

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P559160 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-940-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559160 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-2)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA6B-940-U-TS-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, TIGHT SPOT N2
Light Source: (96) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

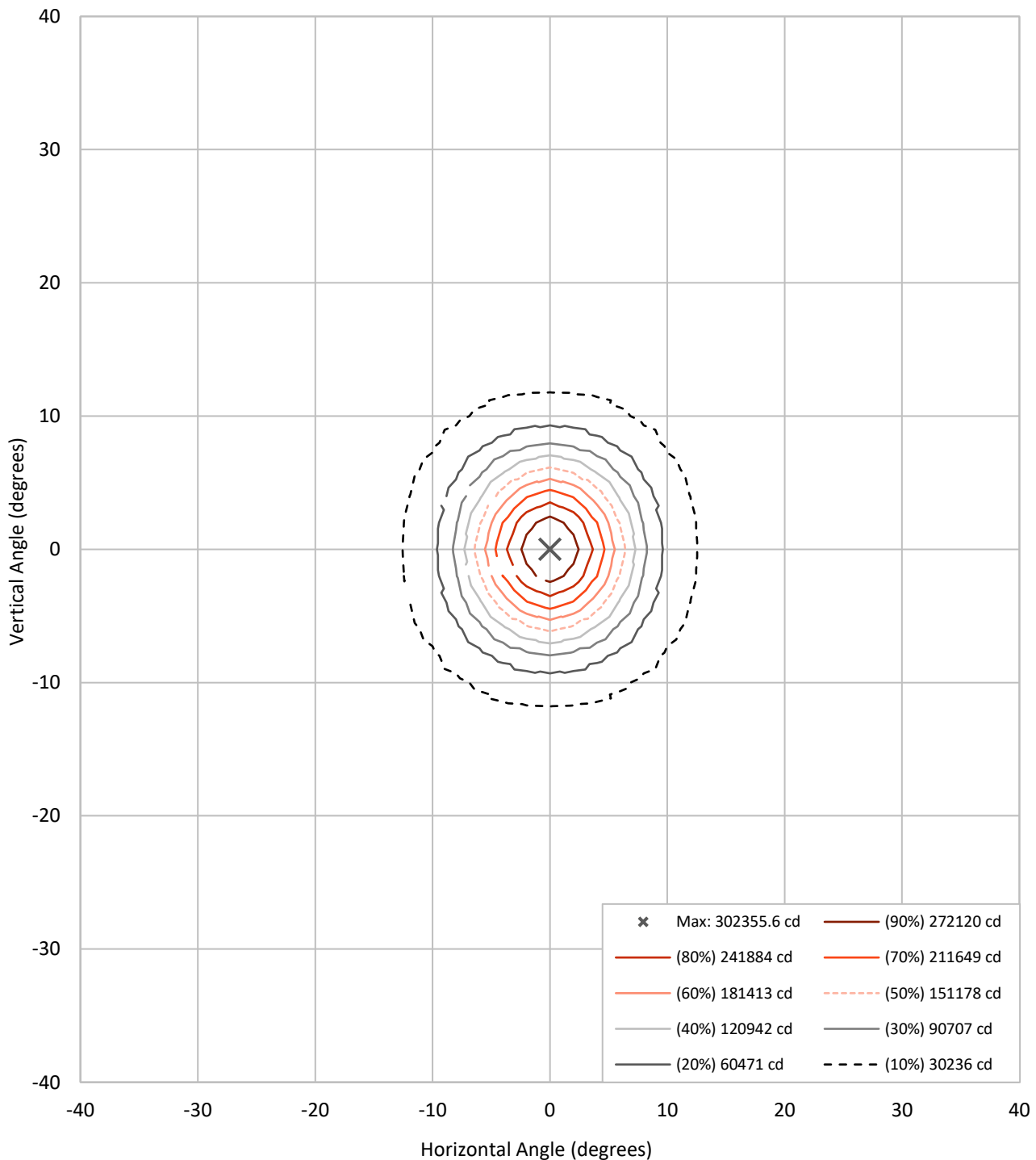
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	21916.8 lumens	Max Intensity:	302355.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	118.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	6925.3 lumens	Field Lumens:	15342 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 185
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Candela Plot





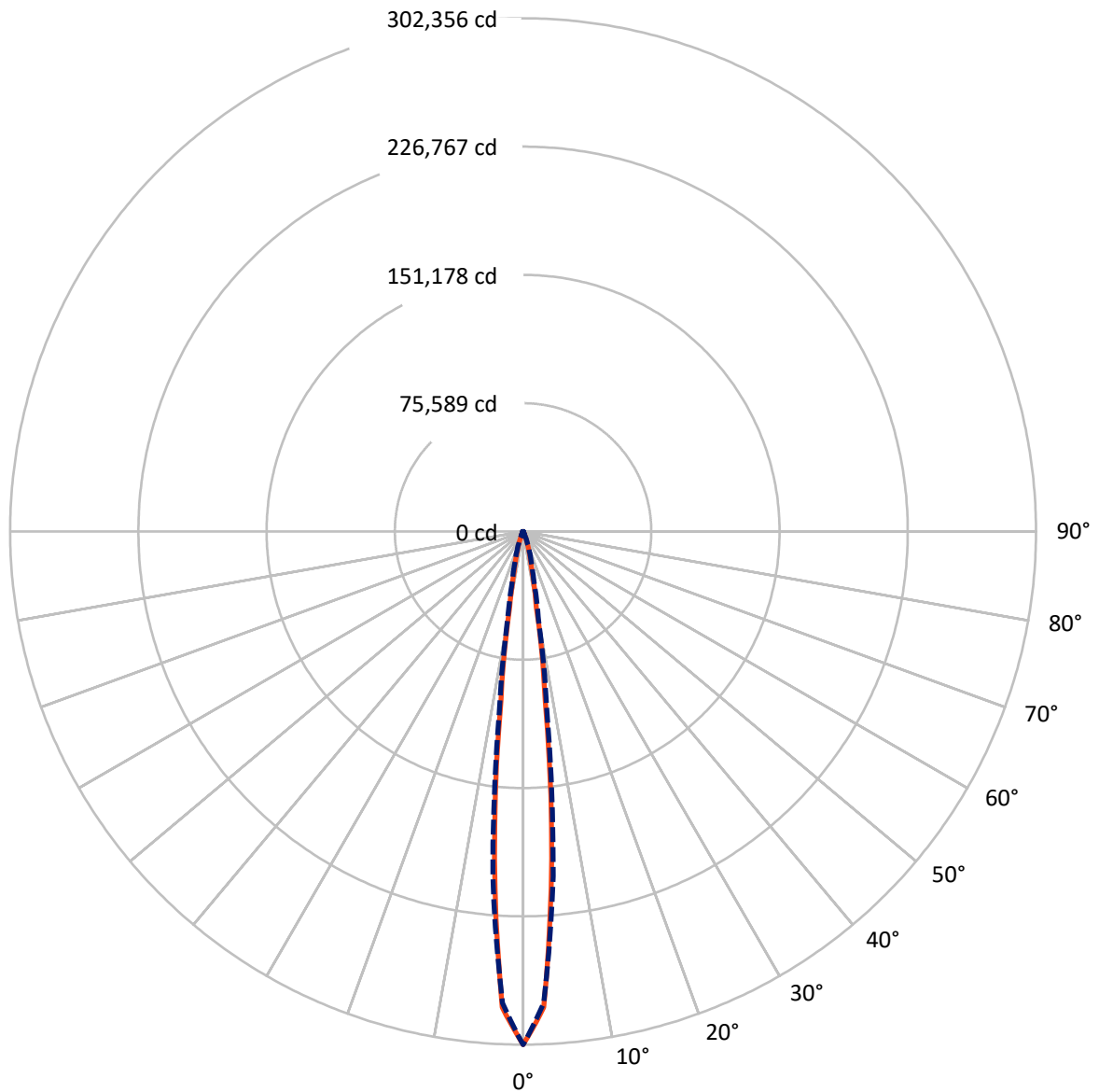
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Lumen Table

90	0.3	2.5		7.0		11.3		13.1		11.3		7.0		2.5		0.3			
80	0.3	2.5		7.0		11.3		13.1		11.3		7.0		2.5		0.3			
70	1.2	1.3	2.9	4.7	6.4	7.9	9.0	9.6	9.6	9.0	7.9	6.4	4.7	2.9	1.3	1.2			
60		2.1	4.2	6.4	8.3	9.8	10.8	11.1	11.1	10.8	9.8	8.3	6.4	4.2	2.1				
50	2.1	2.8	5.2	7.4	9.3	10.9	12.2	12.8	12.8	12.2	10.9	9.3	7.4	5.2	2.8	2.1			
40		3.3	5.8	8.1	10.4	13.4	16.7	18.9	18.9	16.7	13.4	10.4	8.1	5.8	3.3				
30	2.8	3.6	6.2	8.6	12.2	18.9	42.0	76.5	76.5	42.0	18.9	12.2	8.6	6.2	3.6	2.8			
20		3.8	6.3	9.1	14.4	40.7	229.8	505.6	505.6	229.8	40.7	14.4	9.1	6.3	3.8				
10	3.1	3.9	6.4	9.3	16.0	78.1	551.7	3568.9	3568.9	551.7	78.1	16.0	9.3	6.4	3.9	3.1			
0		3.9	6.4	9.3	16.0	78.1	551.7	3568.9	3568.9	551.7	78.1	16.0	9.3	6.4	3.9				
-10	2.8	3.8	6.3	9.1	14.4	40.7	229.8	505.6	505.6	229.8	40.7	14.4	9.1	6.3	3.8	2.8			
-20		3.6	6.2	8.6	12.2	18.9	42.0	76.5	76.5	42.0	18.9	12.2	8.6	6.2	3.6				
-30	2.1	3.3	5.8	8.1	10.4	13.4	16.7	18.9	18.9	16.7	13.4	10.4	8.1	5.8	3.3	2.1			
-40		2.8	5.2	7.4	9.3	10.9	12.2	12.8	12.8	12.2	10.9	9.3	7.4	5.2	2.8				
-50	1.2	2.1	4.2	6.4	8.3	9.8	10.8	11.1	11.1	10.8	9.8	8.3	6.4	4.2	2.1	1.2			
-60		1.3	2.9	4.7	6.4	7.9	9.0	9.6	9.6	9.0	7.9	6.4	4.7	2.9	1.3				
-70	0.3	2.5		7.0		11.3		13.1		11.3		7.0		2.5		0.3			
-80		2.5		7.0		11.3		13.1		11.3		7.0		2.5					
-90	0.3	2.5		7.0		11.3		13.1		11.3		7.0		2.5		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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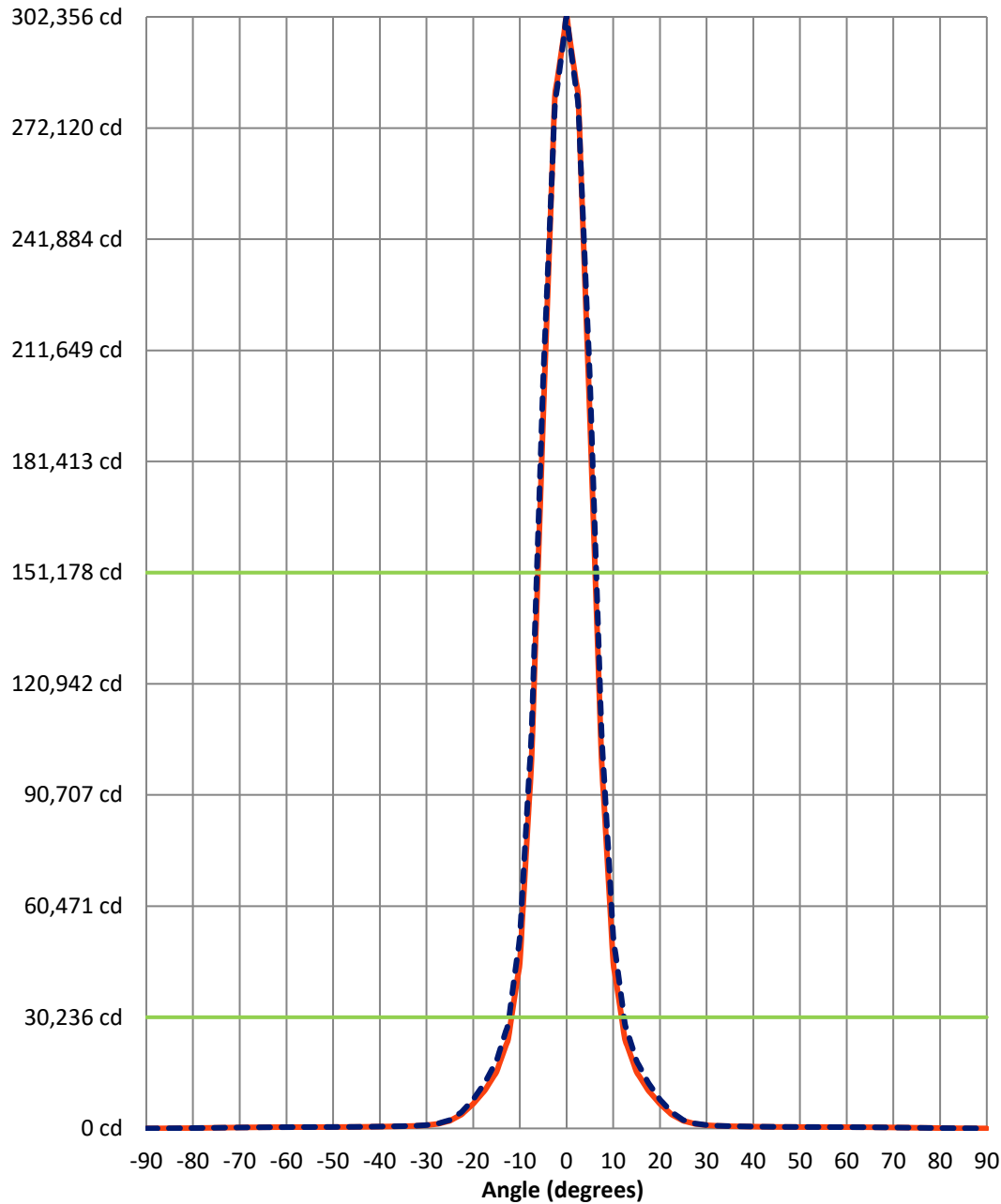
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
H Angle: 12.7°
V Angle: 12.3°
Lumens: 6925.3
Efficiency: 31.6%

Field:
H Angle: 24.6°
V Angle: 23.6°
Lumens: 15342
Efficiency: 70.0%

Spill:
Lumens: 6574.8
Efficiency: 30.0%

- Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	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	0.7	1.4	2.1	2.6	3.2	3.7	4.3	4.9	5.4	6.0
85°	0.0	1.4	2.8	4.1	5.3	6.4	7.3	8.5	9.7	10.9	12.0
82.5°	0.0	2.1	4.2	6.2	7.9	9.5	11.0	12.8	14.7	17.4	20.1
80°	0.0	2.8	5.7	8.2	10.6	12.7	14.9	18.3	21.9	25.6	29.5
77.5°	0.0	3.5	7.0	10.2	13.2	16.3	20.1	24.5	29.1	33.8	38.9
75°	0.0	4.2	8.4	12.3	15.9	20.6	25.2	30.5	36.3	42.8	49.1
72.5°	0.0	4.9	9.8	14.3	19.4	24.9	30.4	36.9	44.7	52.1	59.1
70°	0.0	5.6	11.1	16.3	22.7	29.1	35.6	44.4	53.1	61.4	72.8
67.5°	0.0	6.2	12.5	18.8	26.1	33.3	42.0	51.7	61.4	74.0	87.1
65°	0.0	6.9	13.8	21.3	29.3	37.9	48.3	59.0	72.1	86.2	101.3
62.5°	0.0	7.5	15.0	23.7	32.6	42.9	54.4	67.4	82.5	98.5	116.1
60°	0.0	8.1	16.3	26.1	35.7	47.9	60.4	76.1	92.6	111.5	130.5
57.5°	0.0	8.8	17.8	28.4	39.5	52.7	67.5	84.5	103.6	124.2	145.1
55°	0.0	9.3	19.3	30.6	43.2	57.3	74.6	92.7	114.6	136.8	159.6
52.5°	0.0	9.9	20.7	32.8	46.7	62.0	81.4	102.0	125.3	149.4	173.7
50°	0.0	10.5	22.1	34.9	50.2	67.6	88.1	111.2	135.8	161.7	187.7
47.5°	0.0	11.0	23.4	37.1	53.5	72.9	94.7	120.0	146.3	173.5	201.3
45°	0.0	11.5	24.7	39.4	56.6	78.0	101.9	128.4	156.5	185.4	214.6
42.5°	0.0	12.0	25.9	41.7	59.7	83.0	108.7	136.7	166.3	197.0	225.9
40°	0.0	12.5	27.1	43.8	63.0	87.7	115.2	144.9	175.8	208.0	236.5
37.5°	0.0	12.9	28.2	45.8	66.5	92.1	121.4	152.7	185.1	218.0	246.6
35°	0.0	13.4	29.2	47.6	69.9	96.8	127.2	160.0	193.8	226.4	255.7
32.5°	0.0	13.7	30.2	49.3	73.1	101.3	132.7	166.9	201.9	234.3	263.5
30°	0.0	14.1	31.1	50.9	76.0	105.5	138.2	173.4	209.4	241.6	270.8
27.5°	0.0	14.5	32.0	52.3	78.7	109.4	143.3	179.4	215.9	248.4	277.5
25°	0.0	14.8	32.8	53.6	81.2	112.9	148.0	185.0	221.4	254.1	283.6
22.5°	0.0	15.1	33.5	54.8	83.5	116.1	152.2	189.9	226.4	259.1	288.3
20°	0.0	15.3	34.1	55.8	85.5	119.1	156.0	194.4	230.8	263.6	292.5
17.5°	0.0	15.5	34.7	56.7	87.4	121.7	159.5	198.3	234.7	267.5	296.3
15°	0.0	15.7	35.2	57.4	89.0	124.0	162.5	201.6	238.1	270.8	299.6
12.5°	0.0	15.9	35.6	58.0	90.4	125.9	165.1	204.4	240.9	273.6	302.4
