

Lichttechnischer Prüfbefund

Familie
Streetlight 11 mini LED

Bestell-Nr.: 5XC2N51Y08HE
EAN: 4058352919064

LP-Nummer
59457_120



Ausführung	Mastansatz- / Mastaufsatzmontage, Smart Interface oben/unten
Optik	asymmetrisch, extrem breit strahlend mit Back Light Control (ST1.0aB)
Abdeckung	klar, PMMA
Bestückung	LED 3000 K CRI ≥ 70
Betriebsgerät	EVG SITECO iQ - Smart Interface
Bemessungswerte	Nettolichtstrom = 7120 lm Systemleistung = 58.1 W Lichtausbeute = 122.5 lm/W

Seriendokumentation
28.09.2023

siteco

Lichtstärke in cd/klm

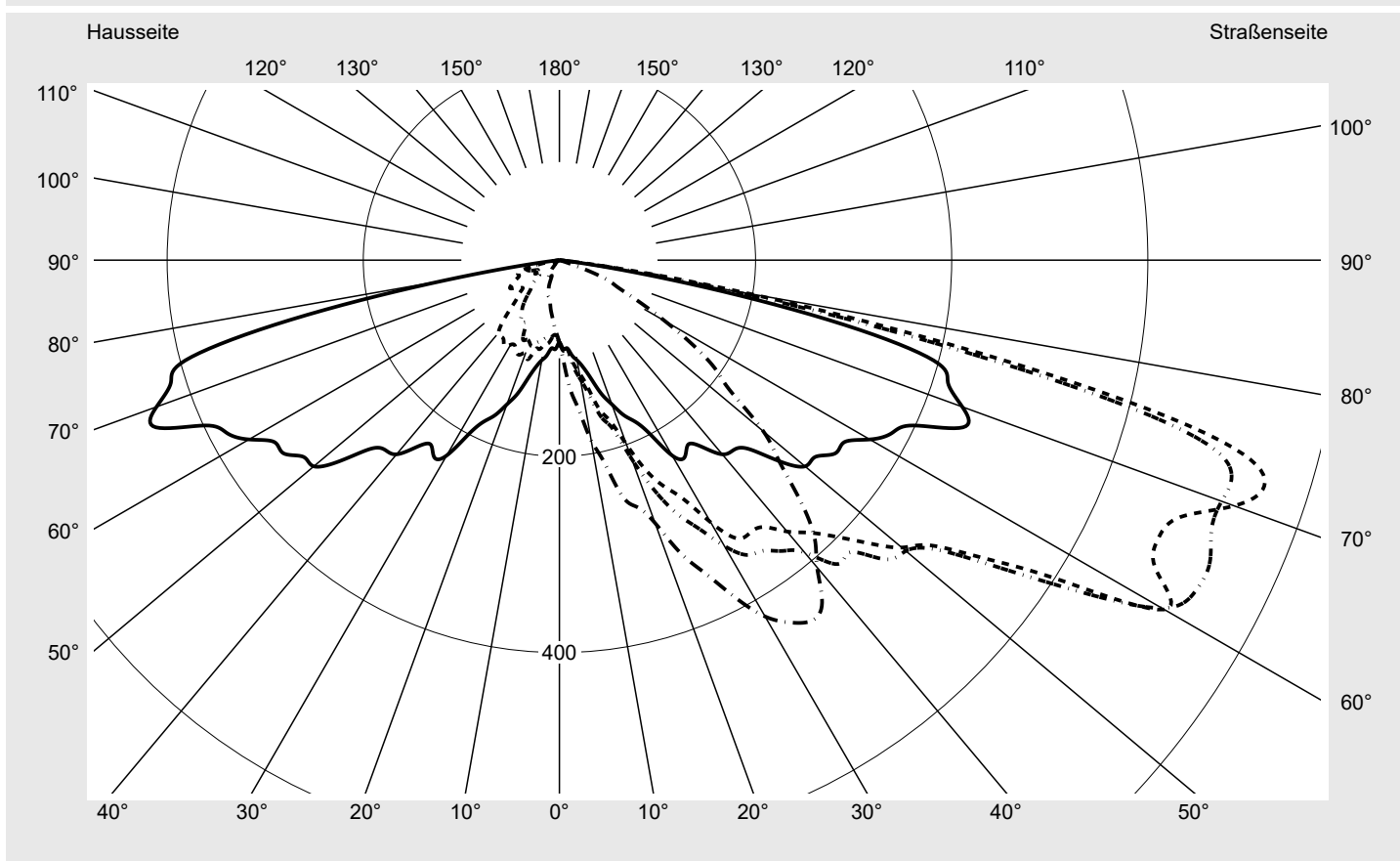
C180-0

C195-15

C200-20

C270-90

Imax: 754 cd/klm



Leuchtenbetriebswirkungsgrade

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

Lichtstärkeklasse nach EN13201-2

Klasse:	G1
Imax 70°	742.9
Imax 80°	194.9
Imax 90°	0.0
Imax >90°	0.0
Imax >95°	0.0

