

Lichttechnischer Prüfbefund

Familie
SiCOMPACT® micro

Bestell-Nr.: **5XA7561A2K22**
EAN: **4058352361511**

LP-Nummer
58987_1



Ausführung Tragbügel
Optik asymmetrisch strahlend PL32
Abdeckung Einscheibensicherheitsglas (ESG)
Bestückung LED 4000 K | CRI ≥ 70
Betriebsgerät EVG
Bemessungswerte Nettolichtstrom = 4000 lm
Systemleistung = 35.0 W
Lichtausbeute = 114.3 lm/W

Seriendokumentation
22.01.2020

siteco

Lichtstärke in cd/klm

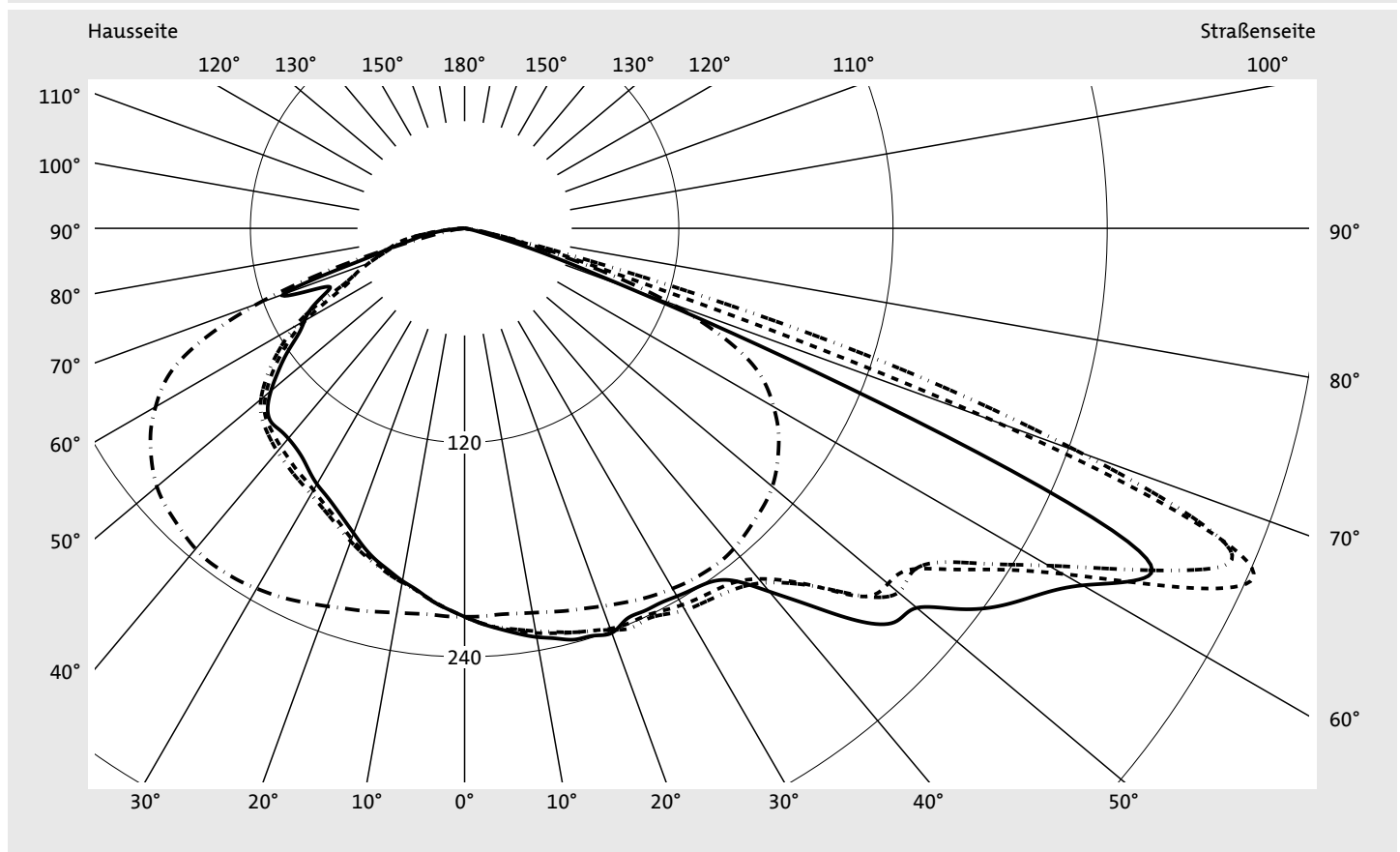
C180-0

C200-20

C205-25

C270-90

Imax: 475 cd/klm