10°	0.0	16.1	36.0	58.5	91.5	127.5	167.2	206.6	243.1	275.9	304.6
7.5°	0.0	16.2	36.3	58.8	92.4	128.7	168.9	208.2	244.8	277.5	306.2
5°	0.0	16.2	36.4	59.0	93.1	129.6	170.0	209.2	245.9	278.5	307.2
2.5°	0.0	16.3	36.6	59.1	93.5	130.1	170.8	209.7	246.4	279.0	307.6
0°	0.0	16.3	36.6	59.0	93.6	130.3	171.0	209.7	246.3	278.9	307.4
-2.5°	0.0	16.3	36.6	59.1	93.5	130.1	170.8	209.7	246.4	279.0	307.6
-5°	0.0	16.2	36.4	59.0	93.1	129.6	170.0	209.2	245.9	278.5	307.2
-7.5°	0.0	16.2	36.3	58.8	92.4	128.7	168.9	208.2	244.8	277.5	306.2
-10°	0.0	16.1	36.0	58.5	91.5	127.5	167.2	206.6	243.1	275.9	304.6
-12.5°	0.0	15.9	35.6	58.0	90.4	125.9	165.1	204.4	240.9	273.6	302.4
-15°	0.0	15.7	35.2	57.4	89.0	124.0	162.5	201.6	238.1	270.8	299.6
-17.5°	0.0	15.5	34.7	56.7	87.4	121.7	159.5	198.3	234.7	267.5	296.3
-20°	0.0	15.3	34.1	55.8	85.5	119.1	156.0	194.4	230.8	263.6	292.5



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	15.1	33.5	54.8	83.5	116.1	152.2	189.9	226.4	259.1	288.3
-25°	0.0	14.8	32.8	53.6	81.2	112.9	148.0	185.0	221.4	254.1	283.6
-27.5°	0.0	14.5	32.0	52.3	78.7	109.4	143.3	179.4	215.9	248.4	277.5
-30°	0.0	14.1	31.1	50.9	76.0	105.5	138.2	173.4	209.4	241.6	270.8
-32.5°	0.0	13.7	30.2	49.3	73.1	101.3	132.7	166.9	201.9	234.3	263.5
-35°	0.0	13.4	29.2	47.6	69.9	96.8	127.2	160.0	193.8	226.4	255.7
-37.5°	0.0	12.9	28.2	45.8	66.5	92.1	121.4	152.7	185.1	218.0	246.6
-40°	0.0	12.5	27.1	43.8	63.0	87.7	115.2	144.9	175.8	208.0	236.5
-42.5°	0.0	12.0	25.9	41.7	59.7	83.0	108.7	136.7	166.3	197.0	225.9
-45°	0.0	11.5	24.7	39.4	56.6	78.0	101.9	128.4	156.5	185.4	214.6
-47.5°	0.0	11.0	23.4	37.1	53.5	72.9	94.7	120.0	146.3	173.5	201.3
-50°	0.0	10.5	22.1	34.9	50.2	67.6	88.1	111.2	135.8	161.7	187.7
-52.5°	0.0	9.9	20.7	32.8	46.7	62.0	81.4	102.0	125.3	149.4	173.7
-55°	0.0	9.3	19.3	30.6	43.2	57.3	74.6	92.7	114.6	136.8	159.6
-57.5°	0.0	8.8	17.8	28.4	39.5	52.7	67.5	84.5	103.6	124.2	145.1
-60°	0.0	8.1	16.3	26.1	35.7	47.9	60.4	76.1	92.6	111.5	130.5
-62.5°	0.0	7.5	15.0	23.7	32.6	42.9	54.4	67.4	82.5	98.5	116.1
-65°	0.0	6.9	13.8	21.3	29.3	37.9	48.3	59.0	72.1	86.2	101.3
-67.5°	0.0	6.2	12.5	18.8	26.1	33.3	42.0	51.7	61.4	74.0	87.1
-70°	0.0	5.6	11.1	16.3	22.7	29.1	35.6	44.4	53.1	61.4	72.8
-72.5°	0.0	4.9	9.8	14.3	19.4	24.9	30.4	36.9	44.7	52.1	59.1
-75°	0.0	4.2	8.4	12.3	15.9	20.6	25.2	30.5	36.3	42.8	49.1
-77.5°	0.0	3.5	7.0	10.2	13.2	16.3	20.1	24.5	29.1	33.8	38.9
-80°	0.0	2.8	5.7	8.2	10.6	12.7	14.9	18.3	21.9	25.6	29.5
-82.5°	0.0	2.1	4.2	6.2	7.9	9.5	11.0	12.8	14.7	17.4	20.1
-85°	0.0	1.4	2.8	4.1	5.3	6.4	7.3	8.5	9.7	10.9	12.0
-87.5°	0.0	0.7	1.4	2.1	2.6	3.2	3.7	4.3	4.9	5.4	6.0
-90°	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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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.6	7.1	7.6	8.1	8.6	9.1	9.6	10.0	10.5	10.9	11.3
85°	13.1	14.2	15.6	16.9	18.1	19.1	20.1	20.9	22.2	23.4	24.7
82.5°	22.4	24.4	26.1	27.5	29.0	30.3	31.8	34.2	37.3	40.2	43.0
80°	32.3	34.6	37.8	41.4	45.2	48.9	52.4	55.7	59.4	63.3	67.4
77.5°	43.4	48.0	53.1	58.5	63.8	69.9	76.0	82.3	88.0	92.9	97.3
75°	54.9	61.2	69.6	78.1	86.1	94.1	102.2	110.1	116.9	123.3	129.7
72.5°	68.4	78.7	88.7	98.5	108.8	118.8	128.1	136.9	145.7	154.4	162.7
70°	84.5	96.1	108.3	120.6	132.6	143.6	154.5	165.6	176.4	186.2	195.0
67.5°	100.6	114.5	128.5	142.4	155.5	168.1	181.0	193.7	205.8	216.1	225.2
65°	117.2	132.7	148.3	163.3	177.6	192.4	206.9	220.9	232.3	241.8	251.0
62.5°	133.4	150.9	167.9	184.3	200.5	216.7	230.6	243.2	255.0	265.3	275.2
60°	149.9	169.0	187.4	205.5	222.6	237.4	251.6	264.2	276.1	287.4	295.7
57.5°	166.2	186.8	206.7	225.3	241.7	257.0	270.7	283.9	294.2	303.2	312.4
55°	182.2	204.3	224.8	243.1	259.7	274.4	288.3	299.3	309.5	318.0	327.0
52.5°	197.9	221.0	241.2	259.7	275.8	290.3	302.5	313.4	322.9	331.7	339.0
50°	213.3	235.8	256.9	274.4	290.4	303.9	315.4	325.9	335.2	343.2	349.8
47.5°	226.9	250.2	270.1	288.1	303.2	316.1	327.1	337.2	346.4	353.4	360.0
45°	239.6	262.6	282.9	299.9	314.7	326.8	337.6	348.0	355.6	362.6	367.7
42.5°	251.9	274.1	293.8	311.5	324.5	336.3	347.2	356.2	364.1	370.2	375.6
40°	262.2	285.2	304.1	320.1	333.5	344.7	354.7	363.8	371.5	377.5	383.4
37.5°	272.0	294.2	313.3	328.3	340.8	351.9	361.8	370.2	377.8	384.2	392.2
35°	281.4	302.7	320.5	335.1	347.3	358.2	367.7	376.3	383.8	392.6	401.8
32.5°	289.4	310.8	327.3	340.6	352.6	363.7	373.2	381.9	390.7	400.6	411.9
30°	296.2	316.8	333.2	345.6	357.6	368.1	378.3	387.7	397.3	409.1	424.0
27.5°	302.3	322.2	337.4	349.9	362.0	371.9	382.5	393.2	404.5	418.2	437.0
25°	308.1	327.2	341.1	353.9	365.1	375.4	386.4	397.4	411.4	429.6	454.1
22.5°	312.8	331.9	344.4	357.4	367.8	378.6	389.9	402.2	417.9	440.1	472.2
