

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: P559091 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-935-U-WR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559091 (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-SA5D-935-U-WR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6
Light Source: (80) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

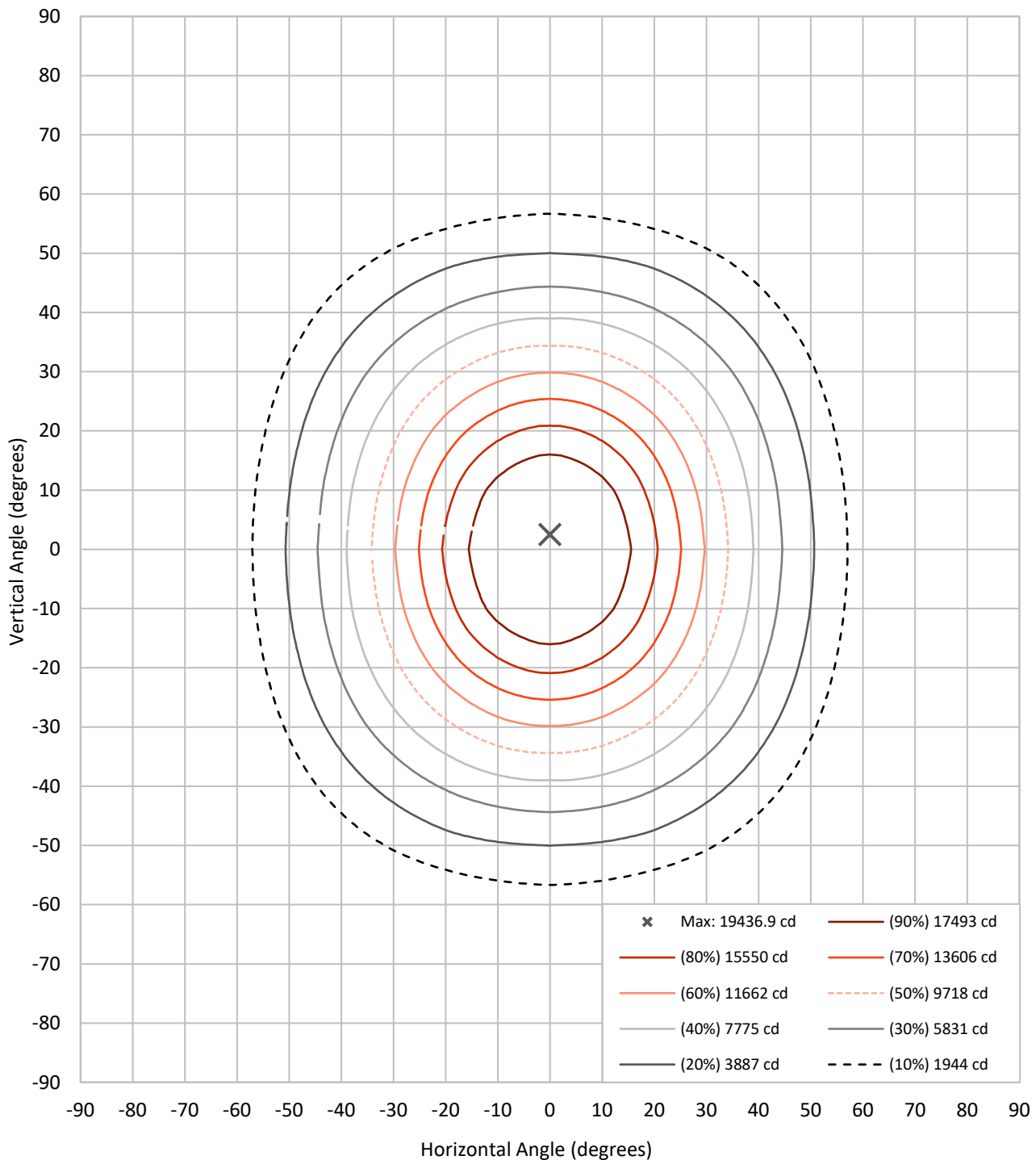
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	26306.1 lumens	Max Intensity:	19436.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	98.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	15772.4 lumens	Field Lumens:	25129.4 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 266
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: P559091 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





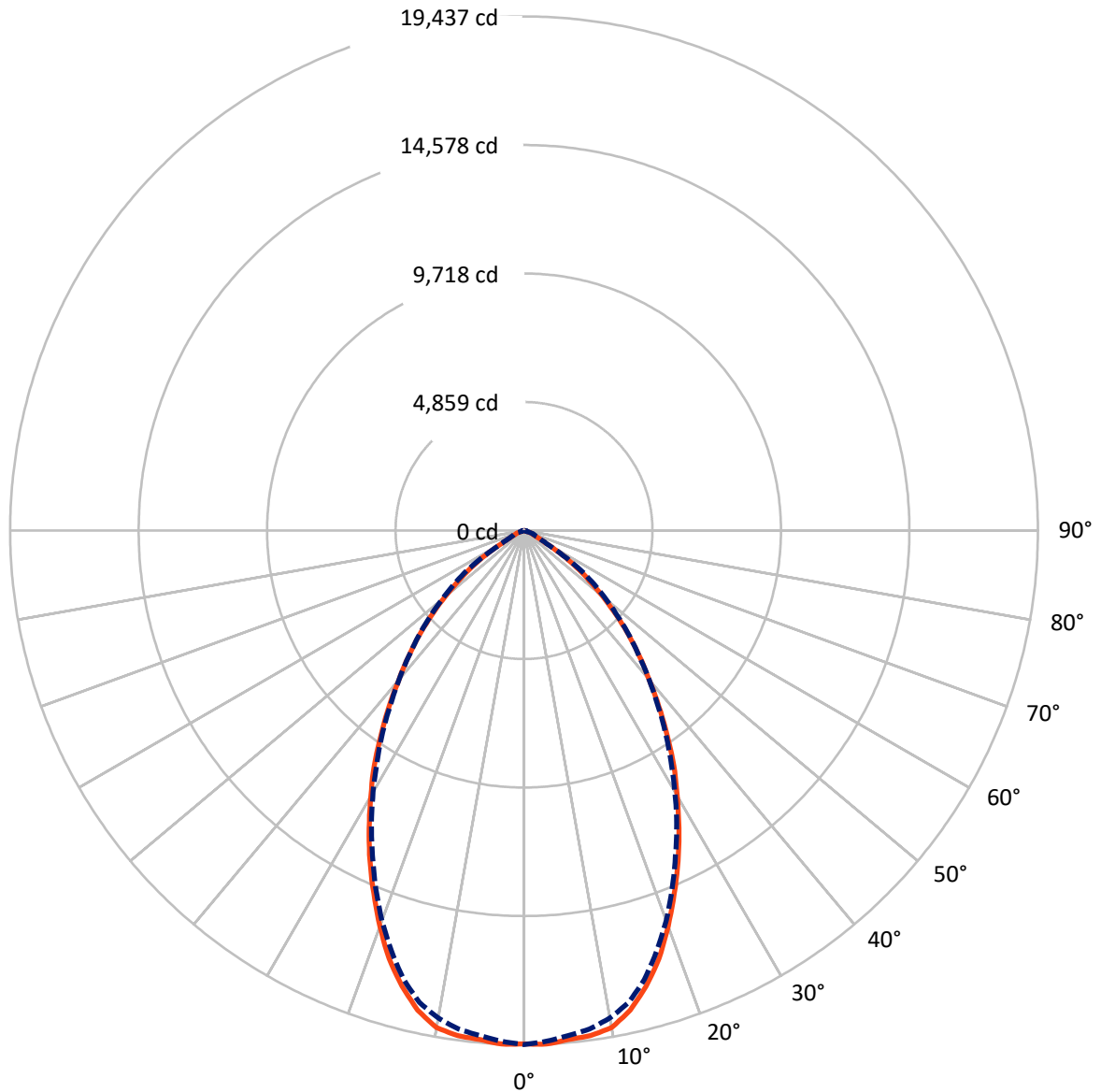
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Lumen Table

90																			
80	0.2	2.5		6.3		11.0		7.7		11.0		6.3		2.5		0.2			
70																			
60	1.2	1.8	3.5	5.6	8.1	10.6	13.1	14.7	14.7	13.1	10.6	8.1	5.6	3.5	1.8	1.2			
50		2.9	5.9	10.6	20.4	39.5	59.3	71.0	71.0	59.3	39.5	20.4	10.6	5.9	2.9				
40	2.1	3.8	8.6	25.2	66.3	110.3	146.7	167.2	167.2	146.7	110.3	66.3	25.2	8.6	3.8	2.1			
30		4.7	14.8	58.1	119.1	185.9	246.3	282.5	282.5	246.3	185.9	119.1	58.1	14.8	4.7				
20	2.2	5.6	26.9	87.8	168.9	264.3	353.3	409.3	409.3	353.3	264.3	168.9	87.8	26.9	5.6	2.2			
10		6.7	38.4	109.3	208.2	330.3	449.8	525.5	525.5	449.8	330.3	208.2	109.3	38.4	6.7				
0	2.3	7.2	44.9	120.8	230.3	369.1	505.3	577.6	577.6	505.3	369.1	230.3	120.8	44.9	7.2	2.3			
-10		7.2	44.9	120.8	230.3	369.1	505.3	577.6	577.6	505.3	369.1	230.3	120.8	44.9	7.2				
-20	2.2	6.7	38.4	109.3	208.2	330.3	449.8	525.5	525.5	449.8	330.3	208.2	109.3	38.4	6.7	2.2			
-30		5.6	26.9	87.8	168.9	264.3	353.3	409.3	409.3	353.3	264.3	168.9	87.8	26.9	5.6				
-40	2.1	4.7	14.8	58.1	119.1	185.9	246.3	282.5	282.5	246.3	185.9	119.1	58.1	14.8	4.7	2.1			
-50		3.8	8.6	25.2	66.3	110.3	146.7	167.2	167.2	146.7	110.3	66.3	25.2	8.6	3.8				
-60	1.2	2.9	5.9	10.6	20.4	39.5	59.3	71.0	71.0	59.3	39.5	20.4	10.6	5.9	2.9	1.2			
-70		1.8	3.5	5.6	8.1	10.6	13.1	14.7	14.7	13.1	10.6	8.1	5.6	3.5	1.8				
-80	0.2	2.5		6.3		11.0		7.7		11.0		6.3		2.5		0.2			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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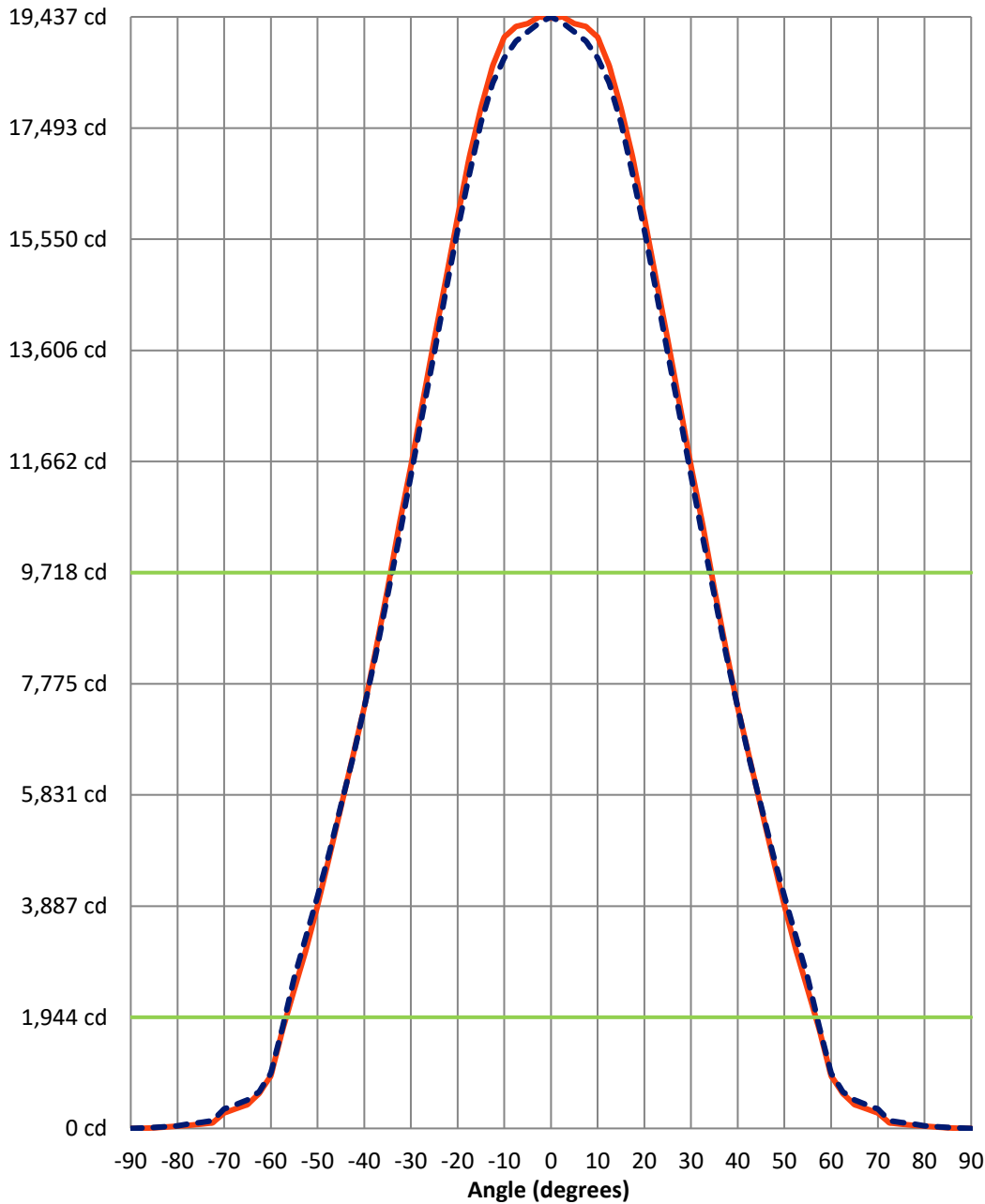
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 68°
V Angle: 68.7°
Lumens: 15772.4
Efficiency: 60.0%

Field:
H Angle: 114°
V Angle: 113.4°
Lumens: 25129.4
Efficiency: 95.5%

Spill:
Lumens: 1176.7
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	0.3	0.7	1.0	1.3	1.6	1.9	2.3	2.6	2.9	3.2
85°	0.0	0.7	1.3	2.0	2.6	3.2	3.9	4.5	5.1	5.7	6.3
82.5°	0.0	1.0	2.0	2.9	3.9	4.9	5.8	6.7	8.1	11.0	14.1
80°	0.0	1.3	2.6	3.9	5.2	6.5	8.2	12.0	16.1	20.2	24.5
77.5°	0.0	1.6	3.2	4.9	6.5	8.9	13.8	18.8	24.0	29.3	36.6
75°	0.0	1.9	3.9	5.8	8.0	12.9	19.2	25.6	32.4	43.3	54.1
72.5°	0.0	2.3	4.5	6.7	10.6	16.7	24.5	33.6	46.4	59.0	71.4
70°	0.0	2.6	5.1	7.8	13.1	20.4	30.2	45.7	60.2	74.6	95.0
67.5°	0.0	2.9	5.7	9.3	15.5	23.9	39.4	57.6	73.8	95.3	119.4
65°	0.0	3.2	6.3	10.7	17.8	28.6	48.0	69.4	90.5	115.2	142.5
62.5°	0.0	3.5	6.9	12.1	20.0	34.2	56.0	82.0	106.5	134.8	164.6
60°	0.0	3.7	7.5	13.4	22.0	39.4	63.3	94.5	121.7	155.9	186.9
57.5°	0.0	4.0	8.2	14.6	25.1	44.1	70.7	105.9	140.3	177.0	205.5
55°	0.0	4.3	9.0	15.7	27.9	48.3	77.2	114.6	159.7	196.8	222.4
52.5°	0.0	4.6	9.7	16.7	30.3	52.0	82.9	127.7	179.1	212.4	239.2
50°	0.0	4.8	10.3	17.6	32.5	55.4	87.6	139.8	196.7	227.8	256.9
47.5°	0.0	5.1	11.0	18.5	34.2	58.2	92.0	150.4	210.5	243.1	273.6
45°	0.0	5.3	11.6	19.5	35.6	60.2	99.4	159.4	216.4	256.9	289.2
42.5°	0.0	5.5	12.2	20.3	36.6	61.6	105.6	164.3	220.3	269.8	306.4
40°	0.0	5.7	12.8	21.2	37.2	62.3	110.6	166.3	222.6	280.6	323.5
37.5°	0.0	5.9	13.4	22.2	37.5	62.3	114.3	166.8	225.0	285.3	340.0
35°	0.0	6.1	13.9	23.2	37.4	63.7	116.8	165.9	227.3	295.8	356.4
32.5°	0.0	6.3	14.4	24.1	36.9	65.4	117.3	163.7	229.6	309.1	372.8
30°	0.0	6.5	14.8	25.0	36.0	66.3	115.1	161.3	231.8	325.0	388.3
27.5°	0.0	6.7	15.2	25.7	36.9	66.3	111.9	161.7	237.5	343.2	402.8
25°	0.0	6.8	15.6	26.5	38.0	65.6	107.8	161.8	249.8	357.6	416.6
22.5°	0.0	6.9	16.0	27.1	39.1	65.6	102.9	161.4	262.8	368.5	434.1
20°	0.0	7.0	16.3	27.7	40.0	68.6	97.2	160.6	276.2	378.5	449.7
17.5°	0.0	7.2	16.6	28.3	41.0	71.3	96.2	159.1	289.7	387.5	463.3
15°	0.0	7.2	16.8	28.7	41.8	73.7	98.1	158.2	302.8	395.3	475.0
12.5°	0.0	7.3	17.0	29.1	42.6	75.6	99.9	157.2	314.4	402.1	484.7
10°	0.0	7.4	17.2	29.4	43.3	77.2	101.4	154.1	324.0	407.3	492.0
7.5°	0.0	7.4	17.3	29.7	43.8	78.4	102.6	149.2	331.7	411.5	496.2
5°	0.0	7.5	17.4	29.9	44.3	79.3	103.7	142.8	337.2	414.7	498.4
2.5°	0.0	7.5	17.5	30.0	44.7	79.8	104.4	135.5	340.0	416.6	498.7
0°	0.0	7.5	17.5	30.0	45.0	80.0	104.9	127.4	339.8	417.3	497.2