Leuchtenbetriebswirkungsgrade

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

Lichtstärkeklasse nach EN13201-2

Klasse: G4
Imax 70° 394.0
Imax 80° 31.2
Imax 90° 0.0
Imax >90° 0.0
Imax >95° 0.0

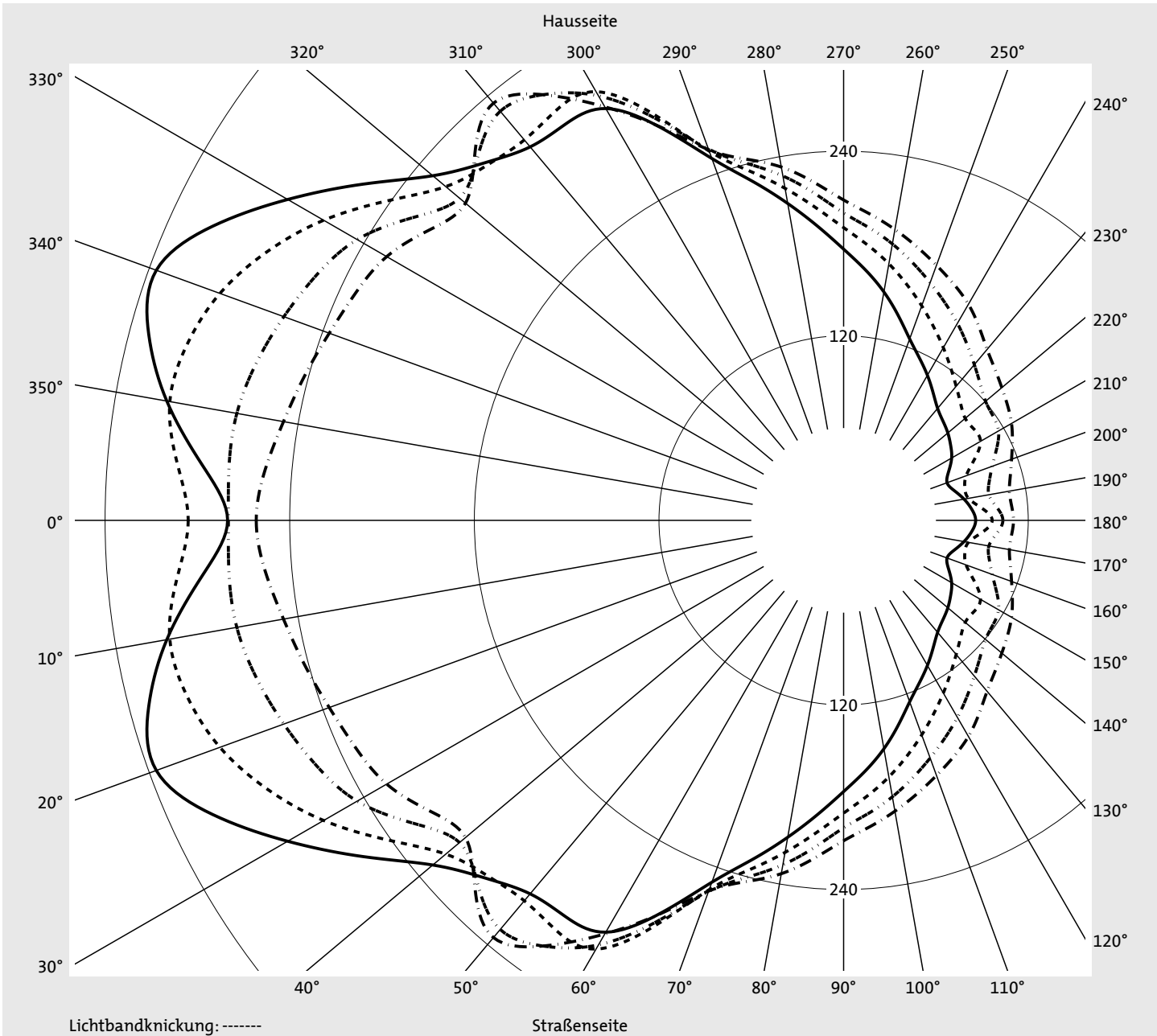
Messbedingungen

DIN EN 13032 und DIN 5032

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Kegelmantelkurven in cd/klm **KMK 65°** **KMK 62,5°** **KMK 60°** **KMK 57,5°** **siteco**



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Wertetabelle Lichtstärkemessung		Maximale Lichtstärke
		siteco