20°	316.5	334.6	347.2	360.1	369.9	381.4	393.0	406.3	425.2	454.0	491.1
17.5°	319.9	337.0	349.6	361.7	372.1	383.8	395.7	409.6	431.2	467.0	508.6
15°	323.0	338.9	351.5	363.0	373.9	385.7	398.2	414.1	439.1	479.5	524.4
12.5°	325.6	340.5	353.0	364.0	375.4	386.9	400.2	417.8	447.6	491.2	540.0
10°	327.8	341.7	354.0	364.7	376.4	387.7	401.8	420.3	453.6	497.8	549.3
7.5°	329.1	342.6	354.7	365.1	377.1	387.8	403.0	421.6	457.4	501.4	554.4
5°	329.8	343.3	355.5	365.8	377.8	388.4	404.0	421.8	458.9	502.0	556.3
2.5°	330.0	343.8	356.0	366.2	378.4	389.8	405.9	424.0	460.3	504.5	557.5
0°	329.7	344.0	356.2	366.4	378.6	390.8	407.1	425.4	460.0	506.8	557.7
-2.5°	330.0	343.8	356.0	366.2	378.4	389.8	405.9	424.0	460.3	504.5	557.5
-5°	329.8	343.3	355.5	365.8	377.8	388.4	404.0	421.8	458.9	502.0	556.3
-7.5°	329.1	342.6	354.7	365.1	377.1	387.8	403.0	421.6	457.4	501.4	554.4
-10°	327.8	341.7	354.0	364.7	376.4	387.7	401.8	420.3	453.6	497.8	549.3
-12.5°	325.6	340.5	353.0	364.0	375.4	386.9	400.2	417.8	447.6	491.2	540.0
-15°	323.0	338.9	351.5	363.0	373.9	385.7	398.2	414.1	439.1	479.5	524.4
-17.5°	319.9	337.0	349.6	361.7	372.1	383.8	395.7	409.6	431.2	467.0	508.6
-20°	316.5	334.6	347.2	360.1	369.9	381.4	393.0	406.3	425.2	454.0	491.1



REPORT NUMBER: P559160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-940-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	312.8	331.9	344.4	357.4	367.8	378.6	389.9	402.2	417.9	440.1	472.2
-25°	308.1	327.2	341.1	353.9	365.1	375.4	386.4	397.4	411.4	429.6	454.1
-27.5°	302.3	322.2	337.4	349.9	362.0	371.9	382.5	393.2	404.5	418.2	437.0
-30°	296.2	316.8	333.2	345.6	357.6	368.1	378.3	387.7	397.3	409.1	424.0
-32.5°	289.4	310.8	327.3	340.6	352.6	363.7	373.2	381.9	390.7	400.6	411.9
-35°	281.4	302.7	320.5	335.1	347.3	358.2	367.7	376.3	383.8	392.6	401.8
-37.5°	272.0	294.2	313.3	328.3	340.8	351.9	361.8	370.2	377.8	384.2	392.2
-40°	262.2	285.2	304.1	320.1	333.5	344.7	354.7	363.8	371.5	377.5	383.4
-42.5°	251.9	274.1	293.8	311.5	324.5	336.3	347.2	356.2	364.1	370.2	375.6
-45°	239.6	262.6	282.9	299.9	314.7	326.8	337.6	348.0	355.6	362.6	367.7
-47.5°	226.9	250.2	270.1	288.1	303.2	316.1	327.1	337.2	346.4	353.4	360.0
-50°	213.3	235.8	256.9	274.4	290.4	303.9	315.4	325.9	335.2	343.2	349.8
-52.5°	197.9	221.0	241.2	259.7	275.8	290.3	302.5	313.4	322.9	331.7	339.0
-55°	182.2	204.3	224.8	243.1	259.7	274.4	288.3	299.3	309.5	318.0	327.0
-57.5°	166.2	186.8	206.7	225.3	241.7	257.0	270.7	283.9	294.2	303.2	312.4
-60°	149.9	169.0	187.4	205.5	222.6	237.4	251.6	264.2	276.1	287.4	295.7
-62.5°	133.4	150.9	167.9	184.3	200.5	216.7	230.6	243.2	255.0	265.3	275.2
-65°	117.2	132.7	148.3	163.3	177.6	192.4	206.9	220.9	232.3	241.8	251.0
-67.5°	100.6	114.5	128.5	142.4	155.5	168.1	181.0	193.7	205.8	216.1	225.2
-70°	84.5	96.1	108.3	120.6	132.6	143.6	154.5	165.6	176.4	186.2	195.0
-72.5°	68.4	78.7	88.7	98.5	108.8	118.8	128.1	136.9	145.7	154.4	162.7
-75°	54.9	61.2	69.6	78.1	86.1	94.1	102.2	110.1	116.9	123.3	129.7
-77.5°	43.4	48.0	53.1	58.5	63.8	69.9	76.0	82.3	88.0	92.9	97.3
-80°	32.3	34.6	37.8	41.4	45.2	48.9	52.4	55.7	59.4	63.3	67.4
-82.5°	22.4	24.4	26.1	27.5	29.0	30.3	31.8	34.2	37.3	40.2	43.0
-85°	13.1	14.2	15.6	16.9	18.1	19.1	20.1	20.9	22.2	23.4	24.7
-87.5°	6.6	7.1	7.6	8.1	8.6	9.1	9.6	10.0	10.5	10.9	11.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-940-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	11.6	11.6	11.4	11.3	11.1	11.3	11.5	11.6	11.8	11.9	12.0
85°	25.9	27.0	28.1	29.2	30.4	31.2	31.9	32.5	33.1	33.5	33.9
82.5°	45.5	47.9	50.0	51.9	53.6	55.0	56.3	57.4	58.4	59.2	59.9
80°	71.1	74.6	77.9	81.0	83.9	86.2	88.1	89.7	91.0	92.4	93.6
77.5°	101.6	106.5	111.1	115.4	119.1	122.3	125.0	127.4	129.4	131.9	134.1
75°	136.0	141.9	147.3	152.3	156.8	160.9	164.5	167.6	170.3	172.9	175.2
72.5°	170.5	177.7	183.9	189.2	194.0	198.6	203.1	207.4	211.3	214.2	216.4
70°	203.0	210.4	217.0	223.0	228.6	234.4	240.3	245.8	250.7	253.9	255.8
67.5°	232.8	240.3	247.8	255.3	262.0	268.0	273.9	279.3	284.1	287.4	289.5
65°	259.8	267.9	276.1	283.8	290.8	296.0	301.4	306.4	311.2	315.0	317.8
62.5°	284.8	292.9	299.9	306.4	312.4	317.5	322.8	327.5	331.6	335.2	338.6
60°	304.1	312.4	319.1	325.1	330.7	335.9	340.0	343.5	346.2	348.5	350.7
57.5°	320.6	328.5	335.3	340.2	345.2	350.1	353.7	355.9	357.5	358.8	359.7
55°	334.8	341.1	346.8	352.3	357.2	361.5	364.6	366.1	367.0	367.4	367.9
52.5°	346.2	352.4	358.2	363.4	367.3	370.8	373.9	374.8	375.3	375.5	375.6
50°	356.7	362.7	367.3	371.7	375.6	378.9	381.6	382.8	383.5	383.6	383.2
47.5°	365.1	370.3	375.4	379.9	383.9	387.6	390.6	392.3	393.6	394.2	394.1
45°	372.5	378.6	384.0	389.3	393.9	398.8	403.0	405.8	408.6	410.6	411.5
42.5°	381.2	387.3	393.3	400.6	407.3	413.7	420.6	426.6	433.0	439.7	444.3
