

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: P558733 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-935-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558733 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-5)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA2E-935-U-MWR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (32) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

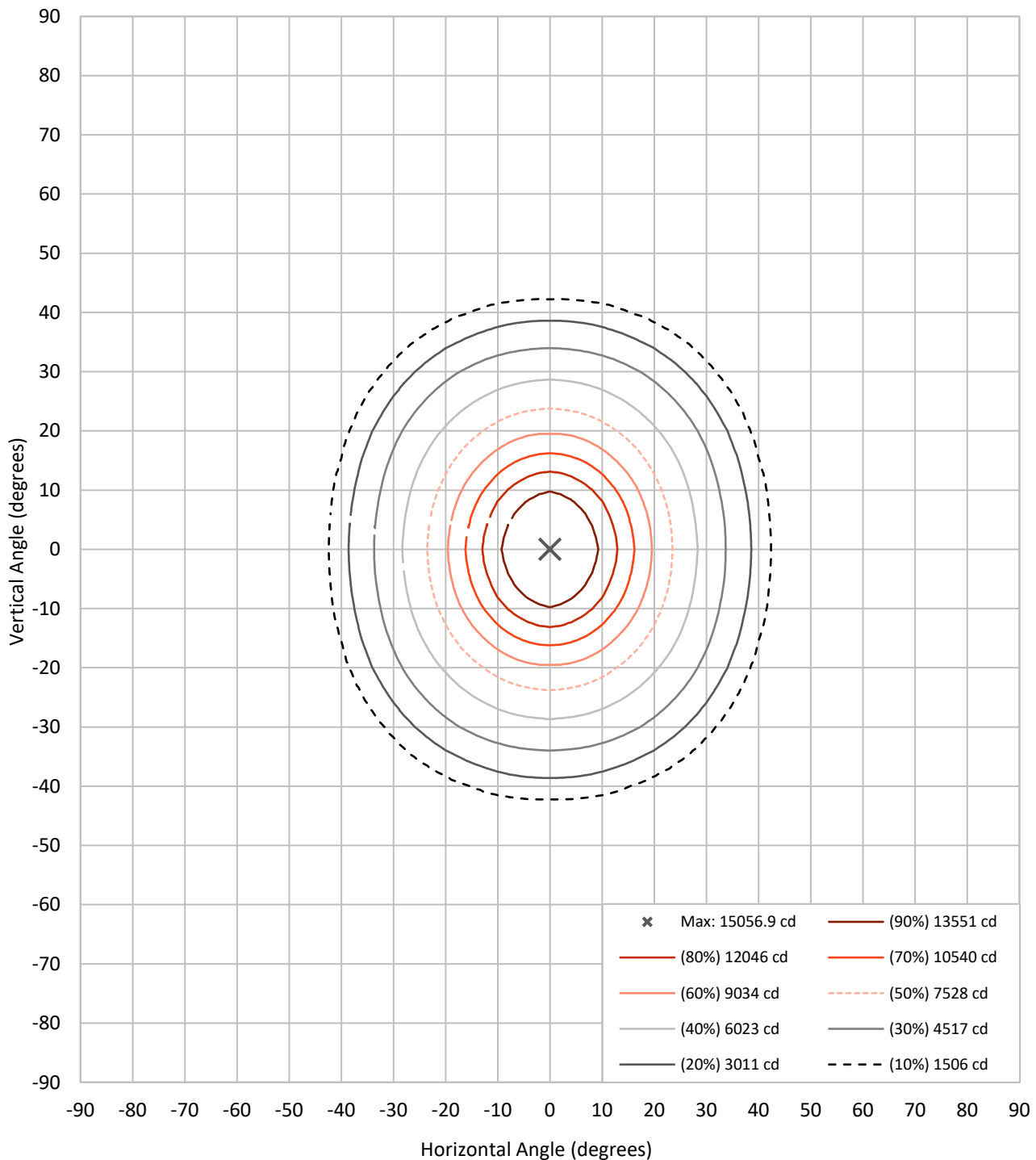
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	11720.9 lumens	Max Intensity:	15056.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	92.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	5530.7 lumens	Field Lumens:	10642.6 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 127
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



REPORT NUMBER: P558733 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





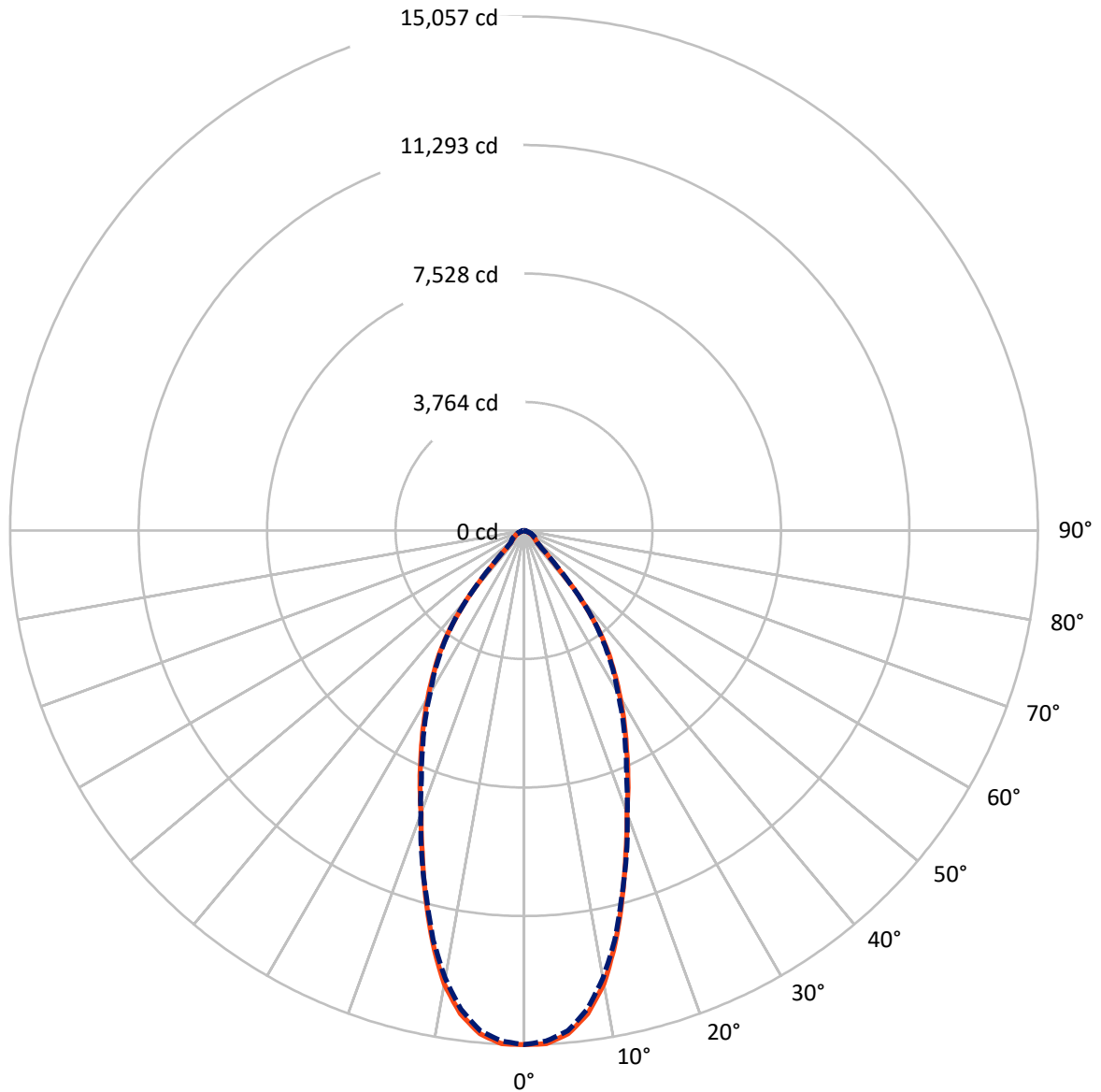
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Lumen Table

90																
80	0.2	1.4		3.2		5.3		4.1		5.3		3.2		1.4		0.2
70																
60	0.8	0.9	1.7	2.7	3.7	4.7	5.4	5.8	5.8	5.4	4.7	3.7	2.7	1.7	0.9	0.8
50		1.4	2.8	4.7	6.7	8.4	9.6	10.6	10.6	9.6	8.4	6.7	4.7	2.8	1.4	
40	1.2	1.9	3.9	6.6	9.6	13.1	20.8	29.2	29.2	20.8	13.1	9.6	6.6	3.9	1.9	1.2
30		2.3	4.9	8.2	15.4	49.4	96.2	122.5	122.5	96.2	49.4	15.4	8.2	4.9	2.3	
20	1.4	2.7	5.7	10.3	45.2	118.0	174.1	210.8	210.8	174.1	118.0	45.2	10.3	5.7	2.7	1.4
10		3.0	6.4	15.8	82.1	162.9	247.5	322.1	322.1	247.5	162.9	82.1	15.8	6.4	3.0	
0	1.4	3.2	6.9	21.8	100.1	190.0	311.3	421.0	421.0	311.3	190.0	100.1	21.8	6.9	3.2	1.4
-10		3.2	6.9	21.8	100.1	190.0	311.3	421.0	421.0	311.3	190.0	100.1	21.8	6.9	3.2	
-20	1.4	3.0	6.4	15.8	82.1	162.9	247.5	322.1	322.1	247.5	162.9	82.1	15.8	6.4	3.0	1.4
-30		2.7	5.7	10.3	45.2	118.0	174.1	210.8	210.8	174.1	118.0	45.2	10.3	5.7	2.7	
-40	1.2	2.3	4.9	8.2	15.4	49.4	96.2	122.5	122.5	96.2	49.4	15.4	8.2	4.9	2.3	1.2
-50		1.9	3.9	6.6	9.6	13.1	20.8	29.2	29.2	20.8	13.1	9.6	6.6	3.9	1.9	
-60	0.8	1.4	2.8	4.7	6.7	8.4	9.6	10.6	10.6	9.6	8.4	6.7	4.7	2.8	1.4	0.8
-70		0.9	1.7	2.7	3.7	4.7	5.4	5.8	5.8	5.4	4.7	3.7	2.7	1.7	0.9	
-80																
-90	0.2	1.4		3.2		5.3		4.1		5.3		3.2		1.4		0.2

