

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: P558739 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558739 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-6)
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-WR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6
Light Source: (32) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

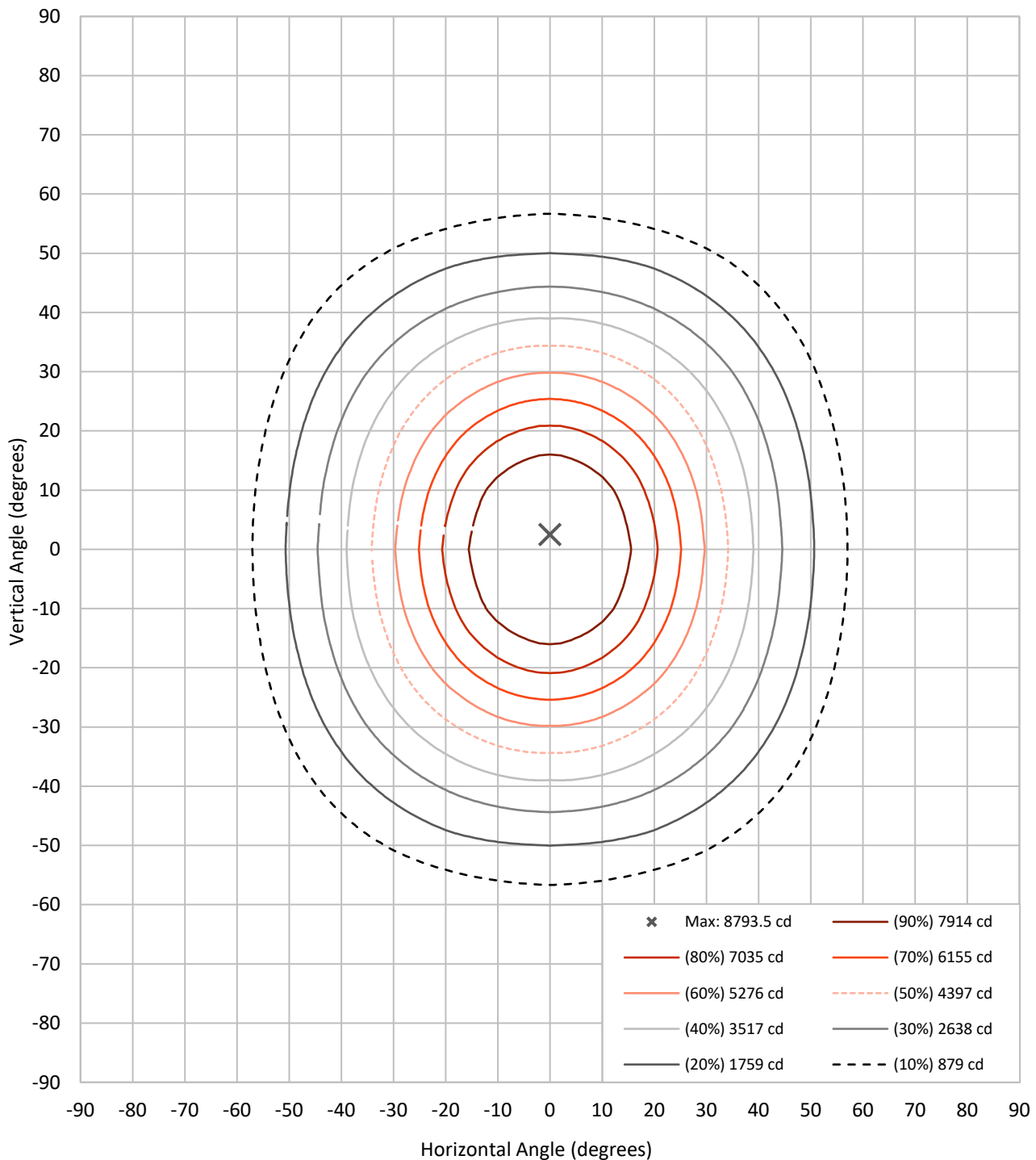
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	11901.2 lumens	Max Intensity:	8793.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	93.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	7135.6 lumens	Field Lumens:	11368.8 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

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



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Iso-Candela Plot





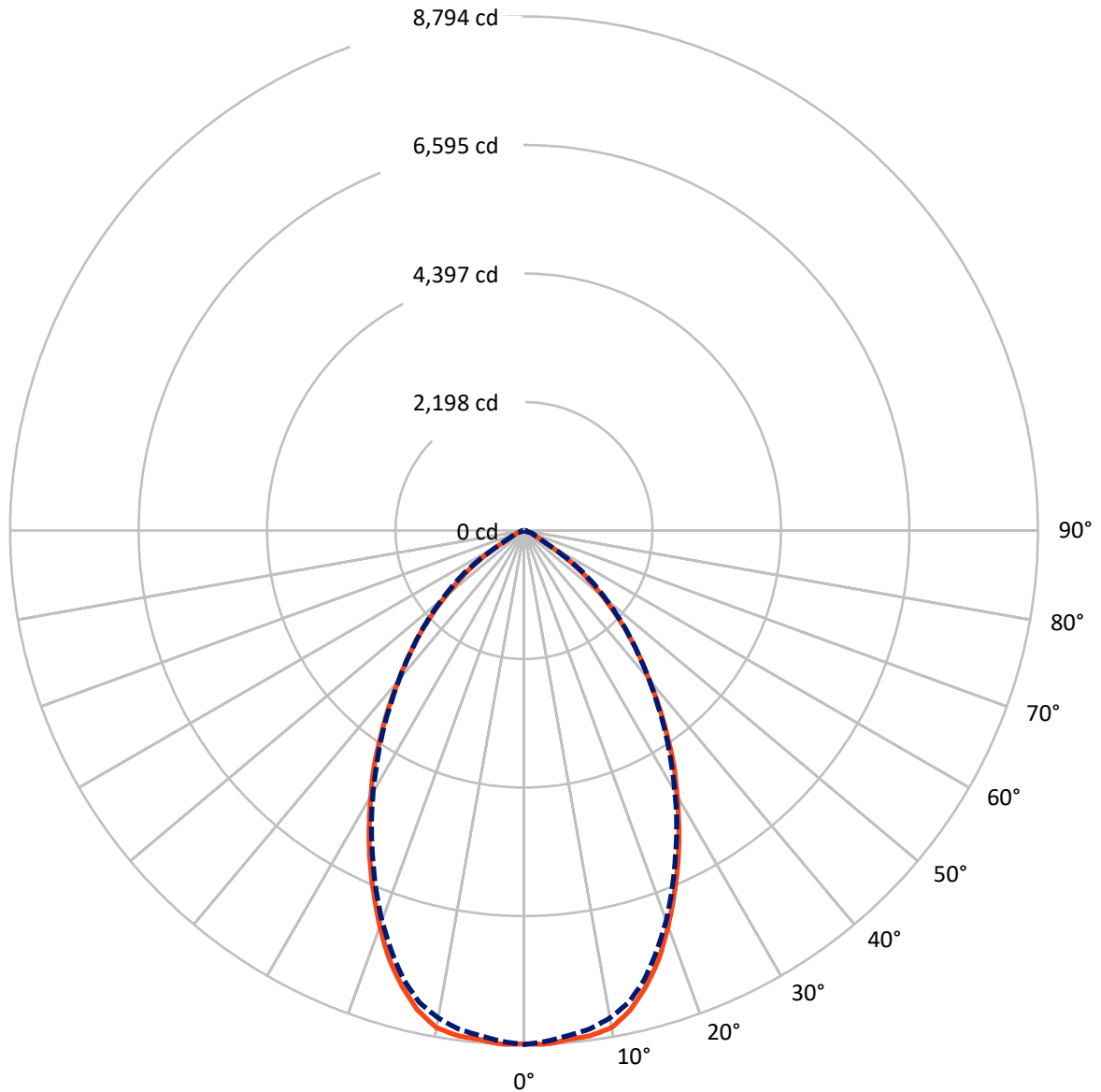
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Lumen Table

90	0.1	1.1	2.9	5.0	3.5	5.0	2.9	1.1	0.1							
80	0.1	1.1	2.9	5.0	3.5	5.0	2.9	1.1	0.1							
70	0.5	0.8	1.6	2.5	3.7	4.8	5.9	6.6	6.6	5.9	4.8	3.7	2.5	1.6	0.8	0.5
60		1.3	2.7	4.8	9.2	17.9	26.8	32.1	32.1	26.8	17.9	9.2	4.8	2.7	1.3	
50	0.9	1.7	3.9	11.4	30.0	49.9	66.3	75.7	75.7	66.3	49.9	30.0	11.4	3.9	1.7	0.9
40		2.1	6.7	26.3	53.9	84.1	111.4	127.8	127.8	111.4	84.1	53.9	26.3	6.7	2.1	
30	1.0	2.5	12.2	39.7	76.4	119.6	159.8	185.2	185.2	159.8	119.6	76.4	39.7	12.2	2.5	1.0
20		3.0	17.4	49.5	94.2	149.4	203.5	237.7	237.7	203.5	149.4	94.2	49.5	17.4	3.0	
10	1.1	3.3	20.3	54.7	104.2	167.0	228.6	261.3	261.3	228.6	167.0	104.2	54.7	20.3	3.3	1.1
0		3.3	20.3	54.7	104.2	167.0	228.6	261.3	261.3	228.6	167.0	104.2	54.7	20.3	3.3	
-10	1.0	3.0	17.4	49.5	94.2	149.4	203.5	237.7	237.7	203.5	149.4	94.2	49.5	17.4	3.0	1.0
-20		2.5	12.2	39.7	76.4	119.6	159.8	185.2	185.2	159.8	119.6	76.4	39.7	12.2	2.5	
-30	0.9	2.1	6.7	26.3	53.9	84.1	111.4	127.8	127.8	111.4	84.1	53.9	26.3	6.7	2.1	0.9
-40		1.7	3.9	11.4	30.0	49.9	66.3	75.7	75.7	66.3	49.9	30.0	11.4	3.9	1.7	
-50	0.5	1.3	2.7	4.8	9.2	17.9	26.8	32.1	32.1	26.8	17.9	9.2	4.8	2.7	1.3	0.5
-60		0.8	1.6	2.5	3.7	4.8	5.9	6.6	6.6	5.9	4.8	3.7	2.5	1.6	0.8	
-70	0.1	1.1	2.9	5.0	3.5	5.0	2.9	1.1	0.1							
-80		0.1	1.1	2.9	5.0	3.5	5.0	2.9	1.1	0.1						
-90	0.1	1.1	2.9	5.0	3.5	5.0	2.9	1.1	0.1							

