

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: P559205 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-930-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559205 (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-SA6D-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

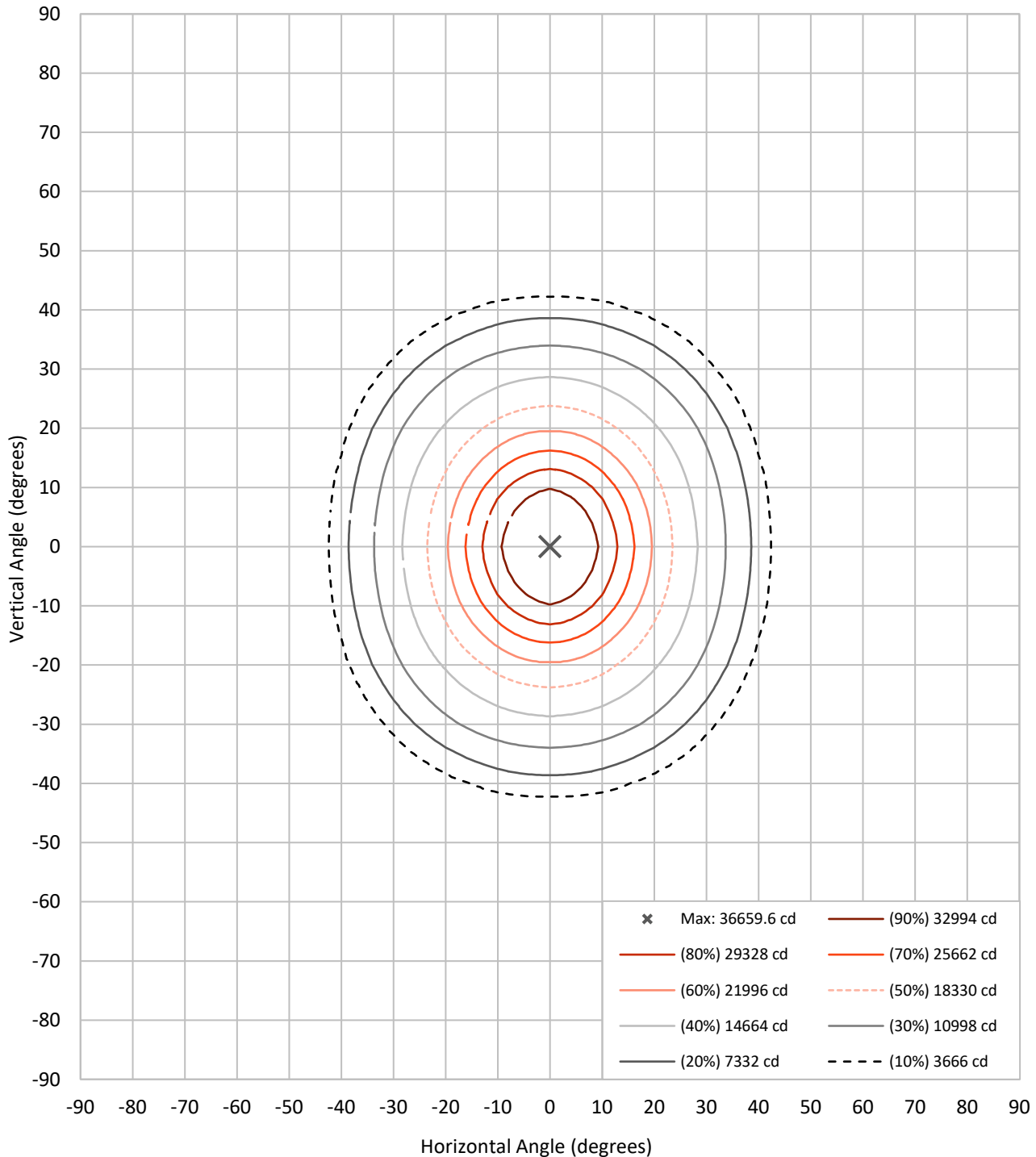
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	28537.5 lumens	Max Intensity:	36659.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	89.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	13465.9 lumens	Field Lumens:	25912 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 319
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





