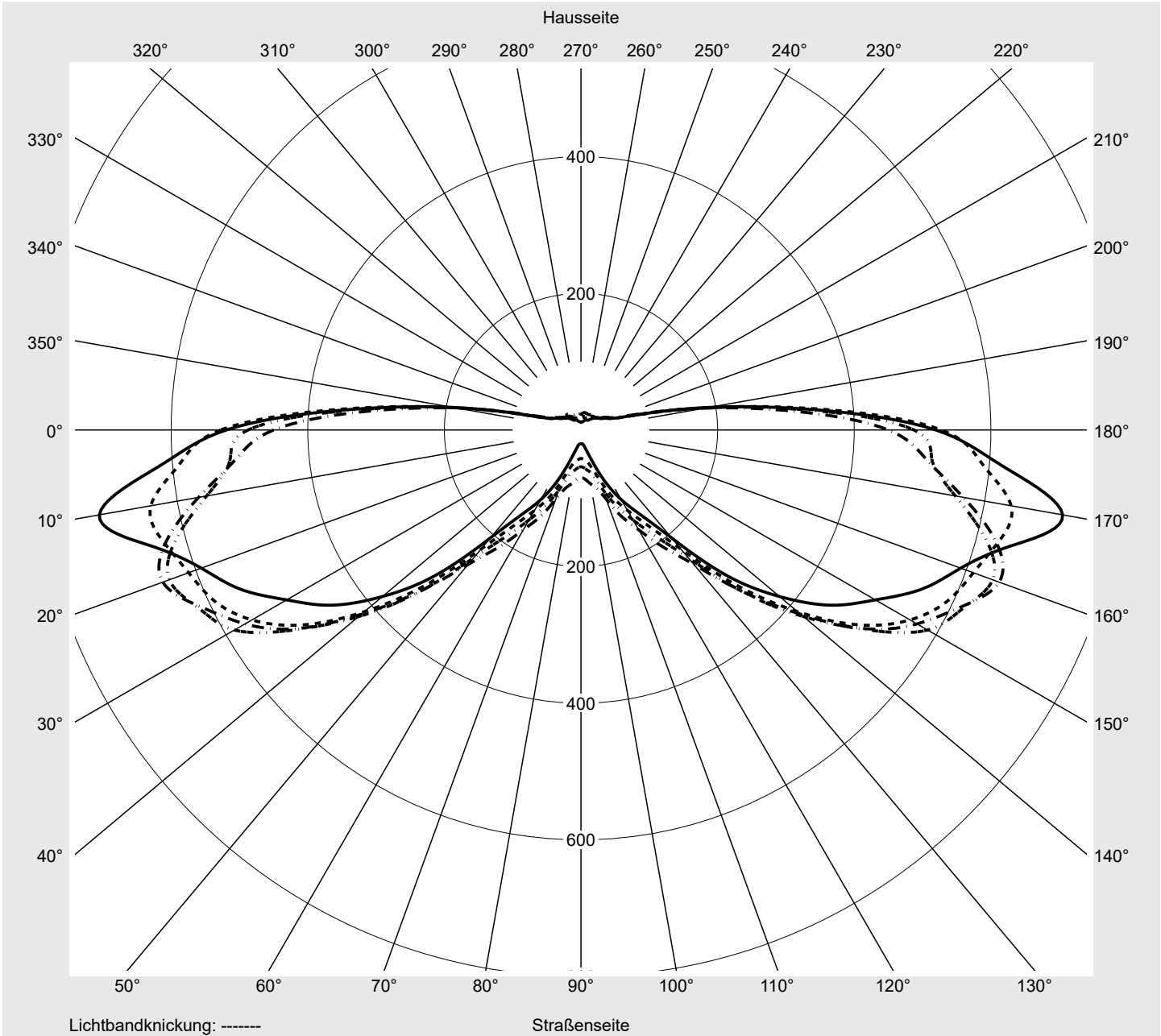
DIN EN 13032 und DIN 5032

**Lichttechnischer Prüfbefund**

<b>Familie</b> Streetlight 11 midi LED	<b>Bestell-Nr.:</b> 5XC3K51Y08ME <b>EAN:</b> 4058352991985	<b>LP-Nummer</b> 59352_86
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**Kegelmantelkurven in cd/klm**    **KMK 70°**    **KMK 67,5°**    **KMK 65°**    **KMK 62,5°**



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### Wertetabelle Lichtstärkemessung Maximale Lichtstärke

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°
$\gamma$	Lichtstärke in cd/klm												
0,0°	128.2	128.2	128.2	128.2	128.2	128.2	128.2	128.2	128.2	128.2	128.2	128.2	128.2
2,5°	131.9	133.1	134.4	135.3	136.1	137.2	138.1	138.5	138.9	139.0	139.3	139.7	140.0
5,0°	133.3	136.3	139.2	142.0	144.2	146.8	149.3	150.8	152.3	154.0	154.1	154.1	154.2
7,5°	134.2	137.3	142.1	147.0	151.6	156.3	160.9	163.9	165.5	166.2	166.4	167.5	169.8
10,0°	140.0	143.8	149.6	155.4	160.3	165.9	171.0	176.6	180.6	184.8	189.2	191.7	194.2
12,5°	153.8	159.9	164.5	170.5	174.5	179.0	185.9	193.5	201.5	207.2	212.6	217.0	218.2
15,0°	160.5	168.7	177.7	183.9	189.8	198.0	203.8	210.6	218.6	226.9	235.9	241.4	244.7
17,5°	168.8	181.3	193.8	202.8	211.2	220.6	226.5	232.5	237.6	240.4	243.6	251.6	259.6
20,0°	183.7	194.6	202.9	215.1	230.5	240.6	251.4	262.0	264.0	267.2	266.7	270.0	277.4
22,5°	195.2	209.8	222.8	237.7	255.0	268.7	279.1	288.6	294.5	291.2	288.3	291.7	296.8
25,0°	206.8	223.4	243.5	264.4	283.7	298.5	310.0	318.7	318.7	310.6	309.8	312.9	314.5
27,5°	218.8	238.9	257.7	276.8	296.1	315.4	328.9	335.6	334.9	328.2	328.2	328.1	333.0
30,0°	229.1	251.4	273.7	302.4	319.0	329.9	343.0	351.4	352.9	349.2	351.7	347.0	346.1
32,5°	242.1	269.4	295.4	318.6	334.2	353.6	363.1	368.9	375.2	371.5	368.4	360.1	360.1
35,0°	261.7	283.1	310.9	334.7	348.2	363.7	367.7	375.9	382.1	380.9	376.9	366.9	362.4
