

## Lichttechnischer Prüfbefund

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

**Bestell-Nr.: 5XC3J51Y08ME**  
**EAN: 4058352991916**

**LP-Nummer**  
**59599\_101**



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

**Optik** asymmetrisch, extrem breit strahlend mit zusätzlichem rückwärtigen Lichtanteil (ST1.0ST0.5)

**Abdeckung** klar, PMMA

**Bestückung** LED 3000 K | CRI ≥ 70

**Betriebsgerät** EVG SITECO iQ - Smart Interface

**Bemessungswerte** Nettolichtstrom = 17650 lm  
Systemleistung = 122.7 W  
Lichtausbeute = 143.8 lm/W

**Seriendokumentation**  
**23.05.2024**

**siteco**

**Lichtstärke in cd/klm**

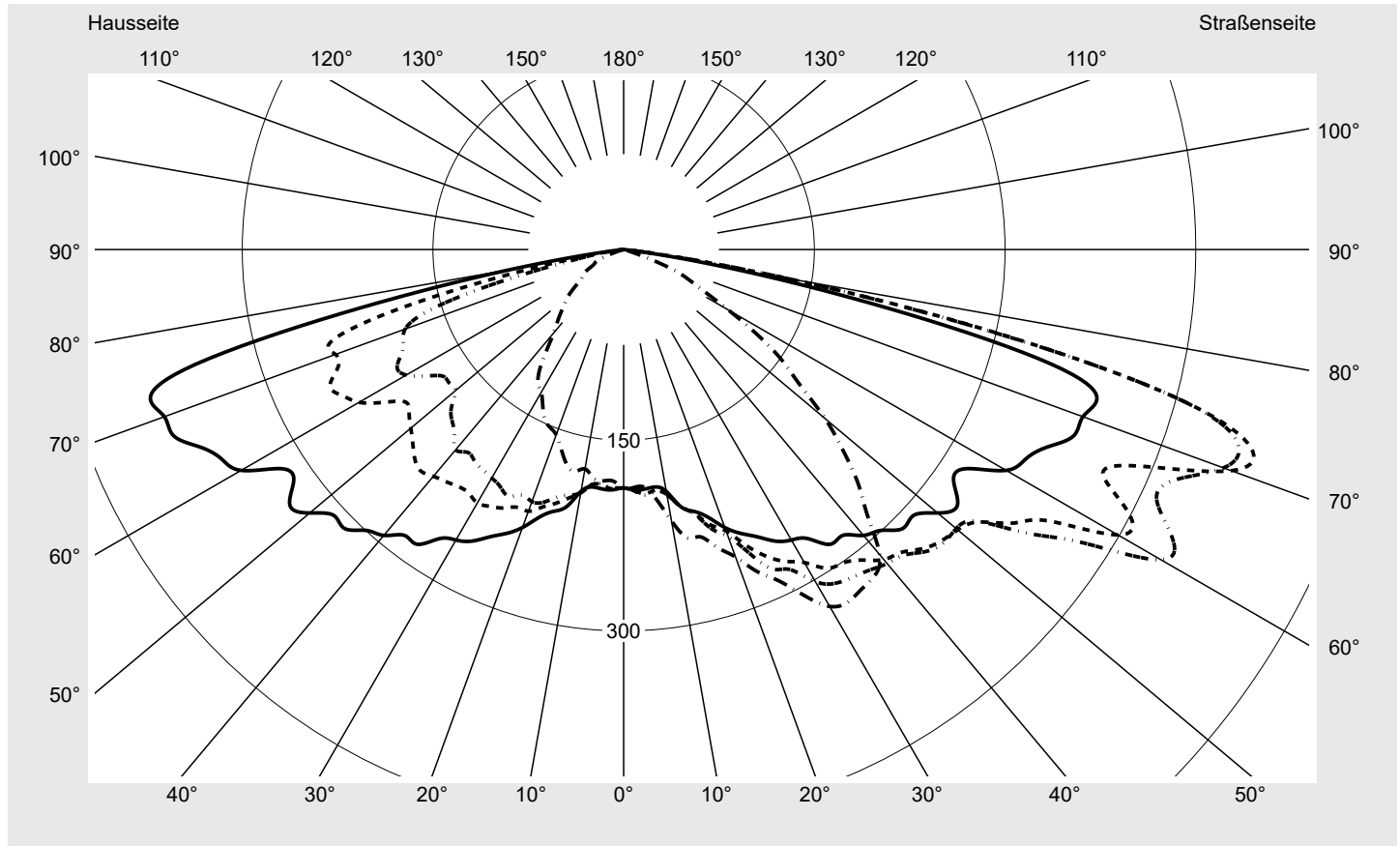
**C180-0**

**C190-10**

**C195-15**

**C270-90**

**Imax: 517 cd/klm**



**Leuchtenbetriebswirkungsgrade**

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

**Lichtstärkeklasse nach EN13201-2**

Klasse:	G2
Imax 70°	508.6
Imax 80°	129.6
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

