

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: P559237 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-930-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559237 (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-930-U-MWR-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (96) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

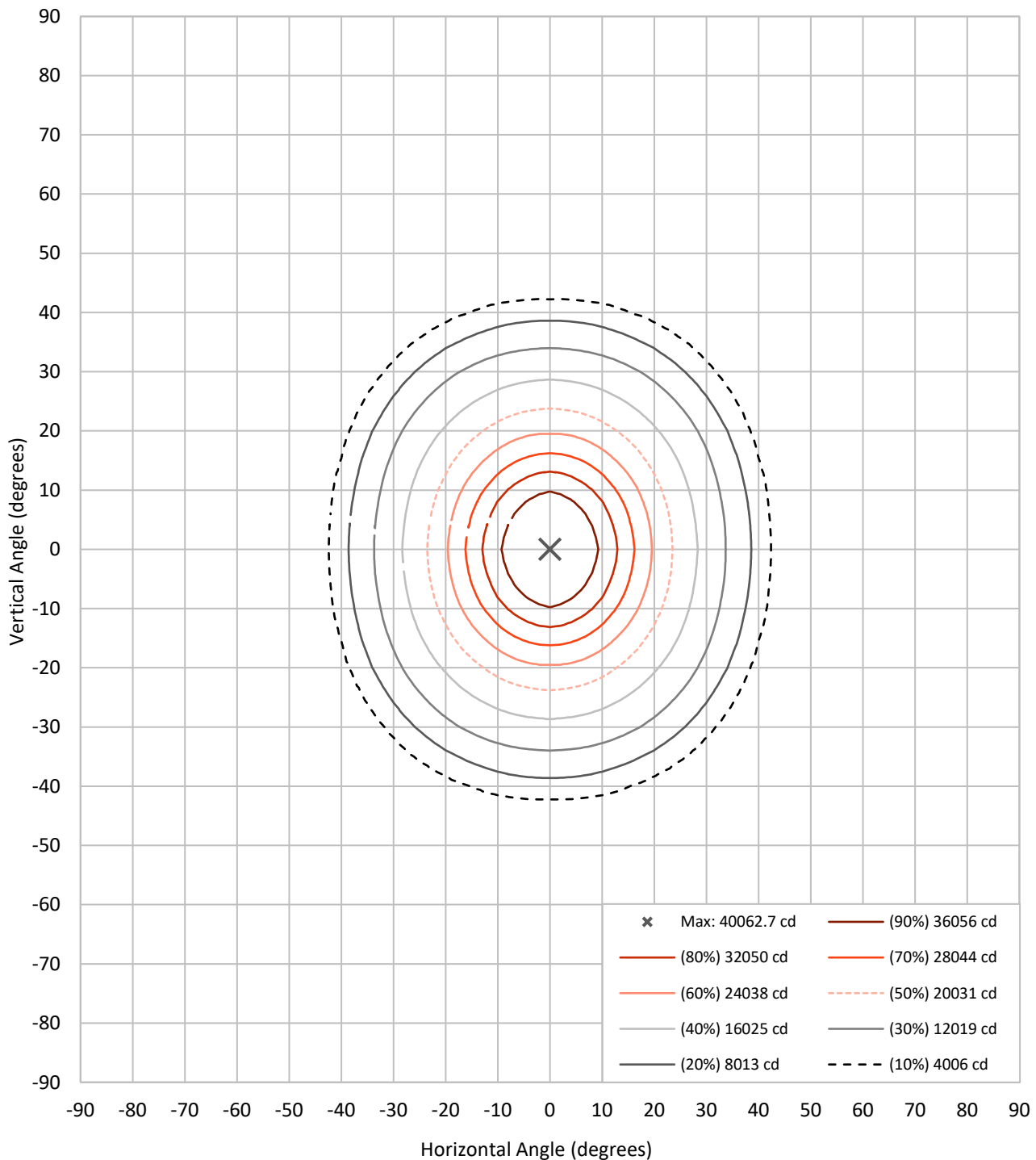
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	31186.6 lumens	Max Intensity:	40062.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	84.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	14715.9 lumens	Field Lumens:	28317.4 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





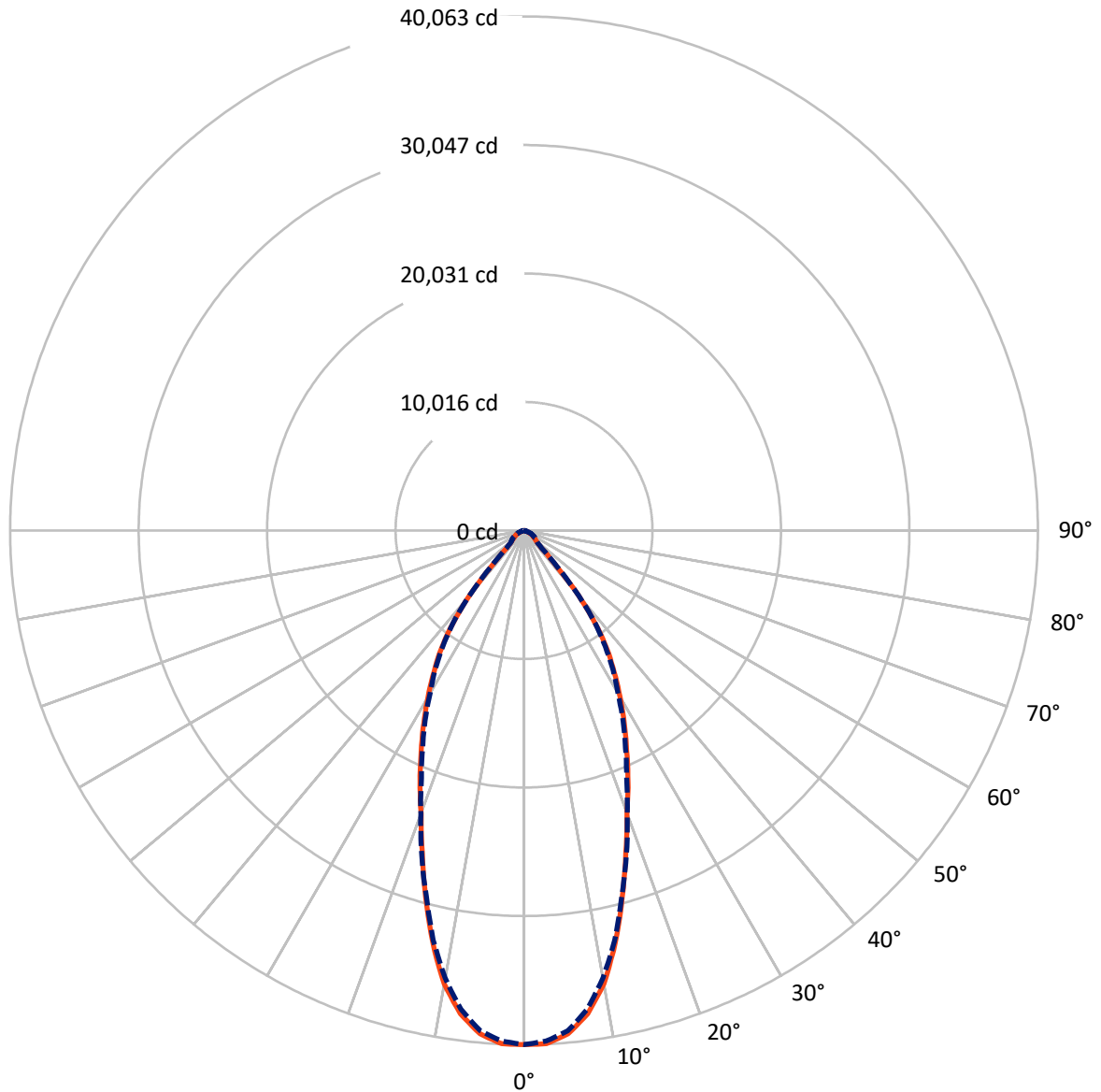
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Lumen Table

90																			
80	0.5	3.8		8.6		14.1		10.9		14.1		8.6		3.8		0.5			
70																			
60	2.2	2.5	4.6	7.1	9.9	12.4	14.3	15.5	15.5	14.3	12.4	9.9	7.1	4.6	2.5	2.2			
50		3.8	7.5	12.5	17.9	22.4	25.6	28.2	28.2	25.6	22.4	17.9	12.5	7.5	3.8				
40	3.3	5.0	10.4	17.6	25.5	35.0	55.4	77.6	77.6	55.4	35.0	25.5	17.6	10.4	5.0	3.3			
30		6.0	13.0	21.9	41.1	131.4	255.9	326.0	326.0	255.9	131.4	41.1	21.9	13.0	6.0				
20	3.7	7.1	15.2	27.4	120.2	314.0	463.3	561.0	561.0	463.3	314.0	120.2	27.4	15.2	7.1	3.7			
10		7.9	17.0	42.0	218.5	433.4	658.4	857.1	857.1	658.4	433.4	218.5	42.0	17.0	7.9				
0	3.8	8.4	18.3	57.9	266.2	505.7	828.2	1120.1	1120.1	828.2	505.7	266.2	57.9	18.3	8.4	3.8			
-10		8.4	18.3	57.9	266.2	505.7	828.2	1120.1	1120.1	828.2	505.7	266.2	57.9	18.3	8.4				
-20	3.7	7.9	17.0	42.0	218.5	433.4	658.4	857.1	857.1	658.4	433.4	218.5	42.0	17.0	7.9	3.7			
-30		7.1	15.2	27.4	120.2	314.0	463.3	561.0	561.0	463.3	314.0	120.2	27.4	15.2	7.1				
-40	3.3	6.0	13.0	21.9	41.1	131.4	255.9	326.0	326.0	255.9	131.4	41.1	21.9	13.0	6.0	3.3			
-50		5.0	10.4	17.6	25.5	35.0	55.4	77.6	77.6	55.4	35.0	25.5	17.6	10.4	5.0				
-60	2.2	3.8	7.5	12.5	17.9	22.4	25.6	28.2	28.2	25.6	22.4	17.9	12.5	7.5	3.8	2.2			
-70		2.5	4.6	7.1	9.9	12.4	14.3	15.5	15.5	14.3	12.4	9.9	7.1	4.6	2.5				
-80																			
-90	0.5	3.8		8.6		14.1		10.9		14.1		8.6		3.8		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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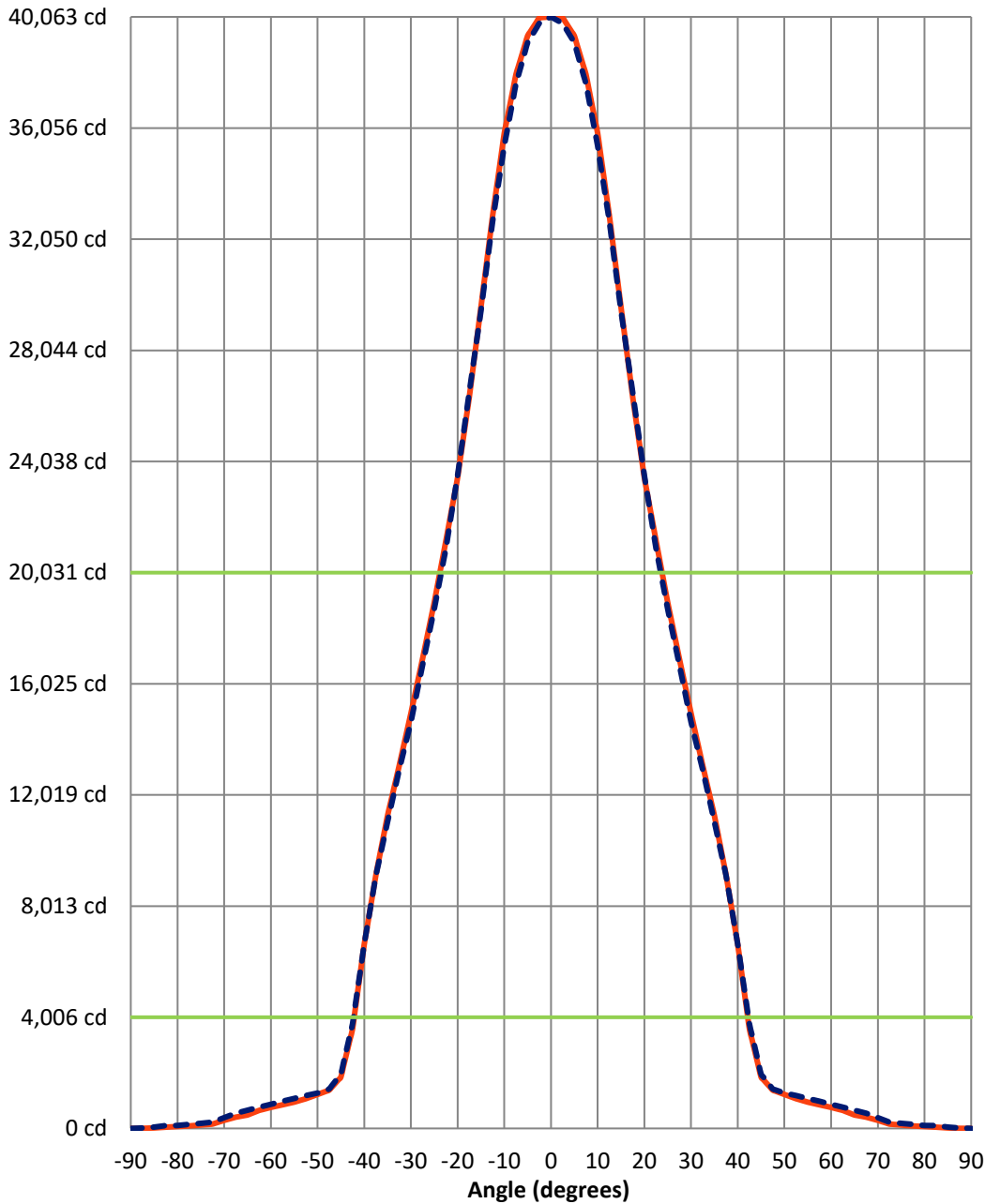
Luminous Intensity Polar Plot



— 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: 14715.9
Efficiency: 47.2%

Field:
H Angle: 84.6°
V Angle: 84.3°
Lumens: 28317.4
Efficiency: 90.8%

Spill:
Lumens: 2869.2
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	0.7	1.3	2.2	3.1	4.2	5.5	6.1	6.7	7.2	7.6
85°	0.0	1.3	2.6	4.3	6.3	8.5	10.9	12.2	13.4	14.4	15.2
82.5°	0.0	2.0	3.9	6.4	9.4	12.6	16.3	18.3	20.6	24.7	27.7
80°	0.0	2.6	5.2	8.5	12.4	16.8	22.5	29.8	35.6	40.0	43.1
77.5°	0.0	3.2	6.5	10.6	15.4	22.9	35.3	44.1	50.6	55.5	59.9
75°	0.0	3.9	7.8	12.7	19.2	32.6	47.8	58.4	66.1	74.4	80.7
72.5°	0.0	4.5	9.0	14.7	26.2	42.1	60.0	73.6	85.3	94.6	101.7
70°	0.0	5.1	10.2	17.2	33.1	51.4	72.3	91.5	104.6	115.2	131.7
67.5°	0.0	5.7	11.5	21.8	39.9	60.4	86.5	109.4	124.0	141.1	162.9
65°	0.0	6.3	12.7	26.4	46.3	70.0	100.2	127.3	144.3	166.0	192.2
62.5°	0.0	6.9	13.8	30.8	52.6	80.2	113.2	143.5	163.8	190.0	219.3
60°	0.0	7.5	15.0	35.0	58.6	89.9	125.6	158.3	182.1	214.3	246.0
57.5°	0.0	8.1	17.6	39.0	65.4	99.0	134.1	171.4	202.7	238.1	269.3
55°	0.0	8.6	20.2	42.8	71.9	107.6	141.3	181.0	223.7	260.7	290.8
52.5°	0.0	9.1	22.7	46.5	78.0	115.0	147.4	193.9	244.2	279.8	311.9
50°	0.0	9.6	25.1	49.9	83.7	118.7	152.5	206.1	263.1	298.4	335.2
47.5°	0.0	10.1	27.4	53.3	88.9	121.7	157.1	216.7	279.4	316.6	358.1
45°	0.0	10.6	29.6	56.8	93.8	123.9	164.8	225.8	287.6	336.3	380.0
42.5°	0.0	11.1	31.6	60.1	98.1	125.4	171.2	232.2	294.0	355.1	402.4
40°	0.0	11.5	33.6	63.6	100.4	126.1	176.5	236.5	299.6	371.8	424.1
37.5°	0.0	11.9	35.5	67.1	100.7	126.1	180.6	239.5	305.8	380.0	444.8
35°	0.0	12.3	37.2	70.6	100.6	127.7	183.5	241.1	311.0	392.1	464.8
32.5°	0.0	12.6	38.8	74.0	100.0	129.7	184.9	241.5	315.2	406.9	483.0
30°	0.0	13.0	40.3	77.2	99.0	130.9	184.8	241.5	318.3	424.1	500.9
27.5°	0.0	13.3	41.7	80.4	100.1	131.2	183.7	243.1	324.6	443.5	518.4
25°	0.0	13.6	42.9	83.4	101.2	130.8	181.6	243.8	337.6	459.6	535.6
22.5°	0.0	13.9	44.0	86.2	102.2	131.1	178.7	243.5	351.2	472.9	556.8
20°	0.0	14.1	45.0	88.9	103.0	134.5	175.0	242.2	365.0	485.4	576.0
17.5°	0.0	14.3	45.8	91.4	103.7	137.5	175.2	239.9	378.7	496.9	593.1
15°	0.0	14.5	46.6	93.7	104.2	140.1	177.8	239.2	391.9	507.4	608.2
12.5°	0.0	14.6	47.1	95.7	104.6	142.3	180.0	240.2	400.9	516.8	621.1
10°	0.0	14.8	47.6	97.6	104.9	144.2	181.6	239.7	404.6	524.5	632.1
7.5°	0.0	14.9	47.9	99.2	105.1	145.6	182.7	237.7	405.0	532.1	641.4
5°	0.0	14.9	48.1	100.5	105.2	146.6	183.4	234.6	402.3	538.9	648.4
2.5°	0.0	15.0	48.2	101.5	105.3	147.2	183.7	230.5	396.5	544.2	653.2
0°	0.0	15.0	48.1	102.3	105.3	147.4	183.5	225.6	388.0	547.4	655.7
