

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: P559229 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-927-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559229 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-5)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA6E-927-U-MWR-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (96) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

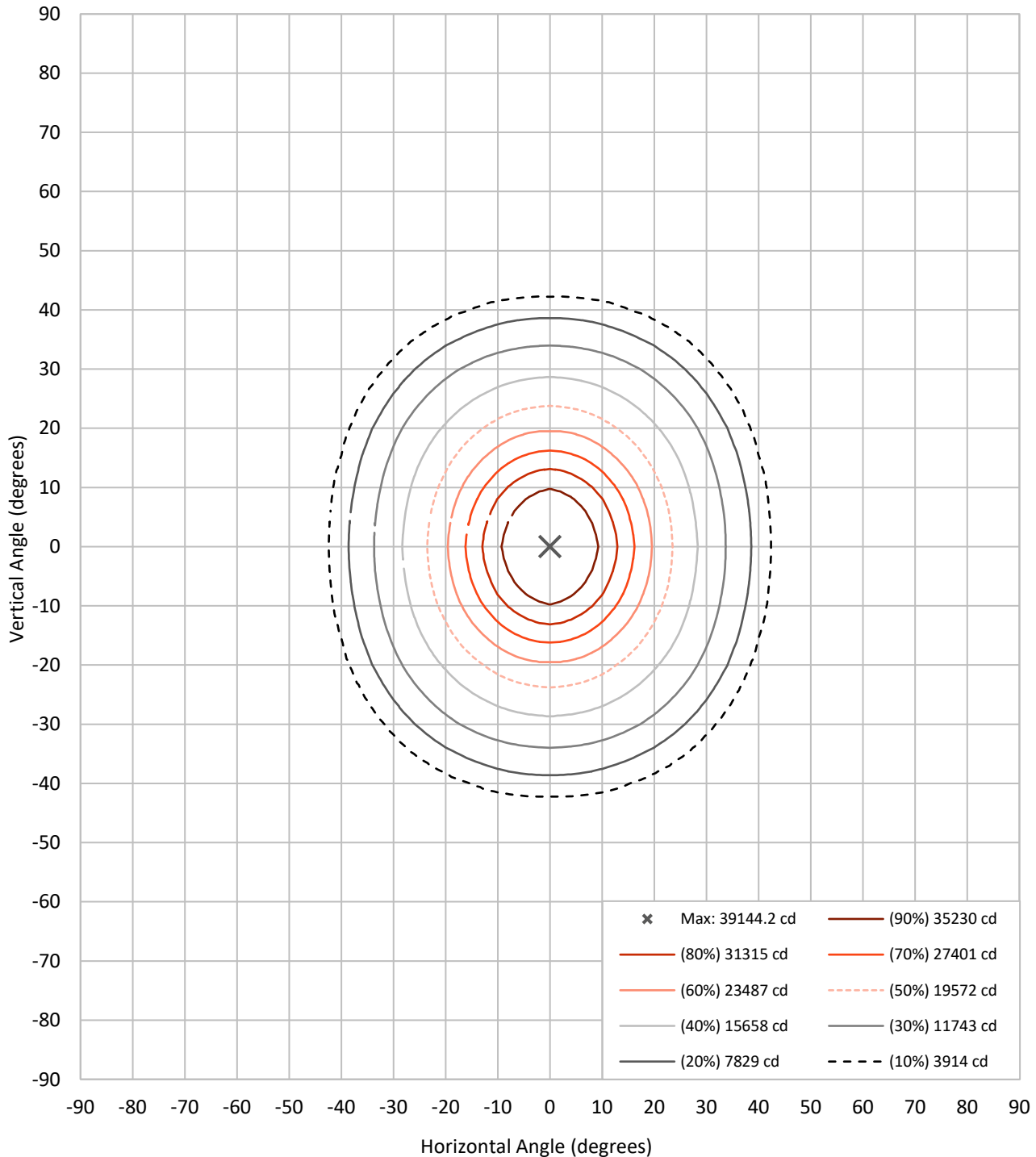
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	30471.6 lumens	Max Intensity:	39144.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	82.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	14378.5 lumens	Field Lumens:	27668.2 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 368
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





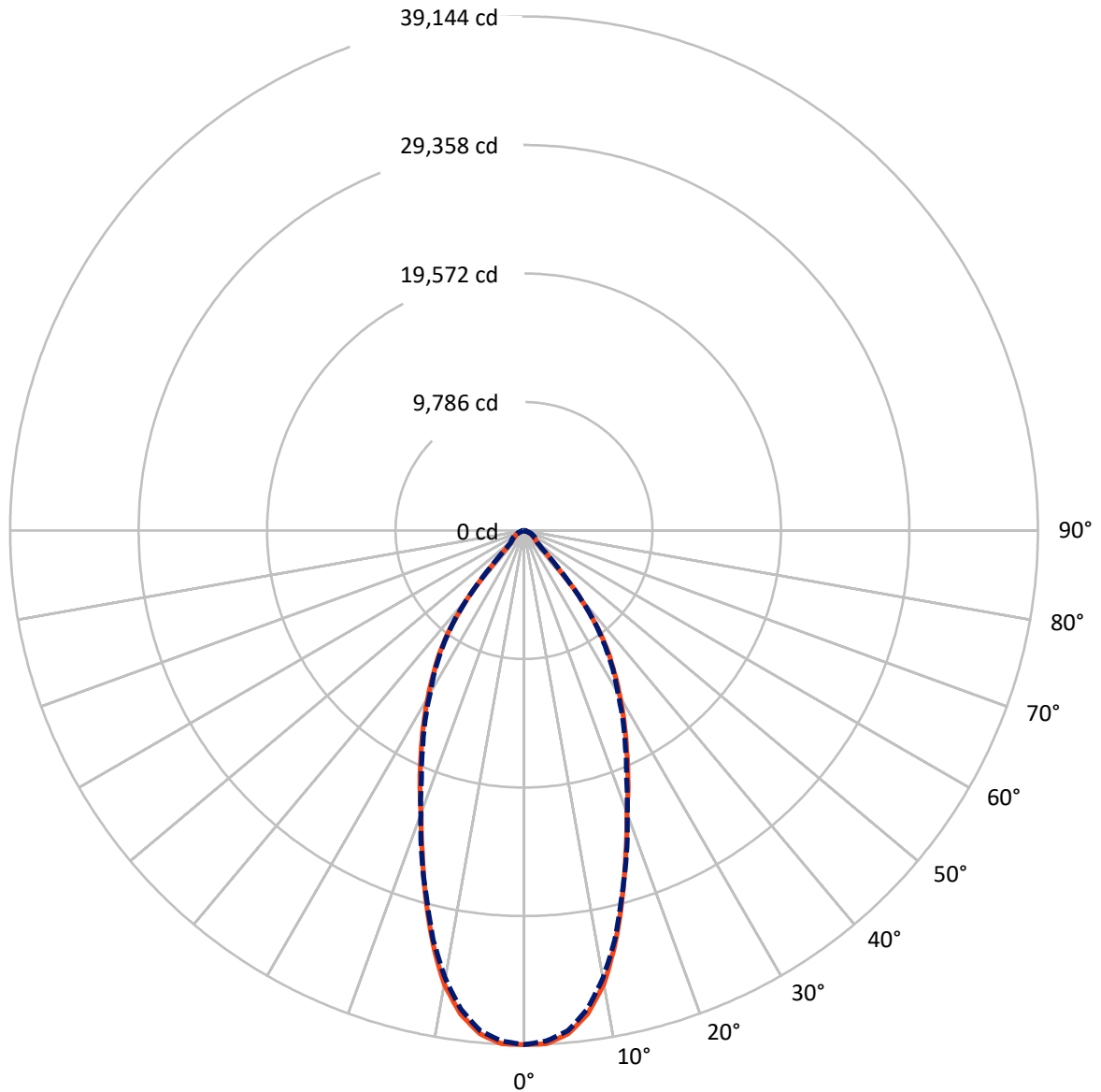
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Lumen Table

90																			
80	0.5	3.7		8.4		13.7		10.7		13.7		8.4		3.7		0.5			
70																			
60	2.1	2.4	4.5	6.9	9.7	12.1	14.0	15.1	15.1	14.0	12.1	9.7	6.9	4.5	2.4	2.1			
50		3.7	7.3	12.2	17.5	21.9	25.0	27.6	27.6	25.0	21.9	17.5	12.2	7.3	3.7				
40	3.2	4.9	10.2	17.2	24.9	34.2	54.1	75.8	75.8	54.1	34.2	24.9	17.2	10.2	4.9	3.2			
30		5.9	12.7	21.4	40.2	128.4	250.0	318.6	318.6	250.0	128.4	40.2	21.4	12.7	5.9				
20	3.6	6.9	14.9	26.8	117.4	306.8	452.7	548.2	548.2	452.7	306.8	117.4	26.8	14.9	6.9	3.6			
10		7.7	16.6	41.0	213.5	423.4	643.3	837.4	837.4	643.3	423.4	213.5	41.0	16.6	7.7				
0	3.7	8.2	17.9	56.6	260.1	494.1	809.2	1094.4	1094.4	809.2	494.1	260.1	56.6	17.9	8.2	3.7			
-10		8.2	17.9	56.6	260.1	494.1	809.2	1094.4	1094.4	809.2	494.1	260.1	56.6	17.9	8.2				
-20	3.6	7.7	16.6	41.0	213.5	423.4	643.3	837.4	837.4	643.3	423.4	213.5	41.0	16.6	7.7	3.6			
-30		6.9	14.9	26.8	117.4	306.8	452.7	548.2	548.2	452.7	306.8	117.4	26.8	14.9	6.9				
-40	3.2	5.9	12.7	21.4	40.2	128.4	250.0	318.6	318.6	250.0	128.4	40.2	21.4	12.7	5.9	3.2			
-50		4.9	10.2	17.2	24.9	34.2	54.1	75.8	75.8	54.1	34.2	24.9	17.2	10.2	4.9				
-60	2.1	3.7	7.3	12.2	17.5	21.9	25.0	27.6	27.6	25.0	21.9	17.5	12.2	7.3	3.7	2.1			
-70		2.4	4.5	6.9	9.7	12.1	14.0	15.1	15.1	14.0	12.1	9.7	6.9	4.5	2.4				
-80																			
-90	0.5	3.7		8.4		13.7		10.7		13.7		8.4		3.7		0.5			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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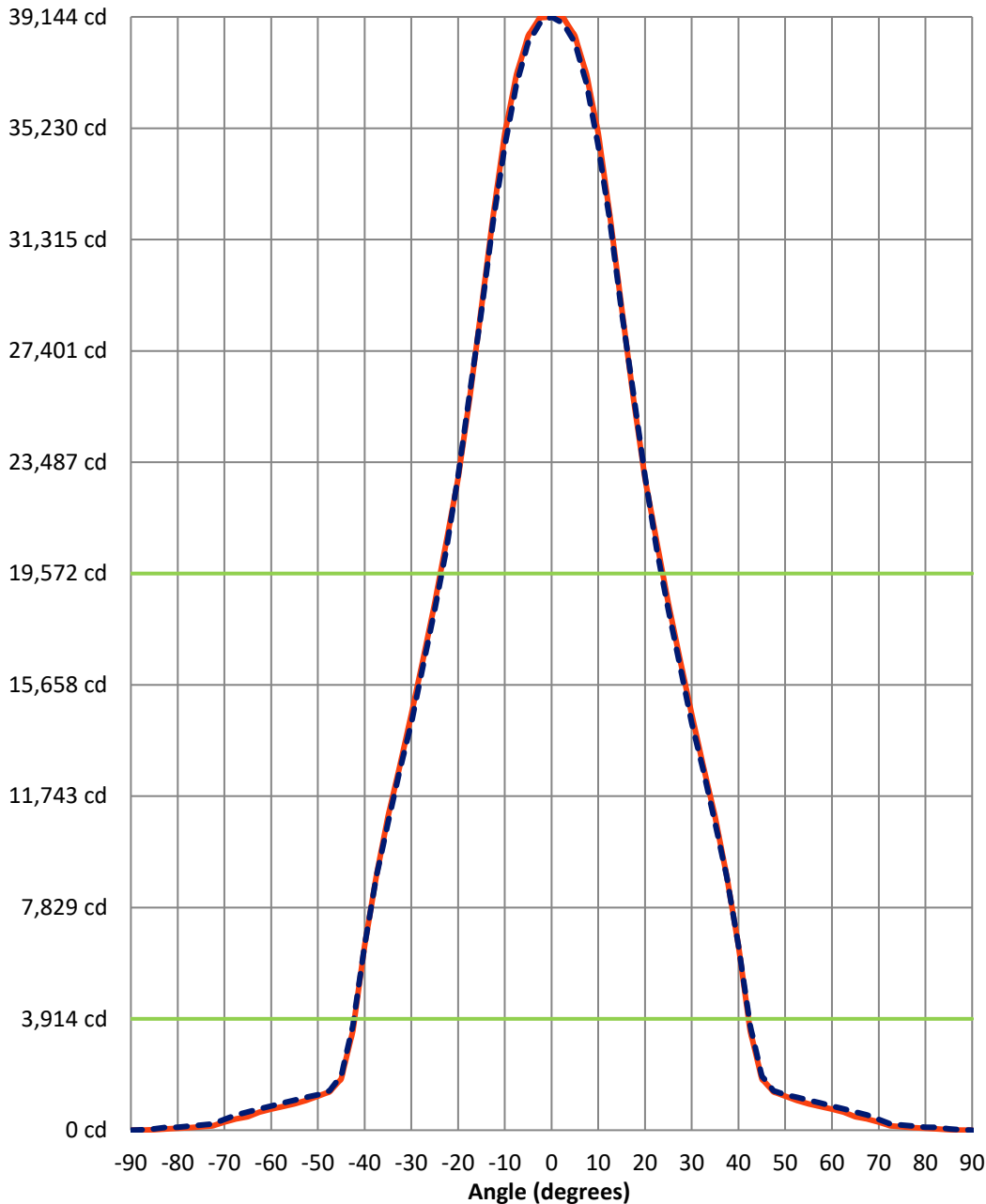
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 47°
V Angle: 47.6°
Lumens: 14378.5
Efficiency: 47.2%

Field:
H Angle: 84.6°
V Angle: 84.3°
Lumens: 27668.2
Efficiency: 90.8%

Spill:
Lumens: 2803.5
Efficiency: 9.2%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.6	1.3	2.1	3.1	4.1	5.3	6.0	6.5	7.0	7.4
85°	0.0	1.3	2.6	4.2	6.1	8.3	10.6	11.9	13.1	14.0	14.9
82.5°	0.0	1.9	3.8	6.3	9.1	12.3	15.9	17.9	20.2	24.1	27.1
80°	0.0	2.6	5.1	8.4	12.1	16.4	22.0	29.1	34.8	39.1	42.2
77.5°	0.0	3.2	6.4	10.4	15.1	22.3	34.5	43.0	49.4	54.2	58.6
75°	0.0	3.8	7.6	12.4	18.7	31.9	46.7	57.0	64.5	72.7	78.8
72.5°	0.0	4.4	8.8	14.4	25.7	41.2	58.6	71.9	83.3	92.4	99.3
70°	0.0	5.0	10.0	16.8	32.4	50.2	70.6	89.3	102.1	112.5	128.7
67.5°	0.0	5.6	11.2	21.4	39.0	59.0	84.5	106.8	121.1	137.9	159.2
65°	0.0	6.2	12.4	25.8	45.3	68.4	97.9	124.3	141.0	162.2	187.8
62.5°	0.0	6.8	13.6	30.1	51.4	78.4	110.7	140.2	160.0	185.6	214.3
60°	0.0	7.3	14.7	34.2	57.2	87.8	122.8	154.6	178.0	209.3	240.4
57.5°	0.0	7.9	17.3	38.2	63.9	96.8	131.1	167.4	198.1	232.7	263.2
55°	0.0	8.4	19.8	41.9	70.3	105.2	138.0	176.8	218.5	254.7	284.1
52.5°	0.0	8.9	22.2	45.5	76.2	112.4	144.0	189.5	238.5	273.3	304.7
50°	0.0	9.4	24.5	48.8	81.8	116.0	149.0	201.3	257.1	291.6	327.6
47.5°	0.0	9.9	26.8	52.1	86.9	118.9	153.5	211.7	272.9	309.4	349.9
45°	0.0	10.4	28.9	55.6	91.6	121.1	161.0	220.6	281.0	328.6	371.3
42.5°	0.0	10.8	31.0	58.8	95.9	122.5	167.3	226.9	287.3	347.0	393.2
40°	0.0	11.3	32.9	62.2	98.1	123.2	172.4	231.0	292.8	363.3	414.4
37.5°	0.0	11.7	34.7	65.6	98.4	123.2	176.4	233.9	298.8	371.3	434.6
35°	0.0	12.0	36.4	69.0	98.3	124.8	179.2	235.6	303.8	383.2	454.1
32.5°	0.0	12.4	38.0	72.3	97.7	126.7	180.6	236.0	307.9	397.6	471.9
30°	0.0	12.7	39.4	75.5	96.7	127.9	180.5	236.0	311.0	414.4	489.4
27.5°	0.0	13.0	40.8	78.6	97.8	128.2	179.4	237.5	317.1	433.3	506.5
25°	0.0	13.3	42.0	81.5	98.9	127.8	177.5	238.2	329.9	449.1	523.3
22.5°	0.0	13.6	43.0	84.2	99.9	128.1	174.6	237.9	343.2	462.1	544.0
20°	0.0	13.8	44.0	86.8	100.7	131.4	171.0	236.6	356.7	474.3	562.8
17.5°	0.0	14.0	44.8	89.3	101.3	134.3	171.2	234.4	370.0	485.5	579.5
15°	0.0	14.2	45.5	91.5	101.9	136.9	173.7	233.7	382.9	495.8	594.2
12.5°	0.0	14.4	46.1	93.5	102.2	139.1	175.8	234.7	391.8	504.9	606.9
10°	0.0	14.5	46.5	95.3	102.5	140.8	177.4	234.1	395.4	512.5	617.6
7.5°	0.0	14.6	46.8	96.9	102.7	142.2	178.5	232.2	395.8	519.9	626.7
5°	0.0	14.6	47.0	98.2	102.8	143.2	179.2	229.2	393.0	526.5	633.5