37,5°	275.0	302.3	328.0	346.9	361.7	374.6	383.0	386.3	384.6	381.1	372.6	362.9	351.7
40,0°	295.9	325.1	348.4	364.7	379.0	389.7	398.2	394.9	389.9	378.8	363.5	351.0	337.2
42,5°	310.6	339.7	375.5	390.8	405.9	417.4	419.7	407.0	389.2	375.6	363.2	351.1	338.1
45,0°	327.0	356.8	401.0	415.5	422.4	435.0	432.0	419.7	398.7	383.6	359.5	333.6	325.0
47,5°	333.9	374.9	416.5	433.1	447.7	461.2	453.6	427.5	405.6	391.2	348.5	311.8	303.8
50,0°	351.3	396.6	428.7	443.8	458.8	467.3	466.8	442.8	412.8	374.7	335.7	302.3	279.2
52,5°	362.8	409.2	447.3	463.6	472.4	479.1	473.9	438.9	404.4	361.4	312.7	270.8	244.5
55,0°	353.5	419.5	480.5	510.4	523.1	504.3	493.2	458.8	414.4	346.1	280.2	243.6	218.3
57,5°	361.3	439.7	516.9	566.3	574.9	547.1	515.9	475.9	416.0	335.6	267.1	224.4	202.3
60,0°	403.1	486.3	580.4	631.1	636.4	593.2	539.7	488.6	417.9	327.6	263.9	223.6	188.6
62,5°	449.9	508.7	568.4	628.4	651.5	613.4	567.9	507.1	419.8	334.7	257.1	208.9	168.8
65,0°	487.4	516.0	556.5	612.9	641.3	617.4	585.9	509.9	425.2	335.5	244.6	189.6	152.1
67,5°	527.6	591.0	639.4	632.8	611.2	592.2	556.2	497.7	413.8	320.6	228.0	170.6	135.9
70,0°	519.1	621.7	715.9	653.5	591.6	551.0	497.6	447.4	379.4	300.9	206.4	151.2	117.8
72,5°	473.8	582.3	687.8	639.5	567.2	504.4	431.3	383.3	340.4	281.0	189.5	101.8	60.1
75,0°	416.3	513.3	580.7	556.3	489.7	409.1	328.8	303.1	269.2	185.1	81.6	28.7	9.7
77,5°	313.0	368.1	399.1	375.0	320.3	276.7	231.0	180.0	107.5	42.5	10.9	3.3	1.9
80,0°	193.3	205.6	211.6	192.3	158.7	133.4	99.0	48.9	15.9	5.9	2.9	2.1	1.5
82,5°	95.8	94.8	91.2	78.0	60.2	46.5	29.0	15.0	7.5	4.3	2.2	1.6	1.2
85,0°	49.4	47.7	46.4	32.8	19.7	17.3	14.3	9.4	4.8	2.7	1.4	1.1	0.8
87,5°	18.5	18.0	17.4	12.3	7.3	6.4	5.3	3.5	1.8	1.0	0.5	0.4	0.3
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	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°	128.2	128.2	128.2	128.2	128.2	128.2	128.2	128.2	128.2	128.2	128.2	128.2	128.2