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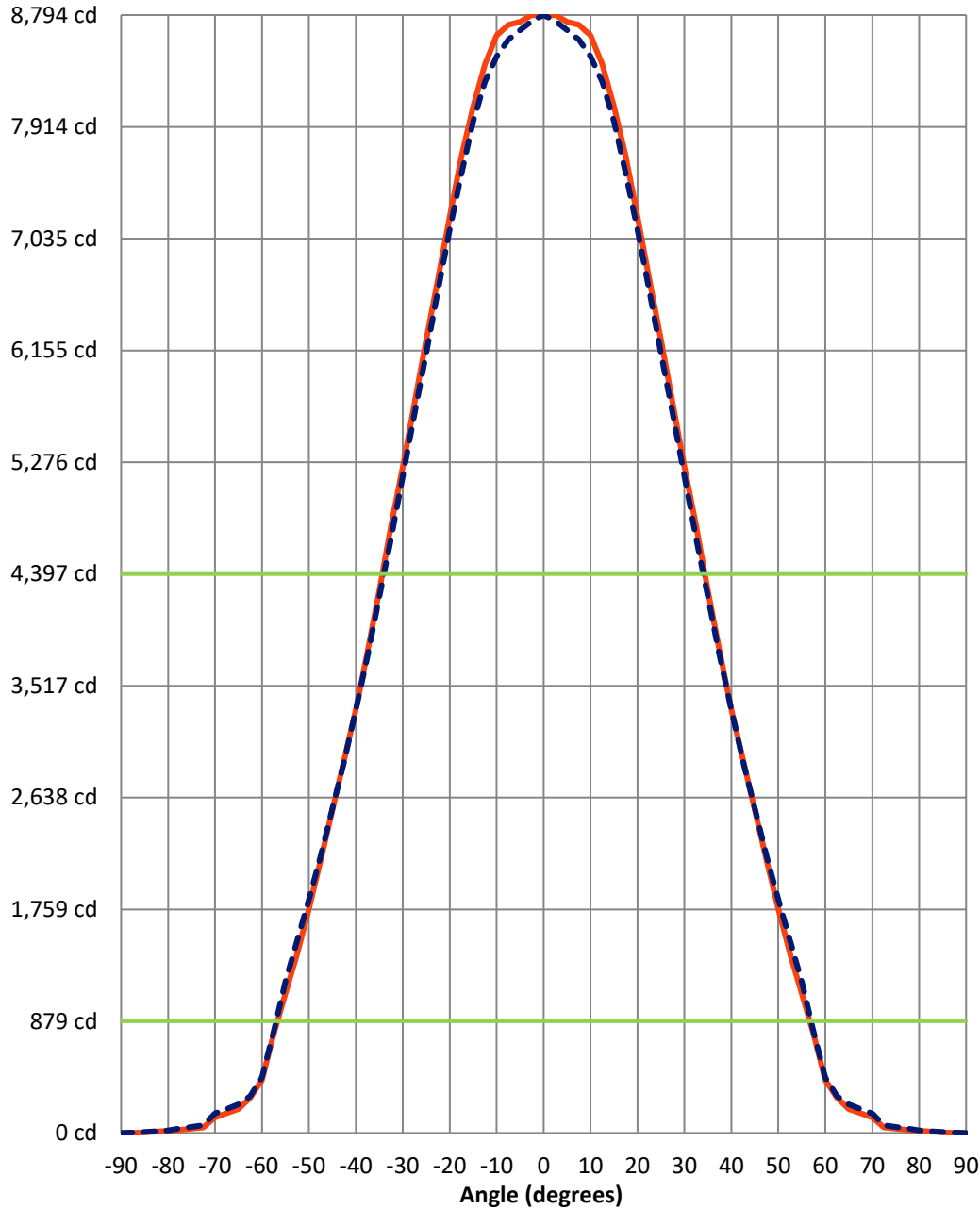
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 2.5-Deg

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Luminous Intensity Plot



Beam:
H Angle: 68°
V Angle: 68.7°
Lumens: 7135.6
Efficiency: 60.0%

Field:
H Angle: 114°
V Angle: 113.4°
Lumens: 11368.8
Efficiency: 95.5%

Spill:
Lumens: 532.4
Efficiency: 4.5%

- Vertical Distribution through 0-Deg
- - Horizontal Distribution through 2.5-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	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.2	1.3	1.4
85°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.0	2.3	2.6	2.9
82.5°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.1	3.7	5.0	6.4
80°	0.0	0.6	1.2	1.8	2.3	2.9	3.7	5.5	7.3	9.2	11.1
77.5°	0.0	0.7	1.5	2.2	2.9	4.0	6.2	8.5	10.9	13.3	16.5
75°	0.0	0.9	1.8	2.6	3.6	5.8	8.7	11.6	14.7	19.6	24.4
72.5°	0.0	1.0	2.0	3.1	4.8	7.6	11.1	15.2	21.0	26.7	32.3
70°	0.0	1.2	2.3	3.5	5.9	9.2	13.7	20.7	27.2	33.7	42.9
67.5°	0.0	1.3	2.6	4.2	7.0	10.8	17.8	26.1	33.4	43.1	54.0
65°	0.0	1.4	2.9	4.9	8.1	12.9	21.7	31.4	41.0	52.1	64.5
62.5°	0.0	1.6	3.1	5.5	9.0	15.5	25.3	37.1	48.2	61.0	74.5
60°	0.0	1.7	3.4	6.1	9.9	17.9	28.7	42.8	55.1	70.5	84.6
57.5°	0.0	1.8	3.7	6.6	11.3	20.0	32.0	47.9	63.5	80.1	93.0
55°	0.0	1.9	4.1	7.1	12.6	21.9	35.0	51.9	72.3	89.0	100.6
52.5°	0.0	2.1	4.4	7.6	13.7	23.5	37.5	57.8	81.0	96.1	108.2
50°	0.0	2.2	4.7	8.0	14.7	25.1	39.6	63.3	89.0	103.0	116.2
47.5°	0.0	2.3	5.0	8.4	15.5	26.3	41.6	68.0	95.2	110.0	123.8
45°	0.0	2.4	5.3	8.8	16.1	27.3	45.0	72.1	97.9	116.2	130.9
42.5°	0.0	2.5	5.5	9.2	16.6	27.9	47.8	74.3	99.7	122.1	138.6
40°	0.0	2.6	5.8	9.6	16.9	28.2	50.0	75.2	100.7	126.9	146.4
37.5°	0.0	2.7	6.0	10.1	17.0	28.2	51.7	75.4	101.8	129.1	153.9
35°	0.0	2.8	6.3	10.5	16.9	28.8	52.8	75.1	102.8	133.8	161.3
32.5°	0.0	2.9	6.5	10.9	16.7	29.6	53.0	74.0	103.9	139.9	168.7
30°	0.0	2.9	6.7	11.3	16.3	30.0	52.0	72.9	104.9	147.0	175.6
27.5°	0.0	3.0	6.9	11.7	16.7	30.0	50.6	73.2	107.5	155.3	182.2
25°	0.0	3.1	7.1	12.0	17.2	29.7	48.8	73.2	113.0	161.8	188.4
22.5°	0.0	3.1	7.2	12.3	17.7	29.6	46.6	73.0	118.9	166.8	196.4
20°	0.0	3.2	7.4	12.6	18.1	31.0	44.0	72.6	125.0	171.3	203.4
17.5°	0.0	3.2	7.5	12.8	18.5	32.3	43.5	72.0	131.1	175.3	209.6
15°	0.0	3.3	7.6	13.0	18.9	33.3	44.4	71.6	137.0	178.9	214.9
12.5°	0.0	3.3	7.7	13.2	19.2	34.2	45.2	71.1	142.3	181.9	219.3
10°	0.0	3.3	7.8	13.3	19.5	34.9	45.9	69.7	146.6	184.3	222.6
7.5°	0.0	3.4	7.8	13.5	19.8	35.5	46.5	67.5	150.1	186.2	224.5
5°	0.0	3.4	7.9	13.5	20.0	35.9	46.9	64.7	152.5	187.6	225.5
2.5°	0.0	3.4	7.9	13.6	20.2	36.1	47.3	61.3	153.8	188.5	225.7
0°	0.0	3.4	7.9	13.6	20.3	36.2	47.5	57.7	153.7	188.8	225.0
-2.5°	0.0	3.4	7.9	13.6	20.2	36.1	47.3	61.3	153.8	188.5	225.7
-5°	0.0	3.4	7.9	13.5	20.0	35.9	46.9	64.7	152.5	187.6	225.5
-7.5°	0.0	3.4	7.8	13.5	19.8	35.5	46.5	67.5	150.1	186.2	224.5
-10°	0.0	3.3	7.8	13.3	19.5	34.9	45.9	69.7	146.6	184.3	222.6
-12.5°	0.0	3.3	7.7	13.2	19.2	34.2	45.2	71.1	142.3	181.9	219.3
-15°	0.0	3.3	7.6	13.0	18.9	33.3	44.4	71.6	137.0	178.9	214.9
-17.5°	0.0	3.2	7.5	12.8	18.5	32.3	43.5	72.0	131.1	175.3	209.6
-20°	0.0	3.2	7.4	12.6	18.1	31.0	44.0	72.6	125.0	171.3	203.4