40°	390.1	396.7	405.9	414.7	424.6	433.5	448.0	462.5	473.5	482.9	491.4
37.5°	400.3	409.8	420.9	432.2	448.3	464.9	483.3	501.3	517.0	531.1	542.6
35°	411.9	424.8	438.4	458.5	478.9	499.5	521.4	545.4	565.7	580.6	591.3
32.5°	426.2	442.5	464.2	489.9	515.0	541.6	568.1	594.9	614.9	635.6	656.4
30°	442.1	465.5	493.6	524.9	556.2	588.0	621.3	658.4	693.6	731.5	785.7
27.5°	462.3	490.8	523.9	560.8	598.6	636.5	694.6	758.1	852.6	927.9	1056.0
25°	483.8	517.2	556.7	599.5	645.6	713.5	819.7	945.2	1167.7	1340.3	1602.1
22.5°	507.9	547.2	590.8	640.0	714.3	842.3	1024.0	1346.4	1795.1	2238.1	2730.9
20°	531.6	575.1	622.9	697.3	823.6	1026.1	1419.6	2116.6	2895.2	4003.7	4934.1
17.5°	554.1	600.3	660.9	761.6	950.7	1357.9	2120.0	3314.0	4940.1	6727.0	8217.0
15°	573.8	621.1	702.7	862.2	1181.6	1815.8	2966.7	4998.7	7730.9	10177.4	12359.4
12.5°	590.5	646.5	748.0	943.3	1382.1	2320.9	4166.9	7052.5	10388.9	13819.9	16581.4
10°	602.7	673.4	808.5	1093.4	1700.6	2922.0	5167.4	8807.3	12824.4	16994.6	21986.6
7.5°	610.0	692.7	854.3	1204.9	1984.8	3591.4	6422.4	10374.0	14987.2	20679.9	28306.9
5°	615.2	705.7	888.3	1288.9	2174.7	4033.8	7214.7	11561.0	16853.2	25084.5	40781.5
2.5°	617.7	711.5	907.6	1335.0	2261.2	4261.3	7772.3	12240.7	17988.6	28191.7	49423.2
0°	616.7	708.3	909.9	1345.4	2273.6	4435.3	7865.1	12434.7	18372.2	28470.2	52193.6
-2.5°	617.7	711.5	907.6	1335.0	2261.2	4261.3	7772.3	12240.7	17988.6	28191.7	49423.2
-5°	615.2	705.7	888.3	1288.9	2174.7	4033.8	7214.7	11561.0	16853.2	25084.5	40781.5
-7.5°	610.0	692.7	854.3	1204.9	1984.8	3591.4	6422.4	10374.0	14987.2	20679.9	28306.9
-10°	602.7	673.4	808.5	1093.4	1700.6	2922.0	5167.4	8807.3	12824.4	16994.6	21986.6
-12.5°	590.5	646.5	748.0	943.3	1382.1	2320.9	4166.9	7052.5	10388.9	13819.9	16581.4
-15°	573.8	621.1	702.7	862.2	1181.6	1815.8	2966.7	4998.7	7730.9	10177.4	12359.4
-17.5°	554.1	600.3	660.9	761.6	950.7	1357.9	2120.0	3314.0	4940.1	6727.0	8217.0
-20°	531.6	575.1	622.9	697.3	823.6	1026.1	1419.6	2116.6	2895.2	4003.7	4934.1



REPORT NUMBER: P559160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-940-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	507.9	547.2	590.8	640.0	714.3	842.3	1024.0	1346.4	1795.1	2238.1	2730.9
-25°	483.8	517.2	556.7	599.5	645.6	713.5	819.7	945.2	1167.7	1340.3	1602.1
-27.5°	462.3	490.8	523.9	560.8	598.6	636.5	694.6	758.1	852.6	927.9	1056.0
-30°	442.1	465.5	493.6	524.9	556.2	588.0	621.3	658.4	693.6	731.5	785.7
-32.5°	426.2	442.5	464.2	489.9	515.0	541.6	568.1	594.9	614.9	635.6	656.4
-35°	411.9	424.8	438.4	458.5	478.9	499.5	521.4	545.4	565.7	580.6	591.3
-37.5°	400.3	409.8	420.9	432.2	448.3	464.9	483.3	501.3	517.0	531.1	542.6
-40°	390.1	396.7	405.9	414.7	424.6	433.5	448.0	462.5	473.5	482.9	491.4
-42.5°	381.2	387.3	393.3	400.6	407.3	413.7	420.6	426.6	433.0	439.7	444.3
-45°	372.5	378.6	384.0	389.3	393.9	398.8	403.0	405.8	408.6	410.6	411.5
-47.5°	365.1	370.3	375.4	379.9	383.9	387.6	390.6	392.3	393.6	394.2	394.1
-50°	356.7	362.7	367.3	371.7	375.6	378.9	381.6	382.8	383.5	383.6	383.2
-52.5°	346.2	352.4	358.2	363.4	367.3	370.8	373.9	374.8	375.3	375.5	375.6
-55°	334.8	341.1	346.8	352.3	357.2	361.5	364.6	366.1	367.0	367.4	367.9
-57.5°	320.6	328.5	335.3	340.2	345.2	350.1	353.7	355.9	357.5	358.8	359.7
-60°	304.1	312.4	319.1	325.1	330.7	335.9	340.0	343.5	346.2	348.5	350.7
-62.5°	284.8	292.9	299.9	306.4	312.4	317.5	322.8	327.5	331.6	335.2	338.6
-65°	259.8	267.9	276.1	283.8	290.8	296.0	301.4	306.4	311.2	315.0	317.8
-67.5°	232.8	240.3	247.8	255.3	262.0	268.0	273.9	279.3	284.1	287.4	289.5
-70°	203.0	210.4	217.0	223.0	228.6	234.4	240.3	245.8	250.7	253.9	255.8
-72.5°	170.5	177.7	183.9	189.2	194.0	198.6	203.1	207.4	211.3	214.2	216.4
-75°	136.0	141.9	147.3	152.3	156.8	160.9	164.5	167.6	170.3	172.9	175.2
-77.5°	101.6	106.5	111.1	115.4	119.1	122.3	125.0	127.4	129.4	131.9	134.1
-80°	71.1	74.6	77.9	81.0	83.9	86.2	88.1	89.7	91.0	92.4	93.6
-82.5°	45.5	47.9	50.0	51.9	53.6	55.0	56.3	57.4	58.4	59.2	59.9
-85°	25.9	27.0	28.1	29.2	30.4	31.2	31.9	32.5	33.1	33.5	33.9
-87.5°	11.6	11.6	11.4	11.3	11.1	11.3	11.5	11.6	11.8	11.9	12.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-940-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	12.1	12.2	12.2	12.2	12.2	12.2	12.1	12.0	11.9	11.8	11.6
85°	34.2	34.4	34.6	34.6	34.6	34.4	34.2	33.9	33.5	33.1	32.5
82.5°	60.4	60.8	61.0	61.1	61.0	60.8	60.4	59.9	59.2	58.4	57.4
80°	94.5	95.2	95.6	95.7	95.6	95.2	94.5	93.6	92.4	91.0	89.7
77.5°	136.0	137.6	138.2	138.4	138.2	137.6	136.0	134.1	131.9	129.4	127.4
75°	176.9	178.1	178.9	179.1	178.9	178.1	176.9	175.2	172.9	170.3	167.6
72.5°	217.8	218.7	220.5	221.9	220.5	218.7	217.8	216.4	214.2	211.3	207.4
70°	256.9	257.4	259.1	260.5	259.1	257.4	256.9	255.8	253.9	250.7	245.8