C- Ebenen	0°	5° 355°	10° 350°	15° 345°	20° 340°	25° 335°	30° 330°	35° 325°	40° 320°	45° 315°	50° 310°	55° 305°	60° 300°
γ	Lichtstärke in cd/klm												
0,0°	217.5	217.5	217.5	217.5	217.5	217.5	217.5	217.5	217.5	217.5	217.5	217.5	217.5
2,5°	221.6	221.7	221.8	221.7	221.6	221.4	221.1	221.1	221.0	220.4	219.9	219.7	219.5
5,0°	225.2	225.1	224.8	224.8	224.8	224.4	223.9	223.7	223.5	222.8	221.9	221.2	220.7
7,5°	228.9	228.7	228.3	227.9	227.4	226.6	225.9	225.5	225.2	224.7	224.1	223.4	222.6
10,0°	232.4	232.2	231.7	231.0	230.1	229.1	228.1	227.8	227.7	227.1	226.4	225.7	225.0
12,5°	235.2	234.8	234.0	233.1	232.2	231.5	231.0	230.8	230.6	230.1	229.5	228.7	227.9
15,0°	238.4	237.7	236.4	235.2	234.4	234.2	234.3	234.3	234.2	233.7	233.0	232.1	231.1
17,5°	239.2	238.5	237.4	236.6	236.3	236.5	237.0	237.7	238.2	238.1	237.5	236.4	235.0
20,0°	241.1	239.8	238.2	238.1	238.6	239.3	240.3	241.6	242.6	242.7	242.2	241.2	239.7
22,5°	236.9	235.7	234.9	236.7	239.5	242.4	245.0	246.3	247.0	247.3	246.9	246.0	244.5
25,0°	236.7	235.9	235.4	237.1	239.5	241.5	244.1	248.3	251.9	252.6	252.0	251.1	249.6
27,5°	236.7	236.2	236.2	238.4	241.3	243.6	246.3	249.9	253.2	255.2	256.0	255.4	253.7
30,0°	237.9	237.8	238.3	240.5	243.5	246.9	250.3	253.0	255.4	258.4	260.4	259.9	258.1
32,5°	239.3	239.0	239.6	242.0	245.2	248.6	252.1	255.4	258.4	261.0	262.7	263.0	262.0
35,0°	241.5	240.9	240.9	243.3	246.8	250.5	254.4	258.4	262.0	265.0	266.9	267.3	266.2
37,5°	248.9	246.8	244.7	246.4	249.6	253.5	257.8	262.2	266.2	269.1	270.8	270.8	269.1
40,0°	265.5	260.4	254.0	254.0	256.3	259.3	263.0	267.7	271.8	273.8	274.4	273.5	271.2
42,5°	286.4	279.5	270.3	267.8	267.8	269.5	272.3	276.0	279.2	280.6	280.4	278.0	274.0
45,0°	310.6	303.4	293.1	288.0	285.3	285.0	285.9	287.7	289.1	289.2	287.6	283.0	276.9
47,5°	326.6	319.6	310.0	306.5	305.1	305.2	305.4	304.5	302.9	301.2	297.6	289.5	279.9
50,0°	330.7	323.9	314.4	310.1	309.6	317.2	324.7	322.7	317.9	314.9	309.6	298.5	285.5
52,5°	350.4	343.5	332.0	321.4	314.1	316.1	322.1	330.0	335.8	334.8	327.6	311.3	292.1
55,0°	368.1	360.5	348.5	340.2	333.1	326.0	322.8	329.5	338.0	343.4	341.8	324.3	301.0
57,5°	381.8	377.4	369.7	362.7	355.8	349.9	342.9	329.0	320.8	338.8	354.1	337.6	310.4
60,0°	399.9	401.0	400.5	395.2	387.2	377.8	365.1	342.8	325.9	335.9	347.2	338.1	318.6
62,5°	426.0	435.0	444.7	441.8	431.4	413.4	390.2	362.1	337.6	327.0	322.9	325.5	321.8