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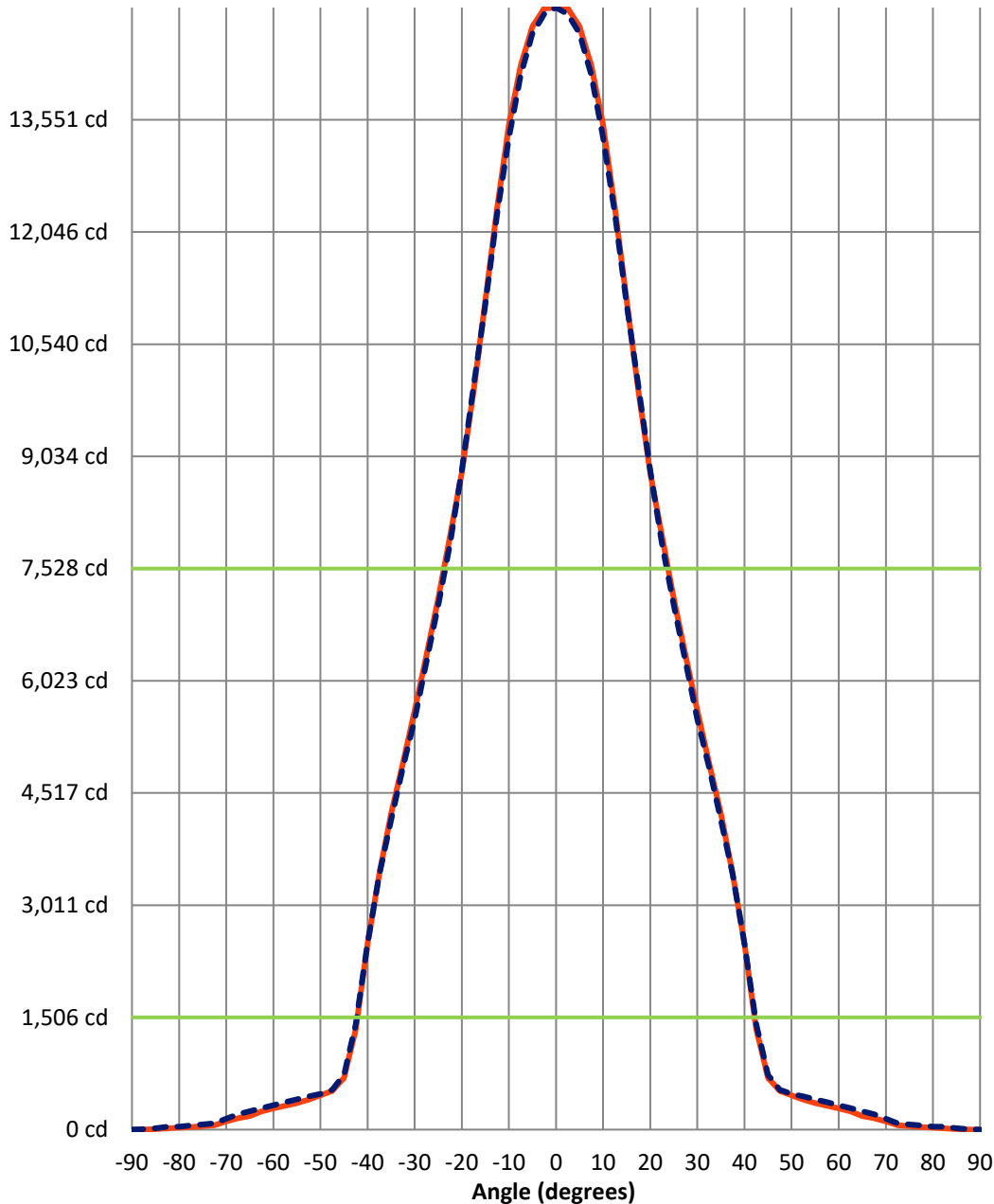
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 47°
 V Angle: 47.6°
 Lumens: 5530.7
 Efficiency: 47.2%

Field:
 H Angle: 84.6°
 V Angle: 84.3°
 Lumens: 10642.6
 Efficiency: 90.8%

Spill:
 Lumens: 1078.4
 Efficiency: 9.2%

- 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	0.2	0.5	0.8	1.2	1.6	2.0	2.3	2.5	2.7	2.9
85°	0.0	0.5	1.0	1.6	2.4	3.2	4.1	4.6	5.0	5.4	5.7
82.5°	0.0	0.7	1.5	2.4	3.5	4.7	6.1	6.9	7.8	9.3	10.4
80°	0.0	1.0	2.0	3.2	4.7	6.3	8.4	11.2	13.4	15.0	16.2
77.5°	0.0	1.2	2.5	4.0	5.8	8.6	13.2	16.5	19.0	20.8	22.5
75°	0.0	1.5	2.9	4.8	7.2	12.2	17.9	21.9	24.8	27.9	30.3
72.5°	0.0	1.7	3.4	5.6	9.9	15.8	22.5	27.6	32.0	35.5	38.2
70°	0.0	1.9	3.9	6.5	12.5	19.3	27.1	34.4	39.3	43.3	49.5
67.5°	0.0	2.2	4.4	8.2	15.0	22.7	32.5	41.1	46.6	53.0	61.2
65°	0.0	2.4	4.8	9.9	17.4	26.3	37.7	47.9	54.3	62.4	72.3
62.5°	0.0	2.6	5.3	11.6	19.8	30.1	42.6	54.0	61.6	71.4	82.4
60°	0.0	2.8	5.7	13.2	22.0	33.8	47.2	59.5	68.5	80.5	92.5
57.5°	0.0	3.1	6.7	14.7	24.6	37.2	50.4	64.4	76.2	89.5	101.2
55°	0.0	3.3	7.6	16.1	27.0	40.5	53.1	68.0	84.1	98.0	109.3
52.5°	0.0	3.5	8.6	17.5	29.3	43.2	55.4	72.9	91.7	105.1	117.2
50°	0.0	3.7	9.5	18.8	31.4	44.6	57.3	77.4	98.9	112.1	126.0
47.5°	0.0	3.9	10.3	20.0	33.4	45.8	59.1	81.4	105.0	119.0	134.6
45°	0.0	4.0	11.1	21.4	35.2	46.6	61.9	84.9	108.1	126.4	142.8
42.5°	0.0	4.2	11.9	22.6	36.9	47.1	64.3	87.3	110.5	133.4	151.2
40°	0.0	4.4	12.7	23.9	37.7	47.4	66.3	88.9	112.6	139.8	159.4
37.5°	0.0	4.5	13.4	25.2	37.8	47.4	67.9	90.0	114.9	142.8	167.2
35°	0.0	4.7	14.0	26.5	37.8	48.0	68.9	90.6	116.9	147.4	174.7
32.5°	0.0	4.8	14.6	27.8	37.6	48.8	69.5	90.8	118.4	152.9	181.5
30°	0.0	4.9	15.2	29.0	37.2	49.2	69.4	90.8	119.6	159.4	188.2
27.5°	0.0	5.1	15.7	30.2	37.6	49.3	69.0	91.4	122.0	166.7	194.8
25°	0.0	5.2	16.1	31.3	38.1	49.2	68.3	91.6	126.9	172.7	201.3
22.5°	0.0	5.3	16.6	32.4	38.4	49.3	67.2	91.5	132.0	177.7	209.2
20°	0.0	5.4	16.9	33.4	38.7	50.6	65.8	91.0	137.2	182.4	216.5
17.5°	0.0	5.4	17.3	34.3	39.0	51.7	65.9	90.2	142.3	186.8	222.9
15°	0.0	5.5	17.5	35.2	39.2	52.7	66.8	89.9	147.3	190.7	228.6
12.5°	0.0	5.6	17.7	35.9	39.3	53.5	67.6	90.3	150.7	194.2	233.4
10°	0.0	5.6	17.9	36.6	39.5	54.2	68.3	90.1	152.1	197.1	237.6
7.5°	0.0	5.7	18.0	37.2	39.5	54.7	68.7	89.3	152.2	199.9	241.1
5°	0.0	5.7	18.1	37.7	39.6	55.1	69.0	88.2	151.2	202.5	243.7
2.5°	0.0	5.7	18.1	38.1	39.6	55.3	69.1	86.6	149.0	204.5	245.5
0°	0.0	5.7	18.1	38.4	39.6	55.4	69.0	84.8	145.8	205.7	246.4
-2.5°	0.0	5.7	18.1	38.1	39.6	55.3	69.1	86.6	149.0	204.5	245.5
-5°	0.0	5.7	18.1	37.7	39.6	55.1	69.0	88.2	151.2	202.5	243.7
-7.5°	0.0	5.7	18.0	37.2	39.5	54.7	68.7	89.3	152.2	199.9	241.1
-10°	0.0	5.6	17.9	36.6	39.5	54.2	68.3	90.1	152.1	197.1	237.6
-12.5°	0.0	5.6	17.7	35.9	39.3	53.5	67.6	90.3	150.7	194.2	233.4
-15°	0.0	5.5	17.5	35.2	39.2	52.7	66.8	89.9	147.3	190.7	228.6
-17.5°	0.0	5.4	17.3	34.3	39.0	51.7	65.9	90.2	142.3	186.8	222.9
-20°	0.0	5.4	16.9	33.4	38.7	50.6	65.8	91.0	137.2	182.4	216.5