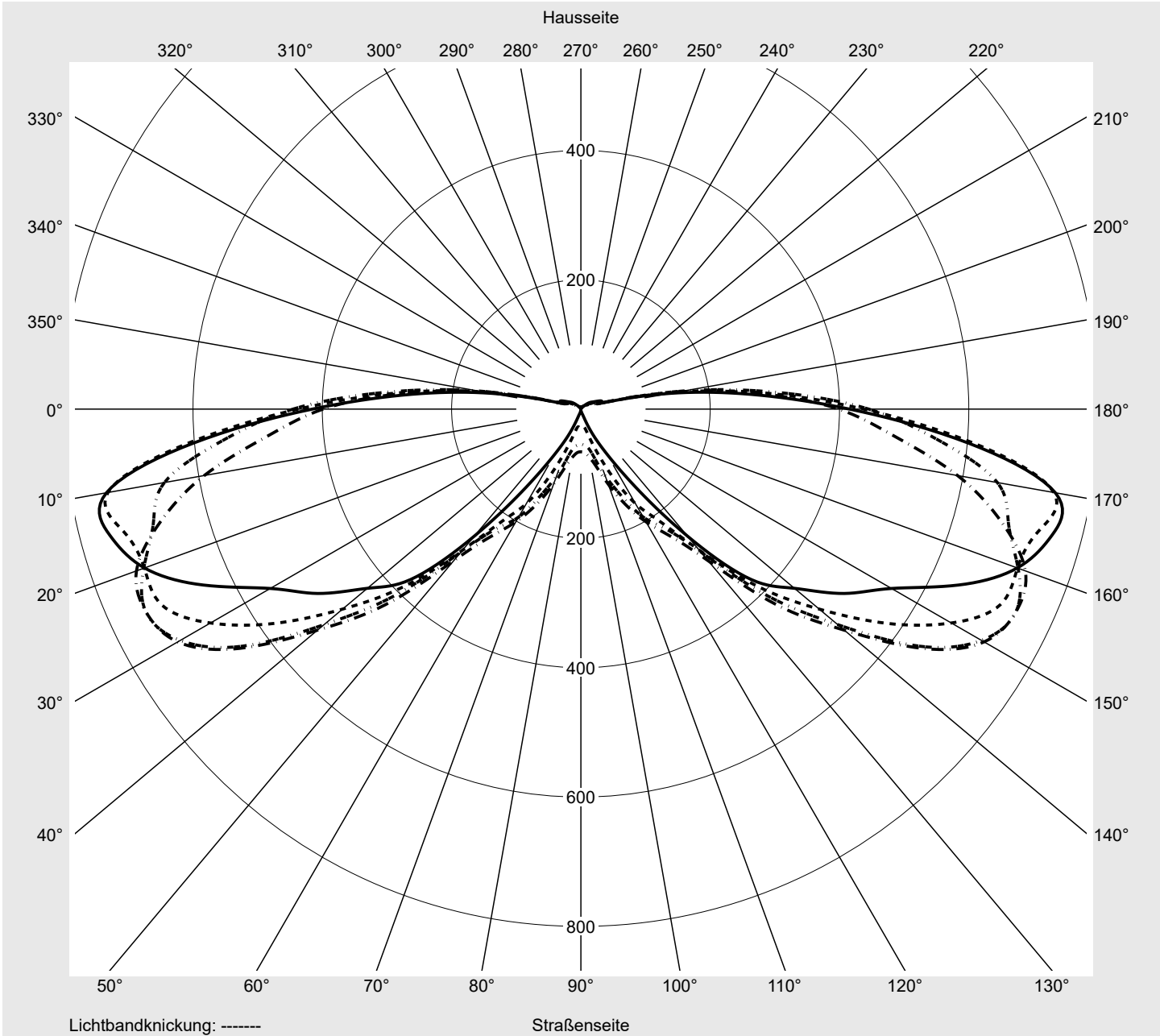
Messbedingungen

DIN EN 13032 und DIN 5032

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Kegelmantelkurven in cd/klm **KMK 72,5°** **KMK 70°** **KMK 67,5°** **KMK 65°** **siteco**