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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	3.1	7.2	12.3	17.7	29.6	46.6	73.0	118.9	166.8	196.4
-25°	0.0	3.1	7.1	12.0	17.2	29.7	48.8	73.2	113.0	161.8	188.4
-27.5°	0.0	3.0	6.9	11.7	16.7	30.0	50.6	73.2	107.5	155.3	182.2
-30°	0.0	2.9	6.7	11.3	16.3	30.0	52.0	72.9	104.9	147.0	175.6
-32.5°	0.0	2.9	6.5	10.9	16.7	29.6	53.0	74.0	103.9	139.9	168.7
-35°	0.0	2.8	6.3	10.5	16.9	28.8	52.8	75.1	102.8	133.8	161.3
-37.5°	0.0	2.7	6.0	10.1	17.0	28.2	51.7	75.4	101.8	129.1	153.9
-40°	0.0	2.6	5.8	9.6	16.9	28.2	50.0	75.2	100.7	126.9	146.4
-42.5°	0.0	2.5	5.5	9.2	16.6	27.9	47.8	74.3	99.7	122.1	138.6
-45°	0.0	2.4	5.3	8.8	16.1	27.3	45.0	72.1	97.9	116.2	130.9
-47.5°	0.0	2.3	5.0	8.4	15.5	26.3	41.6	68.0	95.2	110.0	123.8
-50°	0.0	2.2	4.7	8.0	14.7	25.1	39.6	63.3	89.0	103.0	116.2
-52.5°	0.0	2.1	4.4	7.6	13.7	23.5	37.5	57.8	81.0	96.1	108.2
-55°	0.0	1.9	4.1	7.1	12.6	21.9	35.0	51.9	72.3	89.0	100.6
-57.5°	0.0	1.8	3.7	6.6	11.3	20.0	32.0	47.9	63.5	80.1	93.0
-60°	0.0	1.7	3.4	6.1	9.9	17.9	28.7	42.8	55.1	70.5	84.6
-62.5°	0.0	1.6	3.1	5.5	9.0	15.5	25.3	37.1	48.2	61.0	74.5
-65°	0.0	1.4	2.9	4.9	8.1	12.9	21.7	31.4	41.0	52.1	64.5
-67.5°	0.0	1.3	2.6	4.2	7.0	10.8	17.8	26.1	33.4	43.1	54.0
-70°	0.0	1.2	2.3	3.5	5.9	9.2	13.7	20.7	27.2	33.7	42.9
-72.5°	0.0	1.0	2.0	3.1	4.8	7.6	11.1	15.2	21.0	26.7	32.3
-75°	0.0	0.9	1.8	2.6	3.6	5.8	8.7	11.6	14.7	19.6	24.4
-77.5°	0.0	0.7	1.5	2.2	2.9	4.0	6.2	8.5	10.9	13.3	16.5
-80°	0.0	0.6	1.2	1.8	2.3	2.9	3.7	5.5	7.3	9.2	11.1
-82.5°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.1	3.7	5.0	6.4
-85°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.0	2.3	2.6	2.9
-87.5°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.2	1.3	1.4
-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°	1.4	1.4	1.4	1.3	1.4	1.5	1.6	1.6	1.5	1.3	1.1
85°	2.9	2.9	3.2	3.5	3.8	4.1	4.2	4.2	4.7	5.3	6.0
82.5°	7.2	7.7	8.0	8.0	8.2	8.1	8.0	8.0	9.8	12.2	14.8
80°	12.0	12.5	14.4	16.5	17.6	17.5	16.6	14.8	17.5	21.9	27.2
77.5°	19.6	22.5	25.6	28.7	29.3	27.8	25.3	22.0	25.9	33.7	42.5
75°	28.5	32.5	36.9	40.3	40.3	37.9	34.7	34.0	40.6	50.0	57.8
72.5°	39.0	44.8	49.1	51.9	51.7	51.3	52.5	55.3	60.7	67.6	73.6
70°	51.6	57.4	60.6	62.0	62.6	65.7	70.4	73.9	77.8	84.6	90.9
67.5°	64.2	68.6	71.4	73.3	78.6	84.6	89.2	93.6	98.3	105.3	111.0
65°	75.3	79.9	83.8	89.6	97.3	103.0	108.6	114.4	122.7	130.4	135.1
62.5°	86.3	91.1	97.0	105.0	113.4	120.6	129.7	140.0	150.7	158.7	167.8
60°	94.7	101.6	110.0	119.6	129.5	141.3	153.0	165.0	176.0	186.7	200.1
57.5°	102.8	112.6	123.2	134.4	147.5	162.3	176.5	189.5	203.3	218.2	233.4
55°	111.6	124.5	136.3	149.6	165.6	184.3	200.2	215.5	232.1	257.2	279.1
52.5°	121.3	135.5	148.9	165.1	185.0	205.0	223.1	244.6	272.2	309.5	369.9
50°	130.4	145.7	161.3	182.3	203.8	224.9	251.0	280.9	336.4	405.8	527.5
47.5°	139.5	155.7	176.3	199.0	222.5	250.3	283.3	348.9	424.4	597.4	769.9
45°	148.5	167.7	190.5	216.3	244.3	279.2	347.8	428.6	634.1	833.2	1040.5
42.5°	157.3	179.8	205.8	233.3	269.9	333.1	421.4	635.0	857.5	1086.1	1285.1
40°	167.3	191.0	221.2	256.0	304.4	400.4	598.7	839.2	1089.9	1305.9	1499.5
37.5°	176.6	204.8	237.6	278.1	365.1	525.3	780.8	1047.5	1290.4	1501.4	1708.2
35°	185.2	218.1	257.2	317.9	424.5	688.6	965.6	1236.8	1469.0	1694.2	1920.4
32.5°	195.3	231.0	276.0	370.7	560.9	846.3	1141.0	1399.5	1642.5	1882.7	2141.2
30°	206.5	246.9	302.3	421.0	696.1	999.5	1291.5	1555.5	1807.5	2074.3	2351.1
27.5°	217.0	262.4	345.8	518.7	823.1	1142.5	1428.4	1700.0	1970.5	2254.7	2552.6
25°	226.6	277.0	386.6	625.7	945.7	1264.5	1554.3	1830.7	2122.9	2431.6	2745.1
22.5°	236.9	291.3	423.3	723.2	1057.9	1373.1	1665.5	1958.6	2267.8	2595.0	2922.1
20°	248.1	321.7	483.8	813.3	1159.8	1471.8	1765.3	2077.4	2403.4	2742.4	3087.8
17.5°	258.2	348.6	556.1	898.7	1245.5	1557.6	1855.2	2185.0	2521.4	2875.7	3239.6
15°	267.4	372.0	619.8	974.2	1318.2	1630.5	1942.8	2280.6	2626.2	2995.3	3373.2
12.5°	275.4	391.7	674.6	1039.5	1379.6	1692.9	2016.4	2361.1	2719.7	3099.8	3493.6
10°	282.2	407.8	720.1	1094.1	1429.5	1744.3	2075.5	2428.2	2794.0	3183.9	3590.7
7.5°	286.6	421.0	756.1	1137.7	1468.0	1784.6	2120.1	2481.0	2848.4	3249.7	3664.2
5°	289.3	431.8	782.1	1170.0	1496.1	1814.9	2152.2	2518.9	2883.3	3295.7	3713.6
2.5°	290.6	439.3	798.0	1190.6	1513.7	1836.3	2178.8	2552.2	2920.0	3328.6	3751.8
0°	290.5	443.1	803.7	1199.4	1520.4	1846.0	2191.9	2569.4	2943.6	3342.6	3777.8
-2.5°	290.6	439.3	798.0	1190.6	1513.7	1836.3	2178.8	2552.2	2920.0	3328.6	3751.8
-5°	289.3	431.8	782.1	1170.0	1496.1	1814.9	2152.2	2518.9	2883.3	3295.7	3713.6
-7.5°	286.6	421.0	756.1	1137.7	1468.0	1784.6	2120.1	2481.0	2848.4	3249.7	3664.2
-10°	282.2	407.8	720.1	1094.1	1429.5	1744.3	2075.5	2428.2	2794.0	3183.9	3590.7
-12.5°	275.4	391.7	674.6	1039.5	1379.6	1692.9	2016.4	2361.1	2719.7	3099.8	3493.6
-15°	267.4	372.0	619.8	974.2	1318.2	1630.5	1942.8	2280.6	2626.2	2995.3	3373.2
-17.5°	258.2	348.6	556.1	898.7	1245.5	1557.6	1855.2	2185.0	2521.4	2875.7	3239.6
-20°	248.1	321.7	483.8	813.3	1159.8	1471.8	1765.3	2077.4	2403.4	2742.4	3087.8