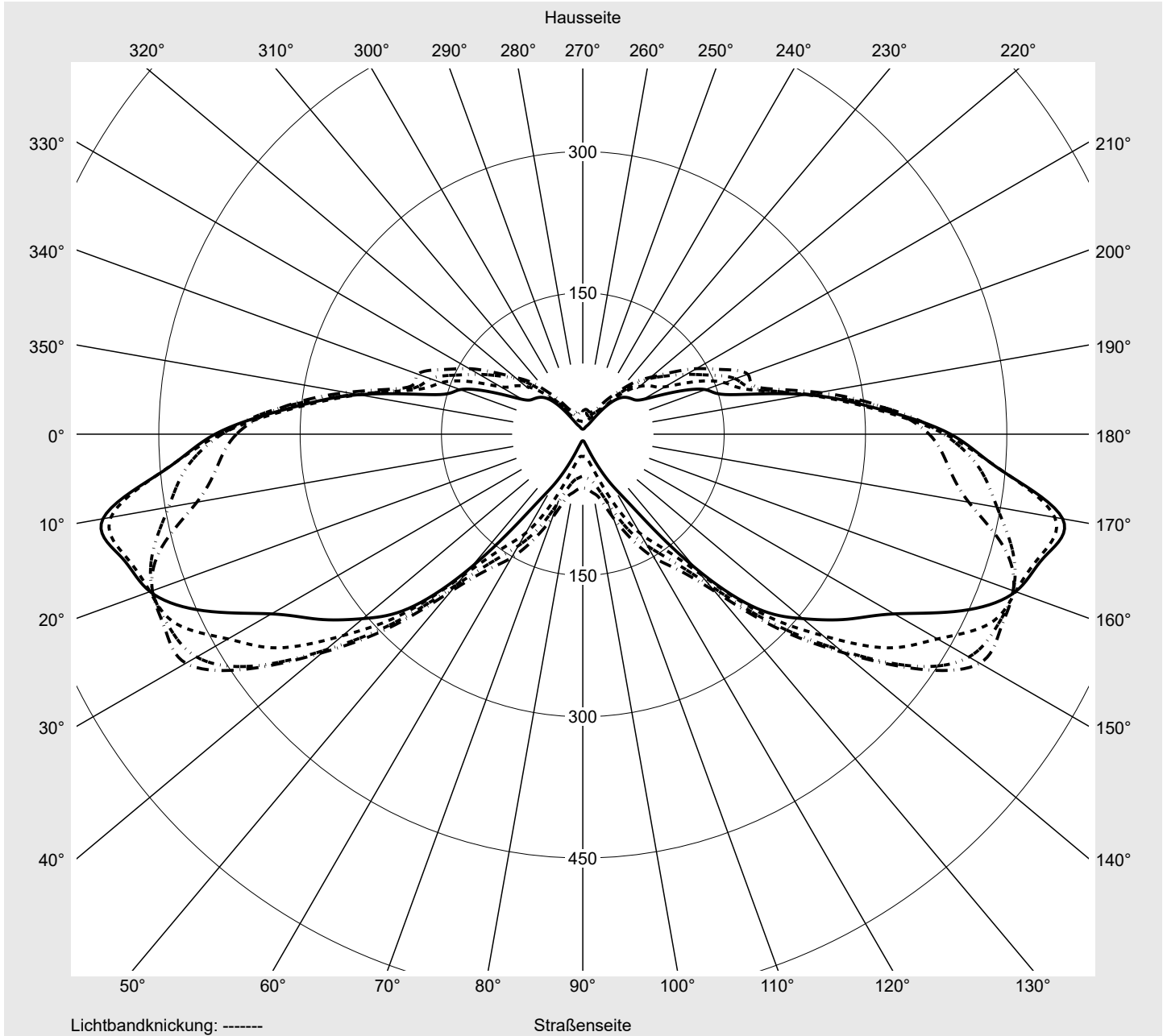
**Messbedingungen**

DIN EN 13032 und DIN 5032

# Lichttechnischer Prüfbefund

<b>Familie</b> Streetlight 11 midi LED	<b>Bestell-Nr.:</b> 5XC3J51Y08ME <b>EAN:</b> 4058352991916	<b>LP-Nummer</b> 59599_101
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**Kegelmantelkurven in cd/klm**    **KMK 72,5°**    **KMK 70°**    **KMK 67,5°**    **KMK 65°**    **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°	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6
2,5°	189.1	189.4	189.7	190.1	190.6	191.4	191.4	191.4	191.2	190.9	190.8	190.8	189.9
5,0°	189.1	190.9	192.7	193.8	194.6	195.1	196.0	196.0	196.2	196.1	195.3	193.9	192.8
7,5°	188.4	189.1	190.9	192.0	194.2	196.1	198.2	199.3	198.6	197.2	196.0	195.1	195.6
10,0°	193.1	192.8	194.5	195.7	197.5	199.0	200.7	202.6	203.2	204.5	205.9	206.4	207.3
12,5°	207.1	207.4	206.8	207.0	205.9	204.9	207.6	210.5	213.4	215.9	219.6	221.3	221.0
15,0°	213.2	213.9	215.1	215.3	215.4	216.8	218.3	219.3	221.4	225.0	230.3	233.5	234.7
17,5°	220.8	224.4	227.0	230.5	232.0	233.3	233.1	232.6	231.8	228.7	228.6	234.0	239.3
20,0°	232.7	235.4	235.6	240.2	246.3	248.1	251.0	253.1	250.8	248.0	243.6	243.0	247.2
22,5°	241.8	247.8	251.9	258.6	265.4	268.3	270.2	273.5	273.0	264.4	258.2	259.1	261.4
25,0°	249.4	257.8	266.3	277.3	286.2	290.8	292.6	292.4	289.3	277.1	271.6	273.5	274.2
27,5°	258.6	266.8	276.6	283.8	292.5	300.8	307.3	304.9	298.9	289.9	285.1	281.1	285.8
30,0°	263.8	274.9	284.3	301.7	306.4	311.5	316.4	315.8	311.5	304.2	298.8	295.6	299.7
32,5°	269.6	282.6	297.2	311.1	315.1	325.5	329.9	326.4	325.7	322.3	315.2	311.0	314.7
35,0°	283.0	289.9	301.0	314.5	321.6	329.2	324.5	326.1	326.3	323.5	321.5	317.6	319.1