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Familie Streetlight 11 mini LED	Bestell-Nr.: 5XC2N51Y08HE EAN: 4058352919064	LP-Nummer 59457_120
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°	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
2,5°	90.7	90.4	89.6	89.6	92.6	95.8	96.7	97.7	98.9	99.7	99.4	98.3	98.9
5,0°	90.1	90.9	91.0	90.8	93.4	99.4	105.1	110.0	112.1	113.3	116.6	120.2	123.6
7,5°	97.8	100.7	102.4	105.0	109.4	114.0	119.6	126.7	130.4	132.5	135.6	139.9	145.0
10,0°	103.6	106.4	110.5	116.9	123.4	128.7	132.7	139.3	141.8	143.6	147.6	151.3	157.4
12,5°	111.8	117.3	123.2	132.2	141.1	147.9	152.1	158.1	165.3	172.9	180.1	185.3	193.8
15,0°	125.2	133.6	145.8	157.3	166.0	174.5	179.6	187.6	195.8	203.8	214.1	219.5	222.2
17,5°	143.2	155.5	164.5	171.9	180.0	189.8	197.5	200.1	207.5	218.4	228.9	237.2	238.4
20,0°	156.4	173.2	183.5	200.0	215.7	230.8	239.2	240.9	243.5	246.5	255.5	265.9	271.5
22,5°	170.8	187.0	210.2	232.7	254.6	270.3	278.3	280.9	284.4	287.3	295.1	302.1	306.7
25,0°	181.3	201.9	229.5	255.3	285.9	298.3	297.6	301.1	310.9	320.5	327.1	336.2	345.9
27,5°	199.6	223.0	249.0	275.0	308.8	330.8	334.2	332.9	340.4	347.8	346.0	350.2	361.3
30,0°	229.9	263.1	284.9	308.6	336.3	357.1	363.1	360.8	363.2	367.2	369.3	373.6	377.3
32,5°	237.9	268.2	303.2	336.2	356.3	370.3	380.8	388.7	395.3	396.8	395.5	398.8	401.1
35,0°	229.2	258.8	302.6	339.1	361.7	384.4	397.9	409.4	417.6	415.7	411.6	408.9	410.5
37,5°	240.5	269.2	303.8	342.9	373.6	395.9	415.8	429.1	425.2	416.6	408.2	393.8	398.7
40,0°	258.4	286.2	322.8	361.1	388.8	409.4	426.1	433.8	426.7	417.1	404.6	397.1	398.3
42,5°	262.6	307.8	341.9	376.7	420.2	432.6	432.9	449.5	450.5	420.8	402.7	394.6	390.9
45,0°	271.8	332.1	375.9	398.6	420.7	449.8	466.6	471.6	458.9	428.9	404.4	386.4	378.1
47,5°	302.7	373.9	405.2	426.9	451.5	472.8	491.1	480.4	458.4	436.1	412.4	380.6	357.9
50,0°	327.0	400.8	432.0	455.7	461.1	473.9	487.7	483.4	462.4	434.6	408.1	362.7	325.3
52,5°	329.2	407.3	456.4	477.7	484.5	499.6	505.3	497.0	463.5	423.3	381.5	334.3	311.5