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 CATALOG NUMBER: GFLD-SA2E-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.3	16.6	32.4	38.4	49.3	67.2	91.5	132.0	177.7	209.2
-25°	0.0	5.2	16.1	31.3	38.1	49.2	68.3	91.6	126.9	172.7	201.3
-27.5°	0.0	5.1	15.7	30.2	37.6	49.3	69.0	91.4	122.0	166.7	194.8
-30°	0.0	4.9	15.2	29.0	37.2	49.2	69.4	90.8	119.6	159.4	188.2
-32.5°	0.0	4.8	14.6	27.8	37.6	48.8	69.5	90.8	118.4	152.9	181.5
-35°	0.0	4.7	14.0	26.5	37.8	48.0	68.9	90.6	116.9	147.4	174.7
-37.5°	0.0	4.5	13.4	25.2	37.8	47.4	67.9	90.0	114.9	142.8	167.2
-40°	0.0	4.4	12.7	23.9	37.7	47.4	66.3	88.9	112.6	139.8	159.4
-42.5°	0.0	4.2	11.9	22.6	36.9	47.1	64.3	87.3	110.5	133.4	151.2
-45°	0.0	4.0	11.1	21.4	35.2	46.6	61.9	84.9	108.1	126.4	142.8
-47.5°	0.0	3.9	10.3	20.0	33.4	45.8	59.1	81.4	105.0	119.0	134.6
-50°	0.0	3.7	9.5	18.8	31.4	44.6	57.3	77.4	98.9	112.1	126.0
-52.5°	0.0	3.5	8.6	17.5	29.3	43.2	55.4	72.9	91.7	105.1	117.2
-55°	0.0	3.3	7.6	16.1	27.0	40.5	53.1	68.0	84.1	98.0	109.3
-57.5°	0.0	3.1	6.7	14.7	24.6	37.2	50.4	64.4	76.2	89.5	101.2
-60°	0.0	2.8	5.7	13.2	22.0	33.8	47.2	59.5	68.5	80.5	92.5
-62.5°	0.0	2.6	5.3	11.6	19.8	30.1	42.6	54.0	61.6	71.4	82.4
-65°	0.0	2.4	4.8	9.9	17.4	26.3	37.7	47.9	54.3	62.4	72.3
-67.5°	0.0	2.2	4.4	8.2	15.0	22.7	32.5	41.1	46.6	53.0	61.2
-70°	0.0	1.9	3.9	6.5	12.5	19.3	27.1	34.4	39.3	43.3	49.5
-72.5°	0.0	1.7	3.4	5.6	9.9	15.8	22.5	27.6	32.0	35.5	38.2
-75°	0.0	1.5	2.9	4.8	7.2	12.2	17.9	21.9	24.8	27.9	30.3
-77.5°	0.0	1.2	2.5	4.0	5.8	8.6	13.2	16.5	19.0	20.8	22.5
-80°	0.0	1.0	2.0	3.2	4.7	6.3	8.4	11.2	13.4	15.0	16.2
-82.5°	0.0	0.7	1.5	2.4	3.5	4.7	6.1	6.9	7.8	9.3	10.4
-85°	0.0	0.5	1.0	1.6	2.4	3.2	4.1	4.6	5.0	5.4	5.7
-87.5°	0.0	0.2	0.5	0.8	1.2	1.6	2.0	2.3	2.5	2.7	2.9
-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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 CATALOG NUMBER: GFLD-SA2E-935-U-MWR-XX

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°	2.9	2.8	2.7	2.6	2.4	2.2	1.9	1.6	1.7	1.8	1.8
85°	5.8	5.7	6.1	6.5	6.7	6.7	6.4	6.1	6.9	8.0	9.0
82.5°	11.4	12.4	13.4	14.3	14.3	14.0	13.5	13.0	14.9	17.4	20.0
80°	17.7	19.2	21.4	23.7	24.3	24.1	23.3	22.0	24.8	28.8	33.4
77.5°	25.3	28.3	31.4	34.6	35.3	34.7	33.2	30.9	34.3	40.9	48.1
75°	33.6	37.5	42.4	46.3	47.1	45.7	43.4	41.4	45.7	53.7	61.4
72.5°	43.9	50.2	55.1	58.5	58.7	57.5	56.4	55.4	60.1	69.6	77.5
70°	57.0	63.4	67.2	69.2	69.7	70.5	73.7	76.7	81.4	89.6	96.1
67.5°	70.0	75.1	78.5	80.9	85.8	90.4	94.8	99.4	104.6	111.6	116.5
65°	81.6	86.8	91.3	97.1	104.2	109.8	115.7	122.2	129.4	135.9	140.7
62.5°	93.1	98.6	104.9	112.6	120.9	128.4	137.1	146.1	154.7	162.1	170.2
60°	102.5	109.9	118.3	127.6	137.6	149.0	159.5	169.8	179.3	188.5	199.9
57.5°	111.4	121.4	131.8	143.0	156.0	169.9	182.2	193.5	205.4	218.8	230.0
55°	120.7	133.4	145.3	158.8	174.3	191.1	204.6	217.3	232.0	248.1	260.6
52.5°	130.9	144.9	158.9	175.1	193.8	210.5	224.6	240.5	258.2	275.7	290.2
50°	140.7	156.2	172.4	193.0	211.6	227.5	245.0	264.2	282.7	300.6	317.8
47.5°	150.7	167.2	188.7	209.8	227.1	245.8	266.2	285.9	305.4	324.1	342.1
45°	160.4	180.0	203.9	223.9	243.2	264.6	285.7	306.4	326.9	346.8	366.4
42.5°	169.8	192.6	216.6	237.5	259.8	282.2	304.2	326.1	347.7	369.0	390.0
40°	180.0	204.0	229.3	252.1	275.3	298.7	321.9	345.0	367.8	390.4	412.7
37.5°	189.5	215.9	242.2	266.1	290.0	314.5	338.8	363.3	387.3	410.9	436.2
35°	197.9	227.9	254.5	279.5	304.6	329.4	355.2	380.9	406.2	431.8	464.1
32.5°	207.4	240.0	266.0	292.5	318.4	343.9	370.8	398.0	424.9	454.7	501.2
30°	218.1	250.1	277.0	304.8	331.3	358.2	385.9	414.3	442.6	489.0	596.3
27.5°	228.5	259.4	287.6	316.1	343.4	371.4	400.3	429.7	469.3	540.6	714.6
25°	238.1	268.3	297.6	326.5	354.7	383.6	413.6	444.2	497.8	641.9	1026.3
22.5°	246.3	276.9	307.4	335.9	364.9	394.8	425.9	466.5	549.4	744.1	1373.1
20°	253.2	285.1	316.3	345.9	374.4	404.7	437.1	487.8	627.8	1036.0	1788.6
17.5°	259.6	292.5	324.4	355.4	385.3	415.0	448.3	506.1	698.3	1289.7	2206.4
15°	265.6	299.1	332.0	364.3	395.3	426.2	465.9	558.3	841.1	1541.6	2578.6
12.5°	270.9	305.0	339.0	372.6	404.2	436.2	481.8	610.2	1015.8	1837.1	2832.7
10°	275.5	310.0	345.2	380.1	412.1	445.0	495.2	652.7	1159.5	2080.1	3036.8
7.5°	279.9	314.8	350.9	386.7	418.9	452.5	506.2	686.0	1270.5	2263.1	3199.7
5°	283.5	319.6	357.7	394.0	427.5	460.7	515.6	709.8	1348.5	2386.4	3318.3
2.5°	286.4	323.6	363.6	400.5	437.0	470.6	526.3	727.5	1398.8	2465.0	3394.2
0°	288.3	326.7	368.5	405.8	445.4	479.3	534.7	735.9	1417.5	2493.7	3422.8
-2.5°	286.4	323.6	363.6	400.5	437.0	470.6	526.3	727.5	1398.8	2465.0	3394.2
-5°	283.5	319.6	357.7	394.0	427.5	460.7	515.6	709.8	1348.5	2386.4	3318.3
-7.5°	279.9	314.8	350.9	386.7	418.9	452.5	506.2	686.0	1270.5	2263.1	3199.7
-10°	275.5	310.0	345.2	380.1	412.1	445.0	495.2	652.7	1159.5	2080.1	3036.8
-12.5°	270.9	305.0	339.0	372.6	404.2	436.2	481.8	610.2	1015.8	1837.1	2832.7
-15°	265.6	299.1	332.0	364.3	395.3	426.2	465.9	558.3	841.1	1541.6	2578.6
-17.5°	259.6	292.5	324.4	355.4	385.3	415.0	448.3	506.1	698.3	1289.7	2206.4
-20°	253.2	285.1	316.3	345.9	374.4	404.7	437.1	487.8	627.8	1036.0	1788.6