-2.5°	0.0	7.5	17.5	30.0	44.7	79.8	104.4	135.5	340.0	416.6	498.7
-5°	0.0	7.5	17.4	29.9	44.3	79.3	103.7	142.8	337.2	414.7	498.4
-7.5°	0.0	7.4	17.3	29.7	43.8	78.4	102.6	149.2	331.7	411.5	496.2
-10°	0.0	7.4	17.2	29.4	43.3	77.2	101.4	154.1	324.0	407.3	492.0
-12.5°	0.0	7.3	17.0	29.1	42.6	75.6	99.9	157.2	314.4	402.1	484.7
-15°	0.0	7.2	16.8	28.7	41.8	73.7	98.1	158.2	302.8	395.3	475.0
-17.5°	0.0	7.2	16.6	28.3	41.0	71.3	96.2	159.1	289.7	387.5	463.3
-20°	0.0	7.0	16.3	27.7	40.0	68.6	97.2	160.6	276.2	378.5	449.7



REPORT NUMBER: P559091 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	6.9	16.0	27.1	39.1	65.6	102.9	161.4	262.8	368.5	434.1
-25°	0.0	6.8	15.6	26.5	38.0	65.6	107.8	161.8	249.8	357.6	416.6
-27.5°	0.0	6.7	15.2	25.7	36.9	66.3	111.9	161.7	237.5	343.2	402.8
-30°	0.0	6.5	14.8	25.0	36.0	66.3	115.1	161.3	231.8	325.0	388.3
-32.5°	0.0	6.3	14.4	24.1	36.9	65.4	117.3	163.7	229.6	309.1	372.8
-35°	0.0	6.1	13.9	23.2	37.4	63.7	116.8	165.9	227.3	295.8	356.4
-37.5°	0.0	5.9	13.4	22.2	37.5	62.3	114.3	166.8	225.0	285.3	340.0
-40°	0.0	5.7	12.8	21.2	37.2	62.3	110.6	166.3	222.6	280.6	323.5
-42.5°	0.0	5.5	12.2	20.3	36.6	61.6	105.6	164.3	220.3	269.8	306.4
-45°	0.0	5.3	11.6	19.5	35.6	60.2	99.4	159.4	216.4	256.9	289.2
-47.5°	0.0	5.1	11.0	18.5	34.2	58.2	92.0	150.4	210.5	243.1	273.6
-50°	0.0	4.8	10.3	17.6	32.5	55.4	87.6	139.8	196.7	227.8	256.9
-52.5°	0.0	4.6	9.7	16.7	30.3	52.0	82.9	127.7	179.1	212.4	239.2
-55°	0.0	4.3	9.0	15.7	27.9	48.3	77.2	114.6	159.7	196.8	222.4
-57.5°	0.0	4.0	8.2	14.6	25.1	44.1	70.7	105.9	140.3	177.0	205.5
-60°	0.0	3.7	7.5	13.4	22.0	39.4	63.3	94.5	121.7	155.9	186.9
-62.5°	0.0	3.5	6.9	12.1	20.0	34.2	56.0	82.0	106.5	134.8	164.6
-65°	0.0	3.2	6.3	10.7	17.8	28.6	48.0	69.4	90.5	115.2	142.5
-67.5°	0.0	2.9	5.7	9.3	15.5	23.9	39.4	57.6	73.8	95.3	119.4
-70°	0.0	2.6	5.1	7.8	13.1	20.4	30.2	45.7	60.2	74.6	95.0
-72.5°	0.0	2.3	4.5	6.7	10.6	16.7	24.5	33.6	46.4	59.0	71.4
-75°	0.0	1.9	3.9	5.8	8.0	12.9	19.2	25.6	32.4	43.3	54.1
-77.5°	0.0	1.6	3.2	4.9	6.5	8.9	13.8	18.8	24.0	29.3	36.6
-80°	0.0	1.3	2.6	3.9	5.2	6.5	8.2	12.0	16.1	20.2	24.5
-82.5°	0.0	1.0	2.0	2.9	3.9	4.9	5.8	6.7	8.1	11.0	14.1
-85°	0.0	0.7	1.3	2.0	2.6	3.2	3.9	4.5	5.1	5.7	6.3
-87.5°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.3	2.6	2.9	3.2
-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-SA5D-935-U-WR-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°	3.2	3.1	3.0	2.9	3.0	3.2	3.4	3.5	3.2	2.9	2.5
85°	6.4	6.3	7.1	7.6	8.4	8.9	9.2	9.2	10.3	11.7	13.3
82.5°	15.8	16.9	17.6	17.7	18.0	17.9	17.7	17.6	21.7	26.9	32.8
80°	26.6	27.7	31.9	36.5	38.8	38.8	36.7	32.7	38.8	48.5	60.2
77.5°	43.4	49.8	56.5	63.4	64.7	61.4	56.0	48.6	57.3	74.5	94.0
75°	63.1	71.8	81.6	88.9	89.0	83.6	76.6	75.2	89.8	110.6	127.8
72.5°	86.2	98.9	108.4	114.6	114.1	113.2	116.0	122.1	134.1	149.3	162.6
70°	114.1	126.8	133.8	137.1	138.3	145.3	155.6	163.4	171.9	186.9	200.9
67.5°	141.8	151.6	157.7	162.0	173.7	187.0	197.3	206.8	217.3	232.7	245.4
65°	166.5	176.5	185.2	198.2	215.2	227.8	240.1	252.9	271.1	288.3	298.7
62.5°	190.7	201.2	214.5	232.2	250.6	266.6	286.7	309.4	333.1	350.8	371.0
60°	209.4	224.5	243.3	264.2	286.1	312.3	338.1	364.7	389.0	412.7	442.4
57.5°	227.2	248.9	272.3	297.0	326.1	358.7	390.2	418.9	449.5	482.4	515.9
55°	246.7	275.1	301.1	330.5	366.1	407.5	442.5	476.4	513.0	568.4	616.8
52.5°	268.1	299.5	329.0	364.9	409.0	453.3	493.1	540.6	601.7	684.1	817.7
50°	288.2	322.0	356.5	402.9	450.6	497.2	554.8	621.0	743.5	897.1	1166.0
47.5°	308.2	344.0	389.7	439.9	491.8	553.3	626.2	771.2	938.2	1320.6	1701.7
45°	328.1	370.7	421.1	478.0	539.9	617.2	768.7	947.5	1401.7	1841.7	2299.9
42.5°	347.6	397.4	455.0	515.6	596.6	736.3	931.6	1403.6	1895.4	2400.7	2840.6
40°	369.6	422.3	489.0	565.9	672.9	885.0	1323.4	1854.8	2409.2	2886.5	3314.5
37.5°	390.4	452.7	525.1	614.7	807.0	1161.2	1725.9	2315.4	2852.3	3318.6	3775.8
35°	409.5	482.1	568.5	702.7	938.4	1522.1	2134.4	2733.9	3246.9	3744.9	4245.0
32.5°	431.8	510.5	610.2	819.4	1239.9	1870.6	2522.1	3093.3	3630.6	4161.6	4732.8
30°	456.5	545.9	668.2	930.7	1538.5	2209.2	2854.7	3438.2	3995.3	4585.0	5196.7
27.5°	479.8	579.9	764.3	1146.4	1819.3	2525.3	3157.2	3757.7	4355.7	4983.6	5642.3
25°	500.9	612.3	854.4	1383.1	2090.4	2795.1	3435.5	4046.7	4692.3	5374.8	6067.9
22.5°	523.7	643.8	935.7	1598.5	2338.3	3035.2	3681.4	4329.3	5012.7	5736.1	6459.0
20°	548.3	711.1	1069.4	1797.5	2563.6	3253.3	3902.1	4591.9	5312.5	6061.7	6825.3
17.5°	570.8	770.7	1229.2	1986.3	2753.1	3443.0	4100.6	4829.8	5573.2	6356.4	7160.7
15°	590.9	822.2	1370.0	2153.3	2913.9	3604.1	4294.3	5040.9	5804.9	6620.6	7456.1
12.5°	608.6	865.8	1491.0	2297.6	3049.5	3741.9	4457.1	5218.9	6011.4	6851.7	7722.2
10°	623.7	901.4	1591.6	2418.4	3159.9	3855.6	4587.7	5367.1	6175.7	7037.7	7936.8
7.5°	633.4	930.6	1671.2	2514.8	3245.0	3944.6	4686.2	5483.9	6296.0	7182.9	8099.2
5°	639.5	954.5	1728.7	2586.1	3307.0	4011.7	4757.2	5567.8	6373.2	7284.8	8208.4
