

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: P558782 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-927-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558782 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA3C-927-U-NAT-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR
6x4
Light Source: (48) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

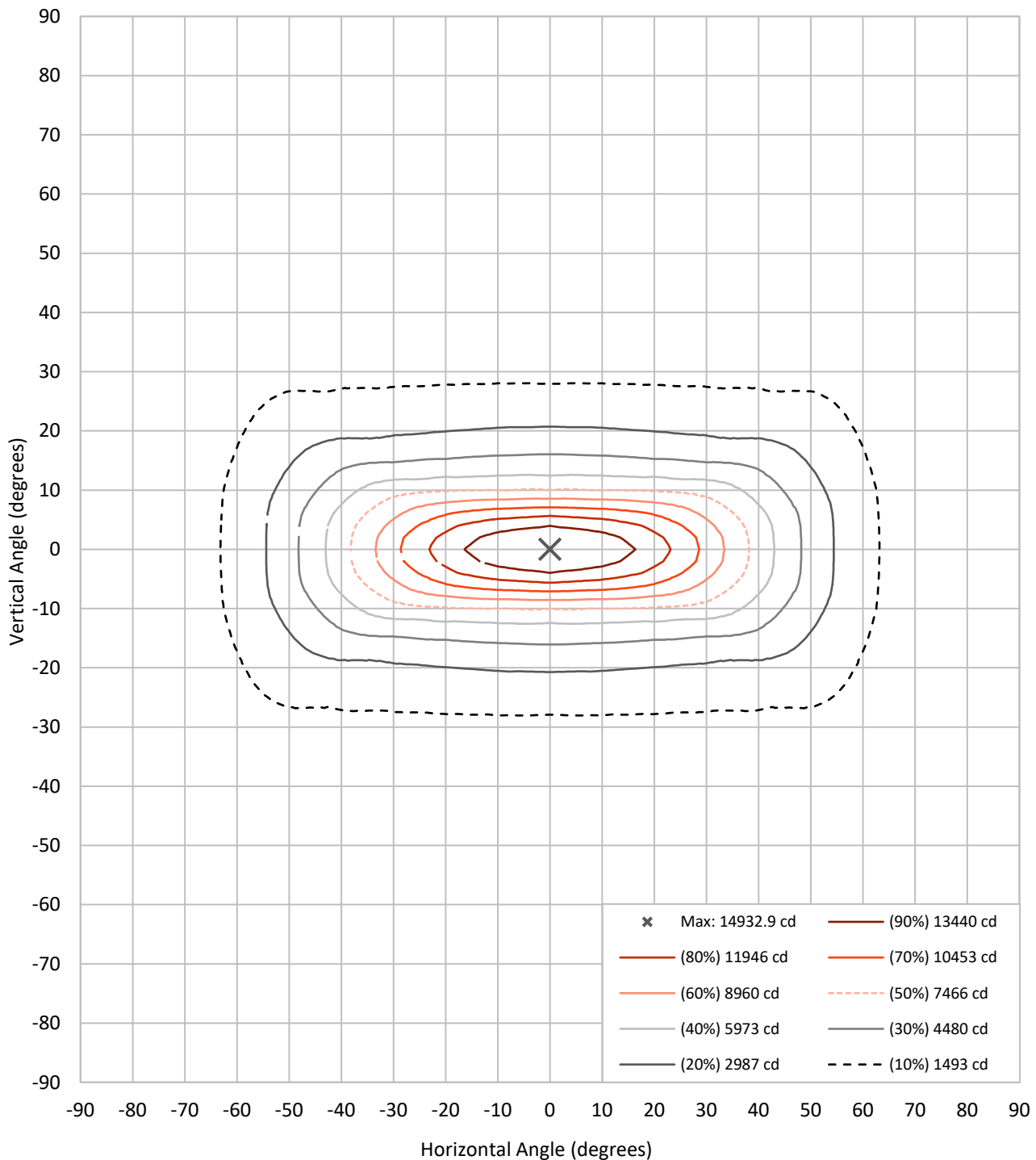
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	10694.7 lumens	Max Intensity:	14932.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	89.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	4278.9 lumens	Field Lumens:	8765.4 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 119
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





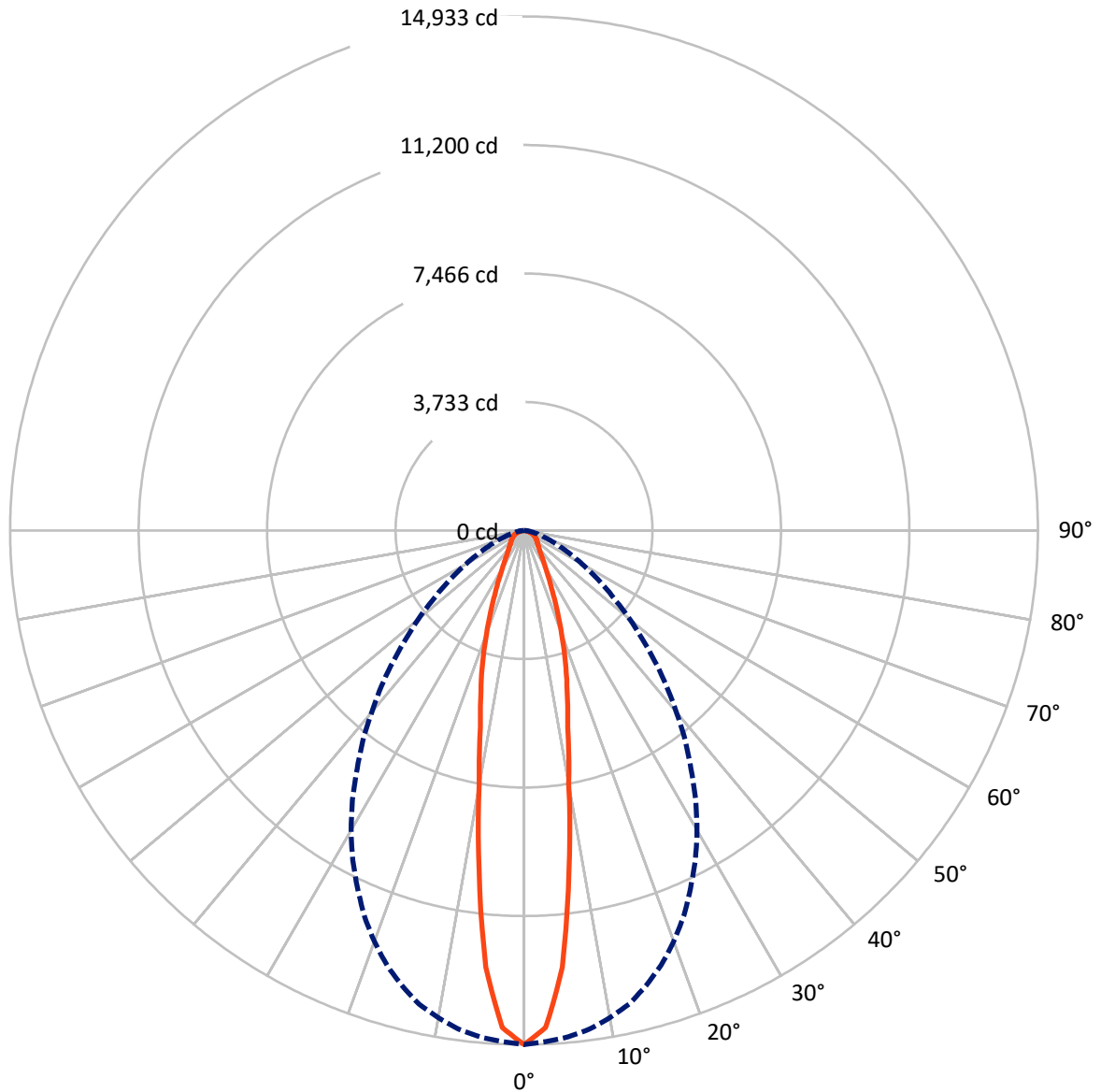
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Lumen Table

90																			
80	0.6	3.7		7.5		10.8		12.2		10.8		7.5		3.7		0.6			
70																			
60	2.3	2.1	3.8	5.1	6.3	7.6	8.7	9.3	9.3	8.7	7.6	6.3	5.1	3.8	2.1	2.3			
50		3.5	6.1	8.2	9.7	11.1	12.4	13.1	13.1	12.4	11.1	9.7	8.2	6.1	3.5				
40	4.6	5.3	9.3	12.3	14.2	15.6	16.8	17.5	17.5	16.8	15.6	14.2	12.3	9.3	5.3	4.6			
30		7.9	14.8	19.6	22.9	25.3	27.0	27.8	27.8	27.0	25.3	22.9	19.6	14.8	7.9				
20	7.1	11.1	25.3	37.7	45.5	52.8	58.8	62.3	62.3	58.8	52.8	45.5	37.7	25.3	11.1	7.1			
10		14.6	39.0	75.0	107.9	128.5	143.1	151.4	151.4	143.1	128.5	107.9	75.0	39.0	14.6				
0	8.1	16.8	50.0	110.5	191.2	271.2	330.0	361.0	361.0	330.0	271.2	191.2	110.5	50.0	16.8	8.1			
-10		16.8	50.0	110.5	191.2	271.2	330.0	361.0	361.0	330.0	271.2	191.2	110.5	50.0	16.8				
-20	7.1	14.6	39.0	75.0	107.9	128.5	143.1	151.4	151.4	143.1	128.5	107.9	75.0	39.0	14.6	7.1			
-30		11.1	25.3	37.7	45.5	52.8	58.8	62.3	62.3	58.8	52.8	45.5	37.7	25.3	11.1				
-40	4.6	7.9	14.8	19.6	22.9	25.3	27.0	27.8	27.8	27.0	25.3	22.9	19.6	14.8	7.9	4.6			
-50		5.3	9.3	12.3	14.2	15.6	16.8	17.5	17.5	16.8	15.6	14.2	12.3	9.3	5.3				
-60	2.3	3.5	6.1	8.2	9.7	11.1	12.4	13.1	13.1	12.4	11.1	9.7	8.2	6.1	3.5	2.3			
-70		2.1	3.8	5.1	6.3	7.6	8.7	9.3	9.3	8.7	7.6	6.3	5.1	3.8	2.1				
-80	0.6	3.7		7.5		10.8		12.2		10.8		7.5		3.7		0.6			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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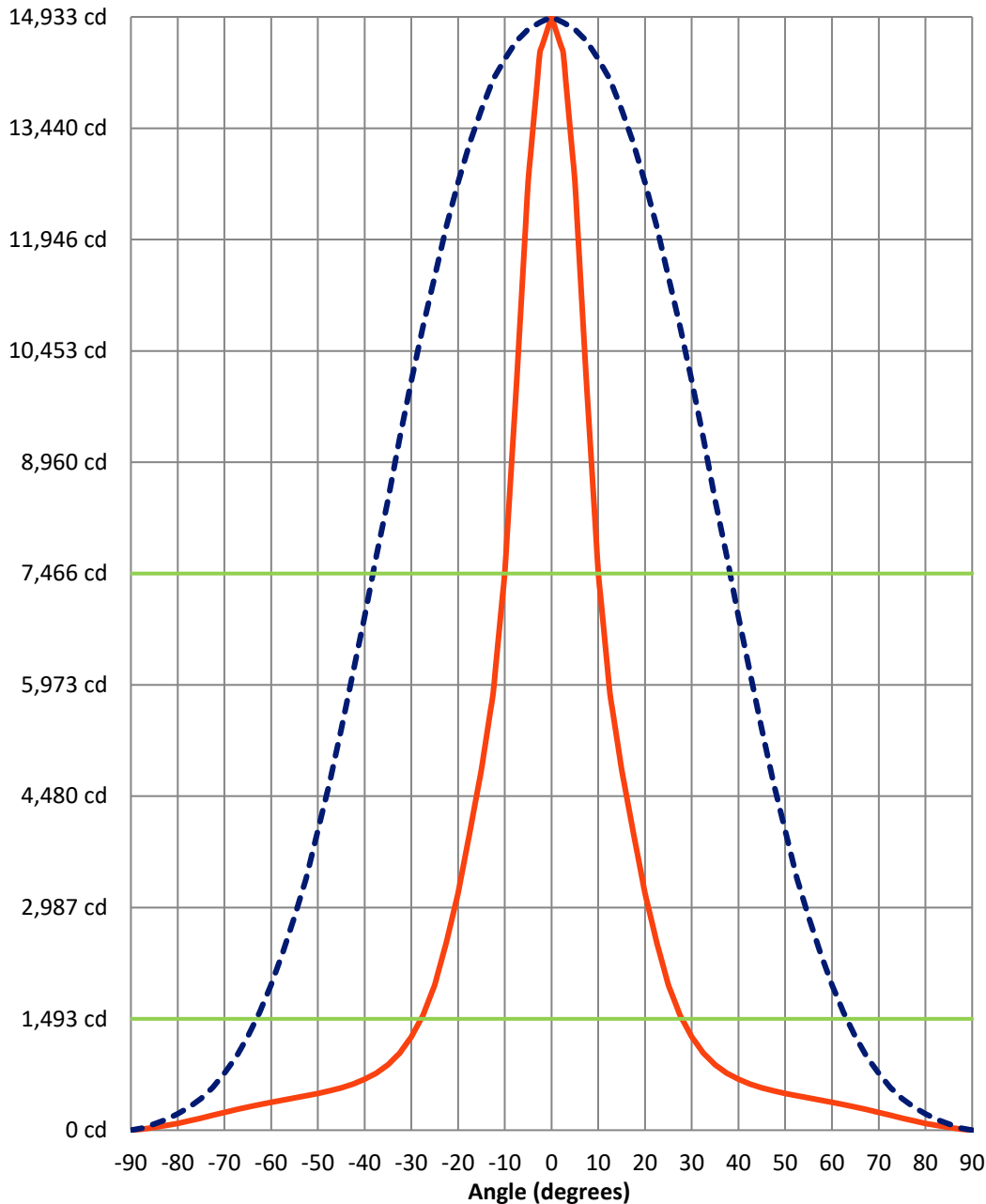
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 76.4°
V Angle: 20°
Lumens: 4278.9
Efficiency: 40.0%

Field:
H Angle: 126.3°
V Angle: 55.8°
Lumens: 8765.4
Efficiency: 82.0%

Spill:
Lumens: 1929.3
Efficiency: 18.0%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.2	2.5	3.5	4.5	5.3	6.0	6.7	7.5	8.2	8.8
85°	0.0	2.5	5.0	7.1	8.9	10.5	11.9	13.5	15.0	16.3	17.6
82.5°	0.0	3.7	7.4	10.6	13.4	15.8	17.9	20.2	22.9	27.3	31.3
80°	0.0	4.9	9.9	14.1	17.9	21.1	24.5	31.1	37.3	42.9	48.0
77.5°	0.0	6.2	12.3	17.6	22.3	28.0	36.0	44.1	51.6	58.5	65.0
75°	0.0	7.4	14.7	21.1	27.4	37.9	47.5	57.0	66.1	75.3	83.1
72.5°	0.0	8.6	17.1	24.6	35.6	47.8	59.0	70.4	82.3	92.6	101.3
70°	0.0	9.7	19.5	28.5	43.7	57.6	70.6	85.2	98.5	110.0	121.3
67.5°	0.0	10.9	21.8	34.7	51.7	67.3	83.9	100.0	114.7	129.8	141.9
65°	0.0	12.0	24.1	40.8	59.6	77.9	97.2	114.7	133.4	149.7	164.0
62.5°	0.0	13.2	26.3	46.8	67.4	89.3	110.4	131.3	152.3	170.6	189.2
60°	0.0	14.2	28.5	52.8	75.2	100.6	123.5	148.5	171.2	194.2	214.6
57.5°	0.0	15.3	32.3	58.6	84.3	111.8	138.4	165.8	192.4	218.0	242.0
55°	0.0	16.3	36.1	64.3	93.3	122.8	153.4	182.9	214.0	242.6	271.0
52.5°	0.0	17.3	39.8	69.8	102.2	134.0	168.2	202.2	235.6	270.5	300.8
50°	0.0	18.3	43.4	75.3	110.9	146.2	182.7	221.8	258.5	298.9	336.2
47.5°	0.0	19.3	46.8	80.8	119.4	158.2	197.4	241.4	284.6	327.7	373.4
45°	0.0	20.1	50.2	87.1	127.7	169.9	214.5	261.1	311.3	362.8	411.9
42.5°	0.0	21.0	53.4	93.1	135.8	181.3	231.4	283.0	338.0	398.8	455.8
40°	0.0	21.8	56.5	98.8	144.2	192.4	248.1	306.1	366.6	435.4	502.0
37.5°	0.0	22.6	59.4	104.1	152.7	203.2	264.6	329.0	398.9	473.9	549.7
35°	0.0	23.3	62.2	109.0	160.9	215.4	280.9	351.5	431.1	516.4	601.4
32.5°	0.0	24.0	64.9	113.6	168.7	228.1	297.5	373.6	463.1	559.6	658.3
30°	0.0	24.7	67.4	117.9	176.2	240.5	315.3	396.4	494.8	603.1	716.5
27.5°	0.0	25.3	69.7	121.8	182.4	252.4	332.6	422.1	527.9	646.8	775.7
25°	0.0	25.8	71.9	125.4	188.1	263.8	349.1	447.2	563.6	694.3	835.8
22.5°	0.0	26.3	73.9	128.6	193.4	274.0	365.0	471.3	598.6	743.5	901.5
20°	0.0	26.8	75.7	131.4	198.3	281.8	380.0	494.5	632.8	791.9	966.6
17.5°	0.0	27.2	77.3	133.9	202.7	288.6	391.3	516.5	665.8	839.3	1030.7
15°	0.0	27.5	78.8	136.0	206.7	294.5	399.8	533.8	697.3	885.2	1093.2
12.5°	0.0	27.8	80.0	137.8	210.1	299.4	407.0	545.1	720.0	929.2	1153.4
10°	0.0	28.1	81.1	139.2	213.0	303.4	413.0	554.5	734.4	949.9	1200.4
7.5°	0.0	28.3	81.9	140.3	215.4	306.4	417.7	561.9	746.1	963.6	1221.7
5°	0.0	28.4	82.6	141.0	217.2	308.6	421.2	567.3	754.9	973.0	1238.2