37,5°	283.4	295.2	307.9	317.8	322.2	328.6	331.2	331.2	328.9	322.7	321.3	313.9	314.8
40,0°	293.5	307.9	318.4	322.3	325.9	332.8	335.7	330.0	329.4	320.2	313.8	310.8	307.8
42,5°	299.7	306.0	323.2	326.0	334.2	341.9	344.5	337.5	327.4	320.8	316.4	311.8	304.4
45,0°	310.4	313.5	332.7	335.9	335.6	345.9	346.1	341.0	334.2	328.8	313.5	298.6	291.8
47,5°	309.4	320.3	339.1	341.3	346.5	357.8	355.3	341.7	336.1	332.7	308.7	279.5	276.5
50,0°	322.4	339.4	343.0	341.5	341.7	354.3	359.8	353.8	335.4	319.9	297.5	273.2	254.5
52,5°	330.8	344.2	352.1	351.2	348.1	359.1	364.3	343.3	324.0	303.4	275.7	247.5	227.2
55,0°	316.8	346.8	375.0	389.5	383.4	376.6	380.4	360.5	332.6	291.1	245.8	224.1	204.6
57,5°	320.7	355.6	397.6	429.8	426.5	416.9	401.5	378.0	334.6	280.5	235.8	208.0	191.6
60,0°	347.4	395.1	448.9	488.1	481.1	459.2	428.0	390.9	339.9	275.8	235.1	206.7	182.0
62,5°	356.6	405.1	447.5	485.3	498.4	483.6	459.4	419.2	348.6	287.8	229.7	195.1	165.7
65,0°	367.6	389.3	415.9	462.5	486.1	489.2	486.4	434.7	360.9	290.9	218.0	175.5	151.5
67,5°	383.1	423.0	446.4	471.8	486.1	484.4	473.2	429.4	356.5	283.3	208.9	163.8	136.7
70,0°	384.5	447.0	508.6	502.2	488.9	476.2	434.8	395.5	332.9	269.7	193.5	147.4	121.4
72,5°	390.3	446.6	517.1	506.5	488.8	443.6	381.6	342.6	304.7	261.8	184.8	101.2	63.2
75,0°	348.3	408.5	449.2	449.2	425.3	358.9	292.4	272.0	244.8	171.5	82.2	30.3	13.1
77,5°	212.3	272.5	293.1	290.5	265.5	234.8	198.2	156.8	93.2	36.0	12.3	5.4	4.9
80,0°	88.8	115.3	129.6	128.3	113.9	98.6	71.2	32.4	10.0	5.0	4.8	4.4	4.0
82,5°	18.0	22.3	25.1	28.5	29.7	20.8	8.6	2.9	3.0	3.1	3.2	3.2	3.0
85,0°	1.5	1.4	1.3	1.3	1.3	1.2	1.0	1.0	1.0	1.0	1.2	1.5	1.6
87,5°	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.4	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>