2.5°	642.5	971.0	1763.8	2631.7	3345.9	4058.8	4816.0	5641.3	6454.4	7357.4	8292.9
0°	642.2	979.5	1776.5	2651.1	3360.7	4080.3	4844.9	5679.4	6506.5	7388.5	8350.5
-2.5°	642.5	971.0	1763.8	2631.7	3345.9	4058.8	4816.0	5641.3	6454.4	7357.4	8292.9
-5°	639.5	954.5	1728.7	2586.1	3307.0	4011.7	4757.2	5567.8	6373.2	7284.8	8208.4
-7.5°	633.4	930.6	1671.2	2514.8	3245.0	3944.6	4686.2	5483.9	6296.0	7182.9	8099.2
-10°	623.7	901.4	1591.6	2418.4	3159.9	3855.6	4587.7	5367.1	6175.7	7037.7	7936.8
-12.5°	608.6	865.8	1491.0	2297.6	3049.5	3741.9	4457.1	5218.9	6011.4	6851.7	7722.2
-15°	590.9	822.2	1370.0	2153.3	2913.9	3604.1	4294.3	5040.9	5804.9	6620.6	7456.1
-17.5°	570.8	770.7	1229.2	1986.3	2753.1	3443.0	4100.6	4829.8	5573.2	6356.4	7160.7
-20°	548.3	711.1	1069.4	1797.5	2563.6	3253.3	3902.1	4591.9	5312.5	6061.7	6825.3



REPORT NUMBER: P559091 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-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°	523.7	643.8	935.7	1598.5	2338.3	3035.2	3681.4	4329.3	5012.7	5736.1	6459.0
-25°	500.9	612.3	854.4	1383.1	2090.4	2795.1	3435.5	4046.7	4692.3	5374.8	6067.9
-27.5°	479.8	579.9	764.3	1146.4	1819.3	2525.3	3157.2	3757.7	4355.7	4983.6	5642.3
-30°	456.5	545.9	668.2	930.7	1538.5	2209.2	2854.7	3438.2	3995.3	4585.0	5196.7
-32.5°	431.8	510.5	610.2	819.4	1239.9	1870.6	2522.1	3093.3	3630.6	4161.6	4732.8
-35°	409.5	482.1	568.5	702.7	938.4	1522.1	2134.4	2733.9	3246.9	3744.9	4245.0
-37.5°	390.4	452.7	525.1	614.7	807.0	1161.2	1725.9	2315.4	2852.3	3318.6	3775.8
-40°	369.6	422.3	489.0	565.9	672.9	885.0	1323.4	1854.8	2409.2	2886.5	3314.5
-42.5°	347.6	397.4	455.0	515.6	596.6	736.3	931.6	1403.6	1895.4	2400.7	2840.6
-45°	328.1	370.7	421.1	478.0	539.9	617.2	768.7	947.5	1401.7	1841.7	2299.9
-47.5°	308.2	344.0	389.7	439.9	491.8	553.3	626.2	771.2	938.2	1320.6	1701.7
-50°	288.2	322.0	356.5	402.9	450.6	497.2	554.8	621.0	743.5	897.1	1166.0
-52.5°	268.1	299.5	329.0	364.9	409.0	453.3	493.1	540.6	601.7	684.1	817.7
-55°	246.7	275.1	301.1	330.5	366.1	407.5	442.5	476.4	513.0	568.4	616.8
-57.5°	227.2	248.9	272.3	297.0	326.1	358.7	390.2	418.9	449.5	482.4	515.9
-60°	209.4	224.5	243.3	264.2	286.1	312.3	338.1	364.7	389.0	412.7	442.4
-62.5°	190.7	201.2	214.5	232.2	250.6	266.6	286.7	309.4	333.1	350.8	371.0
-65°	166.5	176.5	185.2	198.2	215.2	227.8	240.1	252.9	271.1	288.3	298.7
-67.5°	141.8	151.6	157.7	162.0	173.7	187.0	197.3	206.8	217.3	232.7	245.4
-70°	114.1	126.8	133.8	137.1	138.3	145.3	155.6	163.4	171.9	186.9	200.9
-72.5°	86.2	98.9	108.4	114.6	114.1	113.2	116.0	122.1	134.1	149.3	162.6
-75°	63.1	71.8	81.6	88.9	89.0	83.6	76.6	75.2	89.8	110.6	127.8
-77.5°	43.4	49.8	56.5	63.4	64.7	61.4	56.0	48.6	57.3	74.5	94.0
-80°	26.6	27.7	31.9	36.5	38.8	38.8	36.7	32.7	38.8	48.5	60.2
-82.5°	15.8	16.9	17.6	17.7	18.0	17.9	17.7	17.6	21.7	26.9	32.8
-85°	6.4	6.3	7.1	7.6	8.4	8.9	9.2	9.2	10.3	11.7	13.3
-87.5°	3.2	3.1	3.0	2.9	3.0	3.2	3.4	3.5	3.2	2.9	2.5
-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: P559091 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-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°	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.5
85°	15.2	15.0	14.4	13.7	12.7	13.1	13.5	13.8	14.1	13.2	12.2
82.5°	39.2	42.1	44.8	47.8	50.8	50.4	49.0	46.9	44.4	39.5	34.2
80°	73.5	80.3	84.9	88.6	91.5	88.7	84.4	79.5	74.0	65.7	56.7
77.5°	114.0	120.9	124.5	128.8	133.6	134.5	134.8	135.2	135.8	120.5	101.0
75°	141.5	150.7	158.2	164.9	170.7	173.7	175.6	177.5	179.2	159.0	132.3
72.5°	174.0	182.9	190.1	197.3	203.7	208.6	212.3	215.4	217.9	201.4	178.2
70°	212.0	220.9	229.1	236.5	243.8	250.4	256.3	261.9	266.9	267.8	269.0
67.5°	254.8	260.1	269.9	279.2	290.5	298.6	307.8	316.4	324.2	331.0	336.5
65°	307.8	326.7	345.8	355.2	355.9	367.9	386.5	396.9	400.0	402.3	408.2
62.5°	396.9	421.2	434.0	450.7	473.7	498.8	508.4	522.2	539.0	558.0	575.2
60°	467.6	488.3	519.2	550.7	578.7	604.1	665.7	720.4	767.2	807.6	846.4
57.5°	555.4	589.6	636.9	722.1	799.9	870.3	990.8	1137.8	1268.8	1383.5	1484.2
55°	695.3	794.9	884.5	1085.6	1300.4	1486.4	1660.5	1846.6	1998.2	2116.7	2226.3
52.5°	933.9	1207.7	1485.3	1746.4	2003.1	2236.7	2446.4	2611.4	2740.2	2836.9	2928.5
50°	1495.1	1825.1	2163.2	2474.6	2726.8	2957.1	3175.4	3339.1	3476.0	3593.9	3698.3
47.5°	2106.9	2493.2	2812.7	3099.9	3371.7	3627.3	3866.0	4065.2	4233.9	4389.5	4519.1
45°	2715.7	3061.3	3388.9	3696.9	3992.6	4279.2	4536.0	4762.6	4985.8	5170.3	5316.2
42.5°	3230.6	3596.4	3944.9	4297.4	4628.0	4949.4	5259.7	5535.3	5772.4	5974.0	6136.2
40°	3724.7	4119.1	4533.0	4924.4	5317.0	5683.7	6027.4	6342.1	6612.1	6850.9	7052.8
37.5°	4227.6	4688.1	5142.9	5588.9	6021.5	6420.3	6814.8	7177.8	7494.3	7773.5	8008.1
35°	4758.3	5265.8	5760.8	6263.3	6735.7	7197.3	7633.3	8032.9	8383.4	8712.4	8995.2
32.5°	5290.0	5840.0	6397.2	6941.0	7464.3	7981.3	8459.5	8909.9	9324.2	9688.4	9990.3
30°	5807.8	6413.2	7009.4	7601.9	8199.2	8762.4	9292.1	9786.8	10236.4	10633.1	10976.1