2.5°	0.0	28.5	83.1	141.4	218.5	309.8	423.3	570.6	760.8	978.3	1249.6
0°	0.0	28.5	83.3	141.4	219.2	310.1	424.1	572.0	763.7	979.6	1255.7
-2.5°	0.0	28.5	83.1	141.4	218.5	309.8	423.3	570.6	760.8	978.3	1249.6
-5°	0.0	28.4	82.6	141.0	217.2	308.6	421.2	567.3	754.9	973.0	1238.2
-7.5°	0.0	28.3	81.9	140.3	215.4	306.4	417.7	561.9	746.1	963.6	1221.7
-10°	0.0	28.1	81.1	139.2	213.0	303.4	413.0	554.5	734.4	949.9	1200.4
-12.5°	0.0	27.8	80.0	137.8	210.1	299.4	407.0	545.1	720.0	929.2	1153.4
-15°	0.0	27.5	78.8	136.0	206.7	294.5	399.8	533.8	697.3	885.2	1093.2
-17.5°	0.0	27.2	77.3	133.9	202.7	288.6	391.3	516.5	665.8	839.3	1030.7
-20°	0.0	26.8	75.7	131.4	198.3	281.8	380.0	494.5	632.8	791.9	966.6



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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	26.3	73.9	128.6	193.4	274.0	365.0	471.3	598.6	743.5	901.5
-25°	0.0	25.8	71.9	125.4	188.1	263.8	349.1	447.2	563.6	694.3	835.8
-27.5°	0.0	25.3	69.7	121.8	182.4	252.4	332.6	422.1	527.9	646.8	775.7
-30°	0.0	24.7	67.4	117.9	176.2	240.5	315.3	396.4	494.8	603.1	716.5
-32.5°	0.0	24.0	64.9	113.6	168.7	228.1	297.5	373.6	463.1	559.6	658.3
-35°	0.0	23.3	62.2	109.0	160.9	215.4	280.9	351.5	431.1	516.4	601.4
-37.5°	0.0	22.6	59.4	104.1	152.7	203.2	264.6	329.0	398.9	473.9	549.7
-40°	0.0	21.8	56.5	98.8	144.2	192.4	248.1	306.1	366.6	435.4	502.0
-42.5°	0.0	21.0	53.4	93.1	135.8	181.3	231.4	283.0	338.0	398.8	455.8
-45°	0.0	20.1	50.2	87.1	127.7	169.9	214.5	261.1	311.3	362.8	411.9
-47.5°	0.0	19.3	46.8	80.8	119.4	158.2	197.4	241.4	284.6	327.7	373.4
-50°	0.0	18.3	43.4	75.3	110.9	146.2	182.7	221.8	258.5	298.9	336.2
-52.5°	0.0	17.3	39.8	69.8	102.2	134.0	168.2	202.2	235.6	270.5	300.8
-55°	0.0	16.3	36.1	64.3	93.3	122.8	153.4	182.9	214.0	242.6	271.0
-57.5°	0.0	15.3	32.3	58.6	84.3	111.8	138.4	165.8	192.4	218.0	242.0
-60°	0.0	14.2	28.5	52.8	75.2	100.6	123.5	148.5	171.2	194.2	214.6
-62.5°	0.0	13.2	26.3	46.8	67.4	89.3	110.4	131.3	152.3	170.6	189.2
-65°	0.0	12.0	24.1	40.8	59.6	77.9	97.2	114.7	133.4	149.7	164.0
-67.5°	0.0	10.9	21.8	34.7	51.7	67.3	83.9	100.0	114.7	129.8	141.9
-70°	0.0	9.7	19.5	28.5	43.7	57.6	70.6	85.2	98.5	110.0	121.3
-72.5°	0.0	8.6	17.1	24.6	35.6	47.8	59.0	70.4	82.3	92.6	101.3
-75°	0.0	7.4	14.7	21.1	27.4	37.9	47.5	57.0	66.1	75.3	83.1
-77.5°	0.0	6.2	12.3	17.6	22.3	28.0	36.0	44.1	51.6	58.5	65.0
-80°	0.0	4.9	9.9	14.1	17.9	21.1	24.5	31.1	37.3	42.9	48.0
-82.5°	0.0	3.7	7.4	10.6	13.4	15.8	17.9	20.2	22.9	27.3	31.3
-85°	0.0	2.5	5.0	7.1	8.9	10.5	11.9	13.5	15.0	16.3	17.6
-87.5°	0.0	1.2	2.5	3.5	4.5	5.3	6.0	6.7	7.5	8.2	8.8
-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°	9.5	10.1	10.7	11.3	11.8	12.3	12.8	13.2	13.7	14.2	14.8
85°	18.9	20.2	22.4	24.2	25.9	27.3	28.5	29.5	30.6	31.4	32.1
82.5°	34.9	37.8	40.1	41.9	43.9	45.6	47.1	48.4	49.8	51.1	52.2
80°	52.1	55.5	58.9	61.9	64.8	67.0	68.3	68.9	70.6	72.9	75.1
77.5°	70.7	75.7	80.2	84.0	87.1	89.9	91.8	93.0	95.8	98.9	101.7
75°	89.9	96.1	102.2	107.6	111.8	115.0	117.3	119.2	122.5	126.7	130.2
72.5°	109.9	118.2	125.5	131.7	137.4	141.8	145.1	147.2	150.5	155.4	159.4
70°	131.0	140.5	150.3	158.4	164.5	169.6	173.9	176.9	179.9	184.8	188.5
67.5°	152.8	166.3	177.3	185.8	192.6	198.9	203.7	206.9	208.2	213.2	217.4
65°	178.5	193.0	205.2	214.8	221.5	229.3	234.7	237.4	238.2	243.8	248.9
62.5°	204.8	220.8	234.1	245.1	253.9	261.3	267.3	270.7	271.4	275.4	281.3
60°	232.7	249.1	265.0	278.2	287.6	295.2	301.8	305.4	306.2	307.8	314.6
57.5°	261.9	279.6	298.1	312.9	323.9	330.2	337.4	341.4	343.0	342.0	349.0
55°	293.6	312.0	332.9	350.2	362.0	367.7	374.4	380.1	382.0	380.8	384.9
52.5°	329.5	347.8	370.1	389.1	402.3	409.2	413.9	420.8	423.9	422.5	421.7
50°	367.3	390.3	408.7	430.5	446.3	455.4	455.5	464.1	468.2	466.9	461.3
47.5°	410.0	435.9	449.9	474.8	495.4	506.1	506.9	510.2	515.3	516.7	511.9
45°	456.2	487.8	502.8	525.1	548.2	561.3	565.2	559.1	568.2	571.0	568.0
42.5°	504.8	545.2	568.9	577.9	604.8	622.9	629.9	625.6	625.2	631.5	631.4
40°	560.9	607.3	642.9	652.3	665.9	690.9	705.7	705.0	688.4	700.2	703.2
37.5°	621.0	681.3	725.2	744.9	734.6	767.9	789.6	798.4	788.0	776.4	789.7
35°	684.2	760.4	819.7	853.0	854.5	853.7	887.7	905.9	907.1	885.9	890.7
32.5°	754.9	844.3	922.9	976.8	1001.3	986.2	995.0	1033.3	1052.0	1043.9	1013.3
30°	830.8	940.6	1036.9	1113.0	1167.7	1183.8	1147.3	1177.2	1218.7	1235.3	1222.0
27.5°	907.7	1042.8	1164.8	1270.3	1355.1	1408.8	1410.1	1364.0	1411.1	1451.0	1466.4
25°	985.7	1144.9	1300.5	1443.4	1571.7	1664.1	1706.6	1711.5	1645.7	1705.5	1761.3
22.5°	1068.8	1250.1	1434.7	1627.8	1806.6	1942.2	2045.2	2107.3	2105.3	2042.5	2091.5
20°	1156.8	1364.5	1579.4	1808.6	2052.4	2238.8	2411.5	2543.5	2623.0	2649.5	2598.0
17.5°	1244.6	1480.0	1731.4	2004.3	2286.4	2544.9	2803.6	3014.4	3181.4	3318.4	3367.5
15°	1331.4	1595.1	1884.0	2201.4	2527.4	2850.9	3183.6	3506.4	3790.5	4041.4	4190.1