2.5°	0.0	14.7	47.1	99.2	102.9	143.8	179.5	225.2	387.4	531.8	638.2
0°	0.0	14.7	47.0	99.9	102.9	144.0	179.3	220.4	379.1	534.9	640.6
-2.5°	0.0	14.7	47.1	99.2	102.9	143.8	179.5	225.2	387.4	531.8	638.2
-5°	0.0	14.6	47.0	98.2	102.8	143.2	179.2	229.2	393.0	526.5	633.5
-7.5°	0.0	14.6	46.8	96.9	102.7	142.2	178.5	232.2	395.8	519.9	626.7
-10°	0.0	14.5	46.5	95.3	102.5	140.8	177.4	234.1	395.4	512.5	617.6
-12.5°	0.0	14.4	46.1	93.5	102.2	139.1	175.8	234.7	391.8	504.9	606.9
-15°	0.0	14.2	45.5	91.5	101.9	136.9	173.7	233.7	382.9	495.8	594.2
-17.5°	0.0	14.0	44.8	89.3	101.3	134.3	171.2	234.4	370.0	485.5	579.5
-20°	0.0	13.8	44.0	86.8	100.7	131.4	171.0	236.6	356.7	474.3	562.8



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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	13.6	43.0	84.2	99.9	128.1	174.6	237.9	343.2	462.1	544.0
-25°	0.0	13.3	42.0	81.5	98.9	127.8	177.5	238.2	329.9	449.1	523.3
-27.5°	0.0	13.0	40.8	78.6	97.8	128.2	179.4	237.5	317.1	433.3	506.5
-30°	0.0	12.7	39.4	75.5	96.7	127.9	180.5	236.0	311.0	414.4	489.4
-32.5°	0.0	12.4	38.0	72.3	97.7	126.7	180.6	236.0	307.9	397.6	471.9
-35°	0.0	12.0	36.4	69.0	98.3	124.8	179.2	235.6	303.8	383.2	454.1
-37.5°	0.0	11.7	34.7	65.6	98.4	123.2	176.4	233.9	298.8	371.3	434.6
-40°	0.0	11.3	32.9	62.2	98.1	123.2	172.4	231.0	292.8	363.3	414.4
-42.5°	0.0	10.8	31.0	58.8	95.9	122.5	167.3	226.9	287.3	347.0	393.2
-45°	0.0	10.4	28.9	55.6	91.6	121.1	161.0	220.6	281.0	328.6	371.3
-47.5°	0.0	9.9	26.8	52.1	86.9	118.9	153.5	211.7	272.9	309.4	349.9
-50°	0.0	9.4	24.5	48.8	81.8	116.0	149.0	201.3	257.1	291.6	327.6
-52.5°	0.0	8.9	22.2	45.5	76.2	112.4	144.0	189.5	238.5	273.3	304.7
-55°	0.0	8.4	19.8	41.9	70.3	105.2	138.0	176.8	218.5	254.7	284.1
-57.5°	0.0	7.9	17.3	38.2	63.9	96.8	131.1	167.4	198.1	232.7	263.2
-60°	0.0	7.3	14.7	34.2	57.2	87.8	122.8	154.6	178.0	209.3	240.4
-62.5°	0.0	6.8	13.6	30.1	51.4	78.4	110.7	140.2	160.0	185.6	214.3
-65°	0.0	6.2	12.4	25.8	45.3	68.4	97.9	124.3	141.0	162.2	187.8
-67.5°	0.0	5.6	11.2	21.4	39.0	59.0	84.5	106.8	121.1	137.9	159.2
-70°	0.0	5.0	10.0	16.8	32.4	50.2	70.6	89.3	102.1	112.5	128.7
-72.5°	0.0	4.4	8.8	14.4	25.7	41.2	58.6	71.9	83.3	92.4	99.3
-75°	0.0	3.8	7.6	12.4	18.7	31.9	46.7	57.0	64.5	72.7	78.8
-77.5°	0.0	3.2	6.4	10.4	15.1	22.3	34.5	43.0	49.4	54.2	58.6
-80°	0.0	2.6	5.1	8.4	12.1	16.4	22.0	29.1	34.8	39.1	42.2
-82.5°	0.0	1.9	3.8	6.3	9.1	12.3	15.9	17.9	20.2	24.1	27.1
-85°	0.0	1.3	2.6	4.2	6.1	8.3	10.6	11.9	13.1	14.0	14.9
-87.5°	0.0	0.6	1.3	2.1	3.1	4.1	5.3	6.0	6.5	7.0	7.4
-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°	7.5	7.4	7.1	6.8	6.3	5.7	5.0	4.2	4.3	4.5	4.7
85°	14.9	14.7	15.9	17.0	17.4	17.3	16.7	15.7	18.0	20.7	23.5
82.5°	29.7	32.3	34.8	37.2	37.3	36.4	35.1	33.7	38.8	45.2	52.0
80°	46.0	49.9	55.7	61.5	63.1	62.6	60.6	57.3	64.5	74.9	86.7
77.5°	65.8	73.7	81.8	89.8	91.9	90.2	86.3	80.3	89.3	106.3	125.0
75°	87.3	97.5	110.2	120.2	122.4	118.9	113.0	107.7	118.7	139.7	159.8
72.5°	114.1	130.6	143.2	152.1	152.7	149.5	146.6	143.9	156.1	181.0	201.6
70°	148.2	164.8	174.6	180.0	181.2	183.2	191.5	199.4	211.6	232.9	249.8
67.5°	182.0	195.2	204.0	210.5	223.1	235.0	246.5	258.4	272.1	290.1	303.0
65°	212.1	225.6	237.3	252.5	270.9	285.5	300.9	317.7	336.5	353.4	365.8
62.5°	241.9	256.3	272.7	292.8	314.3	333.8	356.5	379.7	402.1	421.4	442.4
60°	266.3	285.7	307.6	331.9	357.6	387.4	414.6	441.4	466.0	490.1	519.7
57.5°	289.6	315.8	342.6	371.7	405.5	441.7	473.7	503.1	533.9	568.8	597.9
55°	314.0	346.9	377.8	412.9	453.2	496.8	531.9	565.0	603.0	644.9	677.5
52.5°	340.4	376.8	413.0	455.1	503.8	547.2	583.9	625.2	671.3	716.7	754.5
50°	366.0	406.1	448.1	501.7	550.0	591.4	636.9	686.8	734.9	781.6	826.4
47.5°	391.8	434.7	490.5	545.3	590.5	639.0	692.1	743.4	794.0	842.6	889.5
45°	417.0	467.9	530.0	581.9	632.2	687.9	742.8	796.6	849.8	901.5	952.6
42.5°	441.4	500.6	563.0	617.4	675.3	733.5	790.9	847.8	904.0	959.4	1013.9
40°	468.0	530.4	596.0	655.5	715.8	776.6	837.0	897.0	956.3	1015.0	1072.8
37.5°	492.6	561.3	629.6	691.8	754.0	817.6	880.9	944.5	1007.0	1068.1	1134.0
35°	514.6	592.5	661.5	726.7	791.8	856.3	923.3	990.2	1056.1	1122.4	1206.4
32.5°	539.2	623.9	691.5	760.4	827.7	894.1	963.8	1034.6	1104.6	1182.2	1302.9
30°	567.0	650.1	720.1	792.4	861.4	931.2	1003.2	1077.1	1150.8	1271.4	1550.2
27.5°	594.0	674.2	747.8	821.8	892.8	965.4	1040.8	1117.3	1220.0	1405.4	1857.8
25°	619.1	697.5	773.8	848.7	922.1	997.3	1075.3	1154.8	1294.3	1668.8	2668.0
22.5°	640.2	719.8	799.2	873.4	948.5	1026.3	1107.3	1212.9	1428.3	1934.6	3569.5
20°	658.2	741.1	822.3	899.4	973.3	1052.0	1136.3	1268.1	1632.1	2693.4	4649.9
17.5°	675.0	760.4	843.5	924.1	1001.8	1078.9	1165.5	1315.9	1815.5	3353.0	5736.3
15°	690.4	777.7	863.3	947.3	1027.7	1108.0	1211.4	1451.5	2186.5	4007.7	6704.0
12.5°	704.2	793.0	881.3	968.7	1050.9	1134.0	1252.6	1586.3	2640.9	4775.9	7364.3
10°	716.3	806.0	897.4	988.2	1071.4	1156.8	1287.4	1696.9	3014.5	5407.7	7895.1
7.5°	727.6	818.6	912.4	1005.5	1089.2	1176.3	1315.9	1783.3	3303.0	5883.5	8318.6