27.5°	6304.5	6955.4	7594.8	8272.5	8921.5	9534.2	10109.7	10641.6	11143.4	11594.5	11983.9
25°	6764.2	7455.6	8200.9	8911.6	9606.1	10285.6	10916.2	11493.9	12067.6	12564.0	12986.7
22.5°	7198.4	7970.0	8754.7	9500.1	10266.4	11013.6	11719.4	12388.9	13001.7	13521.8	13972.6
20°	7611.4	8441.7	9250.3	10075.6	10905.4	11711.5	12488.7	13204.2	13851.7	14418.4	14926.8
17.5°	8001.5	8860.6	9719.9	10601.2	11497.3	12344.7	13168.2	13946.6	14653.4	15282.2	15855.4
15°	8338.8	9226.7	10146.7	11083.4	12020.7	12921.7	13795.6	14643.7	15438.8	16123.3	16701.3
12.5°	8625.6	9550.4	10523.7	11506.4	12494.5	13439.0	14365.3	15272.7	16118.0	16853.9	17447.3
10°	8863.4	9832.4	10849.0	11872.6	12886.0	13867.4	14830.8	15769.7	16677.6	17440.3	18049.8
7.5°	9061.6	10067.8	11107.9	12162.4	13185.0	14204.1	15208.9	16157.3	17051.8	17856.0	18482.4
5°	9209.7	10232.7	11294.8	12375.6	13413.7	14469.3	15503.9	16474.5	17360.1	18088.9	18600.2
2.5°	9319.9	10335.4	11416.1	12504.1	13556.0	14649.6	15706.2	16677.9	17584.2	18274.0	18716.8
0°	9394.9	10391.8	11526.2	12593.1	13662.6	14784.4	15828.9	16810.8	17720.3	18395.0	18852.2
-2.5°	9319.9	10335.4	11416.1	12504.1	13556.0	14649.6	15706.2	16677.9	17584.2	18274.0	18716.8
-5°	9209.7	10232.7	11294.8	12375.6	13413.7	14469.3	15503.9	16474.5	17360.1	18088.9	18600.2
-7.5°	9061.6	10067.8	11107.9	12162.4	13185.0	14204.1	15208.9	16157.3	17051.8	17856.0	18482.4
-10°	8863.4	9832.4	10849.0	11872.6	12886.0	13867.4	14830.8	15769.7	16677.6	17440.3	18049.8
-12.5°	8625.6	9550.4	10523.7	11506.4	12494.5	13439.0	14365.3	15272.7	16118.0	16853.9	17447.3
-15°	8338.8	9226.7	10146.7	11083.4	12020.7	12921.7	13795.6	14643.7	15438.8	16123.3	16701.3
-17.5°	8001.5	8860.6	9719.9	10601.2	11497.3	12344.7	13168.2	13946.6	14653.4	15282.2	15855.4
-20°	7611.4	8441.7	9250.3	10075.6	10905.4	11711.5	12488.7	13204.2	13851.7	14418.4	14926.8



REPORT NUMBER: P559091 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-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°	7198.4	7970.0	8754.7	9500.1	10266.4	11013.6	11719.4	12388.9	13001.7	13521.8	13972.6
-25°	6764.2	7455.6	8200.9	8911.6	9606.1	10285.6	10916.2	11493.9	12067.6	12564.0	12986.7
-27.5°	6304.5	6955.4	7594.8	8272.5	8921.5	9534.2	10109.7	10641.6	11143.4	11594.5	11983.9
-30°	5807.8	6413.2	7009.4	7601.9	8199.2	8762.4	9292.1	9786.8	10236.4	10633.1	10976.1
-32.5°	5290.0	5840.0	6397.2	6941.0	7464.3	7981.3	8459.5	8909.9	9324.2	9688.4	9990.3
-35°	4758.3	5265.8	5760.8	6263.3	6735.7	7197.3	7633.3	8032.9	8383.4	8712.4	8995.2
-37.5°	4227.6	4688.1	5142.9	5588.9	6021.5	6420.3	6814.8	7177.8	7494.3	7773.5	8008.1
-40°	3724.7	4119.1	4533.0	4924.4	5317.0	5683.7	6027.4	6342.1	6612.1	6850.9	7052.8
-42.5°	3230.6	3596.4	3944.9	4297.4	4628.0	4949.4	5259.7	5535.3	5772.4	5974.0	6136.2
-45°	2715.7	3061.3	3388.9	3696.9	3992.6	4279.2	4536.0	4762.6	4985.8	5170.3	5316.2
-47.5°	2106.9	2493.2	2812.7	3099.9	3371.7	3627.3	3866.0	4065.2	4233.9	4389.5	4519.1
-50°	1495.1	1825.1	2163.2	2474.6	2726.8	2957.1	3175.4	3339.1	3476.0	3593.9	3698.3
-52.5°	933.9	1207.7	1485.3	1746.4	2003.1	2236.7	2446.4	2611.4	2740.2	2836.9	2928.5
-55°	695.3	794.9	884.5	1085.6	1300.4	1486.4	1660.5	1846.6	1998.2	2116.7	2226.3
-57.5°	555.4	589.6	636.9	722.1	799.9	870.3	990.8	1137.8	1268.8	1383.5	1484.2
-60°	467.6	488.3	519.2	550.7	578.7	604.1	665.7	720.4	767.2	807.6	846.4
-62.5°	396.9	421.2	434.0	450.7	473.7	498.8	508.4	522.2	539.0	558.0	575.2
-65°	307.8	326.7	345.8	355.2	355.9	367.9	386.5	396.9	400.0	402.3	408.2
-67.5°	254.8	260.1	269.9	279.2	290.5	298.6	307.8	316.4	324.2	331.0	336.5
-70°	212.0	220.9	229.1	236.5	243.8	250.4	256.3	261.9	266.9	267.8	269.0
-72.5°	174.0	182.9	190.1	197.3	203.7	208.6	212.3	215.4	217.9	201.4	178.2
-75°	141.5	150.7	158.2	164.9	170.7	173.7	175.6	177.5	179.2	159.0	132.3
-77.5°	114.0	120.9	124.5	128.8	133.6	134.5	134.8	135.2	135.8	120.5	101.0
-80°	73.5	80.3	84.9	88.6	91.5	88.7	84.4	79.5	74.0	65.7	56.7
-82.5°	39.2	42.1	44.8	47.8	50.8	50.4	49.0	46.9	44.4	39.5	34.2
-85°	15.2	15.0	14.4	13.7	12.7	13.1	13.5	13.8	14.1	13.2	12.2
-87.5°	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.5
-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: P559091 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-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°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4
85°	11.1	10.0	10.0	10.0	10.0	10.0	11.1	12.2	13.2	14.1	13.8
82.5°	28.5	22.5	23.7	25.0	23.7	22.5	28.5	34.2	39.5	44.4	46.9
80°	47.3	37.6	38.7	40.0	38.7	37.6	47.3	56.7	65.7	74.0	79.5
77.5°	80.1	58.2	56.2	55.0	56.2	58.2	80.1	101.0	120.5	135.8	135.2
75°	104.8	76.6	74.9	75.0	74.9	76.6	104.8	132.3	159.0	179.2	177.5
72.5°	154.7	130.8	114.2	97.4	114.2	130.8	154.7	178.2	201.4	217.9	215.4
70°	271.9	275.2	273.9	269.9	273.9	275.2	271.9	269.0	267.8	266.9	261.9
67.5°	341.2	344.8	345.5	344.8	345.5	344.8	341.2	336.5	331.0	324.2	316.4