-2.5°	0.0	15.0	48.2	101.5	105.3	147.2	183.7	230.5	396.5	544.2	653.2
-5°	0.0	14.9	48.1	100.5	105.2	146.6	183.4	234.6	402.3	538.9	648.4
-7.5°	0.0	14.9	47.9	99.2	105.1	145.6	182.7	237.7	405.0	532.1	641.4
-10°	0.0	14.8	47.6	97.6	104.9	144.2	181.6	239.7	404.6	524.5	632.1
-12.5°	0.0	14.6	47.1	95.7	104.6	142.3	180.0	240.2	400.9	516.8	621.1
-15°	0.0	14.5	46.6	93.7	104.2	140.1	177.8	239.2	391.9	507.4	608.2
-17.5°	0.0	14.3	45.8	91.4	103.7	137.5	175.2	239.9	378.7	496.9	593.1
-20°	0.0	14.1	45.0	88.9	103.0	134.5	175.0	242.2	365.0	485.4	576.0



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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	13.9	44.0	86.2	102.2	131.1	178.7	243.5	351.2	472.9	556.8
-25°	0.0	13.6	42.9	83.4	101.2	130.8	181.6	243.8	337.6	459.6	535.6
-27.5°	0.0	13.3	41.7	80.4	100.1	131.2	183.7	243.1	324.6	443.5	518.4
-30°	0.0	13.0	40.3	77.2	99.0	130.9	184.8	241.5	318.3	424.1	500.9
-32.5°	0.0	12.6	38.8	74.0	100.0	129.7	184.9	241.5	315.2	406.9	483.0
-35°	0.0	12.3	37.2	70.6	100.6	127.7	183.5	241.1	311.0	392.1	464.8
-37.5°	0.0	11.9	35.5	67.1	100.7	126.1	180.6	239.5	305.8	380.0	444.8
-40°	0.0	11.5	33.6	63.6	100.4	126.1	176.5	236.5	299.6	371.8	424.1
-42.5°	0.0	11.1	31.6	60.1	98.1	125.4	171.2	232.2	294.0	355.1	402.4
-45°	0.0	10.6	29.6	56.8	93.8	123.9	164.8	225.8	287.6	336.3	380.0
-47.5°	0.0	10.1	27.4	53.3	88.9	121.7	157.1	216.7	279.4	316.6	358.1
-50°	0.0	9.6	25.1	49.9	83.7	118.7	152.5	206.1	263.1	298.4	335.2
-52.5°	0.0	9.1	22.7	46.5	78.0	115.0	147.4	193.9	244.2	279.8	311.9
-55°	0.0	8.6	20.2	42.8	71.9	107.6	141.3	181.0	223.7	260.7	290.8
-57.5°	0.0	8.1	17.6	39.0	65.4	99.0	134.1	171.4	202.7	238.1	269.3
-60°	0.0	7.5	15.0	35.0	58.6	89.9	125.6	158.3	182.1	214.3	246.0
-62.5°	0.0	6.9	13.8	30.8	52.6	80.2	113.2	143.5	163.8	190.0	219.3
-65°	0.0	6.3	12.7	26.4	46.3	70.0	100.2	127.3	144.3	166.0	192.2
-67.5°	0.0	5.7	11.5	21.8	39.9	60.4	86.5	109.4	124.0	141.1	162.9
-70°	0.0	5.1	10.2	17.2	33.1	51.4	72.3	91.5	104.6	115.2	131.7
-72.5°	0.0	4.5	9.0	14.7	26.2	42.1	60.0	73.6	85.3	94.6	101.7
-75°	0.0	3.9	7.8	12.7	19.2	32.6	47.8	58.4	66.1	74.4	80.7
-77.5°	0.0	3.2	6.5	10.6	15.4	22.9	35.3	44.1	50.6	55.5	59.9
-80°	0.0	2.6	5.2	8.5	12.4	16.8	22.5	29.8	35.6	40.0	43.1
-82.5°	0.0	2.0	3.9	6.4	9.4	12.6	16.3	18.3	20.6	24.7	27.7
-85°	0.0	1.3	2.6	4.3	6.3	8.5	10.9	12.2	13.4	14.4	15.2
-87.5°	0.0	0.7	1.3	2.2	3.1	4.2	5.5	6.1	6.7	7.2	7.6
-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°	7.6	7.5	7.3	6.9	6.4	5.8	5.1	4.3	4.4	4.6	4.8
85°	15.3	15.0	16.2	17.3	17.8	17.7	17.1	16.1	18.4	21.1	24.0
82.5°	30.4	33.1	35.6	38.0	38.1	37.3	35.9	34.5	39.8	46.3	53.2
80°	47.0	51.1	57.0	63.0	64.6	64.1	62.1	58.7	66.1	76.7	88.8
77.5°	67.3	75.5	83.7	92.0	94.1	92.4	88.4	82.2	91.4	108.8	128.0
75°	89.4	99.8	112.8	123.1	125.3	121.6	115.6	110.2	121.5	143.0	163.5
72.5°	116.8	133.6	146.6	155.6	156.2	153.0	150.0	147.2	159.8	185.2	206.4
70°	151.7	168.6	178.7	184.2	185.4	187.5	196.0	204.1	216.6	238.3	255.7
67.5°	186.2	199.7	208.8	215.3	228.3	240.5	252.3	264.5	278.5	296.9	310.1
65°	217.1	230.9	242.8	258.4	277.3	292.2	307.9	325.1	344.4	361.7	374.4
62.5°	247.5	262.3	279.1	299.7	321.6	341.6	364.9	388.6	411.6	431.3	452.8
60°	272.5	292.3	314.8	339.6	366.0	396.4	424.4	451.8	476.9	501.6	531.9
57.5°	296.3	323.2	350.7	380.4	415.0	452.0	484.8	514.9	546.5	582.1	611.9
55°	321.3	355.1	386.7	422.6	463.8	508.5	544.4	578.3	617.2	660.1	693.4
52.5°	348.4	385.6	422.7	465.8	515.6	560.0	597.6	639.9	687.1	733.6	772.2
50°	374.6	415.7	458.7	513.5	562.9	605.3	651.9	703.0	752.2	800.0	845.7
47.5°	401.0	444.9	502.0	558.0	604.3	654.0	708.4	760.9	812.6	862.4	910.3
45°	426.8	479.0	542.4	595.6	647.0	704.1	760.3	815.3	869.7	922.7	975.0
42.5°	451.8	512.4	576.2	631.9	691.1	750.8	809.5	867.7	925.2	981.9	1037.7
40°	479.0	542.8	610.0	670.9	732.7	794.8	856.6	918.1	978.8	1038.8	1098.0
37.5°	504.1	574.4	644.4	708.1	771.7	836.7	901.5	966.7	1030.6	1093.2	1160.6
35°	526.6	606.3	677.0	743.8	810.4	876.4	945.0	1013.5	1080.8	1148.8	1234.7
32.5°	551.9	638.5	707.8	778.2	847.1	915.1	986.5	1058.9	1130.6	1209.9	1333.5
30°	580.3	665.4	737.0	811.0	881.6	953.1	1026.8	1102.4	1177.8	1301.2	1586.6
27.5°	607.9	690.1	765.4	841.1	913.8	988.1	1065.2	1143.5	1248.7	1438.4	1901.4
25°	633.6	713.8	792.0	868.6	943.7	1020.7	1100.5	1181.8	1324.6	1707.9	2730.7
22.5°	655.2	736.7	818.0	893.9	970.8	1050.4	1133.2	1241.3	1461.9	1980.0	3653.3
20°	673.7	758.5	841.6	920.5	996.2	1076.7	1163.0	1297.9	1670.4	2756.6	4759.1
17.5°	690.8	778.3	863.3	945.8	1025.3	1104.2	1192.7	1346.8	1858.1	3431.6	5870.9
15°	706.5	796.0	883.5	969.5	1051.8	1134.0	1239.7	1485.6	2237.8	4101.8	6861.2
12.5°	720.7	811.6	902.0	991.5	1075.6	1160.5	1282.0	1623.5	2702.8	4888.0	7537.1
10°	733.1	825.0	918.5	1011.4	1096.6	1183.9	1317.6	1736.8	3085.2	5534.6	8080.4
7.5°	744.6	837.8	933.7	1029.1	1114.8	1203.9	1346.7	1825.1	3380.5	6021.6	8513.8
5°	754.3	850.5	951.8	1048.5	1137.5	1225.7	1371.7	1888.6	3588.0	6349.7	8829.4