12.5°	1416.1	1708.8	2035.4	2397.6	2771.8	3161.1	3558.2	3951.4	4360.7	4767.0	5075.8
10°	1497.8	1819.4	2183.7	2590.4	3015.9	3471.3	3932.1	4398.7	4896.0	5375.1	5836.4
7.5°	1532.7	1891.7	2311.4	2777.1	3255.9	3776.6	4300.3	4842.0	5423.0	5982.2	6545.4
5°	1554.3	1920.4	2347.3	2832.5	3365.1	3975.9	4600.7	5271.7	5934.8	6578.5	7242.3
2.5°	1568.6	1940.0	2371.3	2854.4	3381.4	4008.6	4641.3	5338.1	6082.0	6826.3	7616.5
0°	1575.7	1950.4	2383.3	2861.0	3379.3	4019.2	4657.0	5375.8	6129.6	6886.8	7695.5
-2.5°	1568.6	1940.0	2371.3	2854.4	3381.4	4008.6	4641.3	5338.1	6082.0	6826.3	7616.5
-5°	1554.3	1920.4	2347.3	2832.5	3365.1	3975.9	4600.7	5271.7	5934.8	6578.5	7242.3
-7.5°	1532.7	1891.7	2311.4	2777.1	3255.9	3776.6	4300.3	4842.0	5423.0	5982.2	6545.4
-10°	1497.8	1819.4	2183.7	2590.4	3015.9	3471.3	3932.1	4398.7	4896.0	5375.1	5836.4
-12.5°	1416.1	1708.8	2035.4	2397.6	2771.8	3161.1	3558.2	3951.4	4360.7	4767.0	5075.8
-15°	1331.4	1595.1	1884.0	2201.4	2527.4	2850.9	3183.6	3506.4	3790.5	4041.4	4190.1
-17.5°	1244.6	1480.0	1731.4	2004.3	2286.4	2544.9	2803.6	3014.4	3181.4	3318.4	3367.5
-20°	1156.8	1364.5	1579.4	1808.6	2052.4	2238.8	2411.5	2543.5	2623.0	2649.5	2598.0



REPORT NUMBER: P558782 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1068.8	1250.1	1434.7	1627.8	1806.6	1942.2	2045.2	2107.3	2105.3	2042.5	2091.5
-25°	985.7	1144.9	1300.5	1443.4	1571.7	1664.1	1706.6	1711.5	1645.7	1705.5	1761.3
-27.5°	907.7	1042.8	1164.8	1270.3	1355.1	1408.8	1410.1	1364.0	1411.1	1451.0	1466.4
-30°	830.8	940.6	1036.9	1113.0	1167.7	1183.8	1147.3	1177.2	1218.7	1235.3	1222.0
-32.5°	754.9	844.3	922.9	976.8	1001.3	986.2	995.0	1033.3	1052.0	1043.9	1013.3
-35°	684.2	760.4	819.7	853.0	854.5	853.7	887.7	905.9	907.1	885.9	890.7
-37.5°	621.0	681.3	725.2	744.9	734.6	767.9	789.6	798.4	788.0	776.4	789.7
-40°	560.9	607.3	642.9	652.3	665.9	690.9	705.7	705.0	688.4	700.2	703.2
-42.5°	504.8	545.2	568.9	577.9	604.8	622.9	629.9	625.6	625.2	631.5	631.4
-45°	456.2	487.8	502.8	525.1	548.2	561.3	565.2	559.1	568.2	571.0	568.0
-47.5°	410.0	435.9	449.9	474.8	495.4	506.1	506.9	510.2	515.3	516.7	511.9
-50°	367.3	390.3	408.7	430.5	446.3	455.4	455.5	464.1	468.2	466.9	461.3
-52.5°	329.5	347.8	370.1	389.1	402.3	409.2	413.9	420.8	423.9	422.5	421.7
-55°	293.6	312.0	332.9	350.2	362.0	367.7	374.4	380.1	382.0	380.8	384.9
-57.5°	261.9	279.6	298.1	312.9	323.9	330.2	337.4	341.4	343.0	342.0	349.0
-60°	232.7	249.1	265.0	278.2	287.6	295.2	301.8	305.4	306.2	307.8	314.6
-62.5°	204.8	220.8	234.1	245.1	253.9	261.3	267.3	270.7	271.4	275.4	281.3
-65°	178.5	193.0	205.2	214.8	221.5	229.3	234.7	237.4	238.2	243.8	248.9
-67.5°	152.8	166.3	177.3	185.8	192.6	198.9	203.7	206.9	208.2	213.2	217.4
-70°	131.0	140.5	150.3	158.4	164.5	169.6	173.9	176.9	179.9	184.8	188.5
-72.5°	109.9	118.2	125.5	131.7	137.4	141.8	145.1	147.2	150.5	155.4	159.4
-75°	89.9	96.1	102.2	107.6	111.8	115.0	117.3	119.2	122.5	126.7	130.2
-77.5°	70.7	75.7	80.2	84.0	87.1	89.9	91.8	93.0	95.8	98.9	101.7
-80°	52.1	55.5	58.9	61.9	64.8	67.0	68.3	68.9	70.6	72.9	75.1
-82.5°	34.9	37.8	40.1	41.9	43.9	45.6	47.1	48.4	49.8	51.1	52.2
-85°	18.9	20.2	22.4	24.2	25.9	27.3	28.5	29.5	30.6	31.4	32.1
-87.5°	9.5	10.1	10.7	11.3	11.8	12.3	12.8	13.2	13.7	14.2	14.8
-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: P558782 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-927-U-NAT-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°	15.2	15.0	14.7	14.3	13.9	13.9	13.9	13.8	13.7	13.6	13.4
85°	32.6	33.2	33.8	34.4	34.9	35.5	36.0	36.4	36.8	36.7	36.6
82.5°	53.1	54.9	56.6	58.3	59.9	60.7	61.3	61.7	61.9	62.5	62.9
80°	77.1	79.7	82.1	84.1	85.7	86.9	87.9	88.7	89.3	89.9	90.3
77.5°	104.3	107.2	110.0	112.4	114.5	116.5	118.1	119.5	120.5	122.0	123.4
75°	133.2	136.5	140.0	143.1	145.8	148.7	151.5	154.1	156.5	158.4	159.9
72.5°	162.4	165.9	170.2	174.1	177.8	181.6	185.5	188.8	191.7	194.4	196.9
70°	191.3	194.6	200.0	205.3	210.2	214.8	219.4	223.6	227.3	230.8	234.0
67.5°	221.2	224.6	231.3	237.4	242.9	248.0	253.3	258.1	262.3	266.0	269.2
65°	253.0	256.0	263.3	269.9	275.7	280.5	286.2	291.5	296.2	300.3	303.7
62.5°	285.9	288.9	294.9	301.5	307.0	311.6	318.4	324.3	329.3	333.4	336.9
60°	319.3	321.9	326.5	333.7	339.9	344.9	350.9	356.6	361.5	365.6	369.2
57.5°	353.9	356.5	358.8	366.1	372.0	376.5	381.7	387.4	392.1	395.9	399.7
55°	389.7	391.8	391.1	397.8	403.3	407.0	410.9	416.9	421.5	425.0	428.4
52.5°	426.4	428.8	427.1	429.9	436.0	439.4	441.1	447.5	452.3	455.3	458.5
50°	467.2	469.1	467.6	466.0	471.9	475.3	476.3	481.5	485.8	488.2	490.5
47.5°	511.4	513.8	512.6	506.2	511.4	515.8	515.9	518.2	522.7	524.5	525.8
45°	559.5	564.1	563.1	558.6	557.9	562.4	562.0	560.2	565.4	567.7	568.4
42.5°	622.6	621.1	622.6	620.0	612.0	617.1	617.8	611.3	617.8	620.6	618.9
40°	699.9	685.8	693.5	692.4	685.0	683.8	687.8	682.5	683.5	687.5	684.4