65°	412.3	414.7	416.6	417.3	416.6	414.7	412.3	408.2	402.3	400.0	396.9
62.5°	588.1	596.7	605.8	612.2	605.8	596.7	588.1	575.2	558.0	539.0	522.2
60°	880.4	908.4	920.9	922.0	920.9	908.4	880.4	846.4	807.6	767.2	720.4
57.5°	1564.8	1625.1	1678.8	1719.1	1678.8	1625.1	1564.8	1484.2	1383.5	1268.8	1137.8
55°	2313.6	2377.8	2414.0	2423.7	2414.0	2377.8	2313.6	2226.3	2116.7	1998.2	1846.6
52.5°	2997.9	3040.6	3081.0	3115.8	3081.0	3040.6	2997.9	2928.5	2836.9	2740.2	2611.4
50°	3777.1	3824.6	3864.7	3895.4	3864.7	3824.6	3777.1	3698.3	3593.9	3476.0	3339.1
47.5°	4610.0	4668.2	4711.1	4739.9	4711.1	4668.2	4610.0	4519.1	4389.5	4233.9	4065.2
45°	5441.1	5540.7	5601.3	5611.9	5601.3	5540.7	5441.1	5316.2	5170.3	4985.8	4762.6
42.5°	6276.5	6372.0	6436.4	6484.0	6436.4	6372.0	6276.5	6136.2	5974.0	5772.4	5535.3
40°	7221.2	7341.1	7396.0	7361.0	7396.0	7341.1	7221.2	7052.8	6850.9	6612.1	6342.1
37.5°	8189.0	8312.3	8375.9	8372.9	8375.9	8312.3	8189.0	8008.1	7773.5	7494.3	7177.8
35°	9215.1	9367.9	9450.7	9429.9	9450.7	9367.9	9215.1	8995.2	8712.4	8383.4	8032.9
32.5°	10231.6	10416.3	10535.7	10554.2	10535.7	10416.3	10231.6	9990.3	9688.4	9324.2	8909.9
30°	11251.2	11450.9	11569.6	11581.2	11569.6	11450.9	11251.2	10976.1	10633.1	10236.4	9786.8
27.5°	12310.7	12534.2	12658.4	12688.1	12658.4	12534.2	12310.7	11983.9	11594.5	11143.4	10641.6
25°	13347.3	13595.3	13737.9	13792.5	13737.9	13595.3	13347.3	12986.7	12564.0	12067.6	11493.9
22.5°	14346.8	14618.8	14804.6	14851.9	14804.6	14618.8	14346.8	13972.6	13521.8	13001.7	12388.9
20°	15349.3	15670.3	15907.9	15931.3	15907.9	15670.3	15349.3	14926.8	14418.4	13851.7	13204.2
17.5°	16314.5	16661.9	16916.1	16978.2	16916.1	16661.9	16314.5	15855.4	15282.2	14653.4	13946.6
15°	17178.7	17543.2	17788.8	17842.8	17788.8	17543.2	17178.7	16701.3	16123.3	15438.8	14643.7
12.5°	17924.4	18260.5	18489.7	18577.4	18489.7	18260.5	17924.4	17447.3	16853.9	16118.0	15272.7
10°	18525.2	18784.7	18989.6	19082.1	18989.6	18784.7	18525.2	18049.8	17440.3	16677.6	15769.7
7.5°	18860.6	19074.1	19216.0	19267.0	19216.0	19074.1	18860.6	18482.4	17856.0	17051.8	16157.3
5°	18993.1	19197.7	19274.6	19319.5	19274.6	19197.7	18993.1	18600.2	18088.9	17360.1	16474.5
2.5°	19011.1	19175.0	19333.0	19436.9	19333.0	19175.0	19011.1	18716.8	18274.0	17584.2	16677.9
0°	19117.1	19277.0	19364.4	19414.4	19364.4	19277.0	19117.1	18852.2	18395.0	17720.3	16810.8
-2.5°	19011.1	19175.0	19333.0	19436.9	19333.0	19175.0	19011.1	18716.8	18274.0	17584.2	16677.9
-5°	18993.1	19197.7	19274.6	19319.5	19274.6	19197.7	18993.1	18600.2	18088.9	17360.1	16474.5
-7.5°	18860.6	19074.1	19216.0	19267.0	19216.0	19074.1	18860.6	18482.4	17856.0	17051.8	16157.3
-10°	18525.2	18784.7	18989.6	19082.1	18989.6	18784.7	18525.2	18049.8	17440.3	16677.6	15769.7
-12.5°	17924.4	18260.5	18489.7	18577.4	18489.7	18260.5	17924.4	17447.3	16853.9	16118.0	15272.7
-15°	17178.7	17543.2	17788.8	17842.8	17788.8	17543.2	17178.7	16701.3	16123.3	15438.8	14643.7
-17.5°	16314.5	16661.9	16916.1	16978.2	16916.1	16661.9	16314.5	15855.4	15282.2	14653.4	13946.6
-20°	15349.3	15670.3	15907.9	15931.3	15907.9	15670.3	15349.3	14926.8	14418.4	13851.7	13204.2



REPORT NUMBER: P559091 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-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°	14346.8	14618.8	14804.6	14851.9	14804.6	14618.8	14346.8	13972.6	13521.8	13001.7	12388.9
-25°	13347.3	13595.3	13737.9	13792.5	13737.9	13595.3	13347.3	12986.7	12564.0	12067.6	11493.9
-27.5°	12310.7	12534.2	12658.4	12688.1	12658.4	12534.2	12310.7	11983.9	11594.5	11143.4	10641.6
-30°	11251.2	11450.9	11569.6	11581.2	11569.6	11450.9	11251.2	10976.1	10633.1	10236.4	9786.8
-32.5°	10231.6	10416.3	10535.7	10554.2	10535.7	10416.3	10231.6	9990.3	9688.4	9324.2	8909.9
-35°	9215.1	9367.9	9450.7	9429.9	9450.7	9367.9	9215.1	8995.2	8712.4	8383.4	8032.9
-37.5°	8189.0	8312.3	8375.9	8372.9	8375.9	8312.3	8189.0	8008.1	7773.5	7494.3	7177.8
-40°	7221.2	7341.1	7396.0	7361.0	7396.0	7341.1	7221.2	7052.8	6850.9	6612.1	6342.1
-42.5°	6276.5	6372.0	6436.4	6484.0	6436.4	6372.0	6276.5	6136.2	5974.0	5772.4	5535.3
-45°	5441.1	5540.7	5601.3	5611.9	5601.3	5540.7	5441.1	5316.2	5170.3	4985.8	4762.6
-47.5°	4610.0	4668.2	4711.1	4739.9	4711.1	4668.2	4610.0	4519.1	4389.5	4233.9	4065.2
-50°	3777.1	3824.6	3864.7	3895.4	3864.7	3824.6	3777.1	3698.3	3593.9	3476.0	3339.1
-52.5°	2997.9	3040.6	3081.0	3115.8	3081.0	3040.6	2997.9	2928.5	2836.9	2740.2	2611.4
-55°	2313.6	2377.8	2414.0	2423.7	2414.0	2377.8	2313.6	2226.3	2116.7	1998.2	1846.6
-57.5°	1564.8	1625.1	1678.8	1719.1	1678.8	1625.1	1564.8	1484.2	1383.5	1268.8	1137.8
-60°	880.4	908.4	920.9	922.0	920.9	908.4	880.4	846.4	807.6	767.2	720.4
-62.5°	588.1	596.7	605.8	612.2	605.8	596.7	588.1	575.2	558.0	539.0	522.2
-65°	412.3	414.7	416.6	417.3	416.6	414.7	412.3	408.2	402.3	400.0	396.9
-67.5°	341.2	344.8	345.5	344.8	345.5	344.8	341.2	336.5	331.0	324.2	316.4