67.5°	291.0	291.9	291.9	291.1	291.9	291.9	291.0	289.5	287.4	284.1	279.3
65°	320.3	322.3	322.4	321.6	322.4	322.3	320.3	317.8	315.0	311.2	306.4
62.5°	341.8	344.6	345.7	346.0	345.7	344.6	341.8	338.6	335.2	331.6	327.5
60°	352.3	353.6	354.1	354.2	354.1	353.6	352.3	350.7	348.5	346.2	343.5
57.5°	360.1	360.1	360.2	360.3	360.2	360.1	360.1	359.7	358.8	357.5	355.9
55°	368.2	368.1	367.5	366.4	367.5	368.1	368.2	367.9	367.4	367.0	366.1
52.5°	375.3	374.6	373.7	372.5	373.7	374.6	375.3	375.6	375.5	375.3	374.8
50°	382.3	381.1	380.5	380.6	380.5	381.1	382.3	383.2	383.6	383.5	382.8
47.5°	393.8	392.9	392.6	392.8	392.6	392.9	393.8	394.1	394.2	393.6	392.3
45°	411.9	411.2	410.8	411.2	410.8	411.2	411.9	411.5	410.6	408.6	405.8
42.5°	446.8	447.1	446.9	447.8	446.9	447.1	446.8	444.3	439.7	433.0	426.6
40°	494.8	494.6	493.0	492.6	493.0	494.6	494.8	491.4	482.9	473.5	462.5
37.5°	547.3	547.4	545.6	545.5	545.6	547.4	547.3	542.6	531.1	517.0	501.3
35°	596.8	598.7	598.3	596.4	598.3	598.7	596.8	591.3	580.6	565.7	545.4
32.5°	671.2	682.6	688.5	686.0	688.5	682.6	671.2	656.4	635.6	614.9	594.9
30°	819.7	849.0	864.4	871.2	864.4	849.0	819.7	785.7	731.5	693.6	658.4
27.5°	1147.6	1212.3	1241.4	1251.8	1241.4	1212.3	1147.6	1056.0	927.9	852.6	758.1
25°	1830.7	1976.9	2049.0	2072.1	2049.0	1976.9	1830.7	1602.1	1340.3	1167.7	945.2
22.5°	3273.5	3554.9	3747.4	3790.1	3747.4	3554.9	3273.5	2730.9	2238.1	1795.1	1346.4
20°	5869.5	6413.7	6709.0	6682.5	6709.0	6413.7	5869.5	4934.1	4003.7	2895.2	2116.6
17.5°	9483.6	10181.5	10513.8	10358.5	10513.8	10181.5	9483.6	8217.0	6727.0	4940.1	3314.0
15°	13902.6	14845.6	15256.9	15384.1	15256.9	14845.6	13902.6	12359.4	10177.4	7730.9	4998.7
12.5°	19338.0	22429.2	23907.5	24303.6	23907.5	22429.2	19338.0	16581.4	13819.9	10388.9	7052.5
10°	27092.7	37483.5	43664.2	45173.3	43664.2	37483.5	27092.7	21986.6	16994.6	12824.4	8807.3
7.5°	44244.7	65359.7	89013.5	100214.6	89013.5	65359.7	44244.7	28306.9	20679.9	14987.2	10374.0
5°	67473.0	117104.8	171870.5	193339.6	171870.5	117104.8	67473.0	40781.5	25084.5	16853.2	11561.0
2.5°	95710.9	176819.2	252492.0	280701.2	252492.0	176819.2	95710.9	49423.2	28191.7	17988.6	12240.7
0°	107641.0	203852.8	278191.4	302355.6	278191.4	203852.8	107641.0	52193.6	28470.2	18372.2	12434.7
-2.5°	95710.9	176819.2	252492.0	280701.1	252492.0	176819.2	95710.9	49423.2	28191.7	17988.6	12240.7
-5°	67473.0	117104.8	171870.5	193339.6	171870.5	117104.8	67473.0	40781.5	25084.5	16853.2	11561.0
-7.5°	44244.7	65359.7	89013.5	100214.6	89013.5	65359.7	44244.7	28306.9	20679.9	14987.2	10374.0
-10°	27092.7	37483.5	43664.2	45173.3	43664.2	37483.5	27092.7	21986.6	16994.6	12824.4	8807.3
-12.5°	19338.0	22429.2	23907.5	24303.6	23907.5	22429.2	19338.0	16581.4	13819.9	10388.9	7052.5
-15°	13902.6	14845.6	15256.9	15384.1	15256.9	14845.6	13902.6	12359.4	10177.4	7730.9	4998.7
-17.5°	9483.6	10181.5	10513.8	10358.5	10513.8	10181.5	9483.6	8217.0	6727.0	4940.1	3314.0
-20°	5869.5	6413.7	6709.0	6682.5	6709.0	6413.7	5869.5	4934.1	4003.7	2895.2	2116.6



REPORT NUMBER: P559160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-940-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3273.5	3554.9	3747.4	3790.1	3747.4	3554.9	3273.5	2730.9	2238.1	1795.1	1346.4
-25°	1830.7	1976.9	2049.0	2072.1	2049.0	1976.9	1830.7	1602.1	1340.3	1167.7	945.2
-27.5°	1147.6	1212.3	1241.4	1251.8	1241.4	1212.3	1147.6	1056.0	927.9	852.6	758.1
-30°	819.7	849.0	864.4	871.2	864.4	849.0	819.7	785.7	731.5	693.6	658.4
-32.5°	671.2	682.6	688.5	686.0	688.5	682.6	671.2	656.4	635.6	614.9	594.9
-35°	596.8	598.7	598.3	596.4	598.3	598.7	596.8	591.3	580.6	565.7	545.4
-37.5°	547.3	547.4	545.6	545.5	545.6	547.4	547.3	542.6	531.1	517.0	501.3
-40°	494.8	494.6	493.0	492.6	493.0	494.6	494.8	491.4	482.9	473.5	462.5
-42.5°	446.8	447.1	446.9	447.8	446.9	447.1	446.8	444.3	439.7	433.0	426.6
-45°	411.9	411.2	410.8	411.2	410.8	411.2	411.9	411.5	410.6	408.6	405.8
-47.5°	393.8	392.9	392.6	392.8	392.6	392.9	393.8	394.1	394.2	393.6	392.3
-50°	382.3	381.1	380.5	380.6	380.5	381.1	382.3	383.2	383.6	383.5	382.8
-52.5°	375.3	374.6	373.7	372.5	373.7	374.6	375.3	375.6	375.5	375.3	374.8
-55°	368.2	368.1	367.5	366.4	367.5	368.1	368.2	367.9	367.4	367.0	366.1
-57.5°	360.1	360.1	360.2	360.3	360.2	360.1	360.1	359.7	358.8	357.5	355.9
-60°	352.3	353.6	354.1	354.2	354.1	353.6	352.3	350.7	348.5	346.2	343.5
-62.5°	341.8	344.6	345.7	346.0	345.7	344.6	341.8	338.6	335.2	331.6	327.5
-65°	320.3	322.3	322.4	321.6	322.4	322.3	320.3	317.8	315.0	311.2	306.4
-67.5°	291.0	291.9	291.9	291.1	291.9	291.9	291.0	289.5	287.4	284.1	279.3
-70°	256.9	257.4	259.1	260.5	259.1	257.4	256.9	255.8	253.9	250.7	245.8
-72.5°	217.8	218.7	220.5	221.9	220.5	218.7	217.8	216.4	214.2	211.3	207.4