37.5°	791.8	781.7	777.5	781.0	778.8	769.2	776.8	775.0	769.0	775.7	772.8
35°	904.9	901.9	879.2	893.0	895.9	886.8	889.4	893.4	880.4	890.6	889.5
32.5°	1037.2	1043.9	1039.0	1030.5	1043.4	1045.0	1030.1	1048.0	1040.8	1043.4	1050.4
30°	1187.0	1221.4	1238.1	1223.1	1231.2	1247.2	1239.9	1252.3	1258.3	1249.0	1266.6
27.5°	1448.7	1436.5	1476.6	1494.1	1475.4	1504.6	1525.8	1516.4	1547.4	1529.1	1555.3
25°	1781.3	1763.5	1774.2	1831.8	1844.6	1829.8	1889.5	1896.5	1921.2	1924.2	1942.4
22.5°	2172.1	2215.4	2210.3	2227.9	2300.3	2324.5	2346.6	2404.0	2391.0	2443.0	2452.0
20°	2609.1	2717.8	2792.7	2808.4	2839.4	2922.7	2960.9	3006.2	3036.6	3085.9	3127.5
17.5°	3348.3	3292.5	3439.4	3531.7	3580.2	3597.6	3697.9	3730.5	3805.9	3848.9	3891.7
15°	4297.3	4329.8	4263.4	4351.4	4500.0	4550.2	4492.5	4627.2	4665.1	4737.6	4750.4
12.5°	5311.7	5475.9	5556.4	5578.3	5500.6	5712.0	5796.7	5690.4	5810.9	5789.2	5888.4
10°	6279.6	6678.6	6917.4	7085.4	7187.5	7249.0	7310.2	7420.0	7421.9	7503.3	7455.8
7.5°	7074.3	7580.1	8063.3	8532.1	8907.1	9117.4	9282.4	9440.7	9652.0	9753.1	9818.9
5°	7851.7	8435.3	9013.5	9581.8	10096.4	10591.5	11076.7	11497.6	11720.6	11981.3	12213.7
2.5°	8354.5	9092.7	9831.2	10562.6	11157.2	11702.9	12207.9	12676.9	13088.3	13469.0	13790.5
0°	8452.6	9278.8	10049.2	10778.9	11448.4	12122.3	12710.7	13241.1	13689.3	14093.6	14366.4
-2.5°	8354.5	9092.7	9831.2	10562.6	11157.2	11702.9	12207.9	12676.9	13088.3	13469.0	13790.5
-5°	7851.7	8435.3	9013.5	9581.8	10096.4	10591.5	11076.7	11497.6	11720.6	11981.3	12213.7
-7.5°	7074.3	7580.1	8063.3	8532.1	8907.1	9117.4	9282.4	9440.7	9652.0	9753.1	9818.9
-10°	6279.6	6678.6	6917.4	7085.4	7187.5	7249.0	7310.2	7420.0	7421.9	7503.3	7455.8
-12.5°	5311.7	5475.9	5556.4	5578.3	5500.6	5712.0	5796.7	5690.4	5810.9	5789.2	5888.4
-15°	4297.3	4329.8	4263.4	4351.4	4500.0	4550.2	4492.5	4627.2	4665.1	4737.6	4750.4
-17.5°	3348.3	3292.5	3439.4	3531.7	3580.2	3597.6	3697.9	3730.5	3805.9	3848.9	3891.7
-20°	2609.1	2717.8	2792.7	2808.4	2839.4	2922.7	2960.9	3006.2	3036.6	3085.9	3127.5



REPORT NUMBER: P558782 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2172.1	2215.4	2210.3	2227.9	2300.3	2324.5	2346.6	2404.0	2391.0	2443.0	2452.0
-25°	1781.3	1763.5	1774.2	1831.8	1844.6	1829.8	1889.5	1896.5	1921.2	1924.2	1942.4
-27.5°	1448.7	1436.5	1476.6	1494.1	1475.4	1504.6	1525.8	1516.4	1547.4	1529.1	1555.3
-30°	1187.0	1221.4	1238.1	1223.1	1231.2	1247.2	1239.9	1252.3	1258.3	1249.0	1266.6
-32.5°	1037.2	1043.9	1039.0	1030.5	1043.4	1045.0	1030.1	1048.0	1040.8	1043.4	1050.4
-35°	904.9	901.9	879.2	893.0	895.9	886.8	889.4	893.4	880.4	890.6	889.5
-37.5°	791.8	781.7	777.5	781.0	778.8	769.2	776.8	775.0	769.0	775.7	772.8
-40°	699.9	685.8	693.5	692.4	685.0	683.8	687.8	682.5	683.5	687.5	684.4
-42.5°	622.6	621.1	622.6	620.0	612.0	617.1	617.8	611.3	617.8	620.6	618.9
-45°	559.5	564.1	563.1	558.6	557.9	562.4	562.0	560.2	565.4	567.7	568.4
-47.5°	511.4	513.8	512.6	506.2	511.4	515.8	515.9	518.2	522.7	524.5	525.8
-50°	467.2	469.1	467.6	466.0	471.9	475.3	476.3	481.5	485.8	488.2	490.5
-52.5°	426.4	428.8	427.1	429.9	436.0	439.4	441.1	447.5	452.3	455.3	458.5
-55°	389.7	391.8	391.1	397.8	403.3	407.0	410.9	416.9	421.5	425.0	428.4
-57.5°	353.9	356.5	358.8	366.1	372.0	376.5	381.7	387.4	392.1	395.9	399.7
-60°	319.3	321.9	326.5	333.7	339.9	344.9	350.9	356.6	361.5	365.6	369.2
-62.5°	285.9	288.9	294.9	301.5	307.0	311.6	318.4	324.3	329.3	333.4	336.9
-65°	253.0	256.0	263.3	269.9	275.7	280.5	286.2	291.5	296.2	300.3	303.7
-67.5°	221.2	224.6	231.3	237.4	242.9	248.0	253.3	258.1	262.3	266.0	269.2
-70°	191.3	194.6	200.0	205.3	210.2	214.8	219.4	223.6	227.3	230.8	234.0
-72.5°	162.4	165.9	170.2	174.1	177.8	181.6	185.5	188.8	191.7	194.4	196.9
-75°	133.2	136.5	140.0	143.1	145.8	148.7	151.5	154.1	156.5	158.4	159.9
-77.5°	104.3	107.2	110.0	112.4	114.5	116.5	118.1	119.5	120.5	122.0	123.4
-80°	77.1	79.7	82.1	84.1	85.7	86.9	87.9	88.7	89.3	89.9	90.3
-82.5°	53.1	54.9	56.6	58.3	59.9	60.7	61.3	61.7	61.9	62.5	62.9
-85°	32.6	33.2	33.8	34.4	34.9	35.5	36.0	36.4	36.8	36.7	36.6
-87.5°	15.2	15.0	14.7	14.3	13.9	13.9	13.9	13.8	13.7	13.6	13.4
-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: P558782 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-927-U-NAT-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°	13.3	13.1	13.6	14.2	13.6	13.1	13.3	13.4	13.6	13.7	13.8
85°	36.4	36.0	36.7	37.3	36.7	36.0	36.4	36.6	36.7	36.8	36.4
82.5°	63.2	63.3	63.5	63.6	63.5	63.3	63.2	62.9	62.5	61.9	61.7
80°	90.5	90.5	90.3	89.9	90.3	90.5	90.5	90.3	89.9	89.3	88.7
77.5°	124.5	125.3	125.8	126.0	125.8	125.3	124.5	123.4	122.0	120.5	119.5
75°	160.9	161.4	161.5	161.1	161.5	161.4	160.9	159.9	158.4	156.5	154.1
72.5°	198.9	200.5	200.8	200.5	200.8	200.5	198.9	196.9	194.4	191.7	188.8
70°	236.6	238.7	238.7	237.8	238.7	238.7	236.6	234.0	230.8	227.3	223.6