REPORT NUMBER: P558733 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	246.3	276.9	307.4	335.9	364.9	394.8	425.9	466.5	549.4	744.1	1373.1
-25°	238.1	268.3	297.6	326.5	354.7	383.6	413.6	444.2	497.8	641.9	1026.3
-27.5°	228.5	259.4	287.6	316.1	343.4	371.4	400.3	429.7	469.3	540.6	714.6
-30°	218.1	250.1	277.0	304.8	331.3	358.2	385.9	414.3	442.6	489.0	596.3
-32.5°	207.4	240.0	266.0	292.5	318.4	343.9	370.8	398.0	424.9	454.7	501.2
-35°	197.9	227.9	254.5	279.5	304.6	329.4	355.2	380.9	406.2	431.8	464.1
-37.5°	189.5	215.9	242.2	266.1	290.0	314.5	338.8	363.3	387.3	410.9	436.2
-40°	180.0	204.0	229.3	252.1	275.3	298.7	321.9	345.0	367.8	390.4	412.7
-42.5°	169.8	192.6	216.6	237.5	259.8	282.2	304.2	326.1	347.7	369.0	390.0
-45°	160.4	180.0	203.9	223.9	243.2	264.6	285.7	306.4	326.9	346.8	366.4
-47.5°	150.7	167.2	188.7	209.8	227.1	245.8	266.2	285.9	305.4	324.1	342.1
-50°	140.7	156.2	172.4	193.0	211.6	227.5	245.0	264.2	282.7	300.6	317.8
-52.5°	130.9	144.9	158.9	175.1	193.8	210.5	224.6	240.5	258.2	275.7	290.2
-55°	120.7	133.4	145.3	158.8	174.3	191.1	204.6	217.3	232.0	248.1	260.6
-57.5°	111.4	121.4	131.8	143.0	156.0	169.9	182.2	193.5	205.4	218.8	230.0
-60°	102.5	109.9	118.3	127.6	137.6	149.0	159.5	169.8	179.3	188.5	199.9
-62.5°	93.1	98.6	104.9	112.6	120.9	128.4	137.1	146.1	154.7	162.1	170.2
-65°	81.6	86.8	91.3	97.1	104.2	109.8	115.7	122.2	129.4	135.9	140.7
-67.5°	70.0	75.1	78.5	80.9	85.8	90.4	94.8	99.4	104.6	111.6	116.5
-70°	57.0	63.4	67.2	69.2	69.7	70.5	73.7	76.7	81.4	89.6	96.1
-72.5°	43.9	50.2	55.1	58.5	58.7	57.5	56.4	55.4	60.1	69.6	77.5
-75°	33.6	37.5	42.4	46.3	47.1	45.7	43.4	41.4	45.7	53.7	61.4
-77.5°	25.3	28.3	31.4	34.6	35.3	34.7	33.2	30.9	34.3	40.9	48.1
-80°	17.7	19.2	21.4	23.7	24.3	24.1	23.3	22.0	24.8	28.8	33.4
-82.5°	11.4	12.4	13.4	14.3	14.3	14.0	13.5	13.0	14.9	17.4	20.0
-85°	5.8	5.7	6.1	6.5	6.7	6.7	6.4	6.1	6.9	8.0	9.0
-87.5°	2.9	2.8	2.7	2.6	2.4	2.2	1.9	1.6	1.7	1.8	1.8
-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: P558733 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-935-U-MWR-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°	1.9	1.9	2.0	2.0	2.1	2.1	2.2	2.2	2.2	2.0	1.7
85°	10.2	9.9	9.3	8.6	7.8	8.2	8.7	9.2	9.7	9.0	8.3
82.5°	22.8	23.1	23.1	23.1	22.9	23.9	24.9	25.7	26.4	24.4	22.1
80°	38.4	40.3	41.3	42.3	43.2	43.2	42.6	41.6	40.1	36.7	32.9
77.5°	55.5	58.4	59.8	61.3	62.7	63.3	63.6	64.0	64.5	58.5	50.9
75°	68.8	73.1	75.6	77.9	80.0	81.3	81.9	82.4	82.6	75.4	66.1
72.5°	84.0	88.2	91.1	94.0	96.7	98.4	99.4	100.2	100.7	94.4	85.6
70°	100.7	104.0	107.5	111.1	114.3	116.6	118.1	119.2	120.1	119.5	119.1
67.5°	120.4	123.3	127.6	131.0	134.5	136.9	139.4	141.4	142.9	144.6	146.5
65°	145.2	152.1	158.5	161.7	162.2	165.7	171.4	175.1	176.9	178.4	180.3
62.5°	179.6	188.1	192.6	198.0	205.0	211.4	213.9	217.3	221.3	226.1	231.6
60°	209.1	216.1	223.3	230.8	237.2	242.6	248.4	254.2	259.5	264.3	269.0
57.5°	239.2	246.9	254.3	263.0	269.2	272.8	278.5	285.4	290.7	294.9	301.2
55°	270.5	280.4	290.5	298.4	304.2	308.0	312.3	318.9	322.9	324.4	331.7
52.5°	302.0	313.7	326.1	335.3	341.4	347.1	352.4	358.2	362.3	364.2	371.4
50°	331.1	345.1	358.8	370.9	379.0	388.5	399.2	404.5	407.9	411.7	419.7
47.5°	358.8	374.4	389.1	402.8	414.6	425.2	434.4	443.3	456.4	466.8	477.1
45°	385.4	402.1	418.1	433.4	446.5	467.3	487.1	504.0	549.1	587.0	615.9
42.5°	410.5	430.7	448.6	474.1	501.8	549.9	624.1	692.9	826.0	997.3	1140.4
40°	436.7	462.8	495.0	544.6	638.5	735.0	1023.4	1280.5	1533.3	1820.8	2067.2
37.5°	467.2	506.5	601.0	713.1	1014.0	1346.8	1755.7	2157.0	2506.4	2805.4	3055.1
35°	507.6	629.0	805.5	1214.0	1658.5	2204.3	2675.5	3053.0	3398.2	3675.2	3883.7
32.5°	626.7	848.9	1315.1	1876.8	2488.4	3015.7	3474.6	3836.0	4150.9	4399.2	4592.5
30°	801.1	1311.7	1944.9	2617.6	3226.7	3730.2	4154.2	4498.7	4779.8	5032.4	5244.6
27.5°	1215.5	1872.5	2616.7	3302.9	3857.0	4328.3	4708.7	5049.9	5359.8	5625.9	5876.7
25°	1669.0	2482.3	3233.0	3857.5	4374.6	4816.8	5218.0	5591.2	5938.1	6249.5	6541.2
22.5°	2213.6	3024.7	3742.1	4320.1	4821.2	5275.5	5701.6	6117.0	6520.9	6900.8	7253.8
20°	2706.6	3502.7	4128.3	4705.6	5226.2	5699.5	6169.2	6653.3	7119.4	7577.1	8002.0
17.5°	3090.9	3831.5	4459.5	5044.7	5574.6	6110.6	6648.1	7204.2	7766.4	8297.8	8806.2
15°	3411.7	4105.7	4742.2	5327.2	5909.9	6501.3	7101.8	7756.9	8425.6	9061.7	9709.8
12.5°	3639.2	4334.6	4979.8	5566.9	6220.0	6862.1	7561.1	8307.7	9080.0	9821.0	10617.0
10°	3822.0	4517.1	5156.9	5790.0	6481.2	7193.1	7977.1	8799.4	9721.0	10598.5	11456.1
7.5°	3978.9	4669.4	5299.3	5971.9	6698.5	7481.0	8333.7	9263.3	10260.6	11237.0	12257.9
5°	4093.7	4773.2	5409.9	6121.0	6865.6	7691.3	8608.6	9602.0	10671.6	11741.5	12751.0
2.5°	4154.5	4832.4	5478.7	6213.6	6963.6	7818.8	8774.1	9827.1	10956.8	12124.1	13119.5
0°	4153.1	4857.3	5505.0	6276.0	7035.6	7857.4	8845.3	9971.2	11073.3	12286.3	13308.1
-2.5°	4154.5	4832.4	5478.7	6213.6	6963.6	7818.8	8774.1	9827.1	10956.8	12124.1	13119.5
-5°	4093.7	4773.2	5409.9	6121.0	6865.6	7691.3	8608.6	9602.0	10671.6	11741.5	12751.0
-7.5°	3978.9	4669.4	5299.3	5971.9	6698.5	7481.0	8333.7	9263.3	10260.6	11237.0	12257.9
-10°	3822.0	4517.1	5156.9	5790.0	6481.2	7193.1	7977.1	8799.4	9721.0	10598.5	11456.1
-12.5°	3639.2	4334.6	4979.8	5566.9	6220.0	6862.1	7561.1	8307.7	9080.0	9821.0	10617.0
-15°	3411.7	4105.7	4742.2	5327.2	5909.9	6501.3	7101.8	7756.9	8425.6	9061.7	9709.8
-17.5°	3090.9	3831.5	4459.5	5044.7	5574.6	6110.6	6648.1	7204.2	7766.4	8297.8	8806.2
-20°	2706.6	3502.7	4128.3	4705.6	5226.2	5699.5	6169.2	6653.3	7119.4	7577.1	8002.0