REPORT NUMBER: P558739 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	236.9	291.3	423.3	723.2	1057.9	1373.1	1665.5	1958.6	2267.8	2595.0	2922.1
-25°	226.6	277.0	386.6	625.7	945.7	1264.5	1554.3	1830.7	2122.9	2431.6	2745.1
-27.5°	217.0	262.4	345.8	518.7	823.1	1142.5	1428.4	1700.0	1970.5	2254.7	2552.6
-30°	206.5	246.9	302.3	421.0	696.1	999.5	1291.5	1555.5	1807.5	2074.3	2351.1
-32.5°	195.3	231.0	276.0	370.7	560.9	846.3	1141.0	1399.5	1642.5	1882.7	2141.2
-35°	185.2	218.1	257.2	317.9	424.5	688.6	965.6	1236.8	1469.0	1694.2	1920.4
-37.5°	176.6	204.8	237.6	278.1	365.1	525.3	780.8	1047.5	1290.4	1501.4	1708.2
-40°	167.3	191.0	221.2	256.0	304.4	400.4	598.7	839.2	1089.9	1305.9	1499.5
-42.5°	157.3	179.8	205.8	233.3	269.9	333.1	421.4	635.0	857.5	1086.1	1285.1
-45°	148.5	167.7	190.5	216.3	244.3	279.2	347.8	428.6	634.1	833.2	1040.5
-47.5°	139.5	155.7	176.3	199.0	222.5	250.3	283.3	348.9	424.4	597.4	769.9
-50°	130.4	145.7	161.3	182.3	203.8	224.9	251.0	280.9	336.4	405.8	527.5
-52.5°	121.3	135.5	148.9	165.1	185.0	205.0	223.1	244.6	272.2	309.5	369.9
-55°	111.6	124.5	136.3	149.6	165.6	184.3	200.2	215.5	232.1	257.2	279.1
-57.5°	102.8	112.6	123.2	134.4	147.5	162.3	176.5	189.5	203.3	218.2	233.4
-60°	94.7	101.6	110.0	119.6	129.5	141.3	153.0	165.0	176.0	186.7	200.1
-62.5°	86.3	91.1	97.0	105.0	113.4	120.6	129.7	140.0	150.7	158.7	167.8
-65°	75.3	79.9	83.8	89.6	97.3	103.0	108.6	114.4	122.7	130.4	135.1
-67.5°	64.2	68.6	71.4	73.3	78.6	84.6	89.2	93.6	98.3	105.3	111.0
-70°	51.6	57.4	60.6	62.0	62.6	65.7	70.4	73.9	77.8	84.6	90.9
-72.5°	39.0	44.8	49.1	51.9	51.7	51.3	52.5	55.3	60.7	67.6	73.6
-75°	28.5	32.5	36.9	40.3	40.3	37.9	34.7	34.0	40.6	50.0	57.8
-77.5°	19.6	22.5	25.6	28.7	29.3	27.8	25.3	22.0	25.9	33.7	42.5
-80°	12.0	12.5	14.4	16.5	17.6	17.5	16.6	14.8	17.5	21.9	27.2
-82.5°	7.2	7.7	8.0	8.0	8.2	8.1	8.0	8.0	9.8	12.2	14.8
-85°	2.9	2.9	3.2	3.5	3.8	4.1	4.2	4.2	4.7	5.3	6.0
-87.5°	1.4	1.4	1.4	1.3	1.4	1.5	1.6	1.6	1.5	1.3	1.1
-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: P558739 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-935-U-WR-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°	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1
85°	6.9	6.8	6.5	6.2	5.8	5.9	6.1	6.3	6.4	6.0	5.5
82.5°	17.7	19.0	20.3	21.6	23.0	22.8	22.2	21.2	20.1	17.9	15.5
80°	33.2	36.3	38.4	40.1	41.4	40.1	38.2	35.9	33.4	29.7	25.6
77.5°	51.6	54.7	56.3	58.3	60.4	60.9	61.0	61.2	61.4	54.5	45.7
75°	64.1	68.2	71.6	74.6	77.2	78.6	79.4	80.3	81.1	71.9	59.9
72.5°	78.7	82.8	86.0	89.3	92.1	94.3	96.0	97.5	98.6	91.1	80.6
70°	95.9	99.9	103.6	107.0	110.3	113.3	116.0	118.5	120.7	121.1	121.7
67.5°	115.3	117.7	122.1	126.3	131.4	135.1	139.2	143.1	146.7	149.7	152.3
65°	139.3	147.8	156.5	160.7	161.0	166.4	174.8	179.5	180.9	182.0	184.7
62.5°	179.6	190.6	196.4	203.9	214.3	225.6	230.0	236.2	243.9	252.5	260.2
60°	211.5	220.9	234.9	249.1	261.8	273.3	301.1	325.9	347.1	365.4	383.0
57.5°	251.3	266.7	288.1	326.6	361.9	393.7	448.2	514.8	574.1	625.9	671.5
55°	314.6	359.6	400.2	491.2	588.3	672.5	751.2	835.5	904.0	957.6	1007.2
52.5°	422.5	546.4	672.0	790.1	906.2	1011.9	1106.8	1181.5	1239.7	1283.5	1324.9
50°	676.4	825.7	978.7	1119.6	1233.6	1337.9	1436.6	1510.7	1572.6	1626.0	1673.2
47.5°	953.2	1128.0	1272.5	1402.5	1525.4	1641.0	1749.1	1839.2	1915.5	1985.9	2044.5
45°	1228.6	1384.9	1533.2	1672.5	1806.3	1936.0	2052.1	2154.6	2255.6	2339.1	2405.1
42.5°	1461.5	1627.0	1784.7	1944.2	2093.8	2239.2	2379.5	2504.2	2611.5	2702.7	2776.1
40°	1685.1	1863.5	2050.8	2227.8	2405.5	2571.4	2726.9	2869.3	2991.4	3099.4	3190.8
37.5°	1912.6	2120.9	2326.7	2528.5	2724.2	2904.6	3083.1	3247.3	3390.5	3516.8	3623.0
35°	2152.7	2382.3	2606.3	2833.6	3047.3	3256.1	3453.4	3634.2	3792.7	3941.6	4069.5
32.5°	2393.3	2642.1	2894.2	3140.2	3376.9	3610.8	3827.2	4031.0	4218.4	4383.2	4519.7
30°	2627.5	2901.4	3171.1	3439.2	3709.4	3964.2	4203.9	4427.7	4631.1	4810.5	4965.7
27.5°	2852.2	3146.7	3436.0	3742.6	4036.2	4313.4	4573.7	4814.3	5041.4	5245.5	5421.6
25°	3060.2	3373.0	3710.2	4031.7	4345.9	4653.3	4938.6	5200.0	5459.5	5684.1	5875.3
22.5°	3256.6	3605.7	3960.8	4298.0	4644.6	4982.6	5302.0	5604.9	5882.1	6117.4	6321.3
20°	3443.5	3819.2	4184.9	4558.3	4933.7	5298.4	5650.0	5973.7	6266.6	6523.0	6753.1
17.5°	3620.0	4008.7	4397.4	4796.1	5201.5	5584.9	5957.5	6309.6	6629.4	6913.9	7173.1
15°	3772.6	4174.2	4590.5	5014.2	5438.3	5846.0	6241.3	6625.0	6984.8	7294.4	7555.9
12.5°	3902.3	4320.7	4761.1	5205.7	5652.6	6080.0	6499.0	6909.6	7292.0	7624.9	7893.4
10°	4009.9	4448.3	4908.3	5371.3	5829.8	6273.8	6709.6	7134.4	7545.2	7890.2	8166.0
7.5°	4099.6	4554.8	5025.4	5502.4	5965.0	6426.1	6880.7	7309.7	7714.4	8078.3	8361.7
5°	4166.6	4629.4	5109.9	5598.8	6068.5	6546.1	7014.1	7453.2	7853.9	8183.6	8414.9
2.5°	4216.4	4675.9	5164.7	5656.9	6132.9	6627.6	7105.7	7545.2	7955.3	8267.4	8467.7
0°	4250.4	4701.4	5214.6	5697.3	6181.1	6688.7	7161.2	7605.4	8016.9	8322.1	8529.0
-2.5°	4216.4	4675.9	5164.7	5656.9	6132.9	6627.6	7105.7	7545.2	7955.3	8267.4	8467.7
-5°	4166.6	4629.4	5109.9	5598.8	6068.5	6546.1	7014.1	7453.2	7853.9	8183.6	8414.9
-7.5°	4099.6	4554.8	5025.4	5502.4	5965.0	6426.1	6880.7	7309.7	7714.4	8078.3	8361.7
-10°	4009.9	4448.3	4908.3	5371.3	5829.8	6273.8	6709.6	7134.4	7545.2	7890.2	8166.0
-12.5°	3902.3	4320.7	4761.1	5205.7	5652.6	6080.0	6499.0	6909.6	7292.0	7624.9	7893.4
-15°	3772.6	4174.2	4590.5	5014.2	5438.3	5846.0	6241.3	6625.0	6984.8	7294.4	7555.9
-17.5°	3620.0	4008.7	4397.4	4796.1	5201.5	5584.9	5957.5	6309.6	6629.4	6913.9	7173.1
-20°	3443.5	3819.2	4184.9	4558.3	4933.7	5298.4	5650.0	5973.7	6266.6	6523.0	6753.1