55,0°	343.4	414.5	489.4	530.3	545.3	562.1	551.7	525.4	475.1	419.2	362.9	303.1	278.0
57,5°	344.9	447.4	527.2	608.8	628.7	618.3	599.7	560.8	488.5	413.0	343.5	277.3	248.3
60,0°	365.5	499.4	616.7	712.2	709.4	673.8	648.7	595.7	500.0	408.6	330.9	277.1	243.0
62,5°	382.0	492.2	604.2	686.5	731.0	714.9	688.2	618.4	525.8	415.5	317.6	258.9	222.0
65,0°	398.7	488.0	591.6	673.3	731.6	742.3	720.1	645.3	532.0	427.9	306.2	239.1	201.3
67,5°	445.3	556.0	654.2	684.7	719.6	742.5	715.5	639.3	518.7	408.5	288.1	224.4	192.8
70,0°	437.2	611.3	742.9	732.2	718.6	715.8	661.6	577.7	481.2	388.9	284.8	211.1	168.8
72,5°	415.4	601.1	745.2	754.3	718.3	643.9	554.8	497.1	431.2	372.9	256.3	146.8	79.9
75,0°	395.0	544.9	656.0	682.3	642.3	531.3	429.6	403.8	358.9	245.3	111.8	36.6	10.0
77,5°	280.5	372.5	430.3	442.8	397.4	333.4	289.5	230.9	140.4	47.1	7.8	0.0	0.0
80,0°	118.6	154.3	189.4	194.9	165.3	140.7	101.2	41.4	8.9	0.0	0.0	0.0	0.0
82,5°	22.3	28.1	36.5	41.6	37.9	27.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0
85,0°	0.0	0.0	0.0	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87,5°	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
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°	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
2,5°	98.6	99.1	101.0	101.8	103.4	104.7	86.5	82.9	78.7	76.7	75.0	73.9	74.2
5,0°	124.8	126.6	127.6	127.5	131.0	134.0	86.1	81.9	78.6	77.6	76.4	73.4	71.8
7,5°	147.8	149.0	148.4	151.1	154.5	154.8	94.1	89.6	85.3	81.2	77.6	75.0	71.4
10,0°	165.9	172.0	175.7	184.2	188.3	186.6	98.1	92.3	86.7	81.0	76.7	73.6	68.8
12,5°	202.3	207.5	211.3	213.9	213.7	211.2	104.3	98.4	92.9	85.1	78.2	71.2	63.9
15,0°	225.4	231.4	234.6	245.0	251.8	249.7	113.0	102.9	93.9	86.9	79.3	68.6	59.2
17,5°	239.2	244.6	249.2	255.0	260.6	264.0	129.0	117.8	105.9	92.1	77.5	68.1	58.0
20,0°	275.0	280.6	283.6	284.2	284.2	285.2	138.4	118.6	101.1	89.2	75.4	65.6	58.1
22,5°	310.7	314.2	315.9	318.0	321.4	323.4	151.1	127.7	104.3	87.8	75.3	63.7	53.3
25,0°	341.5	337.6	342.8	348.8	350.3	352.4	160.0	132.2	103.5	88.2	70.6	57.9	50.1
27,5°	374.8	380.5	383.8	387.9	388.0	387.2	175.8	140.1	98.2	74.1	61.4	53.3	44.7