67.5°	271.8	273.7	275.2	276.1	275.2	273.7	271.8	269.2	266.0	262.3	258.1
65°	306.5	308.6	309.7	310.1	309.7	308.6	306.5	303.7	300.3	296.2	291.5
62.5°	339.6	341.5	342.6	343.0	342.6	341.5	339.6	336.9	333.4	329.3	324.3
60°	372.1	374.1	374.5	373.7	374.5	374.1	372.1	369.2	365.6	361.5	356.6
57.5°	402.7	404.8	404.7	403.2	404.7	404.8	402.7	399.7	395.9	392.1	387.4
55°	430.9	432.5	433.0	432.8	433.0	432.5	430.9	428.4	425.0	421.5	416.9
52.5°	460.9	462.1	462.6	462.4	462.6	462.1	460.9	458.5	455.3	452.3	447.5
50°	492.1	492.2	492.2	492.0	492.2	492.2	492.1	490.5	488.2	485.8	481.5
47.5°	527.7	528.1	528.2	528.2	528.2	528.1	527.7	525.8	524.5	522.7	518.2
45°	569.9	568.7	567.5	567.6	567.5	568.7	569.9	568.4	567.7	565.4	560.2
42.5°	620.5	619.2	617.6	618.0	617.6	619.2	620.5	618.9	620.6	617.8	611.3
40°	687.1	686.8	684.5	683.8	684.5	686.8	687.1	684.4	687.5	683.5	682.5
37.5°	773.2	772.0	767.0	764.8	767.0	772.0	773.2	772.8	775.7	769.0	775.0
35°	886.5	884.8	877.1	877.7	877.1	884.8	886.5	889.5	890.6	880.4	893.4
32.5°	1046.9	1047.5	1036.0	1033.3	1036.0	1047.5	1046.9	1050.4	1043.4	1040.8	1048.0
30°	1255.6	1260.2	1246.6	1252.4	1246.6	1260.2	1255.6	1266.6	1249.0	1258.3	1252.3
27.5°	1554.7	1563.5	1551.5	1541.7	1551.5	1563.5	1554.7	1555.3	1529.1	1547.4	1516.4
25°	1966.4	1973.0	1959.2	1947.2	1959.2	1973.0	1966.4	1942.4	1924.2	1921.2	1896.5
22.5°	2502.3	2501.9	2501.2	2520.2	2501.2	2501.9	2502.3	2452.0	2443.0	2391.0	2404.0
20°	3154.5	3138.7	3162.4	3177.7	3162.4	3138.7	3154.5	3127.5	3085.9	3036.6	3006.2
17.5°	3901.6	3931.2	3954.0	3991.8	3954.0	3931.2	3901.6	3891.7	3848.9	3805.9	3730.5
15°	4782.6	4827.2	4850.0	4837.8	4850.0	4827.2	4782.6	4750.4	4737.6	4665.1	4627.2
12.5°	5891.9	5945.2	5905.9	5856.8	5905.9	5945.2	5891.9	5888.4	5789.2	5810.9	5690.4
10°	7456.5	7571.4	7577.8	7481.8	7577.8	7571.4	7456.5	7455.8	7503.3	7421.9	7420.0
7.5°	9857.1	9912.9	9997.7	10002.0	9997.7	9912.9	9857.1	9818.9	9753.1	9652.0	9440.7
5°	12319.0	12467.7	12563.6	12729.4	12563.6	12467.7	12319.0	12213.7	11981.3	11720.6	11497.6
2.5°	13998.1	14190.3	14264.1	14451.9	14264.1	14190.3	13998.1	13790.5	13469.0	13088.3	12676.9
0°	14609.7	14765.3	14858.4	14932.9	14858.4	14765.3	14609.7	14366.4	14093.6	13689.3	13241.1
-2.5°	13998.1	14190.3	14264.1	14451.9	14264.1	14190.3	13998.1	13790.5	13469.0	13088.3	12676.9
-5°	12319.0	12467.7	12563.6	12729.4	12563.6	12467.7	12319.0	12213.7	11981.3	11720.6	11497.6
-7.5°	9857.1	9912.9	9997.7	10002.0	9997.7	9912.9	9857.1	9818.9	9753.1	9652.0	9440.7
-10°	7456.5	7571.4	7577.8	7481.8	7577.8	7571.4	7456.5	7455.8	7503.3	7421.9	7420.0
-12.5°	5891.9	5945.2	5905.9	5856.8	5905.9	5945.2	5891.9	5888.4	5789.2	5810.9	5690.4
-15°	4782.6	4827.2	4850.0	4837.8	4850.0	4827.2	4782.6	4750.4	4737.6	4665.1	4627.2
-17.5°	3901.6	3931.2	3954.0	3991.8	3954.0	3931.2	3901.6	3891.7	3848.9	3805.9	3730.5
-20°	3154.5	3138.7	3162.4	3177.7	3162.4	3138.7	3154.5	3127.5	3085.9	3036.6	3006.2



REPORT NUMBER: P558782 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2502.3	2501.9	2501.2	2520.2	2501.2	2501.9	2502.3	2452.0	2443.0	2391.0	2404.0
-25°	1966.4	1973.0	1959.2	1947.2	1959.2	1973.0	1966.4	1942.4	1924.2	1921.2	1896.5
-27.5°	1554.7	1563.5	1551.5	1541.7	1551.5	1563.5	1554.7	1555.3	1529.1	1547.4	1516.4
-30°	1255.6	1260.2	1246.6	1252.4	1246.6	1260.2	1255.6	1266.6	1249.0	1258.3	1252.3
-32.5°	1046.9	1047.5	1036.0	1033.3	1036.0	1047.5	1046.9	1050.4	1043.4	1040.8	1048.0
-35°	886.5	884.8	877.1	877.7	877.1	884.8	886.5	889.5	890.6	880.4	893.4
-37.5°	773.2	772.0	767.0	764.8	767.0	772.0	773.2	772.8	775.7	769.0	775.0
-40°	687.1	686.8	684.5	683.8	684.5	686.8	687.1	684.4	687.5	683.5	682.5
-42.5°	620.5	619.2	617.6	618.0	617.6	619.2	620.5	618.9	620.6	617.8	611.3
-45°	569.9	568.7	567.5	567.6	567.5	568.7	569.9	568.4	567.7	565.4	560.2
-47.5°	527.7	528.1	528.2	528.2	528.2	528.1	527.7	525.8	524.5	522.7	518.2
-50°	492.1	492.2	492.2	492.0	492.2	492.2	492.1	490.5	488.2	485.8	481.5
-52.5°	460.9	462.1	462.6	462.4	462.6	462.1	460.9	458.5	455.3	452.3	447.5
-55°	430.9	432.5	433.0	432.8	433.0	432.5	430.9	428.4	425.0	421.5	416.9
-57.5°	402.7	404.8	404.7	403.2	404.7	404.8	402.7	399.7	395.9	392.1	387.4
-60°	372.1	374.1	374.5	373.7	374.5	374.1	372.1	369.2	365.6	361.5	356.6
-62.5°	339.6	341.5	342.6	343.0	342.6	341.5	339.6	336.9	333.4	329.3	324.3
-65°	306.5	308.6	309.7	310.1	309.7	308.6	306.5	303.7	300.3	296.2	291.5
-67.5°	271.8	273.7	275.2	276.1	275.2	273.7	271.8	269.2	266.0	262.3	258.1
-70°	236.6	238.7	238.7	237.8	238.7	238.7	236.6	234.0	230.8	227.3	223.6
-72.5°	198.9	200.5	200.8	200.5	200.8	200.5	198.9	196.9	194.4	191.7	188.8
-75°	160.9	161.4	161.5	161.1	161.5	161.4	160.9	159.9	158.4	156.5	154.1
-77.5°	124.5	125.3	125.8	126.0	125.8	125.3	124.5	123.4	122.0	120.5	119.5
-80°	90.5	90.5	90.3	89.9	90.3	90.5	90.5	90.3	89.9	89.3	88.7