2,5°	139.7	139.2	139.3	139.5	139.6	139.5	130.6	129.3	128.1	127.1	125.8	124.4	123.2
5,0°	154.0	153.5	153.4	153.5	154.3	153.9	131.0	128.3	125.8	123.5	120.9	118.8	116.8
7,5°	171.5	172.2	173.4	174.8	176.4	177.3	130.7	127.2	124.0	121.7	119.7	117.5	115.2
10,0°	196.7	199.5	202.4	204.3	207.0	208.0	136.6	134.1	131.0	128.3	124.5	120.1	115.3
12,5°	220.5	223.4	225.6	229.3	233.0	234.6	147.2	140.8	135.1	129.1	123.4	118.9	115.0
15,0°	246.7	246.7	249.3	249.3	247.0	247.3	153.2	144.8	137.0	130.4	123.2	116.0	110.6
17,5°	263.7	263.9	267.0	268.9	268.4	267.3	159.5	150.7	143.2	135.1	124.2	115.1	110.9
20,0°	283.7	287.5	288.9	289.9	287.7	289.6	170.7	158.5	147.2	136.2	123.9	115.3	112.5
22,5°	302.3	308.6	313.5	316.4	314.2	313.1	176.9	161.4	147.0	134.8	124.0	114.1	108.1
25,0°	319.6	325.0	330.2	333.5	335.7	337.5	185.9	167.5	152.7	135.2	120.4	108.9	101.7
27,5°	339.9	342.2	348.2	354.7	358.9	362.7	196.0	175.0	152.2	131.1	115.5	101.5	90.0
30,0°	350.5	354.2	362.3	371.3	380.3	384.6	206.0	181.2	151.3	128.1	109.5	92.6	79.5
32,5°	360.5	358.1	371.9	386.1	389.5	384.4	214.1	182.9	151.7	125.9	103.9	85.8	74.0
35,0°	363.6	363.5	372.6	389.9	389.0	385.7	226.4	187.4	151.1	120.7	97.8	79.7	70.6
37,5°	354.5	356.5	368.3	381.3	381.6	380.0	236.5	195.1	152.6	116.8	91.1	72.8	66.4
40,0°	342.3	347.0	351.6	357.7	363.5	367.5	247.9	206.3	159.2	117.9	90.7	68.7	61.2
42,5°	339.3	336.1	327.7	330.1	331.6	337.6	263.3	212.9	153.9	111.4	86.4	64.7	57.2
45,0°	321.2	313.7	310.4	306.0	304.1	305.7	277.7	214.3	146.6	99.8	80.5	63.4	53.5
47,5°	299.5	281.5	270.1	265.8	264.6	268.8	276.2	206.9	134.0	90.1	74.0	60.8	49.6
50,0°	262.1	248.2	239.5	227.8	224.5	228.3	281.5	200.4	121.7	81.1	68.2	55.1	45.9
52,5°	228.3	216.8	205.2	190.1	185.4	187.8	276.3	188.3	111.8	72.3	59.3	48.0	42.3
55,0°	199.7	185.0	171.8	152.6	152.8	160.7	269.3	182.7	106.3	63.6	51.7	43.1	38.9
57,5°	179.3	152.6	137.0	127.5	126.4	128.8	269.6	179.7	103.7	58.3	47.2	37.3	34.6