5°	737.0	831.0	930.0	1024.4	1111.4	1197.6	1340.3	1845.4	3505.8	6204.1	8627.0
2.5°	744.4	841.3	945.3	1041.2	1136.0	1223.4	1368.2	1891.2	3636.5	6408.4	8824.3
0°	749.4	849.3	958.0	1055.0	1157.9	1246.0	1390.0	1913.1	3685.2	6482.9	8898.6
-2.5°	744.4	841.3	945.3	1041.2	1136.0	1223.4	1368.2	1891.2	3636.5	6408.4	8824.3
-5°	737.0	831.0	930.0	1024.4	1111.4	1197.6	1340.3	1845.4	3505.8	6204.1	8627.0
-7.5°	727.6	818.6	912.4	1005.5	1089.2	1176.3	1315.9	1783.3	3303.0	5883.5	8318.6
-10°	716.3	806.0	897.4	988.2	1071.4	1156.8	1287.4	1696.9	3014.5	5407.7	7895.1
-12.5°	704.2	793.0	881.3	968.7	1050.9	1134.0	1252.6	1586.3	2640.9	4775.9	7364.3
-15°	690.4	777.7	863.3	947.3	1027.7	1108.0	1211.4	1451.5	2186.5	4007.7	6704.0
-17.5°	675.0	760.4	843.5	924.1	1001.8	1078.9	1165.5	1315.9	1815.5	3353.0	5736.3
-20°	658.2	741.1	822.3	899.4	973.3	1052.0	1136.3	1268.1	1632.1	2693.4	4649.9



REPORT NUMBER: P559229 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-927-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	640.2	719.8	799.2	873.4	948.5	1026.3	1107.3	1212.9	1428.3	1934.6	3569.5
-25°	619.1	697.5	773.8	848.7	922.1	997.3	1075.3	1154.8	1294.3	1668.8	2668.0
-27.5°	594.0	674.2	747.8	821.8	892.8	965.4	1040.8	1117.3	1220.0	1405.4	1857.8
-30°	567.0	650.1	720.1	792.4	861.4	931.2	1003.2	1077.1	1150.8	1271.4	1550.2
-32.5°	539.2	623.9	691.5	760.4	827.7	894.1	963.8	1034.6	1104.6	1182.2	1302.9
-35°	514.6	592.5	661.5	726.7	791.8	856.3	923.3	990.2	1056.1	1122.4	1206.4
-37.5°	492.6	561.3	629.6	691.8	754.0	817.6	880.9	944.5	1007.0	1068.1	1134.0
-40°	468.0	530.4	596.0	655.5	715.8	776.6	837.0	897.0	956.3	1015.0	1072.8
-42.5°	441.4	500.6	563.0	617.4	675.3	733.5	790.9	847.8	904.0	959.4	1013.9
-45°	417.0	467.9	530.0	581.9	632.2	687.9	742.8	796.6	849.8	901.5	952.6
-47.5°	391.8	434.7	490.5	545.3	590.5	639.0	692.1	743.4	794.0	842.6	889.5
-50°	366.0	406.1	448.1	501.7	550.0	591.4	636.9	686.8	734.9	781.6	826.4
-52.5°	340.4	376.8	413.0	455.1	503.8	547.2	583.9	625.2	671.3	716.7	754.5
-55°	314.0	346.9	377.8	412.9	453.2	496.8	531.9	565.0	603.0	644.9	677.5
-57.5°	289.6	315.8	342.6	371.7	405.5	441.7	473.7	503.1	533.9	568.8	597.9
-60°	266.3	285.7	307.6	331.9	357.6	387.4	414.6	441.4	466.0	490.1	519.7
-62.5°	241.9	256.3	272.7	292.8	314.3	333.8	356.5	379.7	402.1	421.4	442.4
-65°	212.1	225.6	237.3	252.5	270.9	285.5	300.9	317.7	336.5	353.4	365.8
-67.5°	182.0	195.2	204.0	210.5	223.1	235.0	246.5	258.4	272.1	290.1	303.0
-70°	148.2	164.8	174.6	180.0	181.2	183.2	191.5	199.4	211.6	232.9	249.8
-72.5°	114.1	130.6	143.2	152.1	152.7	149.5	146.6	143.9	156.1	181.0	201.6
-75°	87.3	97.5	110.2	120.2	122.4	118.9	113.0	107.7	118.7	139.7	159.8
-77.5°	65.8	73.7	81.8	89.8	91.9	90.2	86.3	80.3	89.3	106.3	125.0
-80°	46.0	49.9	55.7	61.5	63.1	62.6	60.6	57.3	64.5	74.9	86.7
-82.5°	29.7	32.3	34.8	37.2	37.3	36.4	35.1	33.7	38.8	45.2	52.0
-85°	14.9	14.7	15.9	17.0	17.4	17.3	16.7	15.7	18.0	20.7	23.5
-87.5°	7.5	7.4	7.1	6.8	6.3	5.7	5.0	4.2	4.3	4.5	4.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559229 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-927-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.8	5.0	5.1	5.2	5.3	5.5	5.5	5.6	5.7	5.0	4.3
85°	26.4	25.6	24.3	22.5	20.3	21.4	22.6	23.8	25.0	23.3	21.5
82.5°	59.2	60.0	60.0	59.9	59.6	62.2	64.7	66.8	68.7	63.4	57.4
80°	99.8	104.6	107.4	110.0	112.2	112.2	110.7	108.1	104.4	95.5	85.6
77.5°	144.3	151.8	155.5	159.4	163.2	164.5	165.4	166.5	167.5	152.0	132.2
75°	179.0	190.1	196.6	202.6	208.1	211.3	213.1	214.2	214.7	195.9	171.9
72.5°	218.3	229.3	237.0	244.5	251.4	255.9	258.5	260.5	261.8	245.5	222.5
70°	261.8	270.4	279.7	288.9	297.4	303.1	307.0	310.0	312.3	310.7	309.5
67.5°	313.1	320.7	332.0	340.7	349.6	356.0	362.5	367.7	371.6	376.0	380.9
65°	377.5	395.5	412.0	420.4	421.6	430.7	445.6	455.2	460.0	463.9	468.7
62.5°	466.8	488.9	500.7	514.7	532.8	549.6	556.1	564.9	575.3	587.8	602.1
60°	543.6	561.8	580.7	600.0	616.7	630.6	645.8	660.9	674.5	687.1	699.3
57.5°	622.0	642.0	661.1	683.9	699.8	709.2	723.9	741.9	755.8	766.7	783.1
55°	703.3	729.1	755.1	775.6	790.7	800.6	811.8	829.1	839.4	843.3	862.3
52.5°	785.1	815.6	847.6	871.7	887.6	902.5	916.2	931.4	941.8	946.9	965.5
50°	860.8	897.1	932.9	964.2	985.4	1010.0	1037.9	1051.7	1060.5	1070.4	1091.2
47.5°	932.8	973.4	1011.7	1047.1	1077.7	1105.4	1129.4	1152.5	1186.5	1213.6	1240.3
45°	1002.1	1045.4	1086.9	1126.6	1160.8	1214.9	1266.4	1310.3	1427.6	1526.1	1601.3
42.5°	1067.3	1119.6	1166.3	1232.6	1304.7	1429.7	1622.6	1801.4	2147.4	2592.8	2964.7
40°	1135.3	1203.1	1286.8	1415.8	1659.8	1910.6	2660.6	3329.0	3986.2	4733.7	5374.2
37.5°	1214.6	1316.7	1562.3	1853.7	2636.1	3501.5	4564.3	5607.6	6516.1	7293.4	7942.4
35°	1319.6	1635.3	2094.1	3156.0	4311.9	5730.7	6955.7	7936.9	8834.3	9554.6	10096.7
32.5°	1629.3	2206.8	3418.9	4879.3	6469.2	7840.0	9033.1	9972.6	10791.2	11436.7	11939.3
30°	2082.6	3410.0	5056.1	6805.2	8388.8	9697.7	10800.0	11695.5	12426.3	13083.2	13634.6