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°	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6
2,5°	189.2	188.2	188.3	188.0	187.9	187.3	188.7	188.5	187.5	186.7	186.8	185.8	185.5
5,0°	191.5	190.3	188.9	187.9	188.1	187.7	188.3	186.6	185.7	185.6	184.8	184.5	184.2
7,5°	196.3	196.3	197.0	197.6	197.9	198.3	187.4	186.2	186.0	185.8	185.3	185.1	184.1
10,0°	208.2	209.6	212.5	214.2	216.3	216.7	193.6	194.4	194.1	193.0	190.7	188.8	186.7
12,5°	221.3	222.9	223.4	227.2	230.8	232.3	204.2	200.3	197.9	195.0	193.3	191.6	190.1
15,0°	236.0	235.5	235.7	236.1	234.6	234.0	211.2	206.7	201.6	197.6	194.8	191.1	187.8
17,5°	242.2	243.1	245.4	246.3	246.0	245.8	217.2	212.3	208.3	202.7	195.6	190.9	187.1
20,0°	252.1	256.1	259.5	258.7	255.8	257.3	226.2	219.0	211.0	203.1	196.5	191.2	186.5
22,5°	266.1	271.5	276.3	276.2	275.1	274.1	229.2	219.4	209.0	200.7	195.1	188.5	181.6
25,0°	280.3	283.3	286.0	287.6	287.1	287.2	235.2	224.3	214.1	200.3	190.1	181.8	176.5
27,5°	290.3	294.9	299.3	304.4	309.3	306.4	243.4	227.7	210.3	195.1	186.9	177.4	168.2
30,0°	301.5	305.0	313.5	320.4	325.3	324.1	247.2	230.2	207.5	192.7	181.8	170.5	160.1
32,5°	315.4	313.3	321.2	331.9	331.4	328.6	252.1	227.1	205.6	190.3	177.7	166.0	157.3
35,0°	321.7	321.5	324.9	334.5	333.3	326.2	256.9	227.4	203.9	185.4	172.9	162.7	154.1
37,5°	317.8	320.7	327.1	328.9	327.0	323.8	257.5	230.0	201.2	181.9	167.3	158.7	151.9
40,0°	307.3	310.5	312.3	313.0	311.4	313.2	259.2	232.9	205.7	182.2	167.4	156.0	145.4
42,5°	305.4	303.1	291.1	288.4	285.4	284.0	267.7	236.2	197.2	174.9	162.2	148.5	139.8
45,0°	290.8	284.4	277.0	272.8	265.0	261.1	275.9	232.4	190.8	167.2	159.5	146.7	134.0
47,5°	270.6	255.9	246.6	242.7	234.4	234.3	272.0	225.0	183.7	166.1	158.9	145.7	131.9
50,0°	241.3	228.6	222.0	212.9	205.7	206.8	273.0	218.6	172.5	164.5	157.6	142.5	128.6
52,5°	214.3	205.4	196.5	180.2	174.2	174.7	269.4	212.7	172.7	162.4	153.3	140.9	125.8
55,0°	190.7	179.3	168.0	149.3	147.3	152.3	261.5	209.3	173.7	162.6	152.1	138.5	125.9
57,5°	172.4	150.1	133.4	126.9	123.7	124.8	270.7	223.7	185.2	166.8	152.0	136.9	120.4
60,0°	153.5	126.7	108.7	103.7	98.3	95.0	283.7	240.3	197.4	180.7	159.1	141.2	120.8