65,0°	400.4	418.8	446.7	467.6	475.4	452.5	417.2	381.1	348.6	329.0	316.9	314.7	309.1
67,5°	230.8	263.3	325.2	402.4	463.5	461.3	433.1	400.7	364.7	332.6	304.4	285.4	270.0
70,0°	99.3	114.7	157.3	235.7	315.9	366.8	394.0	386.6	360.4	324.5	286.4	258.4	236.7
72,5°	47.1	51.6	65.8	83.0	124.1	235.4	335.4	333.0	297.9	275.7	249.0	211.9	177.0
75,0°	15.6	16.6	22.4	33.0	53.3	92.0	138.9	196.8	233.2	200.6	149.5	121.3	97.6
77,5°	6.3	6.8	8.8	12.2	18.2	26.5	41.3	75.2	101.1	86.7	61.7	48.0	36.9
80,0°	1.6	1.6	2.0	2.6	4.2	8.1	12.5	16.3	18.8	18.2	16.1	12.7	9.5
82,5°	0.5	0.5	0.5	0.4	0.4	0.5	0.8	1.3	2.0	2.9	3.7	3.6	3.3
85,0°	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.4	0.6
87,5°	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1
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° 295°	70° 290°	75° 285°	80° 280°	85° 275°	90° 270°	95° 265°	100° 260°	105° 255°	110° 250°	115° 245°	120° 240°	125° 235°
γ	Lichtstärke in cd/klm												
0,0°	217.5	217.5	217.5	217.5	217.5	217.5	217.5	217.5	217.5	217.5	217.5	217.5	217.5
2,5°	219.1	218.7	218.5	218.3	217.9	217.5	216.9	216.5	216.2	216.0	215.5	215.0	214.7
5,0°	220.3	219.8	219.1	218.4	217.8	217.1	216.3	215.6	214.9	214.2	213.3	212.3	211.7
7,5°	222.0	221.3	220.3	219.3	218.4	217.6	216.3	215.0	213.8	212.8	211.7	210.8	209.7
10,0°	224.4	223.6	222.4	221.0	219.8	218.6	217.0	215.4	213.9	212.4	210.8	209.1	207.3
12,5°	227.1	226.1	224.6	222.9	221.5	220.0	218.0	215.9	214.0	211.9	209.9	207.7	205.7
15,0°	230.1	229.0	227.1	225.1	223.4	221.7	219.2	216.8	214.4	212.2	209.7	207.2	204.8
17,5°	233.9	232.4	230.4	228.0	225.6	223.2	220.6	217.9	215.1	212.3	209.5	206.8	204.1
20,0°	238.0	236.0	233.5	230.8	228.0	225.2	222.1	218.9	215.8	212.7	209.6	206.5	203.1
22,5°	242.5	239.9	236.9	233.7	230.5	227.3	223.4	219.7	216.1	212.7	209.1	205.6	201.9
25,0°	247.4	244.5	240.9	237.0	233.3	229.5	225.1	220.8	216.6	212.4	208.3	204.3	200.1
27,5°	251.4	248.3	244.4	240.2	235.9	231.4	226.5	221.5	216.7	211.9	207.1	202.6	198.0
30,0°	255.6	252.2	247.8	242.9	238.0	232.9	227.8	222.5	216.6	210.8	205.7	200.9	196.1
32,5°	259.8	256.3	251.3	245.6	240.0	234.3	228.2	222.1	216.1	210.1	204.5	199.2	194.0
35,0°	263.5	259.3	253.9	247.7	241.4	234.9	228.1	221.5	215.0	208.7	202.6	196.8	191.5
37,5°	265.7	261.0	255.5	249.3	242.5	235.3	227.6	220.4	213.9	207.6	201.1	194.9	189.4