27.5°	3160.0	4868.0	6802.8	8586.8	10027.2	11252.6	12241.6	13128.6	13934.3	14625.9	15277.9
25°	4338.9	6453.3	8404.8	10028.5	11372.8	12522.4	13565.5	14535.8	15437.7	16247.3	17005.7
22.5°	5754.7	7863.4	9728.6	11231.4	12534.0	13715.0	14822.8	15902.7	16952.6	17940.5	18858.1
20°	7036.7	9106.2	10732.6	12233.4	13586.7	14817.4	16038.3	17296.9	18508.6	19698.6	20803.5
17.5°	8035.6	9960.9	11593.7	13114.9	14492.4	15886.1	17283.5	18729.0	20190.6	21572.5	22894.1
15°	8869.7	10673.9	12328.5	13849.6	15364.2	16901.9	18463.0	20165.9	21904.5	23558.4	25243.0
12.5°	9461.0	11268.8	12946.3	14472.5	16170.7	17839.9	19657.1	21598.0	23605.7	25532.3	27601.6
10°	9936.4	11743.4	13406.8	15052.5	16849.6	18700.5	20738.6	22876.4	25272.2	27553.5	29783.0
7.5°	10344.3	12139.4	13776.9	15525.4	17414.6	19448.9	21665.6	24082.4	26675.2	29213.7	31867.5
5°	10642.7	12409.3	14064.4	15913.2	17848.9	19995.7	22380.5	24963.0	27743.6	30525.0	33149.5
2.5°	10800.6	12563.2	14243.2	16153.7	18103.5	20327.0	22810.7	25548.0	28485.0	31519.9	34107.7
0°	10797.0	12627.8	14311.7	16316.0	18290.8	20427.3	22995.8	25922.8	28788.1	31941.3	34598.0
-2.5°	10800.6	12563.2	14243.2	16153.7	18103.5	20327.0	22810.7	25548.0	28485.0	31519.9	34107.7
-5°	10642.7	12409.3	14064.4	15913.2	17848.9	19995.7	22380.5	24963.0	27743.6	30525.0	33149.5
-7.5°	10344.3	12139.4	13776.9	15525.4	17414.6	19448.9	21665.6	24082.4	26675.2	29213.7	31867.5
-10°	9936.4	11743.4	13406.8	15052.5	16849.6	18700.5	20738.6	22876.4	25272.2	27553.5	29783.0
-12.5°	9461.0	11268.8	12946.3	14472.5	16170.7	17839.9	19657.1	21598.0	23605.7	25532.3	27601.6
-15°	8869.7	10673.9	12328.5	13849.6	15364.2	16901.9	18463.0	20165.9	21904.5	23558.4	25243.0
-17.5°	8035.6	9960.9	11593.7	13114.9	14492.4	15886.1	17283.5	18729.0	20190.6	21572.5	22894.1
-20°	7036.7	9106.2	10732.6	12233.4	13586.7	14817.4	16038.3	17296.9	18508.6	19698.6	20803.5



REPORT NUMBER: P559229 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-927-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5754.7	7863.4	9728.6	11231.4	12534.0	13715.0	14822.8	15902.7	16952.6	17940.5	18858.1
-25°	4338.9	6453.3	8404.8	10028.5	11372.8	12522.4	13565.5	14535.8	15437.7	16247.3	17005.7
-27.5°	3160.0	4868.0	6802.8	8586.8	10027.2	11252.6	12241.6	13128.6	13934.3	14625.9	15277.9
-30°	2082.6	3410.0	5056.1	6805.2	8388.8	9697.7	10800.0	11695.5	12426.3	13083.2	13634.6
-32.5°	1629.3	2206.8	3418.9	4879.3	6469.2	7840.0	9033.1	9972.6	10791.2	11436.7	11939.3
-35°	1319.6	1635.3	2094.1	3156.0	4311.9	5730.7	6955.7	7936.9	8834.3	9554.6	10096.7
-37.5°	1214.6	1316.7	1562.3	1853.7	2636.1	3501.5	4564.3	5607.6	6516.1	7293.4	7942.4
-40°	1135.3	1203.1	1286.8	1415.8	1659.8	1910.6	2660.6	3329.0	3986.2	4733.7	5374.2
-42.5°	1067.3	1119.6	1166.3	1232.6	1304.7	1429.7	1622.6	1801.4	2147.4	2592.8	2964.7
-45°	1002.1	1045.4	1086.9	1126.6	1160.8	1214.9	1266.4	1310.3	1427.6	1526.1	1601.3
-47.5°	932.8	973.4	1011.7	1047.1	1077.7	1105.4	1129.4	1152.5	1186.5	1213.6	1240.3
-50°	860.8	897.1	932.9	964.2	985.4	1010.0	1037.9	1051.7	1060.5	1070.4	1091.2
-52.5°	785.1	815.6	847.6	871.7	887.6	902.5	916.2	931.4	941.8	946.9	965.5
-55°	703.3	729.1	755.1	775.6	790.7	800.6	811.8	829.1	839.4	843.3	862.3
-57.5°	622.0	642.0	661.1	683.9	699.8	709.2	723.9	741.9	755.8	766.7	783.1
-60°	543.6	561.8	580.7	600.0	616.7	630.6	645.8	660.9	674.5	687.1	699.3
-62.5°	466.8	488.9	500.7	514.7	532.8	549.6	556.1	564.9	575.3	587.8	602.1
-65°	377.5	395.5	412.0	420.4	421.6	430.7	445.6	455.2	460.0	463.9	468.7
-67.5°	313.1	320.7	332.0	340.7	349.6	356.0	362.5	367.7	371.6	376.0	380.9
-70°	261.8	270.4	279.7	288.9	297.4	303.1	307.0	310.0	312.3	310.7	309.5
-72.5°	218.3	229.3	237.0	244.5	251.4	255.9	258.5	260.5	261.8	245.5	222.5
-75°	179.0	190.1	196.6	202.6	208.1	211.3	213.1	214.2	214.7	195.9	171.9
-77.5°	144.3	151.8	155.5	159.4	163.2	164.5	165.4	166.5	167.5	152.0	132.2
-80°	99.8	104.6	107.4	110.0	112.2	112.2	110.7	108.1	104.4	95.5	85.6
-82.5°	59.2	60.0	60.0	59.9	59.6	62.2	64.7	66.8	68.7	63.4	57.4
-85°	26.4	25.6	24.3	22.5	20.3	21.4	22.6	23.8	25.0	23.3	21.5
-87.5°	4.8	5.0	5.1	5.2	5.3	5.5	5.5	5.6	5.7	5.0	4.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559229 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-927-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.6	2.9	2.9	2.9	2.9	2.9	3.6	4.3	5.0	5.7	5.6
85°	19.5	17.5	17.6	17.6	17.6	17.5	19.5	21.5	23.3	25.0	23.8
82.5°	50.8	43.9	44.0	44.1	44.0	43.9	50.8	57.4	63.4	68.7	66.8
80°	75.4	64.7	66.0	67.6	66.0	64.7	75.4	85.6	95.5	104.4	108.1
77.5°	111.0	88.8	88.1	88.2	88.1	88.8	111.0	132.2	152.0	167.5	166.5
75°	147.0	121.5	120.3	120.5	120.3	121.5	147.0	171.9	195.9	214.7	214.2
72.5°	198.7	174.4	163.3	152.8	163.3	174.4	198.7	222.5	245.5	261.8	260.5
70°	309.7	310.4	299.6	285.1	299.6	310.4	309.7	309.5	310.7	312.3	310.0
67.5°	385.0	388.2	392.7	396.7	392.7	388.2	385.0	380.9	376.0	371.6	367.7