30,0°	379.5	393.7	407.6	411.8	416.2	419.4	184.6	142.5	99.5	73.6	57.7	48.7	38.8
32,5°	401.0	403.5	412.2	426.4	435.0	437.9	193.3	147.6	104.0	73.3	52.0	40.1	35.2
35,0°	419.2	422.4	422.5	435.6	445.7	448.7	186.7	143.1	99.2	66.6	45.2	35.4	29.5
37,5°	415.6	427.1	432.3	432.2	436.8	440.0	190.5	143.1	98.0	62.3	42.1	34.5	27.7
40,0°	400.5	406.3	413.2	412.8	409.8	408.8	203.0	153.5	96.5	55.6	37.1	30.1	23.0
42,5°	402.4	406.8	400.1	383.3	377.8	385.5	209.2	149.2	86.1	47.7	31.6	22.6	19.0
45,0°	383.4	377.9	365.8	363.7	358.0	348.1	205.7	134.1	71.5	41.1	30.5	22.9	20.5
47,5°	353.3	337.4	324.0	320.1	311.0	304.5	216.3	128.3	59.8	39.0	26.5	22.6	19.1
50,0°	320.4	304.1	287.9	281.2	270.4	271.6	232.3	136.7	54.2	32.9	22.4	18.1	14.6
52,5°	296.6	272.2	245.6	233.2	223.2	221.0	232.0	130.6	47.1	26.1	16.7	13.2	11.8
55,0°	263.0	239.0	214.4	195.3	190.2	195.0	233.6	129.2	49.6	25.2	16.6	12.9	10.2
57,5°	227.9	202.7	178.8	161.7	157.9	162.8	233.0	141.0	52.2	21.8	12.8	11.9	9.9
60,0°	196.3	165.8	147.0	132.3	126.4	124.4	242.3	145.8	57.7	27.6	18.5	13.7	11.9
62,5°	173.7	133.9	112.3	100.0	91.8	90.8	260.8	149.2	55.4	27.0	17.3	12.9	11.5
65,0°	162.4	123.5	92.0	75.5	67.7	66.1	276.7	153.3	50.7	24.0	20.2	14.9	10.8
67,5°	147.6	109.8	75.5	60.0	56.1	54.1	300.7	161.7	45.3	26.5	24.0	17.0	11.5
70,0°	114.6	67.0	38.1	28.1	28.5	29.3	285.9	151.3	44.0	31.3	26.4	19.3	14.1
72,5°	41.7	14.3	7.3	4.1	3.4	3.6	262.8	140.2	44.5	34.2	29.4	22.5	18.5
75,0°	1.2	0.0	0.0	0.0	0.0	0.0	249.7	130.7	39.3	34.0	27.6	23.6	19.6
77,5°	0.0	0.0	0.0	0.0	0.0	0.0	174.3	91.4	26.0	27.2	24.0	19.1	12.8
80,0°	0.0	0.0	0.0	0.0	0.0	0.0	70.5	37.2	13.0	14.3	12.9	6.6	2.7
82,5°	0.0	0.0	0.0	0.0	0.0	0.0	13.4	6.6	2.7	3.4	2.6	0.6	0.0
85,0°	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
87,5°	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
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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Familie Streetlight 11 mini LED	Bestell-Nr.: 5XC2N51Y08HE EAN: 4058352919064	LP-Nummer 59457_120
Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