REPORT NUMBER: P558733 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2213.6	3024.7	3742.1	4320.1	4821.2	5275.5	5701.6	6117.0	6520.9	6900.8	7253.8
-25°	1669.0	2482.3	3233.0	3857.5	4374.6	4816.8	5218.0	5591.2	5938.1	6249.5	6541.2
-27.5°	1215.5	1872.5	2616.7	3302.9	3857.0	4328.3	4708.7	5049.9	5359.8	5625.9	5876.7
-30°	801.1	1311.7	1944.9	2617.6	3226.7	3730.2	4154.2	4498.7	4779.8	5032.4	5244.6
-32.5°	626.7	848.9	1315.1	1876.8	2488.4	3015.7	3474.6	3836.0	4150.9	4399.2	4592.5
-35°	507.6	629.0	805.5	1214.0	1658.5	2204.3	2675.5	3053.0	3398.2	3675.2	3883.7
-37.5°	467.2	506.5	601.0	713.1	1014.0	1346.8	1755.7	2157.0	2506.4	2805.4	3055.1
-40°	436.7	462.8	495.0	544.6	638.5	735.0	1023.4	1280.5	1533.3	1820.8	2067.2
-42.5°	410.5	430.7	448.6	474.1	501.8	549.9	624.1	692.9	826.0	997.3	1140.4
-45°	385.4	402.1	418.1	433.4	446.5	467.3	487.1	504.0	549.1	587.0	615.9
-47.5°	358.8	374.4	389.1	402.8	414.6	425.2	434.4	443.3	456.4	466.8	477.1
-50°	331.1	345.1	358.8	370.9	379.0	388.5	399.2	404.5	407.9	411.7	419.7
-52.5°	302.0	313.7	326.1	335.3	341.4	347.1	352.4	358.2	362.3	364.2	371.4
-55°	270.5	280.4	290.5	298.4	304.2	308.0	312.3	318.9	322.9	324.4	331.7
-57.5°	239.2	246.9	254.3	263.0	269.2	272.8	278.5	285.4	290.7	294.9	301.2
-60°	209.1	216.1	223.3	230.8	237.2	242.6	248.4	254.2	259.5	264.3	269.0
-62.5°	179.6	188.1	192.6	198.0	205.0	211.4	213.9	217.3	221.3	226.1	231.6
-65°	145.2	152.1	158.5	161.7	162.2	165.7	171.4	175.1	176.9	178.4	180.3
-67.5°	120.4	123.3	127.6	131.0	134.5	136.9	139.4	141.4	142.9	144.6	146.5
-70°	100.7	104.0	107.5	111.1	114.3	116.6	118.1	119.2	120.1	119.5	119.1
-72.5°	84.0	88.2	91.1	94.0	96.7	98.4	99.4	100.2	100.7	94.4	85.6
-75°	68.8	73.1	75.6	77.9	80.0	81.3	81.9	82.4	82.6	75.4	66.1
-77.5°	55.5	58.4	59.8	61.3	62.7	63.3	63.6	64.0	64.5	58.5	50.9
-80°	38.4	40.3	41.3	42.3	43.2	43.2	42.6	41.6	40.1	36.7	32.9
-82.5°	22.8	23.1	23.1	23.1	22.9	23.9	24.9	25.7	26.4	24.4	22.1
-85°	10.2	9.9	9.3	8.6	7.8	8.2	8.7	9.2	9.7	9.0	8.3
-87.5°	1.9	1.9	2.0	2.0	2.1	2.1	2.2	2.2	2.2	2.0	1.7
-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: P558733 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-935-U-MWR-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°	1.4	1.1	1.1	1.1	1.1	1.1	1.4	1.7	2.0	2.2	2.2
85°	7.6	6.8	6.8	6.8	6.8	6.8	7.6	8.3	9.0	9.7	9.2
82.5°	19.6	16.9	17.0	17.0	17.0	16.9	19.6	22.1	24.4	26.4	25.7
80°	29.0	24.9	25.4	26.0	25.4	24.9	29.0	32.9	36.7	40.1	41.6
77.5°	42.7	34.1	33.9	33.9	33.9	34.1	42.7	50.9	58.5	64.5	64.0
75°	56.5	46.7	46.2	46.3	46.2	46.7	56.5	66.1	75.4	82.6	82.4
72.5°	76.4	67.1	62.8	58.8	62.8	67.1	76.4	85.6	94.4	100.7	100.2
70°	119.2	119.5	115.2	109.6	115.2	119.5	119.2	119.1	119.5	120.1	119.2
67.5°	148.0	149.2	151.0	152.6	151.0	149.2	148.0	146.5	144.6	142.9	141.4
65°	181.1	181.0	181.7	182.0	181.7	181.0	181.1	180.3	178.4	176.9	175.1
62.5°	236.3	240.1	242.8	244.2	242.8	240.1	236.3	231.6	226.1	221.3	217.3
60°	272.9	276.1	280.5	284.9	280.5	276.1	272.9	269.0	264.3	259.5	254.2
57.5°	307.1	312.4	316.7	319.9	316.7	312.4	307.1	301.2	294.9	290.7	285.4
55°	338.7	344.8	350.8	356.1	350.8	344.8	338.7	331.7	324.4	322.9	318.9
52.5°	378.3	383.4	391.8	402.4	391.8	383.4	378.3	371.4	364.2	362.3	358.2
50°	428.9	436.6	447.3	460.1	447.3	436.6	428.9	419.7	411.7	407.9	404.5
47.5°	487.5	495.2	505.5	518.9	505.5	495.2	487.5	477.1	466.8	456.4	443.3
45°	642.4	660.4	677.0	695.2	677.0	660.4	642.4	615.9	587.0	549.1	504.0
42.5°	1255.1	1334.3	1368.6	1348.6	1368.6	1334.3	1255.1	1140.4	997.3	826.0	692.9
40°	2255.1	2386.9	2464.5	2491.4	2464.5	2386.9	2255.1	2067.2	1820.8	1533.3	1280.5
37.5°	3237.4	3358.7	3424.1	3431.9	3424.1	3358.7	3237.4	3055.1	2805.4	2506.4	2157.0
35°	4034.2	4134.1	4193.4	4237.8	4193.4	4134.1	4034.2	3883.7	3675.2	3398.2	3053.0
32.5°	4749.9	4863.8	4929.6	4915.0	4929.6	4863.8	4749.9	4592.5	4399.2	4150.9	3836.0
30°	5418.5	5543.0	5620.3	5622.6	5620.3	5543.0	5418.5	5244.6	5032.4	4779.8	4498.7
27.5°	6079.4	6219.2	6299.8	6363.0	6299.8	6219.2	6079.4	5876.7	5625.9	5359.8	5049.9
25°	6784.5	6958.7	7062.2	7124.9	7062.2	6958.7	6784.5	6541.2	6249.5	5938.1	5591.2
22.5°	7544.7	7760.6	7902.5	7961.4	7902.5	7760.6	7544.7	7253.8	6900.8	6520.9	6117.0
20°	8371.7	8639.2	8820.3	8814.8	8820.3	8639.2	8371.7	8002.0	7577.1	7119.4	6653.3
17.5°	9294.4	9639.5	9873.0	9906.8	9873.0	9639.5	9294.4	8806.2	8297.8	7766.4	7204.2
15°	10283.7	10728.6	11030.6	11124.2	11030.6	10728.6	10283.7	9709.8	9061.7	8425.6	7756.9
12.5°	11297.4	11826.6	12229.2	12363.1	12229.2	11826.6	11297.4	10617.0	9821.0	9080.0	8307.7
10°	12263.3	12849.4	13286.5	13480.0	13286.5	12849.4	12263.3	11456.1	10598.5	9721.0	8799.4
7.5°	13070.7	13666.3	14116.5	14275.8	14116.5	13666.3	13070.7	12257.9	11237.0	10260.6	9263.3
5°	13602.7	14253.4	14603.4	14800.3	14603.4	14253.4	13602.7	12751.0	11741.5	10671.6	9602.0
2.5°	13958.1	14509.8	14864.4	15045.6	14864.4	14509.8	13958.1	13119.5	12124.1	10956.8	9827.1
0°	14146.9	14708.7	14968.7	15056.9	14968.7	14708.7	14146.9	13308.1	12286.3	11073.3	9971.2
-2.5°	13958.1	14509.8	14864.4	15045.6	14864.4	14509.8	13958.1	13119.5	12124.1	10956.8	9827.1
-5°	13602.7	14253.4	14603.4	14800.3	14603.4	14253.4	13602.7	12751.0	11741.5	10671.6	9602.0
-7.5°	13070.7	13666.3	14116.5	14275.8	14116.5	13666.3	13070.7	12257.9	11237.0	10260.6	9263.3
-10°	12263.3	12849.4	13286.5	13480.0	13286.5	12849.4	12263.3	11456.1	10598.5	9721.0	8799.4
-12.5°	11297.4	11826.6	12229.2	12363.1	12229.2	11826.6	11297.4	10617.0	9821.0	9080.0	8307.7
-15°	10283.7	10728.6	11030.6	11124.2	11030.6	10728.6	10283.7	9709.8	9061.7	8425.6	7756.9
-17.5°	9294.4	9639.5	9873.0	9906.8	9873.0	9639.5	9294.4	8806.2	8297.8	7766.4	7204.2
-20°	8371.7	8639.2	8820.3	8814.8	8820.3	8639.2	8371.7	8002.0	7577.1	7119.4	6653.3