40,0°	267.3	262.1	255.9	249.0	241.8	234.4	226.4	219.0	212.4	206.2	199.6	193.3	187.6
42,5°	268.9	262.7	256.2	249.1	241.0	232.5	224.2	216.7	210.5	204.6	197.8	191.1	185.3
45,0°	270.2	262.9	255.6	247.8	239.2	230.3	221.3	213.4	206.9	201.0	194.3	187.9	182.4
47,5°	271.0	262.4	254.6	246.7	237.7	228.2	219.2	210.9	203.3	196.3	190.0	184.3	179.0
50,0°	272.7	260.8	252.3	244.4	234.9	225.0	216.2	208.0	200.3	192.9	186.1	179.8	174.1
52,5°	274.9	259.6	249.7	241.3	230.9	220.4	212.2	204.5	196.7	189.1	181.8	175.1	168.9
55,0°	278.4	258.1	246.3	237.1	225.9	214.7	206.9	199.6	191.9	184.2	176.7	169.5	162.1
57,5°	282.3	256.4	243.0	233.2	220.6	208.3	199.7	192.0	184.1	176.5	169.4	162.2	153.5
60,0°	287.9	256.9	240.0	227.3	213.2	199.9	190.9	182.5	173.4	164.4	156.0	147.9	139.8
62,5°	291.0	255.5	235.0	219.2	203.8	190.3	179.6	169.4	158.7	148.4	138.6	129.6	121.2
65,0°	281.9	250.3	228.1	209.2	191.8	176.3	163.4	150.8	137.6	125.5	116.5	108.9	101.4
67,5°	255.1	238.7	216.5	193.2	172.5	153.5	139.2	125.8	112.5	100.8	92.3	85.9	80.6
70,0°	224.4	212.0	188.1	162.4	141.5	123.1	108.2	95.3	84.3	75.3	68.8	64.0	60.2
72,5°	157.8	143.8	128.7	114.1	99.0	84.3	73.4	64.2	57.1	51.8	48.7	46.6	43.7
75,0°	69.1	47.6	47.8	53.1	49.8	43.7	40.1	37.1	35.5	34.5	33.4	32.8	33.9
77,5°	25.2	16.9	17.1	20.0	20.7	20.8	20.4	20.5	21.9	23.6	24.6	26.1	29.8
80,0°	8.4	8.1	8.0	8.3	9.3	10.7	11.8	13.4	16.0	18.3	18.5	18.6	20.6
82,5°	3.6	4.0	4.2	4.4	4.7	5.2	6.9	8.7	11.0	12.9	13.4	13.8	15.3
85,0°	0.9	1.2	1.5	1.7	1.8	2.0	3.5	5.2	6.6	7.8	9.0	9.8	10.3
87,5°	0.1	0.1	0.1	0.1	0.0	0.1	0.2	0.6	1.1	1.6	2.1	2.5	3.1
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	130° 230°	135° 225°	140° 220°	145° 215°	150° 210°	155° 205°	160° 200°	165° 195°	170° 190°	175° 185°	180°	Phi-Zone	Summe Phi-Zone
γ	Lichtstärke in cd/klm											Lichtstrom in lm/klm	
0,0°	217.5	217.5	217.5	217.5	217.5	217.5	217.5	217.5	217.5	217.5	217.5	0.3	0.3
2,5°	214.5	214.3	214.1	213.9	213.7	213.6	213.5	213.4	213.3	213.4	213.5	2.6	2.9
5,0°	211.3	210.8	210.4	210.1	209.8	209.4	209.2	209.0	209.0	209.3	209.4	5.2	8.1
7,5°	208.6	207.6	206.7	205.9	205.3	204.9	204.7	204.5	204.4	204.3	204.3	7.7	15.9
10,0°	205.6	204.5	203.6	202.8	202.0	201.4	201.0	200.7	200.4	200.5	200.5	10.3	26.2
12,5°	203.8	202.5	201.3	200.1	199.0	198.1	197.3	197.0	196.8	196.5	196.2	12.9	39.0
15,0°	202.5	200.6	198.9	197.1	195.5	194.4	193.7	193.2	192.7	192.4	192.2	15.4	54.5
