

Lichttechnischer Prüfbefund

Familie
Streetlight 11 midi LED

Bestell-Nr.: 5XC3K51F08ME
EAN: 4058352991930

LP-Nummer
59598_88



Ausführung Mastansatz- / Mastaufsatzmontage
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
Bemessungswerte Nettolichtstrom = 17550 lm
 Systemleistung = 124.7 W
 Lichtausbeute = 140.7 lm/W

Seriendokumentation
23.05.2024

siteco

Lichtstärke in cd/klm

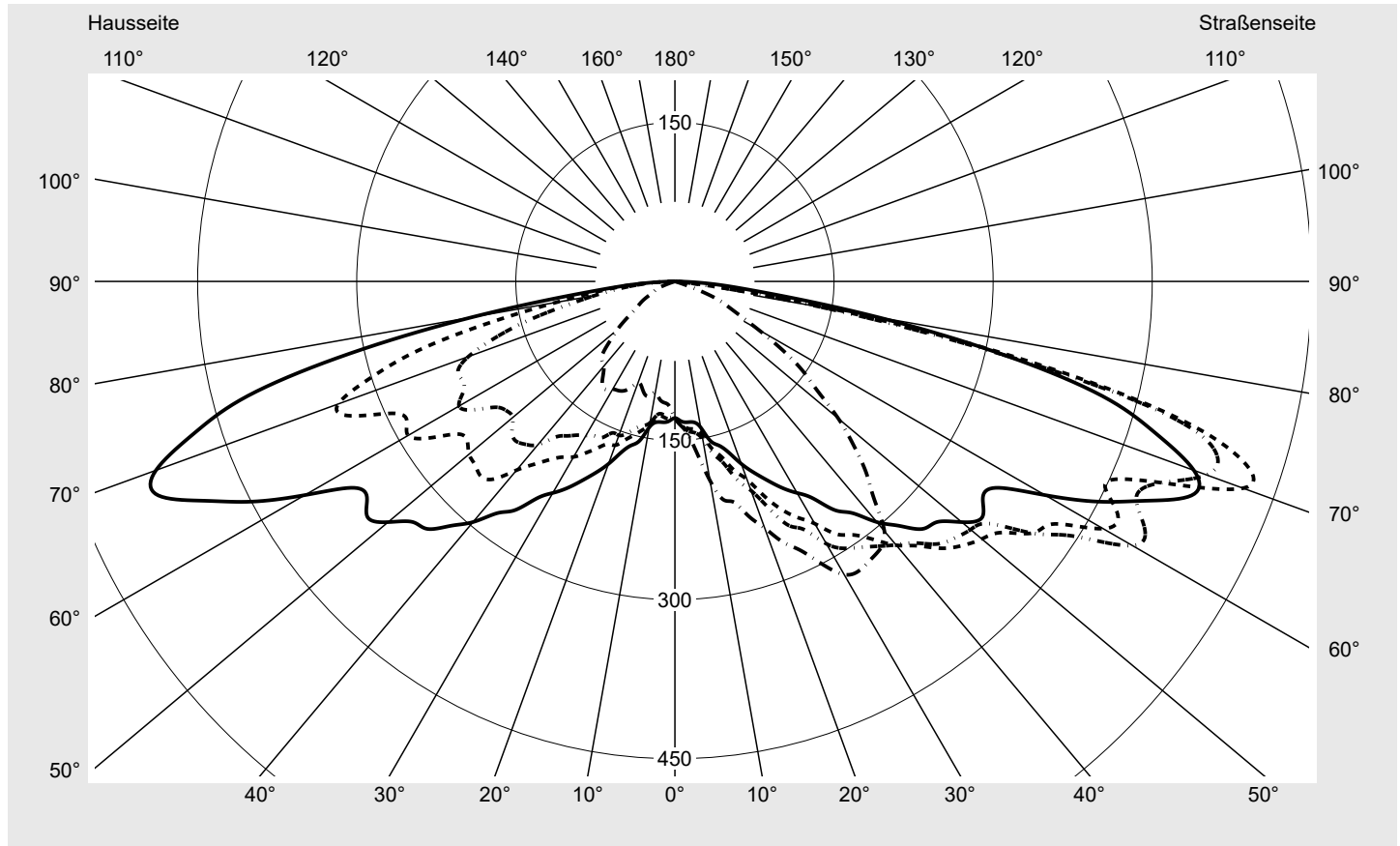
C180-0

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

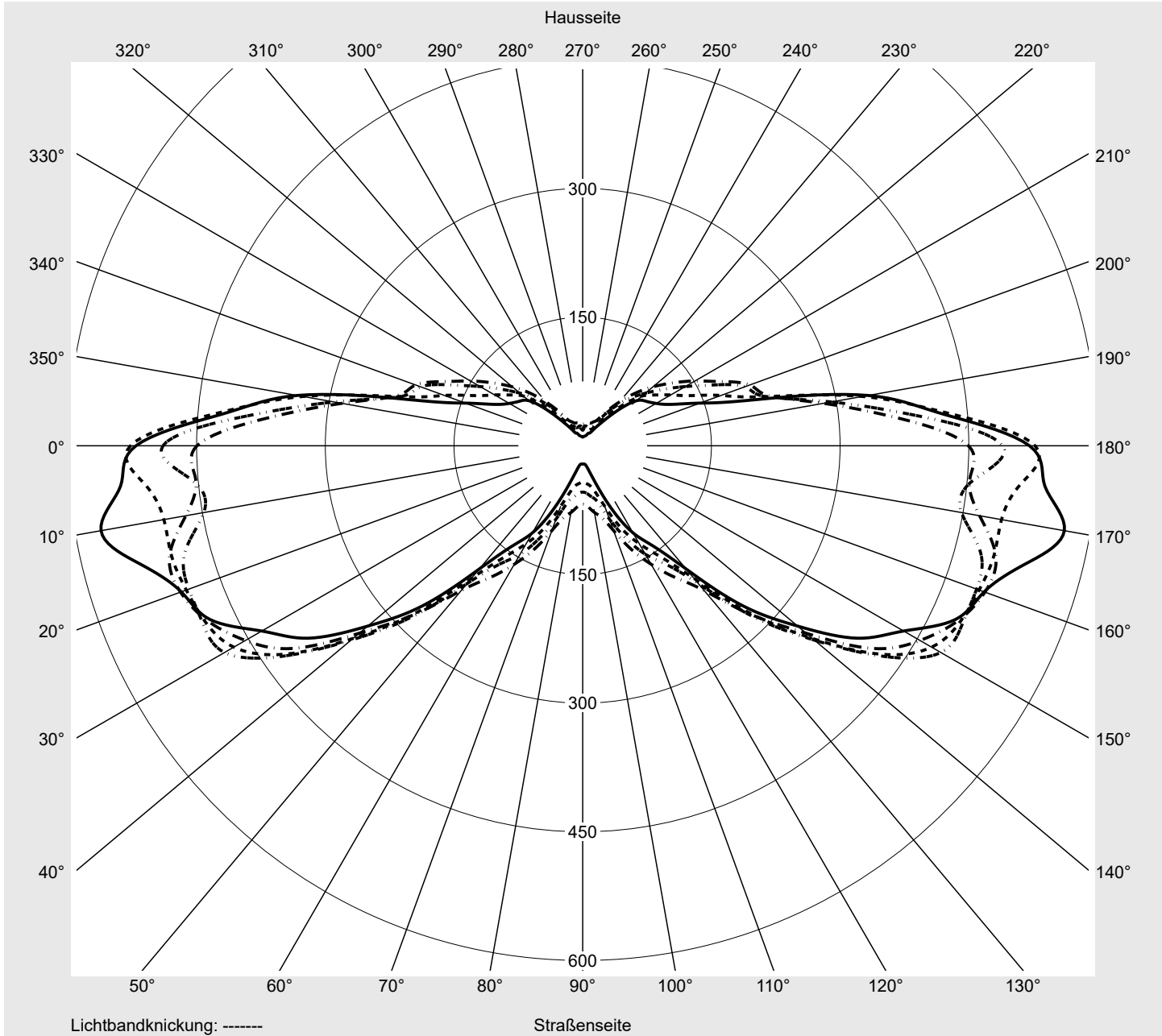
Messbedingungen

DIN EN 13032 und DIN 5032

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Kegelmantelkurven in cd/klm **KMK 70°** **KMK 67,5°** **KMK 65°** **KMK 62,5°** **siteco**



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Familie Streetlight 11 midi LED	Bestell-Nr.: 5XC3K51F08ME EAN: 4058352991930	LP-Nummer 59598_88
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

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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Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

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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Wertetabelle Lichtstärkemessung	Maximale Lichtstärke	siteco
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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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Dimmstufen-Tabelle		sITeco
Umgebungstemperatur: 25°C		

Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	17550	124.7	132.2	128.4
95	241	252	16652	117.0	124.0	120.5
90	229	250	15823	110.0	116.7	113.4
85	216	248	14924	102.7	108.9	105.8
80	203	246	14026	95.7	101.4	98.6
75	190	243	13128	88.8	94.0	91.4
70	178	241	12299	82.5	87.4	85.0
65	165	238	11401	75.9	80.3	78.1
60	152	235	10502	69.4	73.4	71.4
55	140	232	9673	63.5	67.2	65.4
50	127	229	8775	57.2	60.5	58.8
45	114	225	7877	51.0	54.0	52.5
40	102	221	7048	45.4	48.0	46.7
35	89	216	6149	39.4	41.7	40.6
30	76	210	5251	33.6	35.5	34.6
25	63	203	4353	27.9	29.4	28.6
20	51	195	3524	22.7	23.9	23.3
15	38	184	2626	17.2	18.1	17.6
13	33	179	2280	15.1	15.9	15.5