65°	470.8	470.6	472.3	473.1	472.3	470.6	470.8	468.7	463.9	460.0	455.2
62.5°	614.4	624.3	631.3	634.8	631.3	624.3	614.4	602.1	587.8	575.3	564.9
60°	709.5	717.7	729.2	740.6	729.2	717.7	709.5	699.3	687.1	674.5	660.9
57.5°	798.4	812.2	823.4	831.7	823.4	812.2	798.4	783.1	766.7	755.8	741.9
55°	880.4	896.4	911.8	925.7	911.8	896.4	880.4	862.3	843.3	839.4	829.1
52.5°	983.5	996.7	1018.5	1046.2	1018.5	996.7	983.5	965.5	946.9	941.8	931.4
50°	1115.2	1135.1	1162.8	1196.1	1162.8	1135.1	1115.2	1091.2	1070.4	1060.5	1051.7
47.5°	1267.4	1287.5	1314.0	1348.9	1314.0	1287.5	1267.4	1240.3	1213.6	1186.5	1152.5
45°	1670.0	1717.0	1760.0	1807.3	1760.0	1717.0	1670.0	1601.3	1526.1	1427.6	1310.3
42.5°	3262.8	3468.9	3557.9	3505.9	3557.9	3468.9	3262.8	2964.7	2592.8	2147.4	1801.4
40°	5862.6	6205.2	6406.9	6477.0	6406.9	6205.2	5862.6	5374.2	4733.7	3986.2	3329.0
37.5°	8416.4	8731.8	8902.0	8922.1	8902.0	8731.8	8416.4	7942.4	7293.4	6516.1	5607.6
35°	10488.1	10747.9	10901.8	11017.4	10901.8	10747.9	10488.1	10096.7	9554.6	8834.3	7936.9
32.5°	12348.5	12644.6	12815.8	12777.7	12815.8	12644.6	12348.5	11939.3	11436.7	10791.2	9972.6
30°	14086.6	14410.4	14611.5	14617.4	14611.5	14410.4	14086.6	13634.6	13083.2	12426.3	11695.5
27.5°	15804.9	16168.4	16378.1	16542.3	16378.1	16168.4	15804.9	15277.9	14625.9	13934.3	13128.6
25°	17638.0	18091.1	18360.1	18523.0	18360.1	18091.1	17638.0	17005.7	16247.3	15437.7	14535.8
22.5°	19614.5	20175.7	20544.5	20697.7	20544.5	20175.7	19614.5	18858.1	17940.5	16952.6	15902.7
20°	21764.4	22459.9	22930.7	22916.4	22930.7	22459.9	21764.4	20803.5	19698.6	18508.6	17296.9
17.5°	24163.2	25060.3	25667.4	25755.3	25667.4	25060.3	24163.2	22894.1	21572.5	20190.6	18729.0
15°	26735.0	27891.6	28676.9	28920.3	28676.9	27891.6	26735.0	25243.0	23558.4	21904.5	20165.9
12.5°	29370.5	30746.2	31793.0	32141.2	31793.0	30746.2	29370.5	27601.6	25532.3	23605.7	21598.0
10°	31881.6	33405.4	34541.7	35044.7	34541.7	33405.4	31881.6	29783.0	27553.5	25272.2	22876.4
7.5°	33980.7	35529.1	36699.5	37113.6	36699.5	35529.1	33980.7	31867.5	29213.7	26675.2	24082.4
5°	35363.7	37055.2	37965.4	38477.1	37965.4	37055.2	35363.7	33149.5	30525.0	27743.6	24963.0
2.5°	36287.7	37722.1	38643.8	39114.8	38643.8	37722.1	36287.7	34107.7	31519.9	28485.0	25548.0
0°	36778.5	38239.1	38915.0	39144.2	38915.0	38239.1	36778.5	34598.0	31941.3	28788.1	25922.8
-2.5°	36287.7	37722.1	38643.8	39114.8	38643.8	37722.1	36287.7	34107.7	31519.9	28485.0	25548.0
-5°	35363.7	37055.2	37965.4	38477.1	37965.4	37055.2	35363.7	33149.5	30525.0	27743.6	24963.0
-7.5°	33980.7	35529.1	36699.5	37113.6	36699.5	35529.1	33980.7	31867.5	29213.7	26675.2	24082.4
-10°	31881.6	33405.4	34541.7	35044.7	34541.7	33405.4	31881.6	29783.0	27553.5	25272.2	22876.4
-12.5°	29370.5	30746.2	31793.0	32141.2	31793.0	30746.2	29370.5	27601.6	25532.3	23605.7	21598.0
-15°	26735.0	27891.6	28676.9	28920.3	28676.9	27891.6	26735.0	25243.0	23558.4	21904.5	20165.9
-17.5°	24163.2	25060.3	25667.4	25755.3	25667.4	25060.3	24163.2	22894.1	21572.5	20190.6	18729.0
-20°	21764.4	22459.9	22930.7	22916.4	22930.7	22459.9	21764.4	20803.5	19698.6	18508.6	17296.9



REPORT NUMBER: P559229 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-927-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	19614.5	20175.7	20544.5	20697.7	20544.5	20175.7	19614.5	18858.1	17940.5	16952.6	15902.7
-25°	17638.0	18091.1	18360.1	18523.0	18360.1	18091.1	17638.0	17005.7	16247.3	15437.7	14535.8
-27.5°	15804.9	16168.4	16378.1	16542.3	16378.1	16168.4	15804.9	15277.9	14625.9	13934.3	13128.6
-30°	14086.6	14410.4	14611.5	14617.4	14611.5	14410.4	14086.6	13634.6	13083.2	12426.3	11695.5
-32.5°	12348.5	12644.6	12815.8	12777.7	12815.8	12644.6	12348.5	11939.3	11436.7	10791.2	9972.6
-35°	10488.1	10747.9	10901.8	11017.4	10901.8	10747.9	10488.1	10096.7	9554.6	8834.3	7936.9
-37.5°	8416.4	8731.8	8902.0	8922.1	8902.0	8731.8	8416.4	7942.4	7293.4	6516.1	5607.6
-40°	5862.6	6205.2	6406.9	6477.0	6406.9	6205.2	5862.6	5374.2	4733.7	3986.2	3329.0
-42.5°	3262.8	3468.9	3557.9	3505.9	3557.9	3468.9	3262.8	2964.7	2592.8	2147.4	1801.4
-45°	1670.0	1717.0	1760.0	1807.3	1760.0	1717.0	1670.0	1601.3	1526.1	1427.6	1310.3
-47.5°	1267.4	1287.5	1314.0	1348.9	1314.0	1287.5	1267.4	1240.3	1213.6	1186.5	1152.5
-50°	1115.2	1135.1	1162.8	1196.1	1162.8	1135.1	1115.2	1091.2	1070.4	1060.5	1051.7
-52.5°	983.5	996.7	1018.5	1046.2	1018.5	996.7	983.5	965.5	946.9	941.8	931.4
-55°	880.4	896.4	911.8	925.7	911.8	896.4	880.4	862.3	843.3	839.4	829.1
-57.5°	798.4	812.2	823.4	831.7	823.4	812.2	798.4	783.1	766.7	755.8	741.9
-60°	709.5	717.7	729.2	740.6	729.2	717.7	709.5	699.3	687.1	674.5	660.9
-62.5°	614.4	624.3	631.3	634.8	631.3	624.3	614.4	602.1	587.8	575.3	564.9
-65°	470.8	470.6	472.3	473.1	472.3	470.6	470.8	468.7	463.9	460.0	455.2
-67.5°	385.0	388.2	392.7	396.7	392.7	388.2	385.0	380.9	376.0	371.6	367.7
-70°	309.7	310.4	299.6	285.1	299.6	310.4	309.7	309.5	310.7	312.3	310.0