REPORT NUMBER: P558733 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	7544.7	7760.6	7902.5	7961.4	7902.5	7760.6	7544.7	7253.8	6900.8	6520.9	6117.0
-25°	6784.5	6958.7	7062.2	7124.9	7062.2	6958.7	6784.5	6541.2	6249.5	5938.1	5591.2
-27.5°	6079.4	6219.2	6299.8	6363.0	6299.8	6219.2	6079.4	5876.7	5625.9	5359.8	5049.9
-30°	5418.5	5543.0	5620.3	5622.6	5620.3	5543.0	5418.5	5244.6	5032.4	4779.8	4498.7
-32.5°	4749.9	4863.8	4929.6	4915.0	4929.6	4863.8	4749.9	4592.5	4399.2	4150.9	3836.0
-35°	4034.2	4134.1	4193.4	4237.8	4193.4	4134.1	4034.2	3883.7	3675.2	3398.2	3053.0
-37.5°	3237.4	3358.7	3424.1	3431.9	3424.1	3358.7	3237.4	3055.1	2805.4	2506.4	2157.0
-40°	2255.1	2386.9	2464.5	2491.4	2464.5	2386.9	2255.1	2067.2	1820.8	1533.3	1280.5
-42.5°	1255.1	1334.3	1368.6	1348.6	1368.6	1334.3	1255.1	1140.4	997.3	826.0	692.9
-45°	642.4	660.4	677.0	695.2	677.0	660.4	642.4	615.9	587.0	549.1	504.0
-47.5°	487.5	495.2	505.5	518.9	505.5	495.2	487.5	477.1	466.8	456.4	443.3
-50°	428.9	436.6	447.3	460.1	447.3	436.6	428.9	419.7	411.7	407.9	404.5
-52.5°	378.3	383.4	391.8	402.4	391.8	383.4	378.3	371.4	364.2	362.3	358.2
-55°	338.7	344.8	350.8	356.1	350.8	344.8	338.7	331.7	324.4	322.9	318.9
-57.5°	307.1	312.4	316.7	319.9	316.7	312.4	307.1	301.2	294.9	290.7	285.4
-60°	272.9	276.1	280.5	284.9	280.5	276.1	272.9	269.0	264.3	259.5	254.2
-62.5°	236.3	240.1	242.8	244.2	242.8	240.1	236.3	231.6	226.1	221.3	217.3
-65°	181.1	181.0	181.7	182.0	181.7	181.0	181.1	180.3	178.4	176.9	175.1
-67.5°	148.0	149.2	151.0	152.6	151.0	149.2	148.0	146.5	144.6	142.9	141.4
-70°	119.2	119.5	115.2	109.6	115.2	119.5	119.2	119.1	119.5	120.1	119.2
-72.5°	76.4	67.1	62.8	58.8	62.8	67.1	76.4	85.6	94.4	100.7	100.2
-75°	56.5	46.7	46.2	46.3	46.2	46.7	56.5	66.1	75.4	82.6	82.4
-77.5°	42.7	34.1	33.9	33.9	33.9	34.1	42.7	50.9	58.5	64.5	64.0
-80°	29.0	24.9	25.4	26.0	25.4	24.9	29.0	32.9	36.7	40.1	41.6
-82.5°	19.6	16.9	17.0	17.0	17.0	16.9	19.6	22.1	24.4	26.4	25.7
-85°	7.6	6.8	6.8	6.8	6.8	6.8	7.6	8.3	9.0	9.7	9.2
-87.5°	1.4	1.1	1.1	1.1	1.1	1.1	1.4	1.7	2.0	2.2	2.2
-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: P558733 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-935-U-MWR-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°	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.6
85°	8.7	8.2	7.8	8.6	9.3	9.9	10.2	9.0	8.0	6.9	6.1
82.5°	24.9	23.9	22.9	23.1	23.1	23.1	22.8	20.0	17.4	14.9	13.0
80°	42.6	43.2	43.2	42.3	41.3	40.3	38.4	33.4	28.8	24.8	22.0
77.5°	63.6	63.3	62.7	61.3	59.8	58.4	55.5	48.1	40.9	34.3	30.9
75°	81.9	81.3	80.0	77.9	75.6	73.1	68.8	61.4	53.7	45.7	41.4
72.5°	99.4	98.4	96.7	94.0	91.1	88.2	84.0	77.5	69.6	60.1	55.4
70°	118.1	116.6	114.3	111.1	107.5	104.0	100.7	96.1	89.6	81.4	76.7
67.5°	139.4	136.9	134.5	131.0	127.6	123.3	120.4	116.5	111.6	104.6	99.4
65°	171.4	165.7	162.2	161.7	158.5	152.1	145.2	140.7	135.9	129.4	122.2
62.5°	213.9	211.4	205.0	198.0	192.6	188.1	179.6	170.2	162.1	154.7	146.1
60°	248.4	242.6	237.2	230.8	223.3	216.1	209.1	199.9	188.5	179.3	169.8
57.5°	278.5	272.8	269.2	263.0	254.3	246.9	239.2	230.0	218.8	205.4	193.5
55°	312.3	308.0	304.2	298.4	290.5	280.4	270.5	260.6	248.1	232.0	217.3
52.5°	352.4	347.1	341.4	335.3	326.1	313.7	302.0	290.2	275.7	258.2	240.5
50°	399.2	388.5	379.0	370.9	358.8	345.1	331.1	317.8	300.6	282.7	264.2
47.5°	434.4	425.2	414.6	402.8	389.1	374.4	358.8	342.1	324.1	305.4	285.9
45°	487.1	467.3	446.5	433.4	418.1	402.1	385.4	366.4	346.8	326.9	306.4
42.5°	624.1	549.9	501.8	474.1	448.6	430.7	410.5	390.0	369.0	347.7	326.1
40°	1023.4	735.0	638.5	544.6	495.0	462.8	436.7	412.7	390.4	367.8	345.0
37.5°	1755.7	1346.8	1014.0	713.1	601.0	506.5	467.2	436.2	410.9	387.3	363.3
35°	2675.5	2204.3	1658.5	1214.0	805.5	629.0	507.6	464.1	431.8	406.2	380.9
32.5°	3474.6	3015.7	2488.4	1876.8	1315.1	848.9	626.7	501.2	454.7	424.9	398.0
30°	4154.2	3730.2	3226.7	2617.6	1944.9	1311.7	801.1	596.3	489.0	442.6	414.3
27.5°	4708.7	4328.3	3857.0	3302.9	2616.7	1872.5	1215.5	714.6	540.6	469.3	429.7
25°	5218.0	4816.8	4374.6	3857.5	3233.0	2482.3	1669.0	1026.3	641.9	497.8	444.2
22.5°	5701.6	5275.5	4821.2	4320.1	3742.1	3024.7	2213.6	1373.1	744.1	549.4	466.5
20°	6169.2	5699.5	5226.2	4705.6	4128.3	3502.7	2706.6	1788.6	1036.0	627.8	487.8
17.5°	6648.1	6110.6	5574.6	5044.7	4459.5	3831.5	3090.9	2206.4	1289.7	698.3	506.1
15°	7101.8	6501.3	5909.9	5327.2	4742.2	4105.7	3411.7	2578.6	1541.6	841.1	558.3
12.5°	7561.1	6862.1	6220.0	5566.9	4979.8	4334.6	3639.2	2832.7	1837.1	1015.8	610.2
10°	7977.1	7193.1	6481.2	5790.0	5156.9	4517.1	3822.0	3036.8	2080.1	1159.5	652.7
7.5°	8333.7	7481.0	6698.5	5971.9	5299.3	4669.4	3978.9	3199.7	2263.1	1270.5	686.0
5°	8608.6	7691.3	6865.6	6121.0	5409.9	4773.2	4093.7	3318.3	2386.4	1348.5	709.8
2.5°	8774.1	7818.8	6963.6	6213.6	5478.7	4832.4	4154.5	3394.2	2465.0	1398.8	727.5
0°	8845.3	7857.4	7035.6	6276.0	5505.0	4857.3	4153.1	3422.8	2493.7	1417.5	735.9
-2.5°	8774.1	7818.8	6963.6	6213.6	5478.7	4832.4	4154.5	3394.2	2465.0	1398.8	727.5
-5°	8608.6	7691.3	6865.6	6121.0	5409.9	4773.2	4093.7	3318.3	2386.4	1348.5	709.8
-7.5°	8333.7	7481.0	6698.5	5971.9	5299.3	4669.4	3978.9	3199.7	2263.1	1270.5	686.0
-10°	7977.1	7193.1	6481.2	5790.0	5156.9	4517.1	3822.0	3036.8	2080.1	1159.5	652.7
-12.5°	7561.1	6862.1	6220.0	5566.9	4979.8	4334.6	3639.2	2832.7	1837.1	1015.8	610.2
-15°	7101.8	6501.3	5909.9	5327.2	4742.2	4105.7	3411.7	2578.6	1541.6	841.1	558.3
-17.5°	6648.1	6110.6	5574.6	5044.7	4459.5	3831.5	3090.9	2206.4	1289.7	698.3	506.1
-20°	6169.2	5699.5	5226.2	4705.6	4128.3	3502.7	2706.6	1788.6	1036.0	627.8	487.8



