

Lichttechnischer Prüfbefund

Familie
Streetlight 11 midi LED

Bestell-Nr.: 5XC3K51G08ME
EAN: 4058352991954

LP-Nummer
59598_96



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 - DALI2
Bemessungswerte Nettolichtstrom = 9410 lm
 Systemleistung = 63.0 W
 Lichtausbeute = 149.4 lm/W

Seriendokumentation
23.05.2024

siteco

Lichtstärke in cd/klm

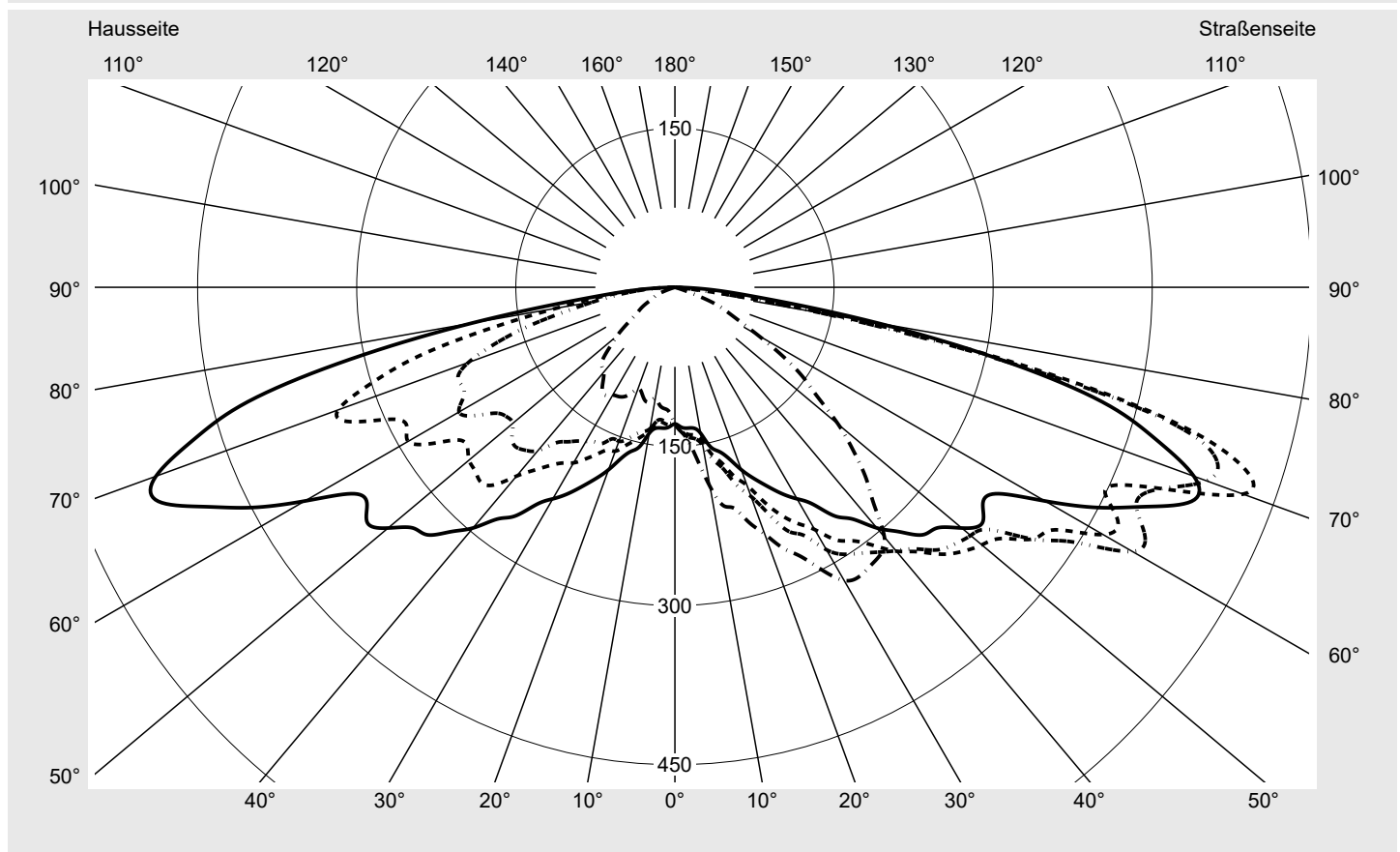
C180-0

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

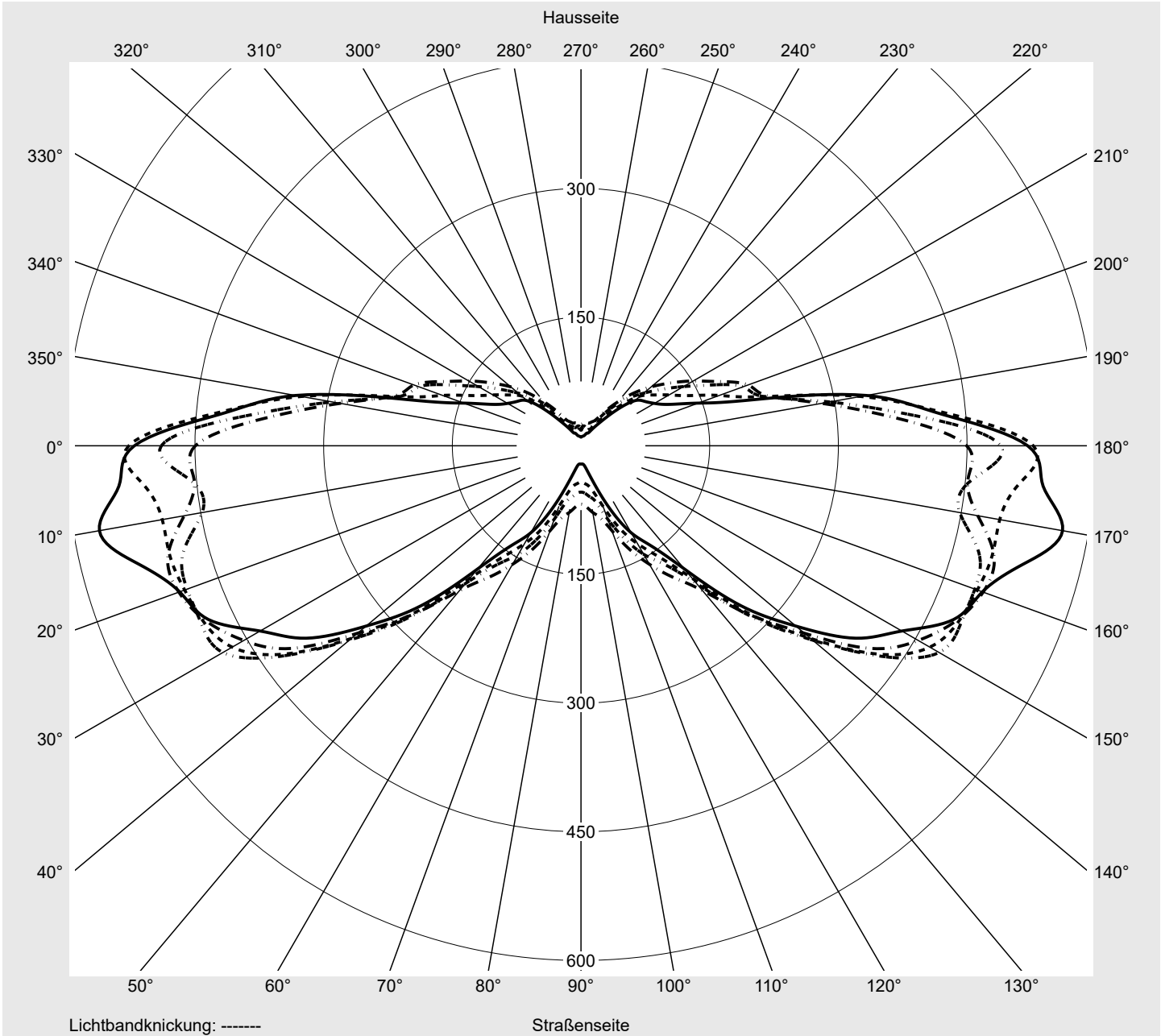
DIN EN 13032 und DIN 5032

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



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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	9410	63.0	66.8	64.9
95	241	252	8928	59.4	62.9	61.2
90	229	250	8484	56.1	59.5	57.8
85	216	248	8002	52.7	55.8	54.2
80	203	246	7521	49.3	52.1	50.7
75	190	243	7039	45.9	48.5	47.2
70	178	241	6594	42.8	45.3	44.0
65	165	238	6113	39.5	41.8	40.6
60	152	235	5631	36.3	38.3	37.3
55	140	232	5187	33.3	35.2	34.2
50	127	229	4705	30.2	31.8	31.0
45	114	225	4223	27.0	28.4	27.7
40	102	221	3779	24.2	25.5	24.8
35	89	216	3297	21.2	22.4	21.8
30	76	210	2816	18.4	19.3	18.8
25	63	203	2334	15.5	16.2	15.8
20	51	195	1889	12.8	13.5	13.2
15	38	184	1408	9.9	10.4	10.2
13	33	179	1223	8.6	9.1	8.8