-72.5°	198.7	174.4	163.3	152.8	163.3	174.4	198.7	222.5	245.5	261.8	260.5
-75°	147.0	121.5	120.3	120.5	120.3	121.5	147.0	171.9	195.9	214.7	214.2
-77.5°	111.0	88.8	88.1	88.2	88.1	88.8	111.0	132.2	152.0	167.5	166.5
-80°	75.4	64.7	66.0	67.6	66.0	64.7	75.4	85.6	95.5	104.4	108.1
-82.5°	50.8	43.9	44.0	44.1	44.0	43.9	50.8	57.4	63.4	68.7	66.8
-85°	19.5	17.5	17.6	17.6	17.6	17.5	19.5	21.5	23.3	25.0	23.8
-87.5°	3.6	2.9	2.9	2.9	2.9	2.9	3.6	4.3	5.0	5.7	5.6
-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: P559229 (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°	5.5	5.5	5.3	5.2	5.1	5.0	4.8	4.7	4.5	4.3	4.2
85°	22.6	21.4	20.3	22.5	24.3	25.6	26.4	23.5	20.7	18.0	15.7
82.5°	64.7	62.2	59.6	59.9	60.0	60.0	59.2	52.0	45.2	38.8	33.7
80°	110.7	112.2	112.2	110.0	107.4	104.6	99.8	86.7	74.9	64.5	57.3
77.5°	165.4	164.5	163.2	159.4	155.5	151.8	144.3	125.0	106.3	89.3	80.3
75°	213.1	211.3	208.1	202.6	196.6	190.1	179.0	159.8	139.7	118.7	107.7
72.5°	258.5	255.9	251.4	244.5	237.0	229.3	218.3	201.6	181.0	156.1	143.9
70°	307.0	303.1	297.4	288.9	279.7	270.4	261.8	249.8	232.9	211.6	199.4
67.5°	362.5	356.0	349.6	340.7	332.0	320.7	313.1	303.0	290.1	272.1	258.4
65°	445.6	430.7	421.6	420.4	412.0	395.5	377.5	365.8	353.4	336.5	317.7
62.5°	556.1	549.6	532.8	514.7	500.7	488.9	466.8	442.4	421.4	402.1	379.7
60°	645.8	630.6	616.7	600.0	580.7	561.8	543.6	519.7	490.1	466.0	441.4
57.5°	723.9	709.2	699.8	683.9	661.1	642.0	622.0	597.9	568.8	533.9	503.1
55°	811.8	800.6	790.7	775.6	755.1	729.1	703.3	677.5	644.9	603.0	565.0
52.5°	916.2	902.5	887.6	871.7	847.6	815.6	785.1	754.5	716.7	671.3	625.2
50°	1037.9	1010.0	985.4	964.2	932.9	897.1	860.8	826.4	781.6	734.9	686.8
47.5°	1129.4	1105.4	1077.7	1047.1	1011.7	973.4	932.8	889.5	842.6	794.0	743.4
45°	1266.4	1214.9	1160.8	1126.6	1086.9	1045.4	1002.1	952.6	901.5	849.8	796.6
42.5°	1622.6	1429.7	1304.7	1232.6	1166.3	1119.6	1067.3	1013.9	959.4	904.0	847.8
40°	2660.6	1910.6	1659.8	1415.8	1286.8	1203.1	1135.3	1072.8	1015.0	956.3	897.0
37.5°	4564.3	3501.5	2636.1	1853.7	1562.3	1316.7	1214.6	1134.0	1068.1	1007.0	944.5
35°	6955.7	5730.7	4311.9	3156.0	2094.1	1635.3	1319.6	1206.4	1122.4	1056.1	990.2
32.5°	9033.1	7840.0	6469.2	4879.3	3418.9	2206.8	1629.3	1302.9	1182.2	1104.6	1034.6
30°	10800.0	9697.7	8388.8	6805.2	5056.1	3410.0	2082.6	1550.2	1271.4	1150.8	1077.1
27.5°	12241.6	11252.6	10027.2	8586.8	6802.8	4868.0	3160.0	1857.8	1405.4	1220.0	1117.3
25°	13565.5	12522.4	11372.8	10028.5	8404.8	6453.3	4338.9	2668.0	1668.8	1294.3	1154.8
22.5°	14822.8	13715.0	12534.0	11231.4	9728.6	7863.4	5754.7	3569.5	1934.6	1428.3	1212.9
20°	16038.3	14817.4	13586.7	12233.4	10732.6	9106.2	7036.7	4649.9	2693.4	1632.1	1268.1
17.5°	17283.5	15886.1	14492.4	13114.9	11593.7	9960.9	8035.6	5736.3	3353.0	1815.5	1315.9
15°	18463.0	16901.9	15364.2	13849.6	12328.5	10673.9	8869.7	6704.0	4007.7	2186.5	1451.5
12.5°	19657.1	17839.9	16170.7	14472.5	12946.3	11268.8	9461.0	7364.3	4775.9	2640.9	1586.3
10°	20738.6	18700.5	16849.6	15052.5	13406.8	11743.4	9936.4	7895.1	5407.7	3014.5	1696.9
7.5°	21665.6	19448.9	17414.6	15525.4	13776.9	12139.4	10344.3	8318.6	5883.5	3303.0	1783.3
5°	22380.5	19995.7	17848.9	15913.2	14064.4	12409.3	10642.7	8627.0	6204.1	3505.8	1845.4
2.5°	22810.7	20327.0	18103.5	16153.7	14243.2	12563.2	10800.6	8824.3	6408.4	3636.5	1891.2
0°	22995.8	20427.3	18290.8	16316.0	14311.7	12627.8	10797.0	8898.6	6482.9	3685.2	1913.1
-2.5°	22810.7	20327.0	18103.5	16153.7	14243.2	12563.2	10800.6	8824.3	6408.4	3636.5	1891.2
-5°	22380.5	19995.7	17848.9	15913.2	14064.4	12409.3	10642.7	8627.0	6204.1	3505.8	1845.4
-7.5°	21665.6	19448.9	17414.6	15525.4	13776.9	12139.4	10344.3	8318.6	5883.5	3303.0	1783.3
-10°	20738.6	18700.5	16849.6	15052.5	13406.8	11743.4	9936.4	7895.1	5407.7	3014.5	1696.9
-12.5°	19657.1	17839.9	16170.7	14472.5	12946.3	11268.8	9461.0	7364.3	4775.9	2640.9	1586.3
-15°	18463.0	16901.9	15364.2	13849.6	12328.5	10673.9	8869.7	6704.0	4007.7	2186.5	1451.5
-17.5°	17283.5	15886.1	14492.4	13114.9	11593.7	9960.9	8035.6	5736.3	3353.0	1815.5	1315.9
-20°	16038.3	14817.4	13586.7	12233.4	10732.6	9106.2	7036.7	4649.9	2693.4	1632.1	1268.1



REPORT NUMBER: P559229 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-927-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	14822.8	13715.0	12534.0	11231.4	9728.6	7863.4	5754.7	3569.5	1934.6	1428.3	1212.9
-25°	13565.5	12522.4	11372.8	10028.5	8404.8	6453.3	4338.9	2668.0	1668.8	1294.3	1154.8
-27.5°	12241.6	11252.6	10027.2	8586.8	6802.8	4868.0	3160.0	1857.8	1405.4	1220.0	1117.3
-30°	10800.0	9697.7	8388.8	6805.2	5056.1	3410.0	2082.6	1550.2	1271.4	1150.8	1077.1
-32.5°	9033.1	7840.0	6469.2	4879.3	3418.9	2206.8	1629.3	1302.9	1182.2	1104.6	1034.6
-35°	6955.7	5730.7	4311.9	3156.0	2094.1	1635.3	1319.6	1206.4	1122.4	1056.1	990.2
-37.5°	4564.3	3501.5	2636.1	1853.7	1562.3	1316.7	1214.6	1134.0	1068.1	1007.0	944.5