REPORT NUMBER: P558739 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3256.6	3605.7	3960.8	4298.0	4644.6	4982.6	5302.0	5604.9	5882.1	6117.4	6321.3
-25°	3060.2	3373.0	3710.2	4031.7	4345.9	4653.3	4938.6	5200.0	5459.5	5684.1	5875.3
-27.5°	2852.2	3146.7	3436.0	3742.6	4036.2	4313.4	4573.7	4814.3	5041.4	5245.5	5421.6
-30°	2627.5	2901.4	3171.1	3439.2	3709.4	3964.2	4203.9	4427.7	4631.1	4810.5	4965.7
-32.5°	2393.3	2642.1	2894.2	3140.2	3376.9	3610.8	3827.2	4031.0	4218.4	4383.2	4519.7
-35°	2152.7	2382.3	2606.3	2833.6	3047.3	3256.1	3453.4	3634.2	3792.7	3941.6	4069.5
-37.5°	1912.6	2120.9	2326.7	2528.5	2724.2	2904.6	3083.1	3247.3	3390.5	3516.8	3623.0
-40°	1685.1	1863.5	2050.8	2227.8	2405.5	2571.4	2726.9	2869.3	2991.4	3099.4	3190.8
-42.5°	1461.5	1627.0	1784.7	1944.2	2093.8	2239.2	2379.5	2504.2	2611.5	2702.7	2776.1
-45°	1228.6	1384.9	1533.2	1672.5	1806.3	1936.0	2052.1	2154.6	2255.6	2339.1	2405.1
-47.5°	953.2	1128.0	1272.5	1402.5	1525.4	1641.0	1749.1	1839.2	1915.5	1985.9	2044.5
-50°	676.4	825.7	978.7	1119.6	1233.6	1337.9	1436.6	1510.7	1572.6	1626.0	1673.2
-52.5°	422.5	546.4	672.0	790.1	906.2	1011.9	1106.8	1181.5	1239.7	1283.5	1324.9
-55°	314.6	359.6	400.2	491.2	588.3	672.5	751.2	835.5	904.0	957.6	1007.2
-57.5°	251.3	266.7	288.1	326.6	361.9	393.7	448.2	514.8	574.1	625.9	671.5
-60°	211.5	220.9	234.9	249.1	261.8	273.3	301.1	325.9	347.1	365.4	383.0
-62.5°	179.6	190.6	196.4	203.9	214.3	225.6	230.0	236.2	243.9	252.5	260.2
-65°	139.3	147.8	156.5	160.7	161.0	166.4	174.8	179.5	180.9	182.0	184.7
-67.5°	115.3	117.7	122.1	126.3	131.4	135.1	139.2	143.1	146.7	149.7	152.3
-70°	95.9	99.9	103.6	107.0	110.3	113.3	116.0	118.5	120.7	121.1	121.7
-72.5°	78.7	82.8	86.0	89.3	92.1	94.3	96.0	97.5	98.6	91.1	80.6
-75°	64.1	68.2	71.6	74.6	77.2	78.6	79.4	80.3	81.1	71.9	59.9
-77.5°	51.6	54.7	56.3	58.3	60.4	60.9	61.0	61.2	61.4	54.5	45.7
-80°	33.2	36.3	38.4	40.1	41.4	40.1	38.2	35.9	33.4	29.7	25.6
-82.5°	17.7	19.0	20.3	21.6	23.0	22.8	22.2	21.2	20.1	17.9	15.5
-85°	6.9	6.8	6.5	6.2	5.8	5.9	6.1	6.3	6.4	6.0	5.5
-87.5°	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1
-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: P558739 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-935-U-WR-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°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0
85°	5.0	4.5	4.5	4.5	4.5	4.5	5.0	5.5	6.0	6.4	6.3
82.5°	12.9	10.2	10.7	11.3	10.7	10.2	12.9	15.5	17.9	20.1	21.2
80°	21.4	17.0	17.5	18.1	17.5	17.0	21.4	25.6	29.7	33.4	35.9
77.5°	36.3	26.3	25.4	24.9	25.4	26.3	36.3	45.7	54.5	61.4	61.2
75°	47.4	34.6	33.9	33.9	33.9	34.6	47.4	59.9	71.9	81.1	80.3
72.5°	70.0	59.2	51.7	44.1	51.7	59.2	70.0	80.6	91.1	98.6	97.5
70°	123.0	124.5	123.9	122.1	123.9	124.5	123.0	121.7	121.1	120.7	118.5
67.5°	154.3	156.0	156.3	156.0	156.3	156.0	154.3	152.3	149.7	146.7	143.1
65°	186.5	187.6	188.5	188.8	188.5	187.6	186.5	184.7	182.0	180.9	179.5
62.5°	266.1	270.0	274.1	277.0	274.1	270.0	266.1	260.2	252.5	243.9	236.2
60°	398.3	411.0	416.6	417.1	416.6	411.0	398.3	383.0	365.4	347.1	325.9
57.5°	708.0	735.2	759.5	777.7	759.5	735.2	708.0	671.5	625.9	574.1	514.8
55°	1046.7	1075.7	1092.1	1096.5	1092.1	1075.7	1046.7	1007.2	957.6	904.0	835.5
52.5°	1356.3	1375.6	1393.9	1409.6	1393.9	1375.6	1356.3	1324.9	1283.5	1239.7	1181.5
50°	1708.8	1730.3	1748.4	1762.3	1748.4	1730.3	1708.8	1673.2	1626.0	1572.6	1510.7
47.5°	2085.6	2112.0	2131.4	2144.4	2131.4	2112.0	2085.6	2044.5	1985.9	1915.5	1839.2
45°	2461.6	2506.7	2534.1	2538.9	2534.1	2506.7	2461.6	2405.1	2339.1	2255.6	2154.6
42.5°	2839.6	2882.8	2911.9	2933.4	2911.9	2882.8	2839.6	2776.1	2702.7	2611.5	2504.2
40°	3266.9	3321.2	3346.0	3330.2	3346.0	3321.2	3266.9	3190.8	3099.4	2991.4	2869.3
37.5°	3704.8	3760.6	3789.4	3788.0	3789.4	3760.6	3704.8	3623.0	3516.8	3390.5	3247.3
35°	4169.0	4238.1	4275.6	4266.2	4275.6	4238.1	4169.0	4069.5	3941.6	3792.7	3634.2
32.5°	4628.9	4712.5	4766.5	4774.9	4766.5	4712.5	4628.9	4519.7	4383.2	4218.4	4031.0
30°	5090.1	5180.5	5234.2	5239.5	5234.2	5180.5	5090.1	4965.7	4810.5	4631.1	4427.7
27.5°	5569.5	5670.6	5726.8	5740.2	5726.8	5670.6	5569.5	5421.6	5245.5	5041.4	4814.3
25°	6038.4	6150.6	6215.1	6239.9	6215.1	6150.6	6038.4	5875.3	5684.1	5459.5	5200.0
22.5°	6490.7	6613.7	6697.8	6719.2	6697.8	6613.7	6490.7	6321.3	6117.4	5882.1	5604.9
20°	6944.2	7089.5	7196.9	7207.5	7196.9	7089.5	6944.2	6753.1	6523.0	6266.6	5973.7
17.5°	7380.9	7538.0	7653.0	7681.2	7653.0	7538.0	7380.9	7173.1	6913.9	6629.4	6309.6
15°	7771.9	7936.8	8047.8	8072.3	8047.8	7936.8	7771.9	7555.9	7294.4	6984.8	6625.0
12.5°	8109.2	8261.3	8365.0	8404.6	8365.0	8261.3	8109.2	7893.4	7624.9	7292.0	6909.6
10°	8381.0	8498.4	8591.1	8633.0	8591.1	8498.4	8381.0	8166.0	7890.2	7545.2	7134.4
7.5°	8532.8	8629.4	8693.6	8716.6	8693.6	8629.4	8532.8	8361.7	8078.3	7714.4	7309.7
5°	8592.7	8685.3	8720.1	8740.4	8720.1	8685.3	8592.7	8414.9	8183.6	7853.9	7453.2
2.5°	8600.8	8675.0	8746.5	8793.5	8746.5	8675.0	8600.8	8467.7	8267.4	7955.3	7545.2
0°	8648.8	8721.1	8760.7	8783.3	8760.7	8721.1	8648.8	8529.0	8322.1	8016.9	7605.4
-2.5°	8600.8	8675.0	8746.5	8793.5	8746.5	8675.0	8600.8	8467.7	8267.4	7955.3	7545.2
-5°	8592.7	8685.3	8720.1	8740.4	8720.1	8685.3	8592.7	8414.9	8183.6	7853.9	7453.2
-7.5°	8532.8	8629.4	8693.6	8716.6	8693.6	8629.4	8532.8	8361.7	8078.3	7714.4	7309.7
-10°	8381.0	8498.4	8591.1	8633.0	8591.1	8498.4	8381.0	8166.0	7890.2	7545.2	7134.4
-12.5°	8109.2	8261.3	8365.0	8404.6	8365.0	8261.3	8109.2	7893.4	7624.9	7292.0	6909.6
-15°	7771.9	7936.8	8047.8	8072.3	8047.8	7936.8	7771.9	7555.9	7294.4	6984.8	6625.0
-17.5°	7380.9	7538.0	7653.0	7681.2	7653.0	7538.0	7380.9	7173.1	6913.9	6629.4	6309.6
-20°	6944.2	7089.5	7196.9	7207.5	7196.9	7089.5	6944.2	6753.1	6523.0	6266.6	5973.7