-75°	176.9	178.1	178.9	179.1	178.9	178.1	176.9	175.2	172.9	170.3	167.6
-77.5°	136.0	137.6	138.2	138.4	138.2	137.6	136.0	134.1	131.9	129.4	127.4
-80°	94.5	95.2	95.6	95.7	95.6	95.2	94.5	93.6	92.4	91.0	89.7
-82.5°	60.4	60.8	61.0	61.1	61.0	60.8	60.4	59.9	59.2	58.4	57.4
-85°	34.2	34.4	34.6	34.6	34.6	34.4	34.2	33.9	33.5	33.1	32.5
-87.5°	12.1	12.2	12.2	12.2	12.2	12.2	12.1	12.0	11.9	11.8	11.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-940-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	11.5	11.3	11.1	11.3	11.4	11.6	11.6	11.3	10.9	10.5	10.0
85°	31.9	31.2	30.4	29.2	28.1	27.0	25.9	24.7	23.4	22.2	20.9
82.5°	56.3	55.0	53.6	51.9	50.0	47.9	45.5	43.0	40.2	37.3	34.2
80°	88.1	86.2	83.9	81.0	77.9	74.6	71.1	67.4	63.3	59.4	55.7
77.5°	125.0	122.3	119.1	115.4	111.1	106.5	101.6	97.3	92.9	88.0	82.3
75°	164.5	160.9	156.8	152.3	147.3	141.9	136.0	129.7	123.3	116.9	110.1
72.5°	203.1	198.6	194.0	189.2	183.9	177.7	170.5	162.7	154.4	145.7	136.9
70°	240.3	234.4	228.6	223.0	217.0	210.4	203.0	195.0	186.2	176.4	165.6
67.5°	273.9	268.0	262.0	255.3	247.8	240.3	232.8	225.2	216.1	205.8	193.7
65°	301.4	296.0	290.8	283.8	276.1	267.9	259.8	251.0	241.8	232.3	220.9
62.5°	322.8	317.5	312.4	306.4	299.9	292.9	284.8	275.2	265.3	255.0	243.2
60°	340.0	335.9	330.7	325.1	319.1	312.4	304.1	295.7	287.4	276.1	264.2
57.5°	353.7	350.1	345.2	340.2	335.3	328.5	320.6	312.4	303.2	294.2	283.9
55°	364.6	361.5	357.2	352.3	346.8	341.1	334.8	327.0	318.0	309.5	299.3
52.5°	373.9	370.8	367.3	363.4	358.2	352.4	346.2	339.0	331.7	322.9	313.4
50°	381.6	378.9	375.6	371.7	367.3	362.7	356.7	349.8	343.2	335.2	325.9
47.5°	390.6	387.6	383.9	379.9	375.4	370.3	365.1	360.0	353.4	346.4	337.2
45°	403.0	398.8	393.9	389.3	384.0	378.6	372.5	367.7	362.6	355.6	348.0
42.5°	420.6	413.7	407.3	400.6	393.3	387.3	381.2	375.6	370.2	364.1	356.2
40°	448.0	433.5	424.6	414.7	405.9	396.7	390.1	383.4	377.5	371.5	363.8
37.5°	483.3	464.9	448.3	432.2	420.9	409.8	400.3	392.2	384.2	377.8	370.2
35°	521.4	499.5	478.9	458.5	438.4	424.8	411.9	401.8	392.6	383.8	376.3
32.5°	568.1	541.6	515.0	489.9	464.2	442.5	426.2	411.9	400.6	390.7	381.9
30°	621.3	588.0	556.2	524.9	493.6	465.5	442.1	424.0	409.1	397.3	387.7
27.5°	694.6	636.5	598.6	560.8	523.9	490.8	462.3	437.0	418.2	404.5	393.2
25°	819.7	713.5	645.6	599.5	556.7	517.2	483.8	454.1	429.6	411.4	397.4
22.5°	1024.0	842.3	714.3	640.0	590.8	547.2	507.9	472.2	440.1	417.9	402.2
20°	1419.6	1026.1	823.6	697.3	622.9	575.1	531.6	491.1	454.0	425.2	406.3
17.5°	2120.0	1357.9	950.7	761.6	660.9	600.3	554.1	508.6	467.0	431.2	409.6
15°	2966.7	1815.8	1181.6	862.2	702.7	621.1	573.8	524.4	479.5	439.1	414.1
12.5°	4166.9	2320.9	1382.1	943.3	748.0	646.5	590.5	540.0	491.2	447.6	417.8
10°	5167.4	2922.0	1700.6	1093.4	808.5	673.4	602.7	549.3	497.8	453.6	420.3
7.5°	6422.4	3591.4	1984.8	1204.9	854.3	692.7	610.0	554.4	501.4	457.4	421.6
5°	7214.7	4033.8	2174.7	1288.9	888.3	705.7	615.2	556.3	502.0	458.9	421.8
2.5°	7772.3	4261.3	2261.2	1335.0	907.6	711.5	617.7	557.5	504.5	460.3	424.0
0°	7865.1	4435.3	2273.6	1345.4	909.9	708.3	616.7	557.7	506.8	460.0	425.4
-2.5°	7772.3	4261.3	2261.2	1335.0	907.6	711.5	617.7	557.5	504.5	460.3	424.0
-5°	7214.7	4033.8	2174.7	1288.9	888.3	705.7	615.2	556.3	502.0	458.9	421.8
-7.5°	6422.4	3591.4	1984.8	1204.9	854.3	692.7	610.0	554.4	501.4	457.4	421.6
-10°	5167.4	2922.0	1700.6	1093.4	808.5	673.4	602.7	549.3	497.8	453.6	420.3
-12.5°	4166.9	2320.9	1382.1	943.3	748.0	646.5	590.5	540.0	491.2	447.6	417.8
-15°	2966.7	1815.8	1181.6	862.2	702.7	621.1	573.8	524.4	479.5	439.1	414.1
-17.5°	2120.0	1357.9	950.7	761.6	660.9	600.3	554.1	508.6	467.0	431.2	409.6
-20°	1419.6	1026.1	823.6	697.3	622.9	575.1	531.6	491.1	454.0	425.2	406.3



REPORT NUMBER: P559160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-940-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1024.0	842.3	714.3	640.0	590.8	547.2	507.9	472.2	440.1	417.9	402.2
-25°	819.7	713.5	645.6	599.5	556.7	517.2	483.8	454.1	429.6	411.4	397.4
-27.5°	694.6	636.5	598.6	560.8	523.9	490.8	462.3	437.0	418.2	404.5	393.2
-30°	621.3	588.0	556.2	524.9	493.6	465.5	442.1	424.0	409.1	397.3	387.7
-32.5°	568.1	541.6	515.0	489.9	464.2	442.5	426.2	411.9	400.6	390.7	381.9
-35°	521.4	499.5	478.9	458.5	438.4	424.8	411.9	401.8	392.6	383.8	376.3
-37.5°	483.3	464.9	448.3	432.2	420.9	409.8	400.3	392.2	384.2	377.8	370.2
-40°	448.0	433.5	424.6	414.7	405.9	396.7	390.1	383.4	377.5	371.5	363.8
-42.5°	420.6	413.7	407.3	400.6	393.3	387.3	381.2	375.6	370.2	364.1	356.2
-45°	403.0	398.8	393.9	389.3	384.0	378.6	372.5	367.7	362.6	355.6	348.0
-47.5°	390.6	387.6	383.9	379.9	375.4	370.3	365.1	360.0	353.4	346.4	337.2