REPORT NUMBER: P558733 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5701.6	5275.5	4821.2	4320.1	3742.1	3024.7	2213.6	1373.1	744.1	549.4	466.5
-25°	5218.0	4816.8	4374.6	3857.5	3233.0	2482.3	1669.0	1026.3	641.9	497.8	444.2
-27.5°	4708.7	4328.3	3857.0	3302.9	2616.7	1872.5	1215.5	714.6	540.6	469.3	429.7
-30°	4154.2	3730.2	3226.7	2617.6	1944.9	1311.7	801.1	596.3	489.0	442.6	414.3
-32.5°	3474.6	3015.7	2488.4	1876.8	1315.1	848.9	626.7	501.2	454.7	424.9	398.0
-35°	2675.5	2204.3	1658.5	1214.0	805.5	629.0	507.6	464.1	431.8	406.2	380.9
-37.5°	1755.7	1346.8	1014.0	713.1	601.0	506.5	467.2	436.2	410.9	387.3	363.3
-40°	1023.4	735.0	638.5	544.6	495.0	462.8	436.7	412.7	390.4	367.8	345.0
-42.5°	624.1	549.9	501.8	474.1	448.6	430.7	410.5	390.0	369.0	347.7	326.1
-45°	487.1	467.3	446.5	433.4	418.1	402.1	385.4	366.4	346.8	326.9	306.4
-47.5°	434.4	425.2	414.6	402.8	389.1	374.4	358.8	342.1	324.1	305.4	285.9
-50°	399.2	388.5	379.0	370.9	358.8	345.1	331.1	317.8	300.6	282.7	264.2
-52.5°	352.4	347.1	341.4	335.3	326.1	313.7	302.0	290.2	275.7	258.2	240.5
-55°	312.3	308.0	304.2	298.4	290.5	280.4	270.5	260.6	248.1	232.0	217.3
-57.5°	278.5	272.8	269.2	263.0	254.3	246.9	239.2	230.0	218.8	205.4	193.5
-60°	248.4	242.6	237.2	230.8	223.3	216.1	209.1	199.9	188.5	179.3	169.8
-62.5°	213.9	211.4	205.0	198.0	192.6	188.1	179.6	170.2	162.1	154.7	146.1
-65°	171.4	165.7	162.2	161.7	158.5	152.1	145.2	140.7	135.9	129.4	122.2
-67.5°	139.4	136.9	134.5	131.0	127.6	123.3	120.4	116.5	111.6	104.6	99.4
-70°	118.1	116.6	114.3	111.1	107.5	104.0	100.7	96.1	89.6	81.4	76.7
-72.5°	99.4	98.4	96.7	94.0	91.1	88.2	84.0	77.5	69.6	60.1	55.4
-75°	81.9	81.3	80.0	77.9	75.6	73.1	68.8	61.4	53.7	45.7	41.4
-77.5°	63.6	63.3	62.7	61.3	59.8	58.4	55.5	48.1	40.9	34.3	30.9
-80°	42.6	43.2	43.2	42.3	41.3	40.3	38.4	33.4	28.8	24.8	22.0
-82.5°	24.9	23.9	22.9	23.1	23.1	23.1	22.8	20.0	17.4	14.9	13.0
-85°	8.7	8.2	7.8	8.6	9.3	9.9	10.2	9.0	8.0	6.9	6.1
-87.5°	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.6
-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: P558733 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-935-U-MWR-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°	1.9	2.2	2.4	2.6	2.7	2.8	2.9	2.9	2.7	2.5	2.3
85°	6.4	6.7	6.7	6.5	6.1	5.7	5.8	5.7	5.4	5.0	4.6
82.5°	13.5	14.0	14.3	14.3	13.4	12.4	11.4	10.4	9.3	7.8	6.9
80°	23.3	24.1	24.3	23.7	21.4	19.2	17.7	16.2	15.0	13.4	11.2
77.5°	33.2	34.7	35.3	34.6	31.4	28.3	25.3	22.5	20.8	19.0	16.5
75°	43.4	45.7	47.1	46.3	42.4	37.5	33.6	30.3	27.9	24.8	21.9
72.5°	56.4	57.5	58.7	58.5	55.1	50.2	43.9	38.2	35.5	32.0	27.6
70°	73.7	70.5	69.7	69.2	67.2	63.4	57.0	49.5	43.3	39.3	34.4
67.5°	94.8	90.4	85.8	80.9	78.5	75.1	70.0	61.2	53.0	46.6	41.1
65°	115.7	109.8	104.2	97.1	91.3	86.8	81.6	72.3	62.4	54.3	47.9
62.5°	137.1	128.4	120.9	112.6	104.9	98.6	93.1	82.4	71.4	61.6	54.0
60°	159.5	149.0	137.6	127.6	118.3	109.9	102.5	92.5	80.5	68.5	59.5
57.5°	182.2	169.9	156.0	143.0	131.8	121.4	111.4	101.2	89.5	76.2	64.4
55°	204.6	191.1	174.3	158.8	145.3	133.4	120.7	109.3	98.0	84.1	68.0
52.5°	224.6	210.5	193.8	175.1	158.9	144.9	130.9	117.2	105.1	91.7	72.9
50°	245.0	227.5	211.6	193.0	172.4	156.2	140.7	126.0	112.1	98.9	77.4
47.5°	266.2	245.8	227.1	209.8	188.7	167.2	150.7	134.6	119.0	105.0	81.4
45°	285.7	264.6	243.2	223.9	203.9	180.0	160.4	142.8	126.4	108.1	84.9
42.5°	304.2	282.2	259.8	237.5	216.6	192.6	169.8	151.2	133.4	110.5	87.3
40°	321.9	298.7	275.3	252.1	229.3	204.0	180.0	159.4	139.8	112.6	88.9
37.5°	338.8	314.5	290.0	266.1	242.2	215.9	189.5	167.2	142.8	114.9	90.0
35°	355.2	329.4	304.6	279.5	254.5	227.9	197.9	174.7	147.4	116.9	90.6
32.5°	370.8	343.9	318.4	292.5	266.0	240.0	207.4	181.5	152.9	118.4	90.8
30°	385.9	358.2	331.3	304.8	277.0	250.1	218.1	188.2	159.4	119.6	90.8
27.5°	400.3	371.4	343.4	316.1	287.6	259.4	228.5	194.8	166.7	122.0	91.4
25°	413.6	383.6	354.7	326.5	297.6	268.3	238.1	201.3	172.7	126.9	91.6
22.5°	425.9	394.8	364.9	335.9	307.4	276.9	246.3	209.2	177.7	132.0	91.5
20°	437.1	404.7	374.4	345.9	316.3	285.1	253.2	216.5	182.4	137.2	91.0
17.5°	448.3	415.0	385.3	355.4	324.4	292.5	259.6	222.9	186.8	142.3	90.2
15°	465.9	426.2	395.3	364.3	332.0	299.1	265.6	228.6	190.7	147.3	89.9
12.5°	481.8	436.2	404.2	372.6	339.0	305.0	270.9	233.4	194.2	150.7	90.3
10°	495.2	445.0	412.1	380.1	345.2	310.0	275.5	237.6	197.1	152.1	90.1
7.5°	506.2	452.5	418.9	386.7	350.9	314.8	279.9	241.1	199.9	152.2	89.3
5°	515.6	460.7	427.5	394.0	357.7	319.6	283.5	243.7	202.5	151.2	88.2
2.5°	526.3	470.6	437.0	400.5	363.6	323.6	286.4	245.5	204.5	149.0	86.6
0°	534.7	479.3	445.4	405.8	368.5	326.7	288.3	246.4	205.7	145.8	84.8
-2.5°	526.3	470.6	437.0	400.5	363.6	323.6	286.4	245.5	204.5	149.0	86.6
-5°	515.6	460.7	427.5	394.0	357.7	319.6	283.5	243.7	202.5	151.2	88.2
-7.5°	506.2	452.5	418.9	386.7	350.9	314.8	279.9	241.1	199.9	152.2	89.3
-10°	495.2	445.0	412.1	380.1	345.2	310.0	275.5	237.6	197.1	152.1	90.1
-12.5°	481.8	436.2	404.2	372.6	339.0	305.0	270.9	233.4	194.2	150.7	90.3
-15°	465.9	426.2	395.3	364.3	332.0	299.1	265.6	228.6	190.7	147.3	89.9
-17.5°	448.3	415.0	385.3	355.4	324.4	292.5	259.6	222.9	186.8	142.3	90.2
-20°	437.1	404.7	374.4	345.9	316.3	285.1	253.2	216.5	182.4	137.2	91.0