-82.5°	63.2	63.3	63.5	63.6	63.5	63.3	63.2	62.9	62.5	61.9	61.7
-85°	36.4	36.0	36.7	37.3	36.7	36.0	36.4	36.6	36.7	36.8	36.4
-87.5°	13.3	13.1	13.6	14.2	13.6	13.1	13.3	13.4	13.6	13.7	13.8
-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: P558782 (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°	13.9	13.9	13.9	14.3	14.7	15.0	15.2	14.8	14.2	13.7	13.2
85°	36.0	35.5	34.9	34.4	33.8	33.2	32.6	32.1	31.4	30.6	29.5
82.5°	61.3	60.7	59.9	58.3	56.6	54.9	53.1	52.2	51.1	49.8	48.4
80°	87.9	86.9	85.7	84.1	82.1	79.7	77.1	75.1	72.9	70.6	68.9
77.5°	118.1	116.5	114.5	112.4	110.0	107.2	104.3	101.7	98.9	95.8	93.0
75°	151.5	148.7	145.8	143.1	140.0	136.5	133.2	130.2	126.7	122.5	119.2
72.5°	185.5	181.6	177.8	174.1	170.2	165.9	162.4	159.4	155.4	150.5	147.2
70°	219.4	214.8	210.2	205.3	200.0	194.6	191.3	188.5	184.8	179.9	176.9
67.5°	253.3	248.0	242.9	237.4	231.3	224.6	221.2	217.4	213.2	208.2	206.9
65°	286.2	280.5	275.7	269.9	263.3	256.0	253.0	248.9	243.8	238.2	237.4
62.5°	318.4	311.6	307.0	301.5	294.9	288.9	285.9	281.3	275.4	271.4	270.7
60°	350.9	344.9	339.9	333.7	326.5	321.9	319.3	314.6	307.8	306.2	305.4
57.5°	381.7	376.5	372.0	366.1	358.8	356.5	353.9	349.0	342.0	343.0	341.4
55°	410.9	407.0	403.3	397.8	391.1	391.8	389.7	384.9	380.8	382.0	380.1
52.5°	441.1	439.4	436.0	429.9	427.1	428.8	426.4	421.7	422.5	423.9	420.8
50°	476.3	475.3	471.9	466.0	467.6	469.1	467.2	461.3	466.9	468.2	464.1
47.5°	515.9	515.8	511.4	506.2	512.6	513.8	511.4	511.9	516.7	515.3	510.2
45°	562.0	562.4	557.9	558.6	563.1	564.1	559.5	568.0	571.0	568.2	559.1
42.5°	617.8	617.1	612.0	620.0	622.6	621.1	622.6	631.4	631.5	625.2	625.6
40°	687.8	683.8	685.0	692.4	693.5	685.8	699.9	703.2	700.2	688.4	705.0
37.5°	776.8	769.2	778.8	781.0	777.5	781.7	791.8	789.7	776.4	788.0	798.4
35°	889.4	886.8	895.9	893.0	879.2	901.9	904.9	890.7	885.9	907.1	905.9
32.5°	1030.1	1045.0	1043.4	1030.5	1039.0	1043.9	1037.2	1013.3	1043.9	1052.0	1033.3
30°	1239.9	1247.2	1231.2	1223.1	1238.1	1221.4	1187.0	1222.0	1235.3	1218.7	1177.2
27.5°	1525.8	1504.6	1475.4	1494.1	1476.6	1436.5	1448.7	1466.4	1451.0	1411.1	1364.0
25°	1889.5	1829.8	1844.6	1831.8	1774.2	1763.5	1781.3	1761.3	1705.5	1645.7	1711.5
22.5°	2346.6	2324.5	2300.3	2227.9	2210.3	2215.4	2172.1	2091.5	2042.5	2105.3	2107.3
20°	2960.9	2922.7	2839.4	2808.4	2792.7	2717.8	2609.1	2598.0	2649.5	2623.0	2543.5
17.5°	3697.9	3597.6	3580.2	3531.7	3439.4	3292.5	3348.3	3367.5	3318.4	3181.4	3014.4
15°	4492.5	4550.2	4500.0	4351.4	4263.4	4329.8	4297.3	4190.1	4041.4	3790.5	3506.4
12.5°	5796.7	5712.0	5500.6	5578.3	5556.4	5475.9	5311.7	5075.8	4767.0	4360.7	3951.4
10°	7310.2	7249.0	7187.5	7085.4	6917.4	6678.6	6279.6	5836.4	5375.1	4896.0	4398.7
7.5°	9282.4	9117.4	8907.1	8532.1	8063.3	7580.1	7074.3	6545.4	5982.2	5423.0	4842.0
5°	11076.7	10591.5	10096.4	9581.8	9013.5	8435.3	7851.7	7242.3	6578.5	5934.8	5271.7
2.5°	12207.9	11702.9	11157.2	10562.6	9831.2	9092.7	8354.5	7616.5	6826.3	6082.0	5338.1
0°	12710.7	12122.3	11448.4	10778.9	10049.2	9278.8	8452.6	7695.5	6886.8	6129.6	5375.8
-2.5°	12207.9	11702.9	11157.2	10562.6	9831.2	9092.7	8354.5	7616.5	6826.3	6082.0	5338.1
-5°	11076.7	10591.5	10096.4	9581.8	9013.5	8435.3	7851.7	7242.3	6578.5	5934.8	5271.7
-7.5°	9282.4	9117.4	8907.1	8532.1	8063.3	7580.1	7074.3	6545.4	5982.2	5423.0	4842.0
-10°	7310.2	7249.0	7187.5	7085.4	6917.4	6678.6	6279.6	5836.4	5375.1	4896.0	4398.7
-12.5°	5796.7	5712.0	5500.6	5578.3	5556.4	5475.9	5311.7	5075.8	4767.0	4360.7	3951.4
-15°	4492.5	4550.2	4500.0	4351.4	4263.4	4329.8	4297.3	4190.1	4041.4	3790.5	3506.4
-17.5°	3697.9	3597.6	3580.2	3531.7	3439.4	3292.5	3348.3	3367.5	3318.4	3181.4	3014.4
-20°	2960.9	2922.7	2839.4	2808.4	2792.7	2717.8	2609.1	2598.0	2649.5	2623.0	2543.5



REPORT NUMBER: P558782 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2346.6	2324.5	2300.3	2227.9	2210.3	2215.4	2172.1	2091.5	2042.5	2105.3	2107.3
-25°	1889.5	1829.8	1844.6	1831.8	1774.2	1763.5	1781.3	1761.3	1705.5	1645.7	1711.5
-27.5°	1525.8	1504.6	1475.4	1494.1	1476.6	1436.5	1448.7	1466.4	1451.0	1411.1	1364.0
-30°	1239.9	1247.2	1231.2	1223.1	1238.1	1221.4	1187.0	1222.0	1235.3	1218.7	1177.2
-32.5°	1030.1	1045.0	1043.4	1030.5	1039.0	1043.9	1037.2	1013.3	1043.9	1052.0	1033.3
-35°	889.4	886.8	895.9	893.0	879.2	901.9	904.9	890.7	885.9	907.1	905.9
-37.5°	776.8	769.2	778.8	781.0	777.5	781.7	791.8	789.7	776.4	788.0	798.4
-40°	687.8	683.8	685.0	692.4	693.5	685.8	699.9	703.2	700.2	688.4	705.0
-42.5°	617.8	617.1	612.0	620.0	622.6	621.1	622.6	631.4	631.5	625.2	625.6
-45°	562.0	562.4	557.9	558.6	563.1	564.1	559.5	568.0	571.0	568.2	559.1
-47.5°	515.9	515.8	511.4	506.2	512.6	513.8	511.4	511.9	516.7	515.3	510.2
-50°	476.3	475.3	471.9	466.0	467.6	469.1	467.2	461.3	466.9	468.2	464.1
-52.5°	441.1	439.4	436.0	429.9	427.1	428.8	426.4	421.7	422.5	423.9	420.8