2.5°	761.8	861.0	967.5	1065.7	1162.6	1252.2	1400.3	1935.6	3721.8	6558.7	9031.3
0°	767.0	869.2	980.5	1079.8	1185.0	1275.3	1422.6	1958.0	3771.7	6635.0	9107.3
-2.5°	761.8	861.0	967.5	1065.7	1162.6	1252.2	1400.3	1935.6	3721.8	6558.7	9031.3
-5°	754.3	850.5	951.8	1048.5	1137.5	1225.7	1371.7	1888.6	3588.0	6349.7	8829.4
-7.5°	744.6	837.8	933.7	1029.1	1114.8	1203.9	1346.7	1825.1	3380.5	6021.6	8513.8
-10°	733.1	825.0	918.5	1011.4	1096.6	1183.9	1317.6	1736.8	3085.2	5534.6	8080.4
-12.5°	720.7	811.6	902.0	991.5	1075.6	1160.5	1282.0	1623.5	2702.8	4888.0	7537.1
-15°	706.5	796.0	883.5	969.5	1051.8	1134.0	1239.7	1485.6	2237.8	4101.8	6861.2
-17.5°	690.8	778.3	863.3	945.8	1025.3	1104.2	1192.7	1346.8	1858.1	3431.6	5870.9
-20°	673.7	758.5	841.6	920.5	996.2	1076.7	1163.0	1297.9	1670.4	2756.6	4759.1



REPORT NUMBER: P559237 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-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°	655.2	736.7	818.0	893.9	970.8	1050.4	1133.2	1241.3	1461.9	1980.0	3653.3
-25°	633.6	713.8	792.0	868.6	943.7	1020.7	1100.5	1181.8	1324.6	1707.9	2730.7
-27.5°	607.9	690.1	765.4	841.1	913.8	988.1	1065.2	1143.5	1248.7	1438.4	1901.4
-30°	580.3	665.4	737.0	811.0	881.6	953.1	1026.8	1102.4	1177.8	1301.2	1586.6
-32.5°	551.9	638.5	707.8	778.2	847.1	915.1	986.5	1058.9	1130.6	1209.9	1333.5
-35°	526.6	606.3	677.0	743.8	810.4	876.4	945.0	1013.5	1080.8	1148.8	1234.7
-37.5°	504.1	574.4	644.4	708.1	771.7	836.7	901.5	966.7	1030.6	1093.2	1160.6
-40°	479.0	542.8	610.0	670.9	732.7	794.8	856.6	918.1	978.8	1038.8	1098.0
-42.5°	451.8	512.4	576.2	631.9	691.1	750.8	809.5	867.7	925.2	981.9	1037.7
-45°	426.8	479.0	542.4	595.6	647.0	704.1	760.3	815.3	869.7	922.7	975.0
-47.5°	401.0	444.9	502.0	558.0	604.3	654.0	708.4	760.9	812.6	862.4	910.3
-50°	374.6	415.7	458.7	513.5	562.9	605.3	651.9	703.0	752.2	800.0	845.7
-52.5°	348.4	385.6	422.7	465.8	515.6	560.0	597.6	639.9	687.1	733.6	772.2
-55°	321.3	355.1	386.7	422.6	463.8	508.5	544.4	578.3	617.2	660.1	693.4
-57.5°	296.3	323.2	350.7	380.4	415.0	452.0	484.8	514.9	546.5	582.1	611.9
-60°	272.5	292.3	314.8	339.6	366.0	396.4	424.4	451.8	476.9	501.6	531.9
-62.5°	247.5	262.3	279.1	299.7	321.6	341.6	364.9	388.6	411.6	431.3	452.8
-65°	217.1	230.9	242.8	258.4	277.3	292.2	307.9	325.1	344.4	361.7	374.4
-67.5°	186.2	199.7	208.8	215.3	228.3	240.5	252.3	264.5	278.5	296.9	310.1
-70°	151.7	168.6	178.7	184.2	185.4	187.5	196.0	204.1	216.6	238.3	255.7
-72.5°	116.8	133.6	146.6	155.6	156.2	153.0	150.0	147.2	159.8	185.2	206.4
-75°	89.4	99.8	112.8	123.1	125.3	121.6	115.6	110.2	121.5	143.0	163.5
-77.5°	67.3	75.5	83.7	92.0	94.1	92.4	88.4	82.2	91.4	108.8	128.0
-80°	47.0	51.1	57.0	63.0	64.6	64.1	62.1	58.7	66.1	76.7	88.8
-82.5°	30.4	33.1	35.6	38.0	38.1	37.3	35.9	34.5	39.8	46.3	53.2
-85°	15.3	15.0	16.2	17.3	17.8	17.7	17.1	16.1	18.4	21.1	24.0
-87.5°	7.6	7.5	7.3	6.9	6.4	5.8	5.1	4.3	4.4	4.6	4.8
-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: P559237 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-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°	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.1	4.4
85°	27.0	26.2	24.8	23.0	20.8	22.0	23.2	24.4	25.6	23.9	22.0
82.5°	60.6	61.4	61.5	61.3	61.0	63.6	66.2	68.4	70.3	64.9	58.7
80°	102.2	107.1	110.0	112.6	114.8	114.9	113.3	110.6	106.8	97.7	87.7
77.5°	147.8	155.4	159.2	163.1	167.0	168.4	169.3	170.4	171.4	155.5	135.3
75°	183.2	194.6	201.2	207.4	213.0	216.3	218.1	219.2	219.7	200.6	175.9
72.5°	223.4	234.7	242.5	250.2	257.3	261.9	264.6	266.6	268.0	251.3	227.7
70°	267.9	276.7	286.2	295.6	304.3	310.2	314.1	317.3	319.6	318.0	316.8
67.5°	320.4	328.2	339.7	348.7	357.8	364.3	371.0	376.4	380.3	384.7	389.7
65°	386.3	404.8	421.6	430.3	431.6	440.8	456.1	465.9	470.8	474.8	479.7
62.5°	477.8	500.4	512.4	526.8	545.4	562.6	569.2	578.1	588.7	601.5	616.2
60°	556.3	575.0	594.3	614.1	631.1	645.4	660.9	676.3	690.3	703.2	715.7
57.5°	636.6	657.0	676.6	699.9	716.2	725.8	740.9	759.3	773.6	784.7	801.5
55°	719.9	746.2	772.8	793.8	809.2	819.3	830.7	848.5	859.1	863.1	882.6
52.5°	803.5	834.7	867.5	892.2	908.4	923.6	937.6	953.2	963.9	969.1	988.2
50°	881.0	918.1	954.8	986.9	1008.5	1033.7	1062.3	1076.4	1085.4	1095.5	1116.8
47.5°	954.7	996.3	1035.5	1071.7	1103.0	1131.3	1155.8	1179.5	1214.4	1242.1	1269.5
45°	1025.6	1069.9	1112.4	1153.1	1188.0	1243.4	1296.1	1341.0	1461.1	1561.9	1638.9
42.5°	1092.3	1145.8	1193.7	1261.5	1335.3	1463.2	1660.7	1843.7	2197.7	2653.6	3034.2
40°	1161.9	1231.3	1317.0	1449.0	1698.7	1955.4	2723.0	3407.0	4079.7	4844.8	5500.4
37.5°	1243.1	1347.6	1598.9	1897.2	2697.9	3583.6	4671.4	5739.2	6668.9	7464.5	8128.7
35°	1350.6	1673.6	2143.3	3230.0	4413.0	5865.1	7118.9	8123.1	9041.6	9778.7	10333.6
32.5°	1667.5	2258.6	3499.1	4993.8	6620.9	8023.9	9245.0	10206.6	11044.5	11705.1	12219.5
30°	2131.5	3490.0	5174.8	6964.9	8585.6	9925.2	11053.4	11970.0	12717.9	13390.1	13954.5