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°	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	0.1	0.1
2,5°	72.4	71.5	72.1	69.9	70.0	69.5	69.6	71.1	73.1	74.4	73.9	1.0	1.2
5,0°	69.8	67.0	66.8	66.5	65.8	65.0	63.6	63.8	64.7	65.0	65.3	2.2	3.3
7,5°	66.2	63.1	60.9	59.1	58.9	56.8	55.7	57.1	56.9	56.7	57.3	3.6	6.9
10,0°	63.9	60.2	57.2	55.3	51.9	47.8	47.7	48.7	48.0	49.2	50.9	5.0	11.9
12,5°	59.7	54.4	51.3	50.0	47.1	45.9	45.2	43.9	43.5	43.8	43.9	7.0	18.9
15,0°	52.0	47.6	45.9	43.8	44.1	43.2	40.8	40.7	40.5	39.4	39.3	9.3	28.2
17,5°	51.8	47.6	44.0	40.1	37.4	33.6	32.6	33.4	35.0	36.6	37.5	11.4	39.6
20,0°	52.3	46.9	42.0	35.9	33.2	30.6	29.2	29.0	29.7	31.7	32.1	14.3	53.9
22,5°	46.0	43.7	40.1	31.9	28.8	29.6	28.2	25.0	24.4	26.4	27.1	17.8	71.7
25,0°	43.9	40.8	37.1	29.8	26.1	24.8	22.4	19.8	18.8	19.1	18.9	21.1	92.7
27,5°	38.8	35.1	31.2	27.2	24.5	22.4	20.6	20.3	20.3	19.6	18.8	24.7	117.4
30,0°	32.0	30.1	27.9	24.3	23.8	24.5	21.8	19.2	19.4	21.4	22.9	28.5	145.9
32,5°	30.5	27.8	24.4	20.6	19.6	20.3	20.5	18.6	17.3	19.6	21.7	31.9	177.8
35,0°	25.0	23.6	21.5	18.1	17.1	17.2	15.9	15.8	16.6	16.1	15.4	34.6	212.4
37,5°	22.7	21.4	18.8	15.2	14.2	13.9	13.4	15.5	15.9	13.9	13.1	36.8	249.2
40,0°	18.9	17.9	16.1	14.6	14.4	12.2	12.0	14.1	13.7	12.2	11.9	38.8	288.0
42,5°	16.9	14.0	13.4	13.7	12.5	12.1	11.5	11.0	11.5	9.4	8.3	40.9	328.9
45,0°	16.6	13.6	12.4	13.6	14.8	13.9	10.8	9.7	11.1	8.3	6.2	42.7	371.5
47,5°	13.3	12.7	12.5	11.3	11.8	12.1	10.4	9.1	8.4	6.4	5.4	44.2	415.7
50,0°	11.2	9.0	9.4	9.3	9.3	9.6	8.6	8.0	8.3	6.6	4.5	45.0	460.7
52,5°	10.2	9.2	9.9	9.0	7.5	8.3	7.7	8.5	8.3	6.1	5.8	45.4	506.2
55,0°	9.1	8.7	6.8	5.8	5.7	6.1	6.5	6.7	6.2	5.1	4.7	47.1	553.2
57,5°	9.4	8.1	7.1	6.0	4.8	4.7	4.6	5.0	5.2	4.2	2.8	49.2	602.4
60,0°	10.5	7.0	5.8	5.7	5.0	4.9	3.8	4.1	4.0	3.1	2.7	52.7	655.1
62,5°	10.0	6.9	5.5	5.6	4.5	4.2	3.7	2.7	2.1	2.2	2.4	53.3	708.4
65,0°	10.1	7.2	6.2	5.5	3.3	3.6	3.8	2.5	1.6	1.3	1.3	54.2	762.6
67,5°	8.5	7.8	6.4	4.1	2.3	2.2	2.3	2.1	1.3	1.0	1.1	55.5	818.1
70,0°	9.4	7.8	5.7	3.1	2.3	1.5	1.2	1.4	0.9	0.6	0.8	54.6	872.7
72,5°	13.7	8.3	4.8	2.2	1.1	0.4	0.3	0.5	0.4	0.0	0.0	49.9	922.6
75,0°	13.4	5.5	1.9	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	41.2	963.8
77,5°	6.3	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.9	988.7
80,0°	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.5	998.3
82,5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1000.0
85,0°	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
87,5°	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
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	Umgebungstemperatur: 25°C	siteco
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Lichtstrom [%]	Dimmstufe linear	Dimmstufe logarithmisch	Lichtstrom [lm]	Systemleistung [W] Lebensdauerbeginn	Systemleistung [W] Lebensdauerende	Systemleistung [W] Durchschnitt
100	254	254	7120	58.1	60.6	59.4
95	241	252	6756	54.7	56.9	55.8
90	229	250	6419	51.5	53.6	52.6
85	216	248	6055	48.1	50.1	49.1
80	203	246	5690	44.9	46.7	45.8
75	190	243	5326	41.7	43.4	42.6
70	178	241	4990	38.8	40.3	39.6
65	165	238	4625	35.7	37.2	36.4
60	152	235	4261	32.7	34.0	33.4
55	140	232	3924	30.0	31.2	30.6
50	127	229	3560	27.1	28.1	27.6
45	114	225	3196	24.3	25.2	24.8
40	102	221	2859	21.7	22.5	22.1
35	89	216	2495	19.0	19.7	19.4
30	76	210	2130	16.4	17.0	16.7
25	63	203	1766	13.8	14.3	14.0
20	51	195	1430	11.4	11.8	11.6
15	38	184	1065	8.8	9.0	8.9
14	35	181	981	8.2	8.4	8.3