REPORT NUMBER: P558739 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	6490.7	6613.7	6697.8	6719.2	6697.8	6613.7	6490.7	6321.3	6117.4	5882.1	5604.9
-25°	6038.4	6150.6	6215.1	6239.9	6215.1	6150.6	6038.4	5875.3	5684.1	5459.5	5200.0
-27.5°	5569.5	5670.6	5726.8	5740.2	5726.8	5670.6	5569.5	5421.6	5245.5	5041.4	4814.3
-30°	5090.1	5180.5	5234.2	5239.5	5234.2	5180.5	5090.1	4965.7	4810.5	4631.1	4427.7
-32.5°	4628.9	4712.5	4766.5	4774.9	4766.5	4712.5	4628.9	4519.7	4383.2	4218.4	4031.0
-35°	4169.0	4238.1	4275.6	4266.2	4275.6	4238.1	4169.0	4069.5	3941.6	3792.7	3634.2
-37.5°	3704.8	3760.6	3789.4	3788.0	3789.4	3760.6	3704.8	3623.0	3516.8	3390.5	3247.3
-40°	3266.9	3321.2	3346.0	3330.2	3346.0	3321.2	3266.9	3190.8	3099.4	2991.4	2869.3
-42.5°	2839.6	2882.8	2911.9	2933.4	2911.9	2882.8	2839.6	2776.1	2702.7	2611.5	2504.2
-45°	2461.6	2506.7	2534.1	2538.9	2534.1	2506.7	2461.6	2405.1	2339.1	2255.6	2154.6
-47.5°	2085.6	2112.0	2131.4	2144.4	2131.4	2112.0	2085.6	2044.5	1985.9	1915.5	1839.2
-50°	1708.8	1730.3	1748.4	1762.3	1748.4	1730.3	1708.8	1673.2	1626.0	1572.6	1510.7
-52.5°	1356.3	1375.6	1393.9	1409.6	1393.9	1375.6	1356.3	1324.9	1283.5	1239.7	1181.5
-55°	1046.7	1075.7	1092.1	1096.5	1092.1	1075.7	1046.7	1007.2	957.6	904.0	835.5
-57.5°	708.0	735.2	759.5	777.7	759.5	735.2	708.0	671.5	625.9	574.1	514.8
-60°	398.3	411.0	416.6	417.1	416.6	411.0	398.3	383.0	365.4	347.1	325.9
-62.5°	266.1	270.0	274.1	277.0	274.1	270.0	266.1	260.2	252.5	243.9	236.2
-65°	186.5	187.6	188.5	188.8	188.5	187.6	186.5	184.7	182.0	180.9	179.5
-67.5°	154.3	156.0	156.3	156.0	156.3	156.0	154.3	152.3	149.7	146.7	143.1
-70°	123.0	124.5	123.9	122.1	123.9	124.5	123.0	121.7	121.1	120.7	118.5
-72.5°	70.0	59.2	51.7	44.1	51.7	59.2	70.0	80.6	91.1	98.6	97.5
-75°	47.4	34.6	33.9	33.9	33.9	34.6	47.4	59.9	71.9	81.1	80.3
-77.5°	36.3	26.3	25.4	24.9	25.4	26.3	36.3	45.7	54.5	61.4	61.2
-80°	21.4	17.0	17.5	18.1	17.5	17.0	21.4	25.6	29.7	33.4	35.9
-82.5°	12.9	10.2	10.7	11.3	10.7	10.2	12.9	15.5	17.9	20.1	21.2
-85°	5.0	4.5	4.5	4.5	4.5	4.5	5.0	5.5	6.0	6.4	6.3
-87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0
-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: P558739 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	1.0	1.0	1.0	1.0	1.0	0.9	0.9	1.1	1.3	1.5	1.6
85°	6.1	5.9	5.8	6.2	6.5	6.8	6.9	6.0	5.3	4.7	4.2
82.5°	22.2	22.8	23.0	21.6	20.3	19.0	17.7	14.8	12.2	9.8	8.0
80°	38.2	40.1	41.4	40.1	38.4	36.3	33.2	27.2	21.9	17.5	14.8
77.5°	61.0	60.9	60.4	58.3	56.3	54.7	51.6	42.5	33.7	25.9	22.0
75°	79.4	78.6	77.2	74.6	71.6	68.2	64.1	57.8	50.0	40.6	34.0
72.5°	96.0	94.3	92.1	89.3	86.0	82.8	78.7	73.6	67.6	60.7	55.3
70°	116.0	113.3	110.3	107.0	103.6	99.9	95.9	90.9	84.6	77.8	73.9
67.5°	139.2	135.1	131.4	126.3	122.1	117.7	115.3	111.0	105.3	98.3	93.6
65°	174.8	166.4	161.0	160.7	156.5	147.8	139.3	135.1	130.4	122.7	114.4
62.5°	230.0	225.6	214.3	203.9	196.4	190.6	179.6	167.8	158.7	150.7	140.0
60°	301.1	273.3	261.8	249.1	234.9	220.9	211.5	200.1	186.7	176.0	165.0
57.5°	448.2	393.7	361.9	326.6	288.1	266.7	251.3	233.4	218.2	203.3	189.5
55°	751.2	672.5	588.3	491.2	400.2	359.6	314.6	279.1	257.2	232.1	215.5
52.5°	1106.8	1011.9	906.2	790.1	672.0	546.4	422.5	369.9	309.5	272.2	244.6
50°	1436.6	1337.9	1233.6	1119.6	978.7	825.7	676.4	527.5	405.8	336.4	280.9
47.5°	1749.1	1641.0	1525.4	1402.5	1272.5	1128.0	953.2	769.9	597.4	424.4	348.9
45°	2052.1	1936.0	1806.3	1672.5	1533.2	1384.9	1228.6	1040.5	833.2	634.1	428.6
42.5°	2379.5	2239.2	2093.8	1944.2	1784.7	1627.0	1461.5	1285.1	1086.1	857.5	635.0
40°	2726.9	2571.4	2405.5	2227.8	2050.8	1863.5	1685.1	1499.5	1305.9	1089.9	839.2
37.5°	3083.1	2904.6	2724.2	2528.5	2326.7	2120.9	1912.6	1708.2	1501.4	1290.4	1047.5
35°	3453.4	3256.1	3047.3	2833.6	2606.3	2382.3	2152.7	1920.4	1694.2	1469.0	1236.8
32.5°	3827.2	3610.8	3376.9	3140.2	2894.2	2642.1	2393.3	2141.2	1882.7	1642.5	1399.5
30°	4203.9	3964.2	3709.4	3439.2	3171.1	2901.4	2627.5	2351.1	2074.3	1807.5	1555.5
27.5°	4573.7	4313.4	4036.2	3742.6	3436.0	3146.7	2852.2	2552.6	2254.7	1970.5	1700.0
25°	4938.6	4653.3	4345.9	4031.7	3710.2	3373.0	3060.2	2745.1	2431.6	2122.9	1830.7
22.5°	5302.0	4982.6	4644.6	4298.0	3960.8	3605.7	3256.6	2922.1	2595.0	2267.8	1958.6
20°	5650.0	5298.4	4933.7	4558.3	4184.9	3819.2	3443.5	3087.8	2742.4	2403.4	2077.4
17.5°	5957.5	5584.9	5201.5	4796.1	4397.4	4008.7	3620.0	3239.6	2875.7	2521.4	2185.0
15°	6241.3	5846.0	5438.3	5014.2	4590.5	4174.2	3772.6	3373.2	2995.3	2626.2	2280.6
12.5°	6499.0	6080.0	5652.6	5205.7	4761.1	4320.7	3902.3	3493.6	3099.8	2719.7	2361.1
10°	6709.6	6273.8	5829.8	5371.3	4908.3	4448.3	4009.9	3590.7	3183.9	2794.0	2428.2
7.5°	6880.7	6426.1	5965.0	5502.4	5025.4	4554.8	4099.6	3664.2	3249.7	2848.4	2481.0
5°	7014.1	6546.1	6068.5	5598.8	5109.9	4629.4	4166.6	3713.6	3295.7	2883.3	2518.9
2.5°	7105.7	6627.6	6132.9	5656.9	5164.7	4675.9	4216.4	3751.8	3328.6	2920.0	2552.2
0°	7161.2	6688.7	6181.1	5697.3	5214.6	4701.4	4250.4	3777.8	3342.6	2943.6	2569.4
-2.5°	7105.7	6627.6	6132.9	5656.9	5164.7	4675.9	4216.4	3751.8	3328.6	2920.0	2552.2
-5°	7014.1	6546.1	6068.5	5598.8	5109.9	4629.4	4166.6	3713.6	3295.7	2883.3	2518.9
-7.5°	6880.7	6426.1	5965.0	5502.4	5025.4	4554.8	4099.6	3664.2	3249.7	2848.4	2481.0
-10°	6709.6	6273.8	5829.8	5371.3	4908.3	4448.3	4009.9	3590.7	3183.9	2794.0	2428.2
-12.5°	6499.0	6080.0	5652.6	5205.7	4761.1	4320.7	3902.3	3493.6	3099.8	2719.7	2361.1
-15°	6241.3	5846.0	5438.3	5014.2	4590.5	4174.2	3772.6	3373.2	2995.3	2626.2	2280.6
-17.5°	5957.5	5584.9	5201.5	4796.1	4397.4	4008.7	3620.0	3239.6	2875.7	2521.4	2185.0
-20°	5650.0	5298.4	4933.7	4558.3	4184.9	3819.2	3443.5	3087.8	2742.4	2403.4	2077.4