-40°	2660.6	1910.6	1659.8	1415.8	1286.8	1203.1	1135.3	1072.8	1015.0	956.3	897.0
-42.5°	1622.6	1429.7	1304.7	1232.6	1166.3	1119.6	1067.3	1013.9	959.4	904.0	847.8
-45°	1266.4	1214.9	1160.8	1126.6	1086.9	1045.4	1002.1	952.6	901.5	849.8	796.6
-47.5°	1129.4	1105.4	1077.7	1047.1	1011.7	973.4	932.8	889.5	842.6	794.0	743.4
-50°	1037.9	1010.0	985.4	964.2	932.9	897.1	860.8	826.4	781.6	734.9	686.8
-52.5°	916.2	902.5	887.6	871.7	847.6	815.6	785.1	754.5	716.7	671.3	625.2
-55°	811.8	800.6	790.7	775.6	755.1	729.1	703.3	677.5	644.9	603.0	565.0
-57.5°	723.9	709.2	699.8	683.9	661.1	642.0	622.0	597.9	568.8	533.9	503.1
-60°	645.8	630.6	616.7	600.0	580.7	561.8	543.6	519.7	490.1	466.0	441.4
-62.5°	556.1	549.6	532.8	514.7	500.7	488.9	466.8	442.4	421.4	402.1	379.7
-65°	445.6	430.7	421.6	420.4	412.0	395.5	377.5	365.8	353.4	336.5	317.7
-67.5°	362.5	356.0	349.6	340.7	332.0	320.7	313.1	303.0	290.1	272.1	258.4
-70°	307.0	303.1	297.4	288.9	279.7	270.4	261.8	249.8	232.9	211.6	199.4
-72.5°	258.5	255.9	251.4	244.5	237.0	229.3	218.3	201.6	181.0	156.1	143.9
-75°	213.1	211.3	208.1	202.6	196.6	190.1	179.0	159.8	139.7	118.7	107.7
-77.5°	165.4	164.5	163.2	159.4	155.5	151.8	144.3	125.0	106.3	89.3	80.3
-80°	110.7	112.2	112.2	110.0	107.4	104.6	99.8	86.7	74.9	64.5	57.3
-82.5°	64.7	62.2	59.6	59.9	60.0	60.0	59.2	52.0	45.2	38.8	33.7
-85°	22.6	21.4	20.3	22.5	24.3	25.6	26.4	23.5	20.7	18.0	15.7
-87.5°	5.5	5.5	5.3	5.2	5.1	5.0	4.8	4.7	4.5	4.3	4.2
-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: P559229 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-927-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.0	5.7	6.3	6.8	7.1	7.4	7.5	7.4	7.0	6.5	6.0
85°	16.7	17.3	17.4	17.0	15.9	14.7	14.9	14.9	14.0	13.1	11.9
82.5°	35.1	36.4	37.3	37.2	34.8	32.3	29.7	27.1	24.1	20.2	17.9
80°	60.6	62.6	63.1	61.5	55.7	49.9	46.0	42.2	39.1	34.8	29.1
77.5°	86.3	90.2	91.9	89.8	81.8	73.7	65.8	58.6	54.2	49.4	43.0
75°	113.0	118.9	122.4	120.2	110.2	97.5	87.3	78.8	72.7	64.5	57.0
72.5°	146.6	149.5	152.7	152.1	143.2	130.6	114.1	99.3	92.4	83.3	71.9
70°	191.5	183.2	181.2	180.0	174.6	164.8	148.2	128.7	112.5	102.1	89.3
67.5°	246.5	235.0	223.1	210.5	204.0	195.2	182.0	159.2	137.9	121.1	106.8
65°	300.9	285.5	270.9	252.5	237.3	225.6	212.1	187.8	162.2	141.0	124.3
62.5°	356.5	333.8	314.3	292.8	272.7	256.3	241.9	214.3	185.6	160.0	140.2
60°	414.6	387.4	357.6	331.9	307.6	285.7	266.3	240.4	209.3	178.0	154.6
57.5°	473.7	441.7	405.5	371.7	342.6	315.8	289.6	263.2	232.7	198.1	167.4
55°	531.9	496.8	453.2	412.9	377.8	346.9	314.0	284.1	254.7	218.5	176.8
52.5°	583.9	547.2	503.8	455.1	413.0	376.8	340.4	304.7	273.3	238.5	189.5
50°	636.9	591.4	550.0	501.7	448.1	406.1	366.0	327.6	291.6	257.1	201.3
47.5°	692.1	639.0	590.5	545.3	490.5	434.7	391.8	349.9	309.4	272.9	211.7
45°	742.8	687.9	632.2	581.9	530.0	467.9	417.0	371.3	328.6	281.0	220.6
42.5°	790.9	733.5	675.3	617.4	563.0	500.6	441.4	393.2	347.0	287.3	226.9
40°	837.0	776.6	715.8	655.5	596.0	530.4	468.0	414.4	363.3	292.8	231.0
37.5°	880.9	817.6	754.0	691.8	629.6	561.3	492.6	434.6	371.3	298.8	233.9
35°	923.3	856.3	791.8	726.7	661.5	592.5	514.6	454.1	383.2	303.8	235.6
32.5°	963.8	894.1	827.7	760.4	691.5	623.9	539.2	471.9	397.6	307.9	236.0
30°	1003.2	931.2	861.4	792.4	720.1	650.1	567.0	489.4	414.4	311.0	236.0
27.5°	1040.8	965.4	892.8	821.8	747.8	674.2	594.0	506.5	433.3	317.1	237.5
25°	1075.3	997.3	922.1	848.7	773.8	697.5	619.1	523.3	449.1	329.9	238.2
22.5°	1107.3	1026.3	948.5	873.4	799.2	719.8	640.2	544.0	462.1	343.2	237.9
20°	1136.3	1052.0	973.3	899.4	822.3	741.1	658.2	562.8	474.3	356.7	236.6
17.5°	1165.5	1078.9	1001.8	924.1	843.5	760.4	675.0	579.5	485.5	370.0	234.4
15°	1211.4	1108.0	1027.7	947.3	863.3	777.7	690.4	594.2	495.8	382.9	233.7
12.5°	1252.6	1134.0	1050.9	968.7	881.3	793.0	704.2	606.9	504.9	391.8	234.7
10°	1287.4	1156.8	1071.4	988.2	897.4	806.0	716.3	617.6	512.5	395.4	234.1
7.5°	1315.9	1176.3	1089.2	1005.5	912.4	818.6	727.6	626.7	519.9	395.8	232.2
5°	1340.3	1197.6	1111.4	1024.4	930.0	831.0	737.0	633.5	526.5	393.0	229.2
2.5°	1368.2	1223.4	1136.0	1041.2	945.3	841.3	744.4	638.2	531.8	387.4	225.2
0°	1390.0	1246.0	1157.9	1055.0	958.0	849.3	749.4	640.6	534.9	379.1	220.4
-2.5°	1368.2	1223.4	1136.0	1041.2	945.3	841.3	744.4	638.2	531.8	387.4	225.2
-5°	1340.3	1197.6	1111.4	1024.4	930.0	831.0	737.0	633.5	526.5	393.0	229.2
-7.5°	1315.9	1176.3	1089.2	1005.5	912.4	818.6	727.6	626.7	519.9	395.8	232.2
-10°	1287.4	1156.8	1071.4	988.2	897.4	806.0	716.3	617.6	512.5	395.4	234.1
-12.5°	1252.6	1134.0	1050.9	968.7	881.3	793.0	704.2	606.9	504.9	391.8	234.7
-15°	1211.4	1108.0	1027.7	947.3	863.3	777.7	690.4	594.2	495.8	382.9	233.7
-17.5°	1165.5	1078.9	1001.8	924.1	843.5	760.4	675.0	579.5	485.5	370.0	234.4
-20°	1136.3	1052.0	973.3	899.4	822.3	741.1	658.2	562.8	474.3	356.7	236.6



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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°	1107.3	1026.3	948.5	873.4	799.2	719.8	640.2	544.0	462.1	343.2	237.9