27.5°	3234.1	4982.2	6962.5	8788.3	10262.5	11516.6	12528.8	13436.7	14261.2	14969.1	15636.4
25°	4440.7	6604.7	8602.1	10263.8	11639.6	12816.2	13883.8	14876.8	15800.0	16628.4	17404.6
22.5°	5889.8	8047.9	9956.8	11494.9	12828.0	14036.8	15170.6	16275.8	17350.4	18361.4	19300.5
20°	7201.7	9319.8	10984.4	12520.4	13905.5	15165.0	16414.7	17702.8	18942.9	20160.7	21291.6
17.5°	8224.1	10194.6	11865.7	13422.6	14832.5	16258.9	17689.0	19168.5	20664.3	22078.5	23431.2
15°	9077.8	10924.3	12617.8	14174.5	15724.7	17298.5	18896.2	20639.1	22418.4	24111.1	25835.3
12.5°	9683.0	11533.2	13250.1	14812.2	16550.1	18258.4	20118.3	22104.7	24159.6	26131.3	28249.2
10°	10169.5	12019.0	13721.5	15405.7	17244.9	19139.2	21225.2	23413.1	25865.2	28200.0	30481.8
7.5°	10587.0	12424.2	14100.2	15889.7	17823.1	19905.2	22173.9	24647.5	27301.0	29899.1	32615.2
5°	10892.4	12700.5	14394.4	16286.5	18267.6	20464.8	22905.6	25548.7	28394.6	31241.2	33927.3
2.5°	11054.1	12858.0	14577.3	16532.7	18528.3	20803.9	23345.9	26147.5	29153.4	32259.5	34908.0
0°	11050.3	12924.1	14647.5	16698.8	18720.0	20906.6	23535.3	26531.0	29463.5	32690.8	35409.8
-2.5°	11054.1	12858.0	14577.3	16532.7	18528.3	20803.9	23345.9	26147.5	29153.4	32259.5	34908.0
-5°	10892.4	12700.5	14394.4	16286.5	18267.6	20464.8	22905.6	25548.7	28394.6	31241.2	33927.3
-7.5°	10587.0	12424.2	14100.2	15889.7	17823.1	19905.2	22173.9	24647.5	27301.0	29899.1	32615.2
-10°	10169.5	12019.0	13721.5	15405.7	17244.9	19139.2	21225.2	23413.1	25865.2	28200.0	30481.8
-12.5°	9683.0	11533.2	13250.1	14812.2	16550.1	18258.4	20118.3	22104.7	24159.6	26131.3	28249.2
-15°	9077.8	10924.3	12617.8	14174.5	15724.7	17298.5	18896.2	20639.1	22418.4	24111.1	25835.3
-17.5°	8224.1	10194.6	11865.7	13422.6	14832.5	16258.9	17689.0	19168.5	20664.3	22078.5	23431.2
-20°	7201.7	9319.8	10984.4	12520.4	13905.5	15165.0	16414.7	17702.8	18942.9	20160.7	21291.6



REPORT NUMBER: P559237 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5889.8	8047.9	9956.8	11494.9	12828.0	14036.8	15170.6	16275.8	17350.4	18361.4	19300.5
-25°	4440.7	6604.7	8602.1	10263.8	11639.6	12816.2	13883.8	14876.8	15800.0	16628.4	17404.6
-27.5°	3234.1	4982.2	6962.5	8788.3	10262.5	11516.6	12528.8	13436.7	14261.2	14969.1	15636.4
-30°	2131.5	3490.0	5174.8	6964.9	8585.6	9925.2	11053.4	11970.0	12717.9	13390.1	13954.5
-32.5°	1667.5	2258.6	3499.1	4993.8	6620.9	8023.9	9245.0	10206.6	11044.5	11705.1	12219.5
-35°	1350.6	1673.6	2143.3	3230.0	4413.0	5865.1	7118.9	8123.1	9041.6	9778.7	10333.6
-37.5°	1243.1	1347.6	1598.9	1897.2	2697.9	3583.6	4671.4	5739.2	6668.9	7464.5	8128.7
-40°	1161.9	1231.3	1317.0	1449.0	1698.7	1955.4	2723.0	3407.0	4079.7	4844.8	5500.4
-42.5°	1092.3	1145.8	1193.7	1261.5	1335.3	1463.2	1660.7	1843.7	2197.7	2653.6	3034.2
-45°	1025.6	1069.9	1112.4	1153.1	1188.0	1243.4	1296.1	1341.0	1461.1	1561.9	1638.9
-47.5°	954.7	996.3	1035.5	1071.7	1103.0	1131.3	1155.8	1179.5	1214.4	1242.1	1269.5
-50°	881.0	918.1	954.8	986.9	1008.5	1033.7	1062.3	1076.4	1085.4	1095.5	1116.8
-52.5°	803.5	834.7	867.5	892.2	908.4	923.6	937.6	953.2	963.9	969.1	988.2
-55°	719.9	746.2	772.8	793.8	809.2	819.3	830.7	848.5	859.1	863.1	882.6
-57.5°	636.6	657.0	676.6	699.9	716.2	725.8	740.9	759.3	773.6	784.7	801.5
-60°	556.3	575.0	594.3	614.1	631.1	645.4	660.9	676.3	690.3	703.2	715.7
-62.5°	477.8	500.4	512.4	526.8	545.4	562.6	569.2	578.1	588.7	601.5	616.2
-65°	386.3	404.8	421.6	430.3	431.6	440.8	456.1	465.9	470.8	474.8	479.7
-67.5°	320.4	328.2	339.7	348.7	357.8	364.3	371.0	376.4	380.3	384.7	389.7
-70°	267.9	276.7	286.2	295.6	304.3	310.2	314.1	317.3	319.6	318.0	316.8
-72.5°	223.4	234.7	242.5	250.2	257.3	261.9	264.6	266.6	268.0	251.3	227.7
-75°	183.2	194.6	201.2	207.4	213.0	216.3	218.1	219.2	219.7	200.6	175.9
-77.5°	147.8	155.4	159.2	163.1	167.0	168.4	169.3	170.4	171.4	155.5	135.3
-80°	102.2	107.1	110.0	112.6	114.8	114.9	113.3	110.6	106.8	97.7	87.7
-82.5°	60.6	61.4	61.5	61.3	61.0	63.6	66.2	68.4	70.3	64.9	58.7
-85°	27.0	26.2	24.8	23.0	20.8	22.0	23.2	24.4	25.6	23.9	22.0
-87.5°	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.1	4.4
-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: P559237 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-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°	3.7	3.0	3.0	3.0	3.0	3.0	3.7	4.4	5.1	5.8	5.7
85°	20.0	17.9	18.0	18.0	17.9	20.0	22.0	23.9	25.6	24.4	24.4
82.5°	52.0	44.9	45.0	45.1	45.0	44.9	52.0	58.7	64.9	70.3	68.4
80°	77.1	66.2	67.6	69.2	67.6	66.2	77.1	87.7	97.7	106.8	110.6
77.5°	113.6	90.9	90.1	90.2	90.1	90.9	113.6	135.3	155.5	171.4	170.4
75°	150.5	124.4	123.1	123.3	123.1	124.4	150.5	175.9	200.6	219.7	219.2
72.5°	203.4	178.5	167.2	156.4	167.2	178.5	203.4	227.7	251.3	268.0	266.6
70°	317.0	317.7	306.6	291.7	306.6	317.7	317.0	316.8	318.0	319.6	317.3
67.5°	394.0	397.2	401.9	406.0	401.9	397.2	394.0	389.7	384.7	380.3	376.4
65°	481.9	481.7	483.4	484.2	483.4	481.7	481.9	479.7	474.8	470.8	465.9