REPORT NUMBER: P558739 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5302.0	4982.6	4644.6	4298.0	3960.8	3605.7	3256.6	2922.1	2595.0	2267.8	1958.6
-25°	4938.6	4653.3	4345.9	4031.7	3710.2	3373.0	3060.2	2745.1	2431.6	2122.9	1830.7
-27.5°	4573.7	4313.4	4036.2	3742.6	3436.0	3146.7	2852.2	2552.6	2254.7	1970.5	1700.0
-30°	4203.9	3964.2	3709.4	3439.2	3171.1	2901.4	2627.5	2351.1	2074.3	1807.5	1555.5
-32.5°	3827.2	3610.8	3376.9	3140.2	2894.2	2642.1	2393.3	2141.2	1882.7	1642.5	1399.5
-35°	3453.4	3256.1	3047.3	2833.6	2606.3	2382.3	2152.7	1920.4	1694.2	1469.0	1236.8
-37.5°	3083.1	2904.6	2724.2	2528.5	2326.7	2120.9	1912.6	1708.2	1501.4	1290.4	1047.5
-40°	2726.9	2571.4	2405.5	2227.8	2050.8	1863.5	1685.1	1499.5	1305.9	1089.9	839.2
-42.5°	2379.5	2239.2	2093.8	1944.2	1784.7	1627.0	1461.5	1285.1	1086.1	857.5	635.0
-45°	2052.1	1936.0	1806.3	1672.5	1533.2	1384.9	1228.6	1040.5	833.2	634.1	428.6
-47.5°	1749.1	1641.0	1525.4	1402.5	1272.5	1128.0	953.2	769.9	597.4	424.4	348.9
-50°	1436.6	1337.9	1233.6	1119.6	978.7	825.7	676.4	527.5	405.8	336.4	280.9
-52.5°	1106.8	1011.9	906.2	790.1	672.0	546.4	422.5	369.9	309.5	272.2	244.6
-55°	751.2	672.5	588.3	491.2	400.2	359.6	314.6	279.1	257.2	232.1	215.5
-57.5°	448.2	393.7	361.9	326.6	288.1	266.7	251.3	233.4	218.2	203.3	189.5
-60°	301.1	273.3	261.8	249.1	234.9	220.9	211.5	200.1	186.7	176.0	165.0
-62.5°	230.0	225.6	214.3	203.9	196.4	190.6	179.6	167.8	158.7	150.7	140.0
-65°	174.8	166.4	161.0	160.7	156.5	147.8	139.3	135.1	130.4	122.7	114.4
-67.5°	139.2	135.1	131.4	126.3	122.1	117.7	115.3	111.0	105.3	98.3	93.6
-70°	116.0	113.3	110.3	107.0	103.6	99.9	95.9	90.9	84.6	77.8	73.9
-72.5°	96.0	94.3	92.1	89.3	86.0	82.8	78.7	73.6	67.6	60.7	55.3
-75°	79.4	78.6	77.2	74.6	71.6	68.2	64.1	57.8	50.0	40.6	34.0
-77.5°	61.0	60.9	60.4	58.3	56.3	54.7	51.6	42.5	33.7	25.9	22.0
-80°	38.2	40.1	41.4	40.1	38.4	36.3	33.2	27.2	21.9	17.5	14.8
-82.5°	22.2	22.8	23.0	21.6	20.3	19.0	17.7	14.8	12.2	9.8	8.0
-85°	6.1	5.9	5.8	6.2	6.5	6.8	6.9	6.0	5.3	4.7	4.2
-87.5°	1.0	1.0	1.0	1.0	1.0	0.9	0.9	1.1	1.3	1.5	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: P558739 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-935-U-WR-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°	1.6	1.5	1.4	1.3	1.4	1.4	1.4	1.4	1.3	1.2	1.0
85°	4.2	4.1	3.8	3.5	3.2	2.9	2.9	2.9	2.6	2.3	2.0
82.5°	8.0	8.1	8.2	8.0	8.0	7.7	7.2	6.4	5.0	3.7	3.1
80°	16.6	17.5	17.6	16.5	14.4	12.5	12.0	11.1	9.2	7.3	5.5
77.5°	25.3	27.8	29.3	28.7	25.6	22.5	19.6	16.5	13.3	10.9	8.5
75°	34.7	37.9	40.3	40.3	36.9	32.5	28.5	24.4	19.6	14.7	11.6
72.5°	52.5	51.3	51.7	51.9	49.1	44.8	39.0	32.3	26.7	21.0	15.2
70°	70.4	65.7	62.6	62.0	60.6	57.4	51.6	42.9	33.7	27.2	20.7
67.5°	89.2	84.6	78.6	73.3	71.4	68.6	64.2	54.0	43.1	33.4	26.1
65°	108.6	103.0	97.3	89.6	83.8	79.9	75.3	64.5	52.1	41.0	31.4
62.5°	129.7	120.6	113.4	105.0	97.0	91.1	86.3	74.5	61.0	48.2	37.1
60°	153.0	141.3	129.5	119.6	110.0	101.6	94.7	84.6	70.5	55.1	42.8
57.5°	176.5	162.3	147.5	134.4	123.2	112.6	102.8	93.0	80.1	63.5	47.9
55°	200.2	184.3	165.6	149.6	136.3	124.5	111.6	100.6	89.0	72.3	51.9
52.5°	223.1	205.0	185.0	165.1	148.9	135.5	121.3	108.2	96.1	81.0	57.8
50°	251.0	224.9	203.8	182.3	161.3	145.7	130.4	116.2	103.0	89.0	63.3
47.5°	283.3	250.3	222.5	199.0	176.3	155.7	139.5	123.8	110.0	95.2	68.0
45°	347.8	279.2	244.3	216.3	190.5	167.7	148.5	130.9	116.2	97.9	72.1
42.5°	421.4	333.1	269.9	233.3	205.8	179.8	157.3	138.6	122.1	99.7	74.3
40°	598.7	400.4	304.4	256.0	221.2	191.0	167.3	146.4	126.9	100.7	75.2
37.5°	780.8	525.3	365.1	278.1	237.6	204.8	176.6	153.9	129.1	101.8	75.4
35°	965.6	688.6	424.5	317.9	257.2	218.1	185.2	161.3	133.8	102.8	75.1
32.5°	1141.0	846.3	560.9	370.7	276.0	231.0	195.3	168.7	139.9	103.9	74.0
30°	1291.5	999.5	696.1	421.0	302.3	246.9	206.5	175.6	147.0	104.9	72.9
27.5°	1428.4	1142.5	823.1	518.7	345.8	262.4	217.0	182.2	155.3	107.5	73.2
25°	1554.3	1264.5	945.7	625.7	386.6	277.0	226.6	188.4	161.8	113.0	73.2
22.5°	1665.5	1373.1	1057.9	723.2	423.3	291.3	236.9	196.4	166.8	118.9	73.0
20°	1765.3	1471.8	1159.8	813.3	483.8	321.7	248.1	203.4	171.3	125.0	72.6
17.5°	1855.2	1557.6	1245.5	898.7	556.1	348.6	258.2	209.6	175.3	131.1	72.0
15°	1942.8	1630.5	1318.2	974.2	619.8	372.0	267.4	214.9	178.9	137.0	71.6
12.5°	2016.4	1692.9	1379.6	1039.5	674.6	391.7	275.4	219.3	181.9	142.3	71.1
10°	2075.5	1744.3	1429.5	1094.1	720.1	407.8	282.2	222.6	184.3	146.6	69.7
7.5°	2120.1	1784.6	1468.0	1137.7	756.1	421.0	286.6	224.5	186.2	150.1	67.5
5°	2152.2	1814.9	1496.1	1170.0	782.1	431.8	289.3	225.5	187.6	152.5	64.7
2.5°	2178.8	1836.3	1513.7	1190.6	798.0	439.3	290.6	225.7	188.5	153.8	61.3
0°	2191.9	1846.0	1520.4	1199.4	803.7	443.1	290.5	225.0	188.8	153.7	57.7
-2.5°	2178.8	1836.3	1513.7	1190.6	798.0	439.3	290.6	225.7	188.5	153.8	61.3
-5°	2152.2	1814.9	1496.1	1170.0	782.1	431.8	289.3	225.5	187.6	152.5	64.7
-7.5°	2120.1	1784.6	1468.0	1137.7	756.1	421.0	286.6	224.5	186.2	150.1	67.5
-10°	2075.5	1744.3	1429.5	1094.1	720.1	407.8	282.2	222.6	184.3	146.6	69.7
-12.5°	2016.4	1692.9	1379.6	1039.5	674.6	391.7	275.4	219.3	181.9	142.3	71.1
-15°	1942.8	1630.5	1318.2	974.2	619.8	372.0	267.4	214.9	178.9	137.0	71.6
-17.5°	1855.2	1557.6	1245.5	898.7	556.1	348.6	258.2	209.6	175.3	131.1	72.0
-20°	1765.3	1471.8	1159.8	813.3	483.8	321.7	248.1	203.4	171.3	125.0	72.6