17,5°	201.4	199.1	196.9	194.5	192.4	190.7	189.4	188.6	188.1	187.6	187.3	18.0	72.4
20,0°	199.7	196.8	194.2	191.3	188.6	186.6	185.0	183.8	182.9	182.1	181.7	20.5	92.9
22,5°	198.1	194.6	191.4	188.0	184.9	182.3	180.2	178.6	177.5	176.9	176.6	22.9	115.9
25,0°	195.9	191.9	188.1	184.5	181.2	178.4	176.0	174.4	173.3	172.5	172.1	25.4	141.2
27,5°	193.6	189.2	185.1	181.3	177.9	175.0	172.5	170.4	169.0	168.4	168.4	27.7	168.9
30,0°	191.4	187.1	183.0	179.0	175.4	172.0	169.3	167.2	165.9	165.4	165.4	30.1	199.1
32,5°	189.1	184.8	180.8	176.9	173.1	169.6	166.7	164.5	163.0	161.9	161.6	32.4	231.5
35,0°	186.7	182.6	178.8	174.7	170.8	167.5	164.6	161.9	159.6	158.2	157.7	34.6	266.1
37,5°	184.4	180.0	176.1	172.3	168.7	165.3	162.2	159.3	157.0	155.6	155.1	36.9	303.0
40,0°	182.4	177.7	173.6	170.0	166.6	163.2	160.0	157.1	154.9	153.9	153.6	39.2	342.2
42,5°	180.0	175.0	170.7	167.1	163.9	160.7	157.7	155.1	153.2	152.9	153.2	41.6	383.8
45,0°	177.3	172.7	168.5	164.5	160.9	158.0	155.4	152.5	150.6	151.8	153.3	44.2	428.0
47,5°	174.1	169.1	164.7	160.7	157.4	154.5	152.0	148.9	146.8	148.1	149.6	46.7	474.8
50,0°	169.0	163.9	159.4	155.8	152.6	148.9	145.5	142.4	140.3	140.7	141.6	48.7	523.5
52,5°	163.0	157.7	152.9	148.8	144.9	140.8	136.9	133.6	131.3	131.2	131.6	50.6	574.0
55,0°	155.1	149.5	144.6	140.4	136.3	131.5	127.0	123.6	121.3	121.0	121.3	52.1	626.2
57,5°	145.1	139.1	134.2	130.1	126.0	121.0	116.2	112.2	109.4	109.6	110.4	53.4	679.6
60,0°	132.2	125.5	120.4	118.5	116.3	109.7	102.8	98.0	95.9	99.8	103.5	54.6	734.2
62,5°	113.8	107.5	103.2	103.4	102.7	93.8	84.7	81.6	82.4	90.2	96.6	55.5	789.7
65,0°	95.0	91.3	88.4	84.9	81.1	75.3	71.6	74.5	79.5	83.5	85.8	55.1	844.9
67,5°	76.1	71.1	67.3	66.4	66.6	65.9	65.7	66.0	68.6	79.1	86.9	50.1	895.0
70,0°	57.3	55.0	53.8	54.6	56.0	57.2	57.2	49.5	49.0	81.8	108.1	40.9	935.9
72,5°	42.0	43.7	46.1	46.4	46.6	48.9	50.5	47.1	45.8	56.5	65.3	29.7	965.6
75,0°	35.4	36.4	37.5	39.1	40.8	42.3	43.9	46.4	48.1	45.9	43.8	17.4	982.9
77,5°	33.1	32.6	31.7	33.3	35.4	37.4	38.9	39.7	39.0	34.3	30.7	8.8	991.7
80,0°	23.1	24.8	26.2	27.7	29.0	30.5	31.2	30.1	28.2	25.7	24.2	4.4	996.1
82,5°	16.8	17.8	18.5	18.6	18.8	19.6	20.1	19.0	17.6	16.5	15.8	2.4	998.5
85,0°	10.4	10.2	9.7	9.4	9.1	9.0	9.0	9.0	9.0	8.9	8.8	1.2	999.7
87,5°	3.4	2.9	2.3	2.0	1.7	1.4	1.3	1.2	1.1	1.0	0.9	0.3	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