62.5°	628.9	639.0	646.1	649.7	646.1	639.0	628.9	616.2	601.5	588.7	578.1
60°	726.2	734.5	746.3	757.9	746.3	734.5	726.2	715.7	703.2	690.3	676.3
57.5°	817.2	831.3	842.7	851.2	842.7	831.3	817.2	801.5	784.7	773.6	759.3
55°	901.1	917.5	933.2	947.4	933.2	917.5	901.1	882.6	863.1	859.1	848.5
52.5°	1006.6	1020.0	1042.3	1070.7	1042.3	1020.0	1006.6	988.2	969.1	963.9	953.2
50°	1141.4	1161.7	1190.0	1224.1	1190.0	1161.7	1141.4	1116.8	1095.5	1085.4	1076.4
47.5°	1297.2	1317.6	1344.8	1380.5	1344.8	1317.6	1297.2	1269.5	1242.1	1214.4	1179.5
45°	1709.2	1757.3	1801.3	1849.7	1801.3	1757.3	1709.2	1638.9	1561.9	1461.1	1341.0
42.5°	3339.4	3550.3	3641.4	3588.2	3641.4	3550.3	3339.4	3034.2	2653.6	2197.7	1843.7
40°	6000.2	6350.9	6557.2	6629.0	6557.2	6350.9	6000.2	5500.4	4844.8	4079.7	3407.0
37.5°	8613.9	8936.7	9110.8	9131.4	9110.8	8936.7	8613.9	8128.7	7464.5	6668.9	5739.2
35°	10734.2	11000.0	11157.6	11275.9	11157.6	11000.0	10734.2	10333.6	9778.7	9041.6	8123.1
32.5°	12638.3	12941.3	13116.4	13077.5	13116.4	12941.3	12638.3	12219.5	11705.1	11044.5	10206.6
30°	14417.1	14748.5	14954.3	14960.3	14954.3	14748.5	14417.1	13954.5	13390.1	12717.9	11970.0
27.5°	16175.7	16547.8	16762.4	16930.4	16762.4	16547.8	16175.7	15636.4	14969.1	14261.2	13436.7
25°	18051.8	18515.5	18790.9	18957.6	18790.9	18515.5	18051.8	17404.6	16628.4	15800.0	14876.8
22.5°	20074.7	20649.1	21026.5	21183.3	21026.5	20649.1	20074.7	19300.5	18361.4	17350.4	16275.8
20°	22275.1	22986.8	23468.7	23454.1	23468.7	22986.8	22275.1	21291.6	20160.7	18942.9	17702.8
17.5°	24730.2	25648.3	26269.7	26359.6	26269.7	25648.3	24730.2	23431.2	22078.5	20664.3	19168.5
15°	27362.3	28546.0	29349.7	29598.9	29349.7	28546.0	27362.3	25835.3	24111.1	22418.4	20639.1
12.5°	30059.6	31467.6	32539.0	32895.3	32539.0	31467.6	30059.6	28249.2	26131.3	24159.6	22104.7
10°	32629.6	34189.2	35352.2	35866.9	35352.2	34189.2	32629.6	30481.8	28200.0	25865.2	23413.1
7.5°	34778.0	36362.7	37560.6	37984.4	37560.6	36362.7	34778.0	32615.2	29899.1	27301.0	24647.5
5°	36193.5	37924.7	38856.1	39379.9	38856.1	37924.7	36193.5	33927.3	31241.2	28394.6	25548.7
2.5°	37139.1	38607.2	39550.5	40032.6	39550.5	38607.2	37139.1	34908.0	32259.5	29153.4	26147.5
0°	37641.5	39136.3	39828.1	40062.7	39828.1	39136.3	37641.5	35409.8	32690.8	29463.5	26531.0
-2.5°	37139.1	38607.2	39550.5	40032.6	39550.5	38607.2	37139.1	34908.0	32259.5	29153.4	26147.5
-5°	36193.5	37924.7	38856.1	39379.9	38856.1	37924.7	36193.5	33927.3	31241.2	28394.6	25548.7
-7.5°	34778.0	36362.7	37560.6	37984.4	37560.6	36362.7	34778.0	32615.2	29899.1	27301.0	24647.5
-10°	32629.6	34189.2	35352.2	35866.9	35352.2	34189.2	32629.6	30481.8	28200.0	25865.2	23413.1
-12.5°	30059.6	31467.6	32539.0	32895.3	32539.0	31467.6	30059.6	28249.2	26131.3	24159.6	22104.7
-15°	27362.3	28546.0	29349.7	29598.9	29349.7	28546.0	27362.3	25835.3	24111.1	22418.4	20639.1
-17.5°	24730.2	25648.3	26269.7	26359.6	26269.7	25648.3	24730.2	23431.2	22078.5	20664.3	19168.5
-20°	22275.1	22986.8	23468.7	23454.1	23468.7	22986.8	22275.1	21291.6	20160.7	18942.9	17702.8



REPORT NUMBER: P559237 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-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°	20074.7	20649.1	21026.5	21183.3	21026.5	20649.1	20074.7	19300.5	18361.4	17350.4	16275.8
-25°	18051.8	18515.5	18790.9	18957.6	18790.9	18515.5	18051.8	17404.6	16628.4	15800.0	14876.8
-27.5°	16175.7	16547.8	16762.4	16930.4	16762.4	16547.8	16175.7	15636.4	14969.1	14261.2	13436.7
-30°	14417.1	14748.5	14954.3	14960.3	14954.3	14748.5	14417.1	13954.5	13390.1	12717.9	11970.0
-32.5°	12638.3	12941.3	13116.4	13077.5	13116.4	12941.3	12638.3	12219.5	11705.1	11044.5	10206.6
-35°	10734.2	11000.0	11157.6	11275.9	11157.6	11000.0	10734.2	10333.6	9778.7	9041.6	8123.1
-37.5°	8613.9	8936.7	9110.8	9131.4	9110.8	8936.7	8613.9	8128.7	7464.5	6668.9	5739.2
-40°	6000.2	6350.9	6557.2	6629.0	6557.2	6350.9	6000.2	5500.4	4844.8	4079.7	3407.0
-42.5°	3339.4	3550.3	3641.4	3588.2	3641.4	3550.3	3339.4	3034.2	2653.6	2197.7	1843.7
-45°	1709.2	1757.3	1801.3	1849.7	1801.3	1757.3	1709.2	1638.9	1561.9	1461.1	1341.0
-47.5°	1297.2	1317.6	1344.8	1380.5	1344.8	1317.6	1297.2	1269.5	1242.1	1214.4	1179.5
-50°	1141.4	1161.7	1190.0	1224.1	1190.0	1161.7	1141.4	1116.8	1095.5	1085.4	1076.4
-52.5°	1006.6	1020.0	1042.3	1070.7	1042.3	1020.0	1006.6	988.2	969.1	963.9	953.2
-55°	901.1	917.5	933.2	947.4	933.2	917.5	901.1	882.6	863.1	859.1	848.5
-57.5°	817.2	831.3	842.7	851.2	842.7	831.3	817.2	801.5	784.7	773.6	759.3
-60°	726.2	734.5	746.3	757.9	746.3	734.5	726.2	715.7	703.2	690.3	676.3
-62.5°	628.9	639.0	646.1	649.7	646.1	639.0	628.9	616.2	601.5	588.7	578.1
-65°	481.9	481.7	483.4	484.2	483.4	481.7	481.9	479.7	474.8	470.8	465.9
-67.5°	394.0	397.2	401.9	406.0	401.9	397.2	394.0	389.7	384.7	380.3	376.4
-70°	317.0	317.7	306.6	291.7	306.6	317.7	317.0	316.8	318.0	319.6	317.3