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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°	1665.5	1373.1	1057.9	723.2	423.3	291.3	236.9	196.4	166.8	118.9	73.0
-25°	1554.3	1264.5	945.7	625.7	386.6	277.0	226.6	188.4	161.8	113.0	73.2
-27.5°	1428.4	1142.5	823.1	518.7	345.8	262.4	217.0	182.2	155.3	107.5	73.2
-30°	1291.5	999.5	696.1	421.0	302.3	246.9	206.5	175.6	147.0	104.9	72.9
-32.5°	1141.0	846.3	560.9	370.7	276.0	231.0	195.3	168.7	139.9	103.9	74.0
-35°	965.6	688.6	424.5	317.9	257.2	218.1	185.2	161.3	133.8	102.8	75.1
-37.5°	780.8	525.3	365.1	278.1	237.6	204.8	176.6	153.9	129.1	101.8	75.4
-40°	598.7	400.4	304.4	256.0	221.2	191.0	167.3	146.4	126.9	100.7	75.2
-42.5°	421.4	333.1	269.9	233.3	205.8	179.8	157.3	138.6	122.1	99.7	74.3
-45°	347.8	279.2	244.3	216.3	190.5	167.7	148.5	130.9	116.2	97.9	72.1
-47.5°	283.3	250.3	222.5	199.0	176.3	155.7	139.5	123.8	110.0	95.2	68.0
-50°	251.0	224.9	203.8	182.3	161.3	145.7	130.4	116.2	103.0	89.0	63.3
-52.5°	223.1	205.0	185.0	165.1	148.9	135.5	121.3	108.2	96.1	81.0	57.8
-55°	200.2	184.3	165.6	149.6	136.3	124.5	111.6	100.6	89.0	72.3	51.9
-57.5°	176.5	162.3	147.5	134.4	123.2	112.6	102.8	93.0	80.1	63.5	47.9
-60°	153.0	141.3	129.5	119.6	110.0	101.6	94.7	84.6	70.5	55.1	42.8
-62.5°	129.7	120.6	113.4	105.0	97.0	91.1	86.3	74.5	61.0	48.2	37.1
-65°	108.6	103.0	97.3	89.6	83.8	79.9	75.3	64.5	52.1	41.0	31.4
-67.5°	89.2	84.6	78.6	73.3	71.4	68.6	64.2	54.0	43.1	33.4	26.1
-70°	70.4	65.7	62.6	62.0	60.6	57.4	51.6	42.9	33.7	27.2	20.7
-72.5°	52.5	51.3	51.7	51.9	49.1	44.8	39.0	32.3	26.7	21.0	15.2
-75°	34.7	37.9	40.3	40.3	36.9	32.5	28.5	24.4	19.6	14.7	11.6
-77.5°	25.3	27.8	29.3	28.7	25.6	22.5	19.6	16.5	13.3	10.9	8.5
-80°	16.6	17.5	17.6	16.5	14.4	12.5	12.0	11.1	9.2	7.3	5.5
-82.5°	8.0	8.1	8.2	8.0	8.0	7.7	7.2	6.4	5.0	3.7	3.1
-85°	4.2	4.1	3.8	3.5	3.2	2.9	2.9	2.9	2.6	2.3	2.0
-87.5°	1.6	1.5	1.4	1.3	1.4	1.4	1.4	1.4	1.3	1.2	1.0
-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):

	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°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
85°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
82.5°	2.6	2.2	1.8	1.3	0.9	0.4	0.0
80°	3.7	2.9	2.3	1.8	1.2	0.6	0.0
77.5°	6.2	4.0	2.9	2.2	1.5	0.7	0.0
75°	8.7	5.8	3.6	2.6	1.8	0.9	0.0
72.5°	11.1	7.6	4.8	3.1	2.0	1.0	0.0
70°	13.7	9.2	5.9	3.5	2.3	1.2	0.0
67.5°	17.8	10.8	7.0	4.2	2.6	1.3	0.0
65°	21.7	12.9	8.1	4.9	2.9	1.4	0.0
62.5°	25.3	15.5	9.0	5.5	3.1	1.6	0.0
60°	28.7	17.9	9.9	6.1	3.4	1.7	0.0
57.5°	32.0	20.0	11.3	6.6	3.7	1.8	0.0
55°	35.0	21.9	12.6	7.1	4.1	1.9	0.0
52.5°	37.5	23.5	13.7	7.6	4.4	2.1	0.0
50°	39.6	25.1	14.7	8.0	4.7	2.2	0.0
47.5°	41.6	26.3	15.5	8.4	5.0	2.3	0.0
45°	45.0	27.3	16.1	8.8	5.3	2.4	0.0
42.5°	47.8	27.9	16.6	9.2	5.5	2.5	0.0
40°	50.0	28.2	16.9	9.6	5.8	2.6	0.0
37.5°	51.7	28.2	17.0	10.1	6.0	2.7	0.0
35°	52.8	28.8	16.9	10.5	6.3	2.8	0.0
32.5°	53.0	29.6	16.7	10.9	6.5	2.9	0.0
30°	52.0	30.0	16.3	11.3	6.7	2.9	0.0
27.5°	50.6	30.0	16.7	11.7	6.9	3.0	0.0
25°	48.8	29.7	17.2	12.0	7.1	3.1	0.0
22.5°	46.6	29.6	17.7	12.3	7.2	3.1	0.0
20°	44.0	31.0	18.1	12.6	7.4	3.2	0.0
17.5°	43.5	32.3	18.5	12.8	7.5	3.2	0.0
15°	44.4	33.3	18.9	13.0	7.6	3.3	0.0
12.5°	45.2	34.2	19.2	13.2	7.7	3.3	0.0
10°	45.9	34.9	19.5	13.3	7.8	3.3	0.0
7.5°	46.5	35.5	19.8	13.5	7.8	3.4	0.0
5°	46.9	35.9	20.0	13.5	7.9	3.4	0.0
2.5°	47.3	36.1	20.2	13.6	7.9	3.4	0.0
0°	47.5	36.2	20.3	13.6	7.9	3.4	0.0
-2.5°	47.3	36.1	20.2	13.6	7.9	3.4	0.0
-5°	46.9	35.9	20.0	13.5	7.9	3.4	0.0
-7.5°	46.5	35.5	19.8	13.5	7.8	3.4	0.0
-10°	45.9	34.9	19.5	13.3	7.8	3.3	0.0
-12.5°	45.2	34.2	19.2	13.2	7.7	3.3	0.0
-15°	44.4	33.3	18.9	13.0	7.6	3.3	0.0
-17.5°	43.5	32.3	18.5	12.8	7.5	3.2	0.0
-20°	44.0	31.0	18.1	12.6	7.4	3.2	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	46.6	29.6	17.7	12.3	7.2	3.1	0.0
-25°	48.8	29.7	17.2	12.0	7.1	3.1	0.0
-27.5°	50.6	30.0	16.7	11.7	6.9	3.0	0.0
-30°	52.0	30.0	16.3	11.3	6.7	2.9	0.0
-32.5°	53.0	29.6	16.7	10.9	6.5	2.9	0.0
-35°	52.8	28.8	16.9	10.5	6.3	2.8	0.0
-37.5°	51.7	28.2	17.0	10.1	6.0	2.7	0.0
-40°	50.0	28.2	16.9	9.6	5.8	2.6	0.0
-42.5°	47.8	27.9	16.6	9.2	5.5	2.5	0.0
-45°	45.0	27.3	16.1	8.8	5.3	2.4	0.0
-47.5°	41.6	26.3	15.5	8.4	5.0	2.3	0.0
-50°	39.6	25.1	14.7	8.0	4.7	2.2	0.0
-52.5°	37.5	23.5	13.7	7.6	4.4	2.1	0.0
-55°	35.0	21.9	12.6	7.1	4.1	1.9	0.0
-57.5°	32.0	20.0	11.3	6.6	3.7	1.8	0.0
-60°	28.7	17.9	9.9	6.1	3.4	1.7	0.0
-62.5°	25.3	15.5	9.0	5.5	3.1	1.6	0.0
-65°	21.7	12.9	8.1	4.9	2.9	1.4	0.0
-67.5°	17.8	10.8	7.0	4.2	2.6	1.3	0.0
-70°	13.7	9.2	5.9	3.5	2.3	1.2	0.0
-72.5°	11.1	7.6	4.8	3.1	2.0	1.0	0.0
-75°	8.7	5.8	3.6	2.6	1.8	0.9	0.0
-77.5°	6.2	4.0	2.9	2.2	1.5	0.7	0.0
-80°	3.7	2.9	2.3	1.8	1.2	0.6	0.0
-82.5°	2.6	2.2	1.8	1.3	0.9	0.4	0.0
-85°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
-87.5°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)