-25°	1075.3	997.3	922.1	848.7	773.8	697.5	619.1	523.3	449.1	329.9	238.2
-27.5°	1040.8	965.4	892.8	821.8	747.8	674.2	594.0	506.5	433.3	317.1	237.5
-30°	1003.2	931.2	861.4	792.4	720.1	650.1	567.0	489.4	414.4	311.0	236.0
-32.5°	963.8	894.1	827.7	760.4	691.5	623.9	539.2	471.9	397.6	307.9	236.0
-35°	923.3	856.3	791.8	726.7	661.5	592.5	514.6	454.1	383.2	303.8	235.6
-37.5°	880.9	817.6	754.0	691.8	629.6	561.3	492.6	434.6	371.3	298.8	233.9
-40°	837.0	776.6	715.8	655.5	596.0	530.4	468.0	414.4	363.3	292.8	231.0
-42.5°	790.9	733.5	675.3	617.4	563.0	500.6	441.4	393.2	347.0	287.3	226.9
-45°	742.8	687.9	632.2	581.9	530.0	467.9	417.0	371.3	328.6	281.0	220.6
-47.5°	692.1	639.0	590.5	545.3	490.5	434.7	391.8	349.9	309.4	272.9	211.7
-50°	636.9	591.4	550.0	501.7	448.1	406.1	366.0	327.6	291.6	257.1	201.3
-52.5°	583.9	547.2	503.8	455.1	413.0	376.8	340.4	304.7	273.3	238.5	189.5
-55°	531.9	496.8	453.2	412.9	377.8	346.9	314.0	284.1	254.7	218.5	176.8
-57.5°	473.7	441.7	405.5	371.7	342.6	315.8	289.6	263.2	232.7	198.1	167.4
-60°	414.6	387.4	357.6	331.9	307.6	285.7	266.3	240.4	209.3	178.0	154.6
-62.5°	356.5	333.8	314.3	292.8	272.7	256.3	241.9	214.3	185.6	160.0	140.2
-65°	300.9	285.5	270.9	252.5	237.3	225.6	212.1	187.8	162.2	141.0	124.3
-67.5°	246.5	235.0	223.1	210.5	204.0	195.2	182.0	159.2	137.9	121.1	106.8
-70°	191.5	183.2	181.2	180.0	174.6	164.8	148.2	128.7	112.5	102.1	89.3
-72.5°	146.6	149.5	152.7	152.1	143.2	130.6	114.1	99.3	92.4	83.3	71.9
-75°	113.0	118.9	122.4	120.2	110.2	97.5	87.3	78.8	72.7	64.5	57.0
-77.5°	86.3	90.2	91.9	89.8	81.8	73.7	65.8	58.6	54.2	49.4	43.0
-80°	60.6	62.6	63.1	61.5	55.7	49.9	46.0	42.2	39.1	34.8	29.1
-82.5°	35.1	36.4	37.3	37.2	34.8	32.3	29.7	27.1	24.1	20.2	17.9
-85°	16.7	17.3	17.4	17.0	15.9	14.7	14.9	14.9	14.0	13.1	11.9
-87.5°	5.0	5.7	6.3	6.8	7.1	7.4	7.5	7.4	7.0	6.5	6.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	5.3	4.1	3.1	2.1	1.3	0.6	0.0
85°	10.6	8.3	6.1	4.2	2.6	1.3	0.0
82.5°	15.9	12.3	9.1	6.3	3.8	1.9	0.0
80°	22.0	16.4	12.1	8.4	5.1	2.6	0.0
77.5°	34.5	22.3	15.1	10.4	6.4	3.2	0.0
75°	46.7	31.9	18.7	12.4	7.6	3.8	0.0
72.5°	58.6	41.2	25.7	14.4	8.8	4.4	0.0
70°	70.6	50.2	32.4	16.8	10.0	5.0	0.0
67.5°	84.5	59.0	39.0	21.4	11.2	5.6	0.0
65°	97.9	68.4	45.3	25.8	12.4	6.2	0.0
62.5°	110.7	78.4	51.4	30.1	13.6	6.8	0.0
60°	122.8	87.8	57.2	34.2	14.7	7.3	0.0
57.5°	131.1	96.8	63.9	38.2	17.3	7.9	0.0
55°	138.0	105.2	70.3	41.9	19.8	8.4	0.0
52.5°	144.0	112.4	76.2	45.5	22.2	8.9	0.0
50°	149.0	116.0	81.8	48.8	24.5	9.4	0.0
47.5°	153.5	118.9	86.9	52.1	26.8	9.9	0.0
45°	161.0	121.1	91.6	55.6	28.9	10.4	0.0
42.5°	167.3	122.5	95.9	58.8	31.0	10.8	0.0
40°	172.4	123.2	98.1	62.2	32.9	11.3	0.0
37.5°	176.4	123.2	98.4	65.6	34.7	11.7	0.0
35°	179.2	124.8	98.3	69.0	36.4	12.0	0.0
32.5°	180.6	126.7	97.7	72.3	38.0	12.4	0.0
30°	180.5	127.9	96.7	75.5	39.4	12.7	0.0
27.5°	179.4	128.2	97.8	78.6	40.8	13.0	0.0
25°	177.5	127.8	98.9	81.5	42.0	13.3	0.0
22.5°	174.6	128.1	99.9	84.2	43.0	13.6	0.0
20°	171.0	131.4	100.7	86.8	44.0	13.8	0.0
17.5°	171.2	134.3	101.3	89.3	44.8	14.0	0.0
15°	173.7	136.9	101.9	91.5	45.5	14.2	0.0
12.5°	175.8	139.1	102.2	93.5	46.1	14.4	0.0
10°	177.4	140.8	102.5	95.3	46.5	14.5	0.0
7.5°	178.5	142.2	102.7	96.9	46.8	14.6	0.0
5°	179.2	143.2	102.8	98.2	47.0	14.6	0.0
2.5°	179.5	143.8	102.9	99.2	47.1	14.7	0.0
0°	179.3	144.0	102.9	99.9	47.0	14.7	0.0
-2.5°	179.5	143.8	102.9	99.2	47.1	14.7	0.0
-5°	179.2	143.2	102.8	98.2	47.0	14.6	0.0
-7.5°	178.5	142.2	102.7	96.9	46.8	14.6	0.0
-10°	177.4	140.8	102.5	95.3	46.5	14.5	0.0
-12.5°	175.8	139.1	102.2	93.5	46.1	14.4	0.0
-15°	173.7	136.9	101.9	91.5	45.5	14.2	0.0
-17.5°	171.2	134.3	101.3	89.3	44.8	14.0	0.0
-20°	171.0	131.4	100.7	86.8	44.0	13.8	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	174.6	128.1	99.9	84.2	43.0	13.6	0.0
-25°	177.5	127.8	98.9	81.5	42.0	13.3	0.0
-27.5°	179.4	128.2	97.8	78.6	40.8	13.0	0.0
-30°	180.5	127.9	96.7	75.5	39.4	12.7	0.0
-32.5°	180.6	126.7	97.7	72.3	38.0	12.4	0.0
-35°	179.2	124.8	98.3	69.0	36.4	12.0	0.0
-37.5°	176.4	123.2	98.4	65.6	34.7	11.7	0.0
-40°	172.4	123.2	98.1	62.2	32.9	11.3	0.0
-42.5°	167.3	122.5	95.9	58.8	31.0	10.8	0.0
-45°	161.0	121.1	91.6	55.6	28.9	10.4	0.0
-47.5°	153.5	118.9	86.9	52.1	26.8	9.9	0.0
-50°	149.0	116.0	81.8	48.8	24.5	9.4	0.0
-52.5°	144.0	112.4	76.2	45.5	22.2	8.9	0.0
-55°	138.0	105.2	70.3	41.9	19.8	8.4	0.0
-57.5°	131.1	96.8	63.9	38.2	17.3	7.9	0.0
-60°	122.8	87.8	57.2	34.2	14.7	7.3	0.0
-62.5°	110.7	78.4	51.4	30.1	13.6	6.8	0.0
-65°	97.9	68.4	45.3	25.8	12.4	6.2	0.0
-67.5°	84.5	59.0	39.0	21.4	11.2	5.6	0.0
-70°	70.6	50.2	32.4	16.8	10.0	5.0	0.0
-72.5°	58.6	41.2	25.7	14.4	8.8	4.4	0.0
-75°	46.7	31.9	18.7	12.4	7.6	3.8	0.0
-77.5°	34.5	22.3	15.1	10.4	6.4	3.2	0.0
-80°	22.0	16.4	12.1	8.4	5.1	2.6	0.0
-82.5°	15.9	12.3	9.1	6.3	3.8	1.9	0.0
-85°	10.6	8.3	6.1	4.2	2.6	1.3	0.0
-87.5°	5.3	4.1	3.1	2.1	1.3	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)