-72.5°	203.4	178.5	167.2	156.4	167.2	178.5	203.4	227.7	251.3	268.0	266.6
-75°	150.5	124.4	123.1	123.3	123.1	124.4	150.5	175.9	200.6	219.7	219.2
-77.5°	113.6	90.9	90.1	90.2	90.1	90.9	113.6	135.3	155.5	171.4	170.4
-80°	77.1	66.2	67.6	69.2	67.6	66.2	77.1	87.7	97.7	106.8	110.6
-82.5°	52.0	44.9	45.0	45.1	45.0	44.9	52.0	58.7	64.9	70.3	68.4
-85°	20.0	17.9	18.0	18.0	18.0	17.9	20.0	22.0	23.9	25.6	24.4
-87.5°	3.7	3.0	3.0	3.0	3.0	3.0	3.7	4.4	5.1	5.8	5.7
-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: P559237 (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°	5.6	5.5	5.4	5.3	5.2	5.1	4.9	4.8	4.6	4.4	4.3
85°	23.2	22.0	20.8	23.0	24.8	26.2	27.0	24.0	21.1	18.4	16.1
82.5°	66.2	63.6	61.0	61.3	61.5	61.4	60.6	53.2	46.3	39.8	34.5
80°	113.3	114.9	114.8	112.6	110.0	107.1	102.2	88.8	76.7	66.1	58.7
77.5°	169.3	168.4	167.0	163.1	159.2	155.4	147.8	128.0	108.8	91.4	82.2
75°	218.1	216.3	213.0	207.4	201.2	194.6	183.2	163.5	143.0	121.5	110.2
72.5°	264.6	261.9	257.3	250.2	242.5	234.7	223.4	206.4	185.2	159.8	147.2
70°	314.1	310.2	304.3	295.6	286.2	276.7	267.9	255.7	238.3	216.6	204.1
67.5°	371.0	364.3	357.8	348.7	339.7	328.2	320.4	310.1	296.9	278.5	264.5
65°	456.1	440.8	431.6	430.3	421.6	404.8	386.3	374.4	361.7	344.4	325.1
62.5°	569.2	562.6	545.4	526.8	512.4	500.4	477.8	452.8	431.3	411.6	388.6
60°	660.9	645.4	631.1	614.1	594.3	575.0	556.3	531.9	501.6	476.9	451.8
57.5°	740.9	725.8	716.2	699.9	676.6	657.0	636.6	611.9	582.1	546.5	514.9
55°	830.7	819.3	809.2	793.8	772.8	746.2	719.9	693.4	660.1	617.2	578.3
52.5°	937.6	923.6	908.4	892.2	867.5	834.7	803.5	772.2	733.6	687.1	639.9
50°	1062.3	1033.7	1008.5	986.9	954.8	918.1	881.0	845.7	800.0	752.2	703.0
47.5°	1155.8	1131.3	1103.0	1071.7	1035.5	996.3	954.7	910.3	862.4	812.6	760.9
45°	1296.1	1243.4	1188.0	1153.1	1112.4	1069.9	1025.6	975.0	922.7	869.7	815.3
42.5°	1660.7	1463.2	1335.3	1261.5	1193.7	1145.8	1092.3	1037.7	981.9	925.2	867.7
40°	2723.0	1955.4	1698.7	1449.0	1317.0	1231.3	1161.9	1098.0	1038.8	978.8	918.1
37.5°	4671.4	3583.6	2697.9	1897.2	1598.9	1347.6	1243.1	1160.6	1093.2	1030.6	966.7
35°	7118.9	5865.1	4413.0	3230.0	2143.3	1673.6	1350.6	1234.7	1148.8	1080.8	1013.5
32.5°	9245.0	8023.9	6620.9	4993.8	3499.1	2258.6	1667.5	1333.5	1209.9	1130.6	1058.9
30°	11053.4	9925.2	8585.6	6964.9	5174.8	3490.0	2131.5	1586.6	1301.2	1177.8	1102.4
27.5°	12528.8	11516.6	10262.5	8788.3	6962.5	4982.2	3234.1	1901.4	1438.4	1248.7	1143.5
25°	13883.8	12816.2	11639.6	10263.8	8602.1	6604.7	4440.7	2730.7	1707.9	1324.6	1181.8
22.5°	15170.6	14036.8	12828.0	11494.9	9956.8	8047.9	5889.8	3653.3	1980.0	1461.9	1241.3
20°	16414.7	15165.0	13905.5	12520.4	10984.4	9319.8	7201.7	4759.1	2756.6	1670.4	1297.9
17.5°	17689.0	16258.9	14832.5	13422.6	11865.7	10194.6	8224.1	5870.9	3431.6	1858.1	1346.8
15°	18896.2	17298.5	15724.7	14174.5	12617.8	10924.3	9077.8	6861.2	4101.8	2237.8	1485.6
12.5°	20118.3	18258.4	16550.1	14812.2	13250.1	11533.2	9683.0	7537.1	4888.0	2702.8	1623.5
10°	21225.2	19139.2	17244.9	15405.7	13721.5	12019.0	10169.5	8080.4	5534.6	3085.2	1736.8
7.5°	22173.9	19905.2	17823.1	15889.7	14100.2	12424.2	10587.0	8513.8	6021.6	3380.5	1825.1
5°	22905.6	20464.8	18267.6	16286.5	14394.4	12700.5	10892.4	8829.4	6349.7	3588.0	1888.6
2.5°	23345.9	20803.9	18528.3	16532.7	14577.3	12858.0	11054.1	9031.3	6558.7	3721.8	1935.6
0°	23535.3	20906.6	18720.0	16698.8	14647.5	12924.1	11050.3	9107.3	6635.0	3771.7	1958.0
-2.5°	23345.9	20803.9	18528.3	16532.7	14577.3	12858.0	11054.1	9031.3	6558.7	3721.8	1935.6
-5°	22905.6	20464.8	18267.6	16286.5	14394.4	12700.5	10892.4	8829.4	6349.7	3588.0	1888.6
-7.5°	22173.9	19905.2	17823.1	15889.7	14100.2	12424.2	10587.0	8513.8	6021.6	3380.5	1825.1
-10°	21225.2	19139.2	17244.9	15405.7	13721.5	12019.0	10169.5	8080.4	5534.6	3085.2	1736.8
-12.5°	20118.3	18258.4	16550.1	14812.2	13250.1	11533.2	9683.0	7537.1	4888.0	2702.8	1623.5
-15°	18896.2	17298.5	15724.7	14174.5	12617.8	10924.3	9077.8	6861.2	4101.8	2237.8	1485.6
-17.5°	17689.0	16258.9	14832.5	13422.6	11865.7	10194.6	8224.1	5870.9	3431.6	1858.1	1346.8
-20°	16414.7	15165.0	13905.5	12520.4	10984.4	9319.8	7201.7	4759.1	2756.6	1670.4	1297.9



REPORT NUMBER: P559237 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	15170.6	14036.8	12828.0	11494.9	9956.8	8047.9	5889.8	3653.3	1980.0	1461.9	1241.3
-25°	13883.8	12816.2	11639.6	10263.8	8602.1	6604.7	4440.7	2730.7	1707.9	1324.6	1181.8
-27.5°	12528.8	11516.6	10262.5	8788.3	6962.5	4982.2	3234.1	1901.4	1438.4	1248.7	1143.5
-30°	11053.4	9925.2	8585.6	6964.9	5174.8	3490.0	2131.5	1586.6	1301.2	1177.8	1102.4
-32.5°	9245.0	8023.9	6620.9	4993.8	3499.1	2258.6	1667.5	1333.5	1209.9	1130.6	1058.9
-35°	7118.9	5865.1	4413.0	3230.0	2143.3	1673.6	1350.6	1234.7	1148.8	1080.8	1013.5
-37.5°	4671.4	3583.6	2697.9	1897.2	1598.9	1347.6	1243.1	1160.6	1093.2	1030.6	966.7
-40°	2723.0	1955.4	1698.7	1449.0	1317.0	1231.3	1161.9	1098.0	1038.8	978.8	918.1