-55°	410.9	407.0	403.3	397.8	391.1	391.8	389.7	384.9	380.8	382.0	380.1
-57.5°	381.7	376.5	372.0	366.1	358.8	356.5	353.9	349.0	342.0	343.0	341.4
-60°	350.9	344.9	339.9	333.7	326.5	321.9	319.3	314.6	307.8	306.2	305.4
-62.5°	318.4	311.6	307.0	301.5	294.9	288.9	285.9	281.3	275.4	271.4	270.7
-65°	286.2	280.5	275.7	269.9	263.3	256.0	253.0	248.9	243.8	238.2	237.4
-67.5°	253.3	248.0	242.9	237.4	231.3	224.6	221.2	217.4	213.2	208.2	206.9
-70°	219.4	214.8	210.2	205.3	200.0	194.6	191.3	188.5	184.8	179.9	176.9
-72.5°	185.5	181.6	177.8	174.1	170.2	165.9	162.4	159.4	155.4	150.5	147.2
-75°	151.5	148.7	145.8	143.1	140.0	136.5	133.2	130.2	126.7	122.5	119.2
-77.5°	118.1	116.5	114.5	112.4	110.0	107.2	104.3	101.7	98.9	95.8	93.0
-80°	87.9	86.9	85.7	84.1	82.1	79.7	77.1	75.1	72.9	70.6	68.9
-82.5°	61.3	60.7	59.9	58.3	56.6	54.9	53.1	52.2	51.1	49.8	48.4
-85°	36.0	35.5	34.9	34.4	33.8	33.2	32.6	32.1	31.4	30.6	29.5
-87.5°	13.9	13.9	13.9	14.3	14.7	15.0	15.2	14.8	14.2	13.7	13.2
-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: P558782 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-927-U-NAT-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°	12.8	12.3	11.8	11.3	10.7	10.1	9.5	8.8	8.2	7.5	6.7
85°	28.5	27.3	25.9	24.2	22.4	20.2	18.9	17.6	16.3	15.0	13.5
82.5°	47.1	45.6	43.9	41.9	40.1	37.8	34.9	31.3	27.3	22.9	20.2
80°	68.3	67.0	64.8	61.9	58.9	55.5	52.1	48.0	42.9	37.3	31.1
77.5°	91.8	89.9	87.1	84.0	80.2	75.7	70.7	65.0	58.5	51.6	44.1
75°	117.3	115.0	111.8	107.6	102.2	96.1	89.9	83.1	75.3	66.1	57.0
72.5°	145.1	141.8	137.4	131.7	125.5	118.2	109.9	101.3	92.6	82.3	70.4
70°	173.9	169.6	164.5	158.4	150.3	140.5	131.0	121.3	110.0	98.5	85.2
67.5°	203.7	198.9	192.6	185.8	177.3	166.3	152.8	141.9	129.8	114.7	100.0
65°	234.7	229.3	221.5	214.8	205.2	193.0	178.5	164.0	149.7	133.4	114.7
62.5°	267.3	261.3	253.9	245.1	234.1	220.8	204.8	189.2	170.6	152.3	131.3
60°	301.8	295.2	287.6	278.2	265.0	249.1	232.7	214.6	194.2	171.2	148.5
57.5°	337.4	330.2	323.9	312.9	298.1	279.6	261.9	242.0	218.0	192.4	165.8
55°	374.4	367.7	362.0	350.2	332.9	312.0	293.6	271.0	242.6	214.0	182.9
52.5°	413.9	409.2	402.3	389.1	370.1	347.8	329.5	300.8	270.5	235.6	202.2
50°	455.5	455.4	446.3	430.5	408.7	390.3	367.3	336.2	298.9	258.5	221.8
47.5°	506.9	506.1	495.4	474.8	449.9	435.9	410.0	373.4	327.7	284.6	241.4
45°	565.2	561.3	548.2	525.1	502.8	487.8	456.2	411.9	362.8	311.3	261.1
42.5°	629.9	622.9	604.8	577.9	568.9	545.2	504.8	455.8	398.8	338.0	283.0
40°	705.7	690.9	665.9	652.3	642.9	607.3	560.9	502.0	435.4	366.6	306.1
37.5°	789.6	767.9	734.6	744.9	725.2	681.3	621.0	549.7	473.9	398.9	329.0
35°	887.7	853.7	854.5	853.0	819.7	760.4	684.2	601.4	516.4	431.1	351.5
32.5°	995.0	986.2	1001.3	976.8	922.9	844.3	754.9	658.3	559.6	463.1	373.6
30°	1147.3	1183.8	1167.7	1113.0	1036.9	940.6	830.8	716.5	603.1	494.8	396.4
27.5°	1410.1	1408.8	1355.1	1270.3	1164.8	1042.8	907.7	775.7	646.8	527.9	422.1
25°	1706.6	1664.1	1571.7	1443.4	1300.5	1144.9	985.7	835.8	694.3	563.6	447.2
22.5°	2045.2	1942.2	1806.6	1627.8	1434.7	1250.1	1068.8	901.5	743.5	598.6	471.3
20°	2411.5	2238.8	2052.4	1808.6	1579.4	1364.5	1156.8	966.6	791.9	632.8	494.5
17.5°	2803.6	2544.9	2286.4	2004.3	1731.4	1480.0	1244.6	1030.7	839.3	665.8	516.5
15°	3183.6	2850.9	2527.4	2201.4	1884.0	1595.1	1331.4	1093.2	885.2	697.3	533.8
12.5°	3558.2	3161.1	2771.8	2397.6	2035.4	1708.8	1416.1	1153.4	929.2	720.0	545.1
10°	3932.1	3471.3	3015.9	2590.4	2183.7	1819.4	1497.8	1200.4	949.9	734.4	554.5
7.5°	4300.3	3776.6	3255.9	2777.1	2311.4	1891.7	1532.7	1221.7	963.6	746.1	561.9
5°	4600.7	3975.9	3365.1	2832.5	2347.3	1920.4	1554.3	1238.2	973.0	754.9	567.3
2.5°	4641.3	4008.6	3381.4	2854.4	2371.3	1940.0	1568.6	1249.6	978.3	760.8	570.6
0°	4657.0	4019.2	3379.3	2861.0	2383.3	1950.4	1575.7	1255.7	979.6	763.7	572.0
-2.5°	4641.3	4008.6	3381.4	2854.4	2371.3	1940.0	1568.6	1249.6	978.3	760.8	570.6
-5°	4600.7	3975.9	3365.1	2832.5	2347.3	1920.4	1554.3	1238.2	973.0	754.9	567.3
-7.5°	4300.3	3776.6	3255.9	2777.1	2311.4	1891.7	1532.7	1221.7	963.6	746.1	561.9
-10°	3932.1	3471.3	3015.9	2590.4	2183.7	1819.4	1497.8	1200.4	949.9	734.4	554.5
-12.5°	3558.2	3161.1	2771.8	2397.6	2035.4	1708.8	1416.1	1153.4	929.2	720.0	545.1
-15°	3183.6	2850.9	2527.4	2201.4	1884.0	1595.1	1331.4	1093.2	885.2	697.3	533.8
-17.5°	2803.6	2544.9	2286.4	2004.3	1731.4	1480.0	1244.6	1030.7	839.3	665.8	516.5
-20°	2411.5	2238.8	2052.4	1808.6	1579.4	1364.5	1156.8	966.6	791.9	632.8	494.5



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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°	2045.2	1942.2	1806.6	1627.8	1434.7	1250.1	1068.8	901.5	743.5	598.6	471.3
-25°	1706.6	1664.1	1571.7	1443.4	1300.5	1144.9	985.7	835.8	694.3	563.6	447.2
-27.5°	1410.1	1408.8	1355.1	1270.3	1164.8	1042.8	907.7	775.7	646.8	527.9	422.1