62,5°	137.5	108.9	90.1	82.0	74.6	71.9	301.0	249.2	200.9	188.4	164.4	142.9	116.9
65,0°	123.3	94.4	71.3	63.4	58.7	57.3	321.5	254.8	192.5	186.2	162.5	139.1	114.1
67,5°	109.4	78.0	58.2	49.5	46.5	44.6	321.8	243.5	187.7	172.1	148.4	127.0	107.7
70,0°	86.9	53.4	34.8	26.2	23.6	23.7	309.9	241.2	182.8	159.9	132.1	100.7	89.1
72,5°	35.7	17.6	10.9	8.0	7.2	7.0	313.4	241.5	162.1	138.4	104.7	73.8	64.8
75,0°	6.0	5.1	4.6	4.2	3.8	3.6	256.9	189.9	109.6	95.2	79.3	59.6	52.0
77,5°	4.5	4.1	3.8	3.4	3.0	2.9	160.2	101.0	50.6	48.8	49.7	40.8	30.9
80,0°	3.6	3.2	2.9	2.5	2.2	2.1	62.6	36.5	23.8	23.4	21.7	16.7	10.2
82,5°	2.8	2.5	2.0	1.7	1.5	1.4	12.4	8.0	6.0	5.5	4.8	3.3	2.6
85,0°	1.6	1.5	1.2	0.9	0.7	0.6	1.6	1.6	1.6	1.5	1.5	1.4	1.3
87,5°	0.3	0.3	0.3	0.3	0.1	0.1	0.8	0.8	0.8	0.8	0.7	0.7	0.7
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°	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	187.6	0.3	0.3
2,5°	184.9	184.3	182.8	182.5	182.9	182.3	182.0	181.5	181.6	182.2	182.4	2.2	2.5
5,0°	183.4	182.4	182.6	182.3	182.0	182.0	181.9	182.3	183.4	183.0	182.7	4.5	7.0
7,5°	183.2	183.3	182.2	181.8	180.9	180.2	180.5	181.0	181.4	182.1	181.4	6.8	13.8
10,0°	185.3	184.9	185.3	185.6	184.5	183.8	182.3	181.0	177.2	176.3	175.2	9.3	23.1
12,5°	188.2	185.6	184.4	184.6	183.6	182.2	180.8	179.6	179.7	179.1	178.8	12.0	35.1
15,0°	185.3	183.5	181.4	179.6	177.4	176.4	174.6	174.8	175.5	174.7	174.3	14.6	49.7
17,5°	183.8	180.2	176.7	173.6	171.5	169.0	166.5	166.3	166.5	165.1	163.9	17.3	67.0
20,0°	180.6	178.8	175.2	170.8	168.8	166.9	163.2	159.9	157.7	156.3	155.1	20.2	87.3
22,5°	176.9	171.7	169.0	166.0	163.9	160.2	158.0	157.1	154.5	152.5	151.4	23.4	110.7
25,0°	170.6	165.6	162.3	159.6	155.4	151.0	148.8	147.9	146.3	146.6	147.0	26.4	137.1
27,5°	163.4	161.2	157.4	153.8	147.7	143.4	140.5	139.9	140.0	137.8	137.9	29.3	166.5
30,0°	154.1	152.3	148.7	142.7	139.5	137.0	135.7	134.0	130.7	129.5	129.7	32.3	198.7
32,5°	150.3	145.6	140.8	135.7	132.8	128.2	124.1	122.4	122.0	123.1	125.2	35.1	233.8
35,0°	146.1	139.9	132.0	126.7	124.1	117.4	111.6	108.6	111.6	114.0	115.1	37.3	271.2
37,5°	141.8	135.1	127.6	120.4	113.6	108.7	105.6	101.3	99.1	99.0	99.1	39.2	310.4