-42.5°	1660.7	1463.2	1335.3	1261.5	1193.7	1145.8	1092.3	1037.7	981.9	925.2	867.7
-45°	1296.1	1243.4	1188.0	1153.1	1112.4	1069.9	1025.6	975.0	922.7	869.7	815.3
-47.5°	1155.8	1131.3	1103.0	1071.7	1035.5	996.3	954.7	910.3	862.4	812.6	760.9
-50°	1062.3	1033.7	1008.5	986.9	954.8	918.1	881.0	845.7	800.0	752.2	703.0
-52.5°	937.6	923.6	908.4	892.2	867.5	834.7	803.5	772.2	733.6	687.1	639.9
-55°	830.7	819.3	809.2	793.8	772.8	746.2	719.9	693.4	660.1	617.2	578.3
-57.5°	740.9	725.8	716.2	699.9	676.6	657.0	636.6	611.9	582.1	546.5	514.9
-60°	660.9	645.4	631.1	614.1	594.3	575.0	556.3	531.9	501.6	476.9	451.8
-62.5°	569.2	562.6	545.4	526.8	512.4	500.4	477.8	452.8	431.3	411.6	388.6
-65°	456.1	440.8	431.6	430.3	421.6	404.8	386.3	374.4	361.7	344.4	325.1
-67.5°	371.0	364.3	357.8	348.7	339.7	328.2	320.4	310.1	296.9	278.5	264.5
-70°	314.1	310.2	304.3	295.6	286.2	276.7	267.9	255.7	238.3	216.6	204.1
-72.5°	264.6	261.9	257.3	250.2	242.5	234.7	223.4	206.4	185.2	159.8	147.2
-75°	218.1	216.3	213.0	207.4	201.2	194.6	183.2	163.5	143.0	121.5	110.2
-77.5°	169.3	168.4	167.0	163.1	159.2	155.4	147.8	128.0	108.8	91.4	82.2
-80°	113.3	114.9	114.8	112.6	110.0	107.1	102.2	88.8	76.7	66.1	58.7
-82.5°	66.2	63.6	61.0	61.3	61.5	61.4	60.6	53.2	46.3	39.8	34.5
-85°	23.2	22.0	20.8	23.0	24.8	26.2	27.0	24.0	21.1	18.4	16.1
-87.5°	5.6	5.5	5.4	5.3	5.2	5.1	4.9	4.8	4.6	4.4	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: P559237 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-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°	5.1	5.8	6.4	6.9	7.3	7.5	7.6	7.6	7.2	6.7	6.1
85°	17.1	17.7	17.8	17.3	16.2	15.0	15.3	15.2	14.4	13.4	12.2
82.5°	35.9	37.3	38.1	38.0	35.6	33.1	30.4	27.7	24.7	20.6	18.3
80°	62.1	64.1	64.6	63.0	57.0	51.1	47.0	43.1	40.0	35.6	29.8
77.5°	88.4	92.4	94.1	92.0	83.7	75.5	67.3	59.9	55.5	50.6	44.1
75°	115.6	121.6	125.3	123.1	112.8	99.8	89.4	80.7	74.4	66.1	58.4
72.5°	150.0	153.0	156.2	155.6	146.6	133.6	116.8	101.7	94.6	85.3	73.6
70°	196.0	187.5	185.4	184.2	178.7	168.6	151.7	131.7	115.2	104.6	91.5
67.5°	252.3	240.5	228.3	215.3	208.8	199.7	186.2	162.9	141.1	124.0	109.4
65°	307.9	292.2	277.3	258.4	242.8	230.9	217.1	192.2	166.0	144.3	127.3
62.5°	364.9	341.6	321.6	299.7	279.1	262.3	247.5	219.3	190.0	163.8	143.5
60°	424.4	396.4	366.0	339.6	314.8	292.3	272.5	246.0	214.3	182.1	158.3
57.5°	484.8	452.0	415.0	380.4	350.7	323.2	296.3	269.3	238.1	202.7	171.4
55°	544.4	508.5	463.8	422.6	386.7	355.1	321.3	290.8	260.7	223.7	181.0
52.5°	597.6	560.0	515.6	465.8	422.7	385.6	348.4	311.9	279.8	244.2	193.9
50°	651.9	605.3	562.9	513.5	458.7	415.7	374.6	335.2	298.4	263.1	206.1
47.5°	708.4	654.0	604.3	558.0	502.0	444.9	401.0	358.1	316.6	279.4	216.7
45°	760.3	704.1	647.0	595.6	542.4	479.0	426.8	380.0	336.3	287.6	225.8
42.5°	809.5	750.8	691.1	631.9	576.2	512.4	451.8	402.4	355.1	294.0	232.2
40°	856.6	794.8	732.7	670.9	610.0	542.8	479.0	424.1	371.8	299.6	236.5
37.5°	901.5	836.7	771.7	708.1	644.4	574.4	504.1	444.8	380.0	305.8	239.5
35°	945.0	876.4	810.4	743.8	677.0	606.3	526.6	464.8	392.1	311.0	241.1
32.5°	986.5	915.1	847.1	778.2	707.8	638.5	551.9	483.0	406.9	315.2	241.5
30°	1026.8	953.1	881.6	811.0	737.0	665.4	580.3	500.9	424.1	318.3	241.5
27.5°	1065.2	988.1	913.8	841.1	765.4	690.1	607.9	518.4	443.5	324.6	243.1
25°	1100.5	1020.7	943.7	868.6	792.0	713.8	633.6	535.6	459.6	337.6	243.8
22.5°	1133.2	1050.4	970.8	893.9	818.0	736.7	655.2	556.8	472.9	351.2	243.5
20°	1163.0	1076.7	996.2	920.5	841.6	758.5	673.7	576.0	485.4	365.0	242.2
17.5°	1192.7	1104.2	1025.3	945.8	863.3	778.3	690.8	593.1	496.9	378.7	239.9
15°	1239.7	1134.0	1051.8	969.5	883.5	796.0	706.5	608.2	507.4	391.9	239.2
12.5°	1282.0	1160.5	1075.6	991.5	902.0	811.6	720.7	621.1	516.8	400.9	240.2
10°	1317.6	1183.9	1096.6	1011.4	918.5	825.0	733.1	632.1	524.5	404.6	239.7
7.5°	1346.7	1203.9	1114.8	1029.1	933.7	837.8	744.6	641.4	532.1	405.0	237.7
5°	1371.7	1225.7	1137.5	1048.5	951.8	850.5	754.3	648.4	538.9	402.3	234.6
2.5°	1400.3	1252.2	1162.6	1065.7	967.5	861.0	761.8	653.2	544.2	396.5	230.5
0°	1422.6	1275.3	1185.0	1079.8	980.5	869.2	767.0	655.7	547.4	388.0	225.6
-2.5°	1400.3	1252.2	1162.6	1065.7	967.5	861.0	761.8	653.2	544.2	396.5	230.5
-5°	1371.7	1225.7	1137.5	1048.5	951.8	850.5	754.3	648.4	538.9	402.3	234.6
-7.5°	1346.7	1203.9	1114.8	1029.1	933.7	837.8	744.6	641.4	532.1	405.0	237.7
-10°	1317.6	1183.9	1096.6	1011.4	918.5	825.0	733.1	632.1	524.5	404.6	239.7
-12.5°	1282.0	1160.5	1075.6	991.5	902.0	811.6	720.7	621.1	516.8	400.9	240.2
-15°	1239.7	1134.0	1051.8	969.5	883.5	796.0	706.5	608.2	507.4	391.9	239.2
-17.5°	1192.7	1104.2	1025.3	945.8	863.3	778.3	690.8	593.1	496.9	378.7	239.9
-20°	1163.0	1076.7	996.2	920.5	841.6	758.5	673.7	576.0	485.4	365.0	242.2



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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°	1133.2	1050.4	970.8	893.9	818.0	736.7	655.2	556.8	472.9	351.2	243.5