60,0°	155.7	127.5	108.3	102.7	97.7	96.2	278.8	174.5	97.1	56.9	46.7	36.8	34.2
62,5°	139.1	107.8	88.5	80.1	72.6	70.1	314.0	183.6	92.8	53.4	43.5	36.4	32.3
65,0°	122.3	92.6	68.8	60.7	55.9	54.0	333.9	186.3	87.0	49.3	42.3	35.8	29.9
67,5°	107.1	75.0	54.9	46.5	43.4	41.7	350.6	188.3	84.1	49.6	41.2	35.2	30.4
70,0°	83.7	49.8	31.3	22.8	20.5	20.3	341.6	190.0	87.1	49.6	40.6	33.1	31.3
72,5°	32.1	13.9	7.4	4.8	4.2	4.1	315.2	174.3	76.4	45.7	37.5	30.4	29.4
75,0°	2.6	1.7	1.5	1.3	1.2	1.2	268.9	148.1	61.6	40.1	35.1	29.3	26.7
77,5°	1.6	1.3	1.1	1.0	1.0	0.9	198.3	104.8	42.7	27.8	26.0	20.9	16.4
80,0°	1.2	1.0	0.8	0.7	0.7	0.7	119.3	59.6	25.9	15.2	13.3	9.2	5.3
82,5°	0.9	0.8	0.6	0.5	0.5	0.5	59.8	24.2	13.5	5.8	4.8	3.5	2.9
85,0°	0.6	0.5	0.4	0.4	0.3	0.3	29.0	8.5	5.3	2.1	2.0	1.9	2.0
87,5°	0.2	0.2	0.2	0.1	0.1	0.1	10.8	3.2	2.0	0.8	0.7	0.7	0.8
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	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°	128.2	128.2	128.2	128.2	128.2	128.2	128.2	128.2	128.2	128.2	128.2	0.2	0.2
2,5°	121.7	120.7	119.3	118.4	117.6	116.9	116.2	115.4	115.0	114.9	114.6	1.6	1.7
5,0°	114.8	113.1	112.0	110.8	109.7	109.0	108.3	107.7	107.4	107.0	106.8	3.2	4.9
7,5°	112.8	110.1	107.8	105.2	102.4	100.6	99.8	99.2	99.2	99.4	99.0	4.9	9.8
10,0°	111.0	108.1	106.0	104.2	102.2	100.5	98.4	95.8	92.3	90.4	89.5	7.0	16.8
12,5°	110.8	106.9	104.3	101.8	98.8	95.9	93.2	90.1	88.4	87.5	87.5	9.3	26.0
15,0°	106.6	103.0	99.1	94.7	90.0	86.2	83.5	81.4	80.1	79.8	79.9	11.6	37.6
17,5°	107.1	99.8	93.5	88.0	83.4	78.6	74.7	73.0	71.8	70.3	69.1	14.1	51.7
20,0°	109.2	100.0	89.7	83.8	79.9	76.0	71.7	67.3	64.0	62.0	61.1	16.9	68.6
22,5°	102.5	91.8	83.7	78.7	75.2	70.8	68.2	66.2	63.7	61.2	59.8	20.1	88.7
25,0°	95.1	84.8	76.7	72.5	67.6	62.8	60.8	59.7	57.7	57.3	57.7	23.2	112.0
27,5°	84.0	78.9	72.9	68.0	63.2	59.7	57.5	57.1	57.2	56.1	55.5	26.3	138.3