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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°	425.9	394.8	364.9	335.9	307.4	276.9	246.3	209.2	177.7	132.0	91.5
-25°	413.6	383.6	354.7	326.5	297.6	268.3	238.1	201.3	172.7	126.9	91.6
-27.5°	400.3	371.4	343.4	316.1	287.6	259.4	228.5	194.8	166.7	122.0	91.4
-30°	385.9	358.2	331.3	304.8	277.0	250.1	218.1	188.2	159.4	119.6	90.8
-32.5°	370.8	343.9	318.4	292.5	266.0	240.0	207.4	181.5	152.9	118.4	90.8
-35°	355.2	329.4	304.6	279.5	254.5	227.9	197.9	174.7	147.4	116.9	90.6
-37.5°	338.8	314.5	290.0	266.1	242.2	215.9	189.5	167.2	142.8	114.9	90.0
-40°	321.9	298.7	275.3	252.1	229.3	204.0	180.0	159.4	139.8	112.6	88.9
-42.5°	304.2	282.2	259.8	237.5	216.6	192.6	169.8	151.2	133.4	110.5	87.3
-45°	285.7	264.6	243.2	223.9	203.9	180.0	160.4	142.8	126.4	108.1	84.9
-47.5°	266.2	245.8	227.1	209.8	188.7	167.2	150.7	134.6	119.0	105.0	81.4
-50°	245.0	227.5	211.6	193.0	172.4	156.2	140.7	126.0	112.1	98.9	77.4
-52.5°	224.6	210.5	193.8	175.1	158.9	144.9	130.9	117.2	105.1	91.7	72.9
-55°	204.6	191.1	174.3	158.8	145.3	133.4	120.7	109.3	98.0	84.1	68.0
-57.5°	182.2	169.9	156.0	143.0	131.8	121.4	111.4	101.2	89.5	76.2	64.4
-60°	159.5	149.0	137.6	127.6	118.3	109.9	102.5	92.5	80.5	68.5	59.5
-62.5°	137.1	128.4	120.9	112.6	104.9	98.6	93.1	82.4	71.4	61.6	54.0
-65°	115.7	109.8	104.2	97.1	91.3	86.8	81.6	72.3	62.4	54.3	47.9
-67.5°	94.8	90.4	85.8	80.9	78.5	75.1	70.0	61.2	53.0	46.6	41.1
-70°	73.7	70.5	69.7	69.2	67.2	63.4	57.0	49.5	43.3	39.3	34.4
-72.5°	56.4	57.5	58.7	58.5	55.1	50.2	43.9	38.2	35.5	32.0	27.6
-75°	43.4	45.7	47.1	46.3	42.4	37.5	33.6	30.3	27.9	24.8	21.9
-77.5°	33.2	34.7	35.3	34.6	31.4	28.3	25.3	22.5	20.8	19.0	16.5
-80°	23.3	24.1	24.3	23.7	21.4	19.2	17.7	16.2	15.0	13.4	11.2
-82.5°	13.5	14.0	14.3	14.3	13.4	12.4	11.4	10.4	9.3	7.8	6.9
-85°	6.4	6.7	6.7	6.5	6.1	5.7	5.8	5.7	5.4	5.0	4.6
-87.5°	1.9	2.2	2.4	2.6	2.7	2.8	2.9	2.9	2.7	2.5	2.3
-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°	2.0	1.6	1.2	0.8	0.5	0.2	0.0
85°	4.1	3.2	2.4	1.6	1.0	0.5	0.0
82.5°	6.1	4.7	3.5	2.4	1.5	0.7	0.0
80°	8.4	6.3	4.7	3.2	2.0	1.0	0.0
77.5°	13.2	8.6	5.8	4.0	2.5	1.2	0.0
75°	17.9	12.2	7.2	4.8	2.9	1.5	0.0
72.5°	22.5	15.8	9.9	5.6	3.4	1.7	0.0
70°	27.1	19.3	12.5	6.5	3.9	1.9	0.0
67.5°	32.5	22.7	15.0	8.2	4.4	2.2	0.0
65°	37.7	26.3	17.4	9.9	4.8	2.4	0.0
62.5°	42.6	30.1	19.8	11.6	5.3	2.6	0.0
60°	47.2	33.8	22.0	13.2	5.7	2.8	0.0
57.5°	50.4	37.2	24.6	14.7	6.7	3.1	0.0
55°	53.1	40.5	27.0	16.1	7.6	3.3	0.0
52.5°	55.4	43.2	29.3	17.5	8.6	3.5	0.0
50°	57.3	44.6	31.4	18.8	9.5	3.7	0.0
47.5°	59.1	45.8	33.4	20.0	10.3	3.9	0.0
45°	61.9	46.6	35.2	21.4	11.1	4.0	0.0
42.5°	64.3	47.1	36.9	22.6	11.9	4.2	0.0
40°	66.3	47.4	37.7	23.9	12.7	4.4	0.0
37.5°	67.9	47.4	37.8	25.2	13.4	4.5	0.0
35°	68.9	48.0	37.8	26.5	14.0	4.7	0.0
32.5°	69.5	48.8	37.6	27.8	14.6	4.8	0.0
30°	69.4	49.2	37.2	29.0	15.2	4.9	0.0
27.5°	69.0	49.3	37.6	30.2	15.7	5.1	0.0
25°	68.3	49.2	38.1	31.3	16.1	5.2	0.0
22.5°	67.2	49.3	38.4	32.4	16.6	5.3	0.0
20°	65.8	50.6	38.7	33.4	16.9	5.4	0.0
17.5°	65.9	51.7	39.0	34.3	17.3	5.4	0.0
15°	66.8	52.7	39.2	35.2	17.5	5.5	0.0
12.5°	67.6	53.5	39.3	35.9	17.7	5.6	0.0
10°	68.3	54.2	39.5	36.6	17.9	5.6	0.0
7.5°	68.7	54.7	39.5	37.2	18.0	5.7	0.0
5°	69.0	55.1	39.6	37.7	18.1	5.7	0.0
2.5°	69.1	55.3	39.6	38.1	18.1	5.7	0.0
0°	69.0	55.4	39.6	38.4	18.1	5.7	0.0
-2.5°	69.1	55.3	39.6	38.1	18.1	5.7	0.0
-5°	69.0	55.1	39.6	37.7	18.1	5.7	0.0
-7.5°	68.7	54.7	39.5	37.2	18.0	5.7	0.0
-10°	68.3	54.2	39.5	36.6	17.9	5.6	0.0
-12.5°	67.6	53.5	39.3	35.9	17.7	5.6	0.0
-15°	66.8	52.7	39.2	35.2	17.5	5.5	0.0
-17.5°	65.9	51.7	39.0	34.3	17.3	5.4	0.0
-20°	65.8	50.6	38.7	33.4	16.9	5.4	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	67.2	49.3	38.4	32.4	16.6	5.3	0.0
-25°	68.3	49.2	38.1	31.3	16.1	5.2	0.0
-27.5°	69.0	49.3	37.6	30.2	15.7	5.1	0.0
-30°	69.4	49.2	37.2	29.0	15.2	4.9	0.0
-32.5°	69.5	48.8	37.6	27.8	14.6	4.8	0.0
-35°	68.9	48.0	37.8	26.5	14.0	4.7	0.0
-37.5°	67.9	47.4	37.8	25.2	13.4	4.5	0.0
-40°	66.3	47.4	37.7	23.9	12.7	4.4	0.0
-42.5°	64.3	47.1	36.9	22.6	11.9	4.2	0.0
-45°	61.9	46.6	35.2	21.4	11.1	4.0	0.0
-47.5°	59.1	45.8	33.4	20.0	10.3	3.9	0.0
-50°	57.3	44.6	31.4	18.8	9.5	3.7	0.0
-52.5°	55.4	43.2	29.3	17.5	8.6	3.5	0.0
-55°	53.1	40.5	27.0	16.1	7.6	3.3	0.0
-57.5°	50.4	37.2	24.6	14.7	6.7	3.1	0.0
-60°	47.2	33.8	22.0	13.2	5.7	2.8	0.0
-62.5°	42.6	30.1	19.8	11.6	5.3	2.6	0.0
-65°	37.7	26.3	17.4	9.9	4.8	2.4	0.0
-67.5°	32.5	22.7	15.0	8.2	4.4	2.2	0.0
-70°	27.1	19.3	12.5	6.5	3.9	1.9	0.0
-72.5°	22.5	15.8	9.9	5.6	3.4	1.7	0.0
-75°	17.9	12.2	7.2	4.8	2.9	1.5	0.0
-77.5°	13.2	8.6	5.8	4.0	2.5	1.2	0.0
-80°	8.4	6.3	4.7	3.2	2.0	1.0	0.0
-82.5°	6.1	4.7	3.5	2.4	1.5	0.7	0.0
-85°	4.1	3.2	2.4	1.6	1.0	0.5	0.0
-87.5°	2.0	1.6	1.2	0.8	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)