-70°	271.9	275.2	273.9	269.9	273.9	275.2	271.9	269.0	267.8	266.9	261.9
-72.5°	154.7	130.8	114.2	97.4	114.2	130.8	154.7	178.2	201.4	217.9	215.4
-75°	104.8	76.6	74.9	75.0	74.9	76.6	104.8	132.3	159.0	179.2	177.5
-77.5°	80.1	58.2	56.2	55.0	56.2	58.2	80.1	101.0	120.5	135.8	135.2
-80°	47.3	37.6	38.7	40.0	38.7	37.6	47.3	56.7	65.7	74.0	79.5
-82.5°	28.5	22.5	23.7	25.0	23.7	22.5	28.5	34.2	39.5	44.4	46.9
-85°	11.1	10.0	10.0	10.0	10.0	10.0	11.1	12.2	13.2	14.1	13.8
-87.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.4
-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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 CATALOG NUMBER: GFLD-SA5D-935-U-WR-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°	2.3	2.3	2.3	2.2	2.2	2.1	2.1	2.5	2.9	3.2	3.5
85°	13.5	13.1	12.7	13.7	14.4	15.0	15.2	13.3	11.7	10.3	9.2
82.5°	49.0	50.4	50.8	47.8	44.8	42.1	39.2	32.8	26.9	21.7	17.6
80°	84.4	88.7	91.5	88.6	84.9	80.3	73.5	60.2	48.5	38.8	32.7
77.5°	134.8	134.5	133.6	128.8	124.5	120.9	114.0	94.0	74.5	57.3	48.6
75°	175.6	173.7	170.7	164.9	158.2	150.7	141.5	127.8	110.6	89.8	75.2
72.5°	212.3	208.6	203.7	197.3	190.1	182.9	174.0	162.6	149.3	134.1	122.1
70°	256.3	250.4	243.8	236.5	229.1	220.9	212.0	200.9	186.9	171.9	163.4
67.5°	307.8	298.6	290.5	279.2	269.9	260.1	254.8	245.4	232.7	217.3	206.8
65°	386.5	367.9	355.9	355.2	345.8	326.7	307.8	298.7	288.3	271.1	252.9
62.5°	508.4	498.8	473.7	450.7	434.0	421.2	396.9	371.0	350.8	333.1	309.4
60°	665.7	604.1	578.7	550.7	519.2	488.3	467.6	442.4	412.7	389.0	364.7
57.5°	990.8	870.3	799.9	722.1	636.9	589.6	555.4	515.9	482.4	449.5	418.9
55°	1660.5	1486.4	1300.4	1085.6	884.5	794.9	695.3	616.8	568.4	513.0	476.4
52.5°	2446.4	2236.7	2003.1	1746.4	1485.3	1207.7	933.9	817.7	684.1	601.7	540.6
50°	3175.4	2957.1	2726.8	2474.6	2163.2	1825.1	1495.1	1166.0	897.1	743.5	621.0
47.5°	3866.0	3627.3	3371.7	3099.9	2812.7	2493.2	2106.9	1701.7	1320.6	938.2	771.2
45°	4536.0	4279.2	3992.6	3696.9	3388.9	3061.3	2715.7	2299.9	1841.7	1401.7	947.5
42.5°	5259.7	4949.4	4628.0	4297.4	3944.9	3596.4	3230.6	2840.6	2400.7	1895.4	1403.6
40°	6027.4	5683.7	5317.0	4924.4	4533.0	4119.1	3724.7	3314.5	2886.5	2409.2	1854.8
37.5°	6814.8	6420.3	6021.5	5588.9	5142.9	4688.1	4227.6	3775.8	3318.6	2852.3	2315.4
35°	7633.3	7197.3	6735.7	6263.3	5760.8	5265.8	4758.3	4245.0	3744.9	3246.9	2733.9
32.5°	8459.5	7981.3	7464.3	6941.0	6397.2	5840.0	5290.0	4732.8	4161.6	3630.6	3093.3
30°	9292.1	8762.4	8199.2	7601.9	7009.4	6413.2	5807.8	5196.7	4585.0	3995.3	3438.2
27.5°	10109.7	9534.2	8921.5	8272.5	7594.8	6955.4	6304.5	5642.3	4983.6	4355.7	3757.7
25°	10916.2	10285.6	9606.1	8911.6	8200.9	7455.6	6764.2	6067.9	5374.8	4692.3	4046.7
22.5°	11719.4	11013.6	10266.4	9500.1	8754.7	7970.0	7198.4	6459.0	5736.1	5012.7	4329.3
20°	12488.7	11711.5	10905.4	10075.6	9250.3	8441.7	7611.4	6825.3	6061.7	5312.5	4591.9
17.5°	13168.2	12344.7	11497.3	10601.2	9719.9	8860.6	8001.5	7160.7	6356.4	5573.2	4829.8
15°	13795.6	12921.7	12020.7	11083.4	10146.7	9226.7	8338.8	7456.1	6620.6	5804.9	5040.9
12.5°	14365.3	13439.0	12494.5	11506.4	10523.7	9550.4	8625.6	7722.2	6851.7	6011.4	5218.9
10°	14830.8	13867.4	12886.0	11872.6	10849.0	9832.4	8863.4	7936.8	7037.7	6175.7	5367.1
7.5°	15208.9	14204.1	13185.0	12162.4	11107.9	10067.8	9061.6	8099.2	7182.9	6296.0	5483.9
5°	15503.9	14469.3	13413.7	12375.6	11294.8	10232.7	9209.7	8208.4	7284.8	6373.2	5567.8
2.5°	15706.2	14649.6	13556.0	12504.1	11416.1	10335.4	9319.9	8292.9	7357.4	6454.4	5641.3
0°	15828.9	14784.4	13662.6	12593.1	11526.2	10391.8	9394.9	8350.5	7388.5	6506.5	5679.4
-2.5°	15706.2	14649.6	13556.0	12504.1	11416.1	10335.4	9319.9	8292.9	7357.4	6454.4	5641.3
-5°	15503.9	14469.3	13413.7	12375.6	11294.8	10232.7	9209.7	8208.4	7284.8	6373.2	5567.8
-7.5°	15208.9	14204.1	13185.0	12162.4	11107.9	10067.8	9061.6	8099.2	7182.9	6296.0	5483.9
-10°	14830.8	13867.4	12886.0	11872.6	10849.0	9832.4	8863.4	7936.8	7037.7	6175.7	5367.1
-12.5°	14365.3	13439.0	12494.5	11506.4	10523.7	9550.4	8625.6	7722.2	6851.7	6011.4	5218.9
-15°	13795.6	12921.7	12020.7	11083.4	10146.7	9226.7	8338.8	7456.1	6620.6	5804.9	5040.9
-17.5°	13168.2	12344.7	11497.3	10601.2	9719.9	8860.6	8001.5	7160.7	6356.4	5573.2	4829.8
-20°	12488.7	11711.5	10905.4	10075.6	9250.3	8441.7	7611.4	6825.3	6061.7	5312.5	4591.9



REPORT NUMBER: P559091 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-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°	11719.4	11013.6	10266.4	9500.1	8754.7	7970.0	7198.4	6459.0	5736.1	5012.7	4329.3
-25°	10916.2	10285.6	9606.1	8911.6	8200.9	7455.6	6764.2	6067.9	5374.8	4692.3	4046.7
-27.5°	10109.7	9534.2	8921.5	8272.5	7594.8	6955.4	6304.5	5642.3	4983.6	4355.7	3757.7
-30°	9292.1	8762.4	8199.2	7601.9	7009.4	6413.2	5807.8	5196.7	4585.0	3995.3	3438.2
-32.5°	8459.5	7981.3	7464.3	6941.0	6397.2	5840.0	5290.0	4732.8	4161.6	3630.6	3093.3
-35°	7633.3	7197.3	6735.7	6263.3	5760.8	5265.8	4758.3	4245.0	3744.9	3246.9	2733.9