30,0°	72.7	70.2	65.5	61.1	60.2	59.3	57.7	56.9	54.7	53.5	53.6	29.5	167.8
32,5°	68.2	64.3	59.9	57.8	57.7	56.3	53.8	53.1	53.3	54.6	56.2	32.7	200.5
35,0°	64.3	59.7	55.2	54.1	55.3	52.4	49.2	48.4	52.0	54.4	54.1	35.3	235.8
37,5°	60.9	56.9	53.6	52.1	51.2	50.8	50.3	48.5	48.3	48.8	48.6	37.6	273.4
40,0°	57.3	53.2	50.6	49.1	47.0	46.1	47.1	48.1	48.2	45.9	43.8	39.8	313.2
42,5°	53.3	50.2	45.6	45.2	44.9	45.4	45.9	46.0	45.8	44.5	43.9	42.0	355.2
45,0°	50.6	48.2	43.3	43.6	45.2	43.5	45.9	47.8	44.0	43.3	44.1	43.8	399.0
47,5°	43.6	42.9	41.9	41.4	39.4	39.4	41.9	43.2	41.2	40.8	43.5	44.7	443.6
50,0°	41.1	39.3	38.2	40.8	40.1	38.6	39.8	40.6	40.0	40.8	42.8	45.2	488.8
52,5°	40.0	37.3	34.7	37.5	39.3	38.2	37.0	37.3	38.2	38.2	37.5	45.0	533.9
55,0°	36.4	34.1	34.0	35.6	36.0	35.8	35.0	34.6	33.9	33.1	32.3	45.6	579.5
57,5°	34.9	32.7	32.4	32.4	31.9	32.6	32.5	32.0	32.2	31.9	30.9	46.9	626.4
60,0°	33.1	32.7	30.8	29.0	28.2	28.2	29.7	29.3	29.1	28.7	28.4	49.2	675.6
62,5°	28.6	29.9	30.1	27.4	25.9	24.9	25.4	25.9	25.8	24.4	23.2	50.3	725.8
65,0°	26.9	27.0	26.4	23.8	22.4	21.6	21.1	21.7	23.2	22.9	21.2	50.5	776.3
67,5°	27.2	24.7	21.6	20.1	20.1	19.6	18.4	18.1	19.9	20.0	18.7	51.1	827.4
70,0°	28.3	23.8	19.9	17.2	16.8	16.4	14.5	12.9	12.3	11.6	11.0	49.5	876.9
72,5°	26.1	22.1	18.7	12.5	8.3	7.5	6.2	4.8	4.0	3.7	3.6	44.5	921.5
75,0°	22.3	16.3	9.7	4.9	2.6	2.2	2.1	2.0	2.0	1.9	1.9	35.7	957.2
77,5°	11.6	6.0	3.5	2.2	1.7	1.5	1.4	1.3	1.2	1.0	0.7	23.1	980.3
80,0°	3.7	2.8	2.2	1.8	1.4	1.0	0.7	0.7	0.7	0.4	0.1	11.5	991.8
82,5°	2.8	2.2	1.6	1.3	1.0	0.7	0.5	0.4	0.4	0.2	0.1	5.0	996.8
85,0°	2.1	1.5	1.0	0.8	0.6	0.4	0.3	0.2	0.1	0.1	0.1	2.3	999.1
87,5°	0.8	0.6	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.0	0.0	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>	Umgebungstemperatur: 25°C	<b>siteco</b>
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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