-50°	381.6	378.9	375.6	371.7	367.3	362.7	356.7	349.8	343.2	335.2	325.9
-52.5°	373.9	370.8	367.3	363.4	358.2	352.4	346.2	339.0	331.7	322.9	313.4
-55°	364.6	361.5	357.2	352.3	346.8	341.1	334.8	327.0	318.0	309.5	299.3
-57.5°	353.7	350.1	345.2	340.2	335.3	328.5	320.6	312.4	303.2	294.2	283.9
-60°	340.0	335.9	330.7	325.1	319.1	312.4	304.1	295.7	287.4	276.1	264.2
-62.5°	322.8	317.5	312.4	306.4	299.9	292.9	284.8	275.2	265.3	255.0	243.2
-65°	301.4	296.0	290.8	283.8	276.1	267.9	259.8	251.0	241.8	232.3	220.9
-67.5°	273.9	268.0	262.0	255.3	247.8	240.3	232.8	225.2	216.1	205.8	193.7
-70°	240.3	234.4	228.6	223.0	217.0	210.4	203.0	195.0	186.2	176.4	165.6
-72.5°	203.1	198.6	194.0	189.2	183.9	177.7	170.5	162.7	154.4	145.7	136.9
-75°	164.5	160.9	156.8	152.3	147.3	141.9	136.0	129.7	123.3	116.9	110.1
-77.5°	125.0	122.3	119.1	115.4	111.1	106.5	101.6	97.3	92.9	88.0	82.3
-80°	88.1	86.2	83.9	81.0	77.9	74.6	71.1	67.4	63.3	59.4	55.7
-82.5°	56.3	55.0	53.6	51.9	50.0	47.9	45.5	43.0	40.2	37.3	34.2
-85°	31.9	31.2	30.4	29.2	28.1	27.0	25.9	24.7	23.4	22.2	20.9
-87.5°	11.5	11.3	11.1	11.3	11.4	11.6	11.6	11.3	10.9	10.5	10.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559160 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-940-U-TS-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	9.6	9.1	8.6	8.1	7.6	7.1	6.6	6.0	5.4	4.9	4.3
85°	20.1	19.1	18.1	16.9	15.6	14.2	13.1	12.0	10.9	9.7	8.5
82.5°	31.8	30.3	29.0	27.5	26.1	24.4	22.4	20.1	17.4	14.7	12.8
80°	52.4	48.9	45.2	41.4	37.8	34.6	32.3	29.5	25.6	21.9	18.3
77.5°	76.0	69.9	63.8	58.5	53.1	48.0	43.4	38.9	33.8	29.1	24.5
75°	102.2	94.1	86.1	78.1	69.6	61.2	54.9	49.1	42.8	36.3	30.5
72.5°	128.1	118.8	108.8	98.5	88.7	78.7	68.4	59.1	52.1	44.7	36.9
70°	154.5	143.6	132.6	120.6	108.3	96.1	84.5	72.8	61.4	53.1	44.4
67.5°	181.0	168.1	155.5	142.4	128.5	114.5	100.6	87.1	74.0	61.4	51.7
65°	206.9	192.4	177.6	163.3	148.3	132.7	117.2	101.3	86.2	72.1	59.0
62.5°	230.6	216.7	200.5	184.3	167.9	150.9	133.4	116.1	98.5	82.5	67.4
60°	251.6	237.4	222.6	205.5	187.4	169.0	149.9	130.5	111.5	92.6	76.1
57.5°	270.7	257.0	241.7	225.3	206.7	186.8	166.2	145.1	124.2	103.6	84.5
55°	288.3	274.4	259.7	243.1	224.8	204.3	182.2	159.6	136.8	114.6	92.7
52.5°	302.5	290.3	275.8	259.7	241.2	221.0	197.9	173.7	149.4	125.3	102.0
50°	315.4	303.9	290.4	274.4	256.9	235.8	213.3	187.7	161.7	135.8	111.2
47.5°	327.1	316.1	303.2	288.1	270.1	250.2	226.9	201.3	173.5	146.3	120.0
45°	337.6	326.8	314.7	299.9	282.9	262.6	239.6	214.6	185.4	156.5	128.4
42.5°	347.2	336.3	324.5	311.5	293.8	274.1	251.9	225.9	197.0	166.3	136.7
40°	354.7	344.7	333.5	320.1	304.1	285.2	262.2	236.5	208.0	175.8	144.9
37.5°	361.8	351.9	340.8	328.3	313.3	294.2	272.0	246.6	218.0	185.1	152.7
35°	367.7	358.2	347.3	335.1	320.5	302.7	281.4	255.7	226.4	193.8	160.0
32.5°	373.2	363.7	352.6	340.6	327.3	310.8	289.4	263.5	234.3	201.9	166.9
30°	378.3	368.1	357.6	345.6	333.2	316.8	296.2	270.8	241.6	209.4	173.4
27.5°	382.5	371.9	362.0	349.9	337.4	322.2	302.3	277.5	248.4	215.9	179.4
25°	386.4	375.4	365.1	353.9	341.1	327.2	308.1	283.6	254.1	221.4	185.0
22.5°	389.9	378.6	367.8	357.4	344.4	331.9	312.8	288.3	259.1	226.4	189.9
20°	393.0	381.4	369.9	360.1	347.2	334.6	316.5	292.5	263.6	230.8	194.4
17.5°	395.7	383.8	372.1	361.7	349.6	337.0	319.9	296.3	267.5	234.7	198.3
15°	398.2	385.7	373.9	363.0	351.5	338.9	323.0	299.6	270.8	238.1	201.6
12.5°	400.2	386.9	375.4	364.0	353.0	340.5	325.6	302.4	273.6	240.9	204.4
10°	401.8	387.7	376.4	364.7	354.0	341.7	327.8	304.6	275.9	243.1	206.6
7.5°	403.0	387.8	377.1	365.1	354.7	342.6	329.1	306.2	277.5	244.8	208.2
5°	404.0	388.4	377.8	365.8	355.5	343.3	329.8	307.2	278.5	245.9	209.2
2.5°	405.9	389.8	378.4	366.2	356.0	343.8	330.0	307.6	279.0	246.4	209.7
0°	407.1	390.8	378.6	366.4	356.2	344.0	329.7	307.4	278.9	246.3	209.7
-2.5°	405.9	389.8	378.4	366.2	356.0	343.8	330.0	307.6	279.0	246.4	209.7
-5°	404.0	388.4	377.8	365.8	355.5	343.3	329.8	307.2	278.5	245.9	209.2
-7.5°	403.0	387.8	377.1	365.1	354.7	342.6	329.1	306.2	277.5	244.8	208.2
-10°	401.8	387.7	376.4	364.7	354.0	341.7	327.8	304.6	275.9	243.1	206.6
-12.5°	400.2	386.9	375.4	364.0	353.0	340.5	325.6	302.4	273.6	240.9	204.4
-15°	398.2	385.7	373.9	363.0	351.5	338.9	323.0	299.6	270.8	238.1	201.6
-17.5°	395.7	383.8	372.1	361.7	349.6	337.0	319.9	296.3	267.5	234.7	198.3
-20°	393.0	381.4	369.9	360.1	347.2	334.6	316.5	292.5	263.6	230.8	194.4



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	389.9	378.6	367.8	357.4	344.4	331.9	312.8	288.3	259.1	226.4	189.9
-25°	386.4	375.4	365.1	353.9	341.1	327.2	308.1	283.6	254.1	221.4	185.0
-27.5°	382.5	371.9	362.0	349.9	337.4	322.2	302.3	277.5	248.4	215.9	179.4
-30°	378.3	368.1	357.6	345.6	333.2	316.8	296.2	270.8	241.6	209.4	173.4