-37.5°	6814.8	6420.3	6021.5	5588.9	5142.9	4688.1	4227.6	3775.8	3318.6	2852.3	2315.4
-40°	6027.4	5683.7	5317.0	4924.4	4533.0	4119.1	3724.7	3314.5	2886.5	2409.2	1854.8
-42.5°	5259.7	4949.4	4628.0	4297.4	3944.9	3596.4	3230.6	2840.6	2400.7	1895.4	1403.6
-45°	4536.0	4279.2	3992.6	3696.9	3388.9	3061.3	2715.7	2299.9	1841.7	1401.7	947.5
-47.5°	3866.0	3627.3	3371.7	3099.9	2812.7	2493.2	2106.9	1701.7	1320.6	938.2	771.2
-50°	3175.4	2957.1	2726.8	2474.6	2163.2	1825.1	1495.1	1166.0	897.1	743.5	621.0
-52.5°	2446.4	2236.7	2003.1	1746.4	1485.3	1207.7	933.9	817.7	684.1	601.7	540.6
-55°	1660.5	1486.4	1300.4	1085.6	884.5	794.9	695.3	616.8	568.4	513.0	476.4
-57.5°	990.8	870.3	799.9	722.1	636.9	589.6	555.4	515.9	482.4	449.5	418.9
-60°	665.7	604.1	578.7	550.7	519.2	488.3	467.6	442.4	412.7	389.0	364.7
-62.5°	508.4	498.8	473.7	450.7	434.0	421.2	396.9	371.0	350.8	333.1	309.4
-65°	386.5	367.9	355.9	355.2	345.8	326.7	307.8	298.7	288.3	271.1	252.9
-67.5°	307.8	298.6	290.5	279.2	269.9	260.1	254.8	245.4	232.7	217.3	206.8
-70°	256.3	250.4	243.8	236.5	229.1	220.9	212.0	200.9	186.9	171.9	163.4
-72.5°	212.3	208.6	203.7	197.3	190.1	182.9	174.0	162.6	149.3	134.1	122.1
-75°	175.6	173.7	170.7	164.9	158.2	150.7	141.5	127.8	110.6	89.8	75.2
-77.5°	134.8	134.5	133.6	128.8	124.5	120.9	114.0	94.0	74.5	57.3	48.6
-80°	84.4	88.7	91.5	88.6	84.9	80.3	73.5	60.2	48.5	38.8	32.7
-82.5°	49.0	50.4	50.8	47.8	44.8	42.1	39.2	32.8	26.9	21.7	17.6
-85°	13.5	13.1	12.7	13.7	14.4	15.0	15.2	13.3	11.7	10.3	9.2
-87.5°	2.3	2.3	2.3	2.2	2.2	2.1	2.1	2.5	2.9	3.2	3.5
-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: P559091 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-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°	3.4	3.2	3.0	2.9	3.0	3.1	3.2	3.2	2.9	2.6	2.3
85°	9.2	8.9	8.4	7.6	7.1	6.3	6.4	6.3	5.7	5.1	4.5
82.5°	17.7	17.9	18.0	17.7	17.6	16.9	15.8	14.1	11.0	8.1	6.7
80°	36.7	38.8	38.8	36.5	31.9	27.7	26.6	24.5	20.2	16.1	12.0
77.5°	56.0	61.4	64.7	63.4	56.5	49.8	43.4	36.6	29.3	24.0	18.8
75°	76.6	83.6	89.0	88.9	81.6	71.8	63.1	54.1	43.3	32.4	25.6
72.5°	116.0	113.2	114.1	114.6	108.4	98.9	86.2	71.4	59.0	46.4	33.6
70°	155.6	145.3	138.3	137.1	133.8	126.8	114.1	95.0	74.6	60.2	45.7
67.5°	197.3	187.0	173.7	162.0	157.7	151.6	141.8	119.4	95.3	73.8	57.6
65°	240.1	227.8	215.2	198.2	185.2	176.5	166.5	142.5	115.2	90.5	69.4
62.5°	286.7	266.6	250.6	232.2	214.5	201.2	190.7	164.6	134.8	106.5	82.0
60°	338.1	312.3	286.1	264.2	243.3	224.5	209.4	186.9	155.9	121.7	94.5
57.5°	390.2	358.7	326.1	297.0	272.3	248.9	227.2	205.5	177.0	140.3	105.9
55°	442.5	407.5	366.1	330.5	301.1	275.1	246.7	222.4	196.8	159.7	114.6
52.5°	493.1	453.3	409.0	364.9	329.0	299.5	268.1	239.2	212.4	179.1	127.7
50°	554.8	497.2	450.6	402.9	356.5	322.0	288.2	256.9	227.8	196.7	139.8
47.5°	626.2	553.3	491.8	439.9	389.7	344.0	308.2	273.6	243.1	210.5	150.4
45°	768.7	617.2	539.9	478.0	421.1	370.7	328.1	289.2	256.9	216.4	159.4
42.5°	931.6	736.3	596.6	515.6	455.0	397.4	347.6	306.4	269.8	220.3	164.3
40°	1323.4	885.0	672.9	565.9	489.0	422.3	369.6	323.5	280.6	222.6	166.3
37.5°	1725.9	1161.2	807.0	614.7	525.1	452.7	390.4	340.0	285.3	225.0	166.8
35°	2134.4	1522.1	938.4	702.7	568.5	482.1	409.5	356.4	295.8	227.3	165.9
32.5°	2522.1	1870.6	1239.9	819.4	610.2	510.5	431.8	372.8	309.1	229.6	163.7
30°	2854.7	2209.2	1538.5	930.7	668.2	545.9	456.5	388.3	325.0	231.8	161.3
27.5°	3157.2	2525.3	1819.3	1146.4	764.3	579.9	479.8	402.8	343.2	237.5	161.7
25°	3435.5	2795.1	2090.4	1383.1	854.4	612.3	500.9	416.6	357.6	249.8	161.8
22.5°	3681.4	3035.2	2338.3	1598.5	935.7	643.8	523.7	434.1	368.5	262.8	161.4
20°	3902.1	3253.3	2563.6	1797.5	1069.4	711.1	548.3	449.7	378.5	276.2	160.6
17.5°	4100.6	3443.0	2753.1	1986.3	1229.2	770.7	570.8	463.3	387.5	289.7	159.1
15°	4294.3	3604.1	2913.9	2153.3	1370.0	822.2	590.9	475.0	395.3	302.8	158.2
12.5°	4457.1	3741.9	3049.5	2297.6	1491.0	865.8	608.6	484.7	402.1	314.4	157.2
10°	4587.7	3855.6	3159.9	2418.4	1591.6	901.4	623.7	492.0	407.3	324.0	154.1
7.5°	4686.2	3944.6	3245.0	2514.8	1671.2	930.6	633.4	496.2	411.5	331.7	149.2
5°	4757.2	4011.7	3307.0	2586.1	1728.7	954.5	639.5	498.4	414.7	337.2	142.8
2.5°	4816.0	4058.8	3345.9	2631.7	1763.8	971.0	642.5	498.7	416.6	340.0	135.5
0°	4844.9	4080.3	3360.7	2651.1	1776.5	979.5	642.2	497.2	417.3	339.8	127.4
-2.5°	4816.0	4058.8	3345.9	2631.7	1763.8	971.0	642.5	498.7	416.6	340.0	135.5
-5°	4757.2	4011.7	3307.0	2586.1	1728.7	954.5	639.5	498.4	414.7	337.2	142.8
-7.5°	4686.2	3944.6	3245.0	2514.8	1671.2	930.6	633.4	496.2	411.5	331.7	149.2
-10°	4587.7	3855.6	3159.9	2418.4	1591.6	901.4	623.7	492.0	407.3	324.0	154.1
-12.5°	4457.1	3741.9	3049.5	2297.6	1491.0	865.8	608.6	484.7	402.1	314.4	157.2
-15°	4294.3	3604.1	2913.9	2153.3	1370.0	822.2	590.9	475.0	395.3	302.8	158.2
-17.5°	4100.6	3443.0	2753.1	1986.3	1229.2	770.7	570.8	463.3	387.5	289.7	159.1
-20°	3902.1	3253.3	2563.6	1797.5	1069.4	711.1	548.3	449.7	378.5	276.2	160.6