-30°	1147.3	1183.8	1167.7	1113.0	1036.9	940.6	830.8	716.5	603.1	494.8	396.4
-32.5°	995.0	986.2	1001.3	976.8	922.9	844.3	754.9	658.3	559.6	463.1	373.6
-35°	887.7	853.7	854.5	853.0	819.7	760.4	684.2	601.4	516.4	431.1	351.5
-37.5°	789.6	767.9	734.6	744.9	725.2	681.3	621.0	549.7	473.9	398.9	329.0
-40°	705.7	690.9	665.9	652.3	642.9	607.3	560.9	502.0	435.4	366.6	306.1
-42.5°	629.9	622.9	604.8	577.9	568.9	545.2	504.8	455.8	398.8	338.0	283.0
-45°	565.2	561.3	548.2	525.1	502.8	487.8	456.2	411.9	362.8	311.3	261.1
-47.5°	506.9	506.1	495.4	474.8	449.9	435.9	410.0	373.4	327.7	284.6	241.4
-50°	455.5	455.4	446.3	430.5	408.7	390.3	367.3	336.2	298.9	258.5	221.8
-52.5°	413.9	409.2	402.3	389.1	370.1	347.8	329.5	300.8	270.5	235.6	202.2
-55°	374.4	367.7	362.0	350.2	332.9	312.0	293.6	271.0	242.6	214.0	182.9
-57.5°	337.4	330.2	323.9	312.9	298.1	279.6	261.9	242.0	218.0	192.4	165.8
-60°	301.8	295.2	287.6	278.2	265.0	249.1	232.7	214.6	194.2	171.2	148.5
-62.5°	267.3	261.3	253.9	245.1	234.1	220.8	204.8	189.2	170.6	152.3	131.3
-65°	234.7	229.3	221.5	214.8	205.2	193.0	178.5	164.0	149.7	133.4	114.7
-67.5°	203.7	198.9	192.6	185.8	177.3	166.3	152.8	141.9	129.8	114.7	100.0
-70°	173.9	169.6	164.5	158.4	150.3	140.5	131.0	121.3	110.0	98.5	85.2
-72.5°	145.1	141.8	137.4	131.7	125.5	118.2	109.9	101.3	92.6	82.3	70.4
-75°	117.3	115.0	111.8	107.6	102.2	96.1	89.9	83.1	75.3	66.1	57.0
-77.5°	91.8	89.9	87.1	84.0	80.2	75.7	70.7	65.0	58.5	51.6	44.1
-80°	68.3	67.0	64.8	61.9	58.9	55.5	52.1	48.0	42.9	37.3	31.1
-82.5°	47.1	45.6	43.9	41.9	40.1	37.8	34.9	31.3	27.3	22.9	20.2
-85°	28.5	27.3	25.9	24.2	22.4	20.2	18.9	17.6	16.3	15.0	13.5
-87.5°	12.8	12.3	11.8	11.3	10.7	10.1	9.5	8.8	8.2	7.5	6.7
-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°	6.0	5.3	4.5	3.5	2.5	1.2	0.0
85°	11.9	10.5	8.9	7.1	5.0	2.5	0.0
82.5°	17.9	15.8	13.4	10.6	7.4	3.7	0.0
80°	24.5	21.1	17.9	14.1	9.9	4.9	0.0
77.5°	36.0	28.0	22.3	17.6	12.3	6.2	0.0
75°	47.5	37.9	27.4	21.1	14.7	7.4	0.0
72.5°	59.0	47.8	35.6	24.6	17.1	8.6	0.0
70°	70.6	57.6	43.7	28.5	19.5	9.7	0.0
67.5°	83.9	67.3	51.7	34.7	21.8	10.9	0.0
65°	97.2	77.9	59.6	40.8	24.1	12.0	0.0
62.5°	110.4	89.3	67.4	46.8	26.3	13.2	0.0
60°	123.5	100.6	75.2	52.8	28.5	14.2	0.0
57.5°	138.4	111.8	84.3	58.6	32.3	15.3	0.0
55°	153.4	122.8	93.3	64.3	36.1	16.3	0.0
52.5°	168.2	134.0	102.2	69.8	39.8	17.3	0.0
50°	182.7	146.2	110.9	75.3	43.4	18.3	0.0
47.5°	197.4	158.2	119.4	80.8	46.8	19.3	0.0
45°	214.5	169.9	127.7	87.1	50.2	20.1	0.0
42.5°	231.4	181.3	135.8	93.1	53.4	21.0	0.0
40°	248.1	192.4	144.2	98.8	56.5	21.8	0.0
37.5°	264.6	203.2	152.7	104.1	59.4	22.6	0.0
35°	280.9	215.4	160.9	109.0	62.2	23.3	0.0
32.5°	297.5	228.1	168.7	113.6	64.9	24.0	0.0
30°	315.3	240.5	176.2	117.9	67.4	24.7	0.0
27.5°	332.6	252.4	182.4	121.8	69.7	25.3	0.0
25°	349.1	263.8	188.1	125.4	71.9	25.8	0.0
22.5°	365.0	274.0	193.4	128.6	73.9	26.3	0.0
20°	380.0	281.8	198.3	131.4	75.7	26.8	0.0
17.5°	391.3	288.6	202.7	133.9	77.3	27.2	0.0
15°	399.8	294.5	206.7	136.0	78.8	27.5	0.0
12.5°	407.0	299.4	210.1	137.8	80.0	27.8	0.0
10°	413.0	303.4	213.0	139.2	81.1	28.1	0.0
7.5°	417.7	306.4	215.4	140.3	81.9	28.3	0.0
5°	421.2	308.6	217.2	141.0	82.6	28.4	0.0
2.5°	423.3	309.8	218.5	141.4	83.1	28.5	0.0
0°	424.1	310.1	219.2	141.4	83.3	28.5	0.0
-2.5°	423.3	309.8	218.5	141.4	83.1	28.5	0.0
-5°	421.2	308.6	217.2	141.0	82.6	28.4	0.0
-7.5°	417.7	306.4	215.4	140.3	81.9	28.3	0.0
-10°	413.0	303.4	213.0	139.2	81.1	28.1	0.0
-12.5°	407.0	299.4	210.1	137.8	80.0	27.8	0.0
-15°	399.8	294.5	206.7	136.0	78.8	27.5	0.0
-17.5°	391.3	288.6	202.7	133.9	77.3	27.2	0.0
-20°	380.0	281.8	198.3	131.4	75.7	26.8	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	365.0	274.0	193.4	128.6	73.9	26.3	0.0
-25°	349.1	263.8	188.1	125.4	71.9	25.8	0.0
-27.5°	332.6	252.4	182.4	121.8	69.7	25.3	0.0
-30°	315.3	240.5	176.2	117.9	67.4	24.7	0.0
-32.5°	297.5	228.1	168.7	113.6	64.9	24.0	0.0
-35°	280.9	215.4	160.9	109.0	62.2	23.3	0.0
-37.5°	264.6	203.2	152.7	104.1	59.4	22.6	0.0
-40°	248.1	192.4	144.2	98.8	56.5	21.8	0.0
-42.5°	231.4	181.3	135.8	93.1	53.4	21.0	0.0
-45°	214.5	169.9	127.7	87.1	50.2	20.1	0.0
-47.5°	197.4	158.2	119.4	80.8	46.8	19.3	0.0
-50°	182.7	146.2	110.9	75.3	43.4	18.3	0.0
-52.5°	168.2	134.0	102.2	69.8	39.8	17.3	0.0
-55°	153.4	122.8	93.3	64.3	36.1	16.3	0.0
-57.5°	138.4	111.8	84.3	58.6	32.3	15.3	0.0
-60°	123.5	100.6	75.2	52.8	28.5	14.2	0.0
-62.5°	110.4	89.3	67.4	46.8	26.3	13.2	0.0
-65°	97.2	77.9	59.6	40.8	24.1	12.0	0.0
-67.5°	83.9	67.3	51.7	34.7	21.8	10.9	0.0
-70°	70.6	57.6	43.7	28.5	19.5	9.7	0.0
-72.5°	59.0	47.8	35.6	24.6	17.1	8.6	0.0
-75°	47.5	37.9	27.4	21.1	14.7	7.4	0.0
-77.5°	36.0	28.0	22.3	17.6	12.3	6.2	0.0
-80°	24.5	21.1	17.9	14.1	9.9	4.9	0.0
-82.5°	17.9	15.8	13.4	10.6	7.4	3.7	0.0
-85°	11.9	10.5	8.9	7.1	5.0	2.5	0.0
-87.5°	6.0	5.3	4.5	3.5	2.5	1.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)