-32.5°	373.2	363.7	352.6	340.6	327.3	310.8	289.4	263.5	234.3	201.9	166.9
-35°	367.7	358.2	347.3	335.1	320.5	302.7	281.4	255.7	226.4	193.8	160.0
-37.5°	361.8	351.9	340.8	328.3	313.3	294.2	272.0	246.6	218.0	185.1	152.7
-40°	354.7	344.7	333.5	320.1	304.1	285.2	262.2	236.5	208.0	175.8	144.9
-42.5°	347.2	336.3	324.5	311.5	293.8	274.1	251.9	225.9	197.0	166.3	136.7
-45°	337.6	326.8	314.7	299.9	282.9	262.6	239.6	214.6	185.4	156.5	128.4
-47.5°	327.1	316.1	303.2	288.1	270.1	250.2	226.9	201.3	173.5	146.3	120.0
-50°	315.4	303.9	290.4	274.4	256.9	235.8	213.3	187.7	161.7	135.8	111.2
-52.5°	302.5	290.3	275.8	259.7	241.2	221.0	197.9	173.7	149.4	125.3	102.0
-55°	288.3	274.4	259.7	243.1	224.8	204.3	182.2	159.6	136.8	114.6	92.7
-57.5°	270.7	257.0	241.7	225.3	206.7	186.8	166.2	145.1	124.2	103.6	84.5
-60°	251.6	237.4	222.6	205.5	187.4	169.0	149.9	130.5	111.5	92.6	76.1
-62.5°	230.6	216.7	200.5	184.3	167.9	150.9	133.4	116.1	98.5	82.5	67.4
-65°	206.9	192.4	177.6	163.3	148.3	132.7	117.2	101.3	86.2	72.1	59.0
-67.5°	181.0	168.1	155.5	142.4	128.5	114.5	100.6	87.1	74.0	61.4	51.7
-70°	154.5	143.6	132.6	120.6	108.3	96.1	84.5	72.8	61.4	53.1	44.4
-72.5°	128.1	118.8	108.8	98.5	88.7	78.7	68.4	59.1	52.1	44.7	36.9
-75°	102.2	94.1	86.1	78.1	69.6	61.2	54.9	49.1	42.8	36.3	30.5
-77.5°	76.0	69.9	63.8	58.5	53.1	48.0	43.4	38.9	33.8	29.1	24.5
-80°	52.4	48.9	45.2	41.4	37.8	34.6	32.3	29.5	25.6	21.9	18.3
-82.5°	31.8	30.3	29.0	27.5	26.1	24.4	22.4	20.1	17.4	14.7	12.8
-85°	20.1	19.1	18.1	16.9	15.6	14.2	13.1	12.0	10.9	9.7	8.5
-87.5°	9.6	9.1	8.6	8.1	7.6	7.1	6.6	6.0	5.4	4.9	4.3
-90°	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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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.7	3.2	2.6	2.1	1.4	0.7	0.0
85°	7.3	6.4	5.3	4.1	2.8	1.4	0.0
82.5°	11.0	9.5	7.9	6.2	4.2	2.1	0.0
80°	14.9	12.7	10.6	8.2	5.7	2.8	0.0
77.5°	20.1	16.3	13.2	10.2	7.0	3.5	0.0
75°	25.2	20.6	15.9	12.3	8.4	4.2	0.0
72.5°	30.4	24.9	19.4	14.3	9.8	4.9	0.0
70°	35.6	29.1	22.7	16.3	11.1	5.6	0.0
67.5°	42.0	33.3	26.1	18.8	12.5	6.2	0.0
65°	48.3	37.9	29.3	21.3	13.8	6.9	0.0
62.5°	54.4	42.9	32.6	23.7	15.0	7.5	0.0
60°	60.4	47.9	35.7	26.1	16.3	8.1	0.0
57.5°	67.5	52.7	39.5	28.4	17.8	8.8	0.0
55°	74.6	57.3	43.2	30.6	19.3	9.3	0.0
52.5°	81.4	62.0	46.7	32.8	20.7	9.9	0.0
50°	88.1	67.6	50.2	34.9	22.1	10.5	0.0
47.5°	94.7	72.9	53.5	37.1	23.4	11.0	0.0
45°	101.9	78.0	56.6	39.4	24.7	11.5	0.0
42.5°	108.7	83.0	59.7	41.7	25.9	12.0	0.0
40°	115.2	87.7	63.0	43.8	27.1	12.5	0.0
37.5°	121.4	92.1	66.5	45.8	28.2	12.9	0.0
35°	127.2	96.8	69.9	47.6	29.2	13.4	0.0
32.5°	132.7	101.3	73.1	49.3	30.2	13.7	0.0
30°	138.2	105.5	76.0	50.9	31.1	14.1	0.0
27.5°	143.3	109.4	78.7	52.3	32.0	14.5	0.0
25°	148.0	112.9	81.2	53.6	32.8	14.8	0.0
22.5°	152.2	116.1	83.5	54.8	33.5	15.1	0.0
20°	156.0	119.1	85.5	55.8	34.1	15.3	0.0
17.5°	159.5	121.7	87.4	56.7	34.7	15.5	0.0
15°	162.5	124.0	89.0	57.4	35.2	15.7	0.0
12.5°	165.1	125.9	90.4	58.0	35.6	15.9	0.0
10°	167.2	127.5	91.5	58.5	36.0	16.1	0.0
7.5°	168.9	128.7	92.4	58.8	36.3	16.2	0.0
5°	170.0	129.6	93.1	59.0	36.4	16.2	0.0
2.5°	170.8	130.1	93.5	59.1	36.6	16.3	0.0
0°	171.0	130.3	93.6	59.0	36.6	16.3	0.0
-2.5°	170.8	130.1	93.5	59.1	36.6	16.3	0.0
-5°	170.0	129.6	93.1	59.0	36.4	16.2	0.0
-7.5°	168.9	128.7	92.4	58.8	36.3	16.2	0.0
-10°	167.2	127.5	91.5	58.5	36.0	16.1	0.0
-12.5°	165.1	125.9	90.4	58.0	35.6	15.9	0.0
-15°	162.5	124.0	89.0	57.4	35.2	15.7	0.0
-17.5°	159.5	121.7	87.4	56.7	34.7	15.5	0.0
-20°	156.0	119.1	85.5	55.8	34.1	15.3	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	152.2	116.1	83.5	54.8	33.5	15.1	0.0
-25°	148.0	112.9	81.2	53.6	32.8	14.8	0.0
-27.5°	143.3	109.4	78.7	52.3	32.0	14.5	0.0
-30°	138.2	105.5	76.0	50.9	31.1	14.1	0.0
-32.5°	132.7	101.3	73.1	49.3	30.2	13.7	0.0
-35°	127.2	96.8	69.9	47.6	29.2	13.4	0.0
-37.5°	121.4	92.1	66.5	45.8	28.2	12.9	0.0
-40°	115.2	87.7	63.0	43.8	27.1	12.5	0.0
-42.5°	108.7	83.0	59.7	41.7	25.9	12.0	0.0
-45°	101.9	78.0	56.6	39.4	24.7	11.5	0.0
-47.5°	94.7	72.9	53.5	37.1	23.4	11.0	0.0
-50°	88.1	67.6	50.2	34.9	22.1	10.5	0.0
-52.5°	81.4	62.0	46.7	32.8	20.7	9.9	0.0
-55°	74.6	57.3	43.2	30.6	19.3	9.3	0.0
-57.5°	67.5	52.7	39.5	28.4	17.8	8.8	0.0
-60°	60.4	47.9	35.7	26.1	16.3	8.1	0.0
-62.5°	54.4	42.9	32.6	23.7	15.0	7.5	0.0
-65°	48.3	37.9	29.3	21.3	13.8	6.9	0.0
-67.5°	42.0	33.3	26.1	18.8	12.5	6.2	0.0
-70°	35.6	29.1	22.7	16.3	11.1	5.6	0.0
-72.5°	30.4	24.9	19.4	14.3	9.8	4.9	0.0
-75°	25.2	20.6	15.9	12.3	8.4	4.2	0.0
-77.5°	20.1	16.3	13.2	10.2	7.0	3.5	0.0
-80°	14.9	12.7	10.6	8.2	5.7	2.8	0.0
-82.5°	11.0	9.5	7.9	6.2	4.2	2.1	0.0
-85°	7.3	6.4	5.3	4.1	2.8	1.4	0.0
-87.5°	3.7	3.2	2.6	2.1	1.4	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)