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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°	3681.4	3035.2	2338.3	1598.5	935.7	643.8	523.7	434.1	368.5	262.8	161.4
-25°	3435.5	2795.1	2090.4	1383.1	854.4	612.3	500.9	416.6	357.6	249.8	161.8
-27.5°	3157.2	2525.3	1819.3	1146.4	764.3	579.9	479.8	402.8	343.2	237.5	161.7
-30°	2854.7	2209.2	1538.5	930.7	668.2	545.9	456.5	388.3	325.0	231.8	161.3
-32.5°	2522.1	1870.6	1239.9	819.4	610.2	510.5	431.8	372.8	309.1	229.6	163.7
-35°	2134.4	1522.1	938.4	702.7	568.5	482.1	409.5	356.4	295.8	227.3	165.9
-37.5°	1725.9	1161.2	807.0	614.7	525.1	452.7	390.4	340.0	285.3	225.0	166.8
-40°	1323.4	885.0	672.9	565.9	489.0	422.3	369.6	323.5	280.6	222.6	166.3
-42.5°	931.6	736.3	596.6	515.6	455.0	397.4	347.6	306.4	269.8	220.3	164.3
-45°	768.7	617.2	539.9	478.0	421.1	370.7	328.1	289.2	256.9	216.4	159.4
-47.5°	626.2	553.3	491.8	439.9	389.7	344.0	308.2	273.6	243.1	210.5	150.4
-50°	554.8	497.2	450.6	402.9	356.5	322.0	288.2	256.9	227.8	196.7	139.8
-52.5°	493.1	453.3	409.0	364.9	329.0	299.5	268.1	239.2	212.4	179.1	127.7
-55°	442.5	407.5	366.1	330.5	301.1	275.1	246.7	222.4	196.8	159.7	114.6
-57.5°	390.2	358.7	326.1	297.0	272.3	248.9	227.2	205.5	177.0	140.3	105.9
-60°	338.1	312.3	286.1	264.2	243.3	224.5	209.4	186.9	155.9	121.7	94.5
-62.5°	286.7	266.6	250.6	232.2	214.5	201.2	190.7	164.6	134.8	106.5	82.0
-65°	240.1	227.8	215.2	198.2	185.2	176.5	166.5	142.5	115.2	90.5	69.4
-67.5°	197.3	187.0	173.7	162.0	157.7	151.6	141.8	119.4	95.3	73.8	57.6
-70°	155.6	145.3	138.3	137.1	133.8	126.8	114.1	95.0	74.6	60.2	45.7
-72.5°	116.0	113.2	114.1	114.6	108.4	98.9	86.2	71.4	59.0	46.4	33.6
-75°	76.6	83.6	89.0	88.9	81.6	71.8	63.1	54.1	43.3	32.4	25.6
-77.5°	56.0	61.4	64.7	63.4	56.5	49.8	43.4	36.6	29.3	24.0	18.8
-80°	36.7	38.8	38.8	36.5	31.9	27.7	26.6	24.5	20.2	16.1	12.0
-82.5°	17.7	17.9	18.0	17.7	17.6	16.9	15.8	14.1	11.0	8.1	6.7
-85°	9.2	8.9	8.4	7.6	7.1	6.3	6.4	6.3	5.7	5.1	4.5
-87.5°	3.4	3.2	3.0	2.9	3.0	3.1	3.2	3.2	2.9	2.6	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°	1.9	1.6	1.3	1.0	0.7	0.3	0.0
85°	3.9	3.2	2.6	2.0	1.3	0.7	0.0
82.5°	5.8	4.9	3.9	2.9	2.0	1.0	0.0
80°	8.2	6.5	5.2	3.9	2.6	1.3	0.0
77.5°	13.8	8.9	6.5	4.9	3.2	1.6	0.0
75°	19.2	12.9	8.0	5.8	3.9	1.9	0.0
72.5°	24.5	16.7	10.6	6.7	4.5	2.3	0.0
70°	30.2	20.4	13.1	7.8	5.1	2.6	0.0
67.5°	39.4	23.9	15.5	9.3	5.7	2.9	0.0
65°	48.0	28.6	17.8	10.7	6.3	3.2	0.0
62.5°	56.0	34.2	20.0	12.1	6.9	3.5	0.0
60°	63.3	39.4	22.0	13.4	7.5	3.7	0.0
57.5°	70.7	44.1	25.1	14.6	8.2	4.0	0.0
55°	77.2	48.3	27.9	15.7	9.0	4.3	0.0
52.5°	82.9	52.0	30.3	16.7	9.7	4.6	0.0
50°	87.6	55.4	32.5	17.6	10.3	4.8	0.0
47.5°	92.0	58.2	34.2	18.5	11.0	5.1	0.0
45°	99.4	60.2	35.6	19.5	11.6	5.3	0.0
42.5°	105.6	61.6	36.6	20.3	12.2	5.5	0.0
40°	110.6	62.3	37.2	21.2	12.8	5.7	0.0
37.5°	114.3	62.3	37.5	22.2	13.4	5.9	0.0
35°	116.8	63.7	37.4	23.2	13.9	6.1	0.0
32.5°	117.3	65.4	36.9	24.1	14.4	6.3	0.0
30°	115.1	66.3	36.0	25.0	14.8	6.5	0.0
27.5°	111.9	66.3	36.9	25.7	15.2	6.7	0.0
25°	107.8	65.6	38.0	26.5	15.6	6.8	0.0
22.5°	102.9	65.6	39.1	27.1	16.0	6.9	0.0
20°	97.2	68.6	40.0	27.7	16.3	7.0	0.0
17.5°	96.2	71.3	41.0	28.3	16.6	7.2	0.0
15°	98.1	73.7	41.8	28.7	16.8	7.2	0.0
12.5°	99.9	75.6	42.6	29.1	17.0	7.3	0.0
10°	101.4	77.2	43.3	29.4	17.2	7.4	0.0
7.5°	102.6	78.4	43.8	29.7	17.3	7.4	0.0
5°	103.7	79.3	44.3	29.9	17.4	7.5	0.0
2.5°	104.4	79.8	44.7	30.0	17.5	7.5	0.0
0°	104.9	80.0	45.0	30.0	17.5	7.5	0.0
-2.5°	104.4	79.8	44.7	30.0	17.5	7.5	0.0
-5°	103.7	79.3	44.3	29.9	17.4	7.5	0.0
-7.5°	102.6	78.4	43.8	29.7	17.3	7.4	0.0
-10°	101.4	77.2	43.3	29.4	17.2	7.4	0.0
-12.5°	99.9	75.6	42.6	29.1	17.0	7.3	0.0
-15°	98.1	73.7	41.8	28.7	16.8	7.2	0.0
-17.5°	96.2	71.3	41.0	28.3	16.6	7.2	0.0
-20°	97.2	68.6	40.0	27.7	16.3	7.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	102.9	65.6	39.1	27.1	16.0	6.9	0.0
-25°	107.8	65.6	38.0	26.5	15.6	6.8	0.0
-27.5°	111.9	66.3	36.9	25.7	15.2	6.7	0.0
-30°	115.1	66.3	36.0	25.0	14.8	6.5	0.0
-32.5°	117.3	65.4	36.9	24.1	14.4	6.3	0.0
-35°	116.8	63.7	37.4	23.2	13.9	6.1	0.0
-37.5°	114.3	62.3	37.5	22.2	13.4	5.9	0.0
-40°	110.6	62.3	37.2	21.2	12.8	5.7	0.0
-42.5°	105.6	61.6	36.6	20.3	12.2	5.5	0.0
-45°	99.4	60.2	35.6	19.5	11.6	5.3	0.0
-47.5°	92.0	58.2	34.2	18.5	11.0	5.1	0.0
-50°	87.6	55.4	32.5	17.6	10.3	4.8	0.0
-52.5°	82.9	52.0	30.3	16.7	9.7	4.6	0.0
-55°	77.2	48.3	27.9	15.7	9.0	4.3	0.0
-57.5°	70.7	44.1	25.1	14.6	8.2	4.0	0.0
-60°	63.3	39.4	22.0	13.4	7.5	3.7	0.0
-62.5°	56.0	34.2	20.0	12.1	6.9	3.5	0.0
-65°	48.0	28.6	17.8	10.7	6.3	3.2	0.0
-67.5°	39.4	23.9	15.5	9.3	5.7	2.9	0.0
-70°	30.2	20.4	13.1	7.8	5.1	2.6	0.0
-72.5°	24.5	16.7	10.6	6.7	4.5	2.3	0.0
-75°	19.2	12.9	8.0	5.8	3.9	1.9	0.0
-77.5°	13.8	8.9	6.5	4.9	3.2	1.6	0.0
-80°	8.2	6.5	5.2	3.9	2.6	1.3	0.0
-82.5°	5.8	4.9	3.9	2.9	2.0	1.0	0.0
-85°	3.9	3.2	2.6	2.0	1.3	0.7	0.0
-87.5°	1.9	1.6	1.3	1.0	0.7	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)