40,0°	137.6	128.7	120.7	111.5	103.5	97.6	94.8	92.9	90.7	87.5	85.6	40.7	351.1
42,5°	130.8	122.7	110.3	103.5	96.6	90.8	86.7	83.7	81.0	78.3	77.1	42.0	393.1
45,0°	126.1	116.1	105.3	96.9	91.3	82.7	80.4	79.2	72.3	68.9	69.6	43.1	436.2
47,5°	118.5	108.0	98.7	89.8	80.1	73.5	71.3	68.3	63.3	60.6	62.9	43.6	479.7
50,0°	116.2	101.3	90.2	84.0	75.4	67.5	63.3	60.4	56.9	55.5	56.8	43.8	523.5
52,5°	113.1	96.2	82.5	75.1	69.1	62.2	55.8	52.4	50.7	49.4	48.5	43.5	567.0
55,0°	109.5	89.8	77.7	67.8	61.2	55.6	49.4	45.7	42.9	41.5	41.1	43.8	610.8
57,5°	105.8	88.0	75.5	61.7	53.6	48.0	42.9	40.0	38.9	38.8	38.3	45.0	655.9
60,0°	104.3	88.1	72.7	56.3	46.8	39.5	36.6	34.8	33.9	34.0	34.7	47.5	703.4
62,5°	97.7	83.9	68.4	53.1	39.0	33.0	30.5	30.0	29.6	28.6	27.7	48.5	751.9
65,0°	94.0	78.2	59.3	44.6	32.3	27.4	24.9	24.9	26.2	26.2	24.9	48.2	800.1
67,5°	91.3	71.2	50.3	33.6	26.9	23.6	20.7	20.3	22.2	22.5	21.6	47.9	848.0
70,0°	78.9	64.3	44.4	28.0	21.7	19.1	16.1	14.6	14.2	13.7	13.2	46.3	894.4
72,5°	60.7	53.7	39.3	20.5	12.0	9.6	7.8	6.3	5.7	5.4	5.3	42.4	936.8
75,0°	42.2	33.3	19.7	10.2	5.1	4.0	3.6	3.5	3.5	3.3	3.3	33.4	970.2
77,5°	22.1	14.1	7.8	4.9	3.3	3.0	2.8	2.6	2.6	2.5	2.4	19.7	989.9
80,0°	6.4	4.3	3.3	3.2	2.4	2.2	2.1	1.9	1.8	1.7	1.7	7.9	997.7
82,5°	2.2	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.1	1.8	999.5
85,0°	1.3	1.2	1.1	1.0	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.3	999.9
87,5°	0.6	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.3	0.2	0.2	0.1	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	17650	122.7	130.2	126.4
95	241	252	16747	115.1	122.2	118.6
90	229	250	15913	108.3	114.8	111.6
85	216	248	15009	101.2	107.2	104.2
80	203	246	14106	94.2	99.8	97.0
75	190	243	13203	87.4	92.6	90.0
70	178	241	12369	81.3	86.1	83.7
65	165	238	11466	74.7	79.2	77.0
60	152	235	10562	68.3	72.3	70.3
55	140	232	9728	62.5	66.2	64.4
50	127	229	8825	56.1	59.6	57.8
45	114	225	7922	50.0	53.0	51.5
40	102	221	7088	44.5	47.1	45.8
35	89	216	6184	38.7	40.9	39.8
30	76	210	5281	32.9	34.7	33.8
25	63	203	4378	27.2	28.8	28.0
20	51	195	3544	22.1	23.3	22.7
15	38	184	2641	16.7	17.5	17.1
13	33	179	2293	14.7	15.4	15.0