-25°	1100.5	1020.7	943.7	868.6	792.0	713.8	633.6	535.6	459.6	337.6	243.8
-27.5°	1065.2	988.1	913.8	841.1	765.4	690.1	607.9	518.4	443.5	324.6	243.1
-30°	1026.8	953.1	881.6	811.0	737.0	665.4	580.3	500.9	424.1	318.3	241.5
-32.5°	986.5	915.1	847.1	778.2	707.8	638.5	551.9	483.0	406.9	315.2	241.5
-35°	945.0	876.4	810.4	743.8	677.0	606.3	526.6	464.8	392.1	311.0	241.1
-37.5°	901.5	836.7	771.7	708.1	644.4	574.4	504.1	444.8	380.0	305.8	239.5
-40°	856.6	794.8	732.7	670.9	610.0	542.8	479.0	424.1	371.8	299.6	236.5
-42.5°	809.5	750.8	691.1	631.9	576.2	512.4	451.8	402.4	355.1	294.0	232.2
-45°	760.3	704.1	647.0	595.6	542.4	479.0	426.8	380.0	336.3	287.6	225.8
-47.5°	708.4	654.0	604.3	558.0	502.0	444.9	401.0	358.1	316.6	279.4	216.7
-50°	651.9	605.3	562.9	513.5	458.7	415.7	374.6	335.2	298.4	263.1	206.1
-52.5°	597.6	560.0	515.6	465.8	422.7	385.6	348.4	311.9	279.8	244.2	193.9
-55°	544.4	508.5	463.8	422.6	386.7	355.1	321.3	290.8	260.7	223.7	181.0
-57.5°	484.8	452.0	415.0	380.4	350.7	323.2	296.3	269.3	238.1	202.7	171.4
-60°	424.4	396.4	366.0	339.6	314.8	292.3	272.5	246.0	214.3	182.1	158.3
-62.5°	364.9	341.6	321.6	299.7	279.1	262.3	247.5	219.3	190.0	163.8	143.5
-65°	307.9	292.2	277.3	258.4	242.8	230.9	217.1	192.2	166.0	144.3	127.3
-67.5°	252.3	240.5	228.3	215.3	208.8	199.7	186.2	162.9	141.1	124.0	109.4
-70°	196.0	187.5	185.4	184.2	178.7	168.6	151.7	131.7	115.2	104.6	91.5
-72.5°	150.0	153.0	156.2	155.6	146.6	133.6	116.8	101.7	94.6	85.3	73.6
-75°	115.6	121.6	125.3	123.1	112.8	99.8	89.4	80.7	74.4	66.1	58.4
-77.5°	88.4	92.4	94.1	92.0	83.7	75.5	67.3	59.9	55.5	50.6	44.1
-80°	62.1	64.1	64.6	63.0	57.0	51.1	47.0	43.1	40.0	35.6	29.8
-82.5°	35.9	37.3	38.1	38.0	35.6	33.1	30.4	27.7	24.7	20.6	18.3
-85°	17.1	17.7	17.8	17.3	16.2	15.0	15.3	15.2	14.4	13.4	12.2
-87.5°	5.1	5.8	6.4	6.9	7.3	7.5	7.6	7.6	7.2	6.7	6.1
-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°	5.5	4.2	3.1	2.2	1.3	0.7	0.0
85°	10.9	8.5	6.3	4.3	2.6	1.3	0.0
82.5°	16.3	12.6	9.4	6.4	3.9	2.0	0.0
80°	22.5	16.8	12.4	8.5	5.2	2.6	0.0
77.5°	35.3	22.9	15.4	10.6	6.5	3.2	0.0
75°	47.8	32.6	19.2	12.7	7.8	3.9	0.0
72.5°	60.0	42.1	26.2	14.7	9.0	4.5	0.0
70°	72.3	51.4	33.1	17.2	10.2	5.1	0.0
67.5°	86.5	60.4	39.9	21.8	11.5	5.7	0.0
65°	100.2	70.0	46.3	26.4	12.7	6.3	0.0
62.5°	113.2	80.2	52.6	30.8	13.8	6.9	0.0
60°	125.6	89.9	58.6	35.0	15.0	7.5	0.0
57.5°	134.1	99.0	65.4	39.0	17.6	8.1	0.0
55°	141.3	107.6	71.9	42.8	20.2	8.6	0.0
52.5°	147.4	115.0	78.0	46.5	22.7	9.1	0.0
50°	152.5	118.7	83.7	49.9	25.1	9.6	0.0
47.5°	157.1	121.7	88.9	53.3	27.4	10.1	0.0
45°	164.8	123.9	93.8	56.8	29.6	10.6	0.0
42.5°	171.2	125.4	98.1	60.1	31.6	11.1	0.0
40°	176.5	126.1	100.4	63.6	33.6	11.5	0.0
37.5°	180.6	126.1	100.7	67.1	35.5	11.9	0.0
35°	183.5	127.7	100.6	70.6	37.2	12.3	0.0
32.5°	184.9	129.7	100.0	74.0	38.8	12.6	0.0
30°	184.8	130.9	99.0	77.2	40.3	13.0	0.0
27.5°	183.7	131.2	100.1	80.4	41.7	13.3	0.0
25°	181.6	130.8	101.2	83.4	42.9	13.6	0.0
22.5°	178.7	131.1	102.2	86.2	44.0	13.9	0.0
20°	175.0	134.5	103.0	88.9	45.0	14.1	0.0
17.5°	175.2	137.5	103.7	91.4	45.8	14.3	0.0
15°	177.8	140.1	104.2	93.7	46.6	14.5	0.0
12.5°	180.0	142.3	104.6	95.7	47.1	14.6	0.0
10°	181.6	144.2	104.9	97.6	47.6	14.8	0.0
7.5°	182.7	145.6	105.1	99.2	47.9	14.9	0.0
5°	183.4	146.6	105.2	100.5	48.1	14.9	0.0
2.5°	183.7	147.2	105.3	101.5	48.2	15.0	0.0
0°	183.5	147.4	105.3	102.3	48.1	15.0	0.0
-2.5°	183.7	147.2	105.3	101.5	48.2	15.0	0.0
-5°	183.4	146.6	105.2	100.5	48.1	14.9	0.0
-7.5°	182.7	145.6	105.1	99.2	47.9	14.9	0.0
-10°	181.6	144.2	104.9	97.6	47.6	14.8	0.0
-12.5°	180.0	142.3	104.6	95.7	47.1	14.6	0.0
-15°	177.8	140.1	104.2	93.7	46.6	14.5	0.0
-17.5°	175.2	137.5	103.7	91.4	45.8	14.3	0.0
-20°	175.0	134.5	103.0	88.9	45.0	14.1	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	178.7	131.1	102.2	86.2	44.0	13.9	0.0
-25°	181.6	130.8	101.2	83.4	42.9	13.6	0.0
-27.5°	183.7	131.2	100.1	80.4	41.7	13.3	0.0
-30°	184.8	130.9	99.0	77.2	40.3	13.0	0.0
-32.5°	184.9	129.7	100.0	74.0	38.8	12.6	0.0
-35°	183.5	127.7	100.6	70.6	37.2	12.3	0.0
-37.5°	180.6	126.1	100.7	67.1	35.5	11.9	0.0
-40°	176.5	126.1	100.4	63.6	33.6	11.5	0.0
-42.5°	171.2	125.4	98.1	60.1	31.6	11.1	0.0
-45°	164.8	123.9	93.8	56.8	29.6	10.6	0.0
-47.5°	157.1	121.7	88.9	53.3	27.4	10.1	0.0
-50°	152.5	118.7	83.7	49.9	25.1	9.6	0.0
-52.5°	147.4	115.0	78.0	46.5	22.7	9.1	0.0
-55°	141.3	107.6	71.9	42.8	20.2	8.6	0.0
-57.5°	134.1	99.0	65.4	39.0	17.6	8.1	0.0
-60°	125.6	89.9	58.6	35.0	15.0	7.5	0.0
-62.5°	113.2	80.2	52.6	30.8	13.8	6.9	0.0
-65°	100.2	70.0	46.3	26.4	12.7	6.3	0.0
-67.5°	86.5	60.4	39.9	21.8	11.5	5.7	0.0
-70°	72.3	51.4	33.1	17.2	10.2	5.1	0.0
-72.5°	60.0	42.1	26.2	14.7	9.0	4.5	0.0
-75°	47.8	32.6	19.2	12.7	7.8	3.9	0.0
-77.5°	35.3	22.9	15.4	10.6	6.5	3.2	0.0
-80°	22.5	16.8	12.4	8.5	5.2	2.6	0.0
-82.5°	16.3	12.6	9.4	6.4	3.9	2.0	0.0
-85°	10.9	8.5	6.3	4.3	2.6	1.3	0.0
-87.5°	5.5	4.2	3.1	2.2	1.3	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)