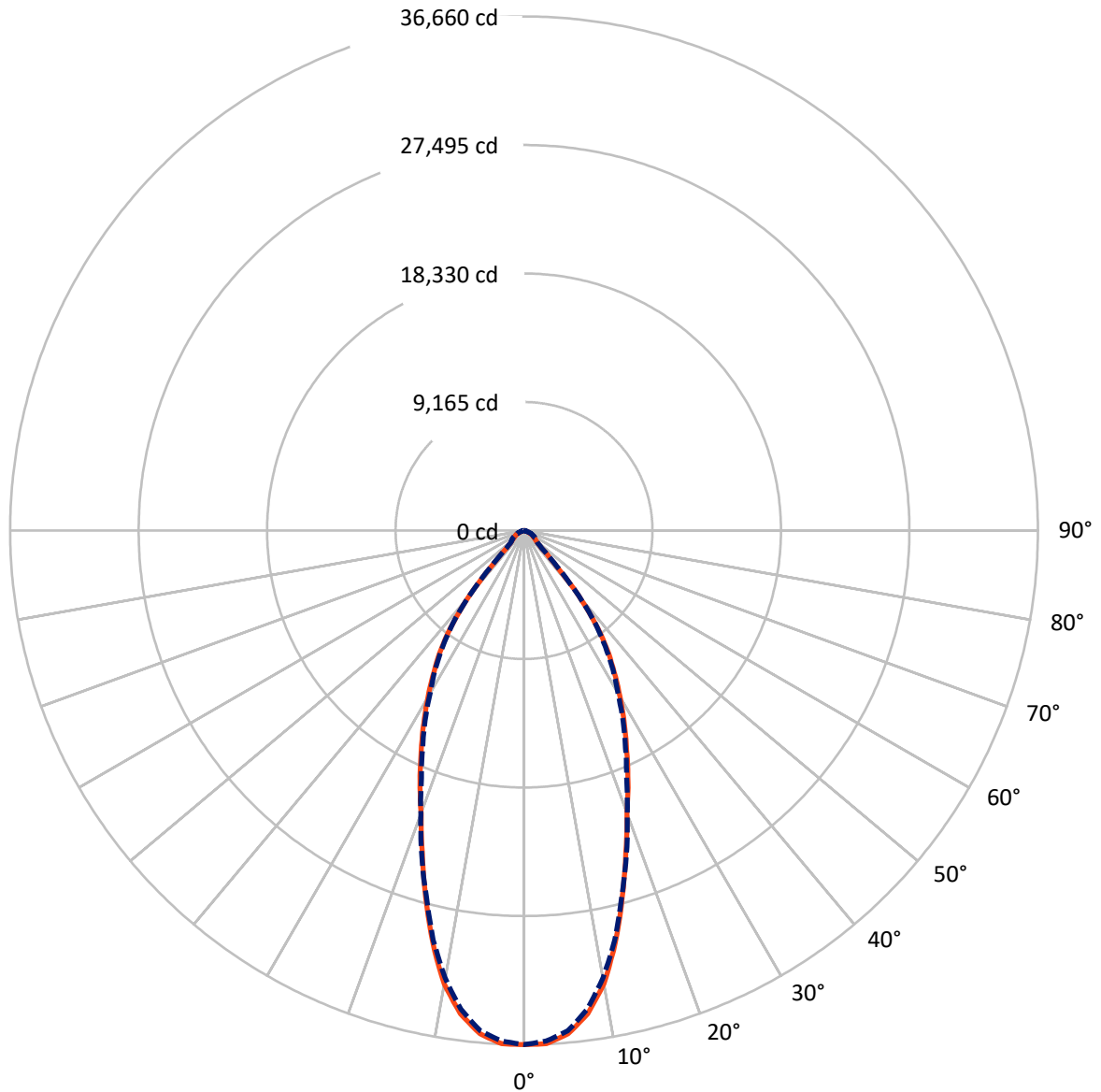
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Lumen Table

90																
80	0.5	3.5		7.8		12.9		10.0		12.9		7.8		3.5		0.5
70																
60	2.0	2.3	4.2	6.5	9.1	11.4	13.1	14.1	14.1	13.1	11.4	9.1	6.5	4.2	2.3	2.0
50		3.5	6.9	11.4	16.4	20.5	23.4	25.8	25.8	23.4	20.5	16.4	11.4	6.9	3.5	
40	3.0	4.5	9.5	16.1	23.4	32.0	50.7	71.0	71.0	50.7	32.0	23.4	16.1	9.5	4.5	3.0
30		5.5	11.9	20.0	37.6	120.3	234.2	298.3	298.3	234.2	120.3	37.6	20.0	11.9	5.5	
20	3.4	6.5	13.9	25.1	110.0	287.3	424.0	513.4	513.4	424.0	287.3	110.0	25.1	13.9	6.5	3.4
10		7.2	15.5	38.4	199.9	396.5	602.5	784.2	784.2	602.5	396.5	199.9	38.4	15.5	7.2	
0	3.5	7.7	16.8	53.0	243.6	462.7	757.8	1025.0	1025.0	757.8	462.7	243.6	53.0	16.8	7.7	3.5
-10		7.7	16.8	53.0	243.6	462.7	757.8	1025.0	1025.0	757.8	462.7	243.6	53.0	16.8	7.7	
-20	3.4	7.2	15.5	38.4	199.9	396.5	602.5	784.2	784.2	602.5	396.5	199.9	38.4	15.5	7.2	3.4
-30		6.5	13.9	25.1	110.0	287.3	424.0	513.4	513.4	424.0	287.3	110.0	25.1	13.9	6.5	
-40	3.0	5.5	11.9	20.0	37.6	120.3	234.2	298.3	298.3	234.2	120.3	37.6	20.0	11.9	5.5	3.0
-50		4.5	9.5	16.1	23.4	32.0	50.7	71.0	71.0	50.7	32.0	23.4	16.1	9.5	4.5	
-60	2.0	3.5	6.9	11.4	16.4	20.5	23.4	25.8	25.8	23.4	20.5	16.4	11.4	6.9	3.5	2.0
-70		2.3	4.2	6.5	9.1	11.4	13.1	14.1	14.1	13.1	11.4	9.1	6.5	4.2	2.3	
-80																
-90	0.5	3.5		7.8		12.9		10.0		12.9		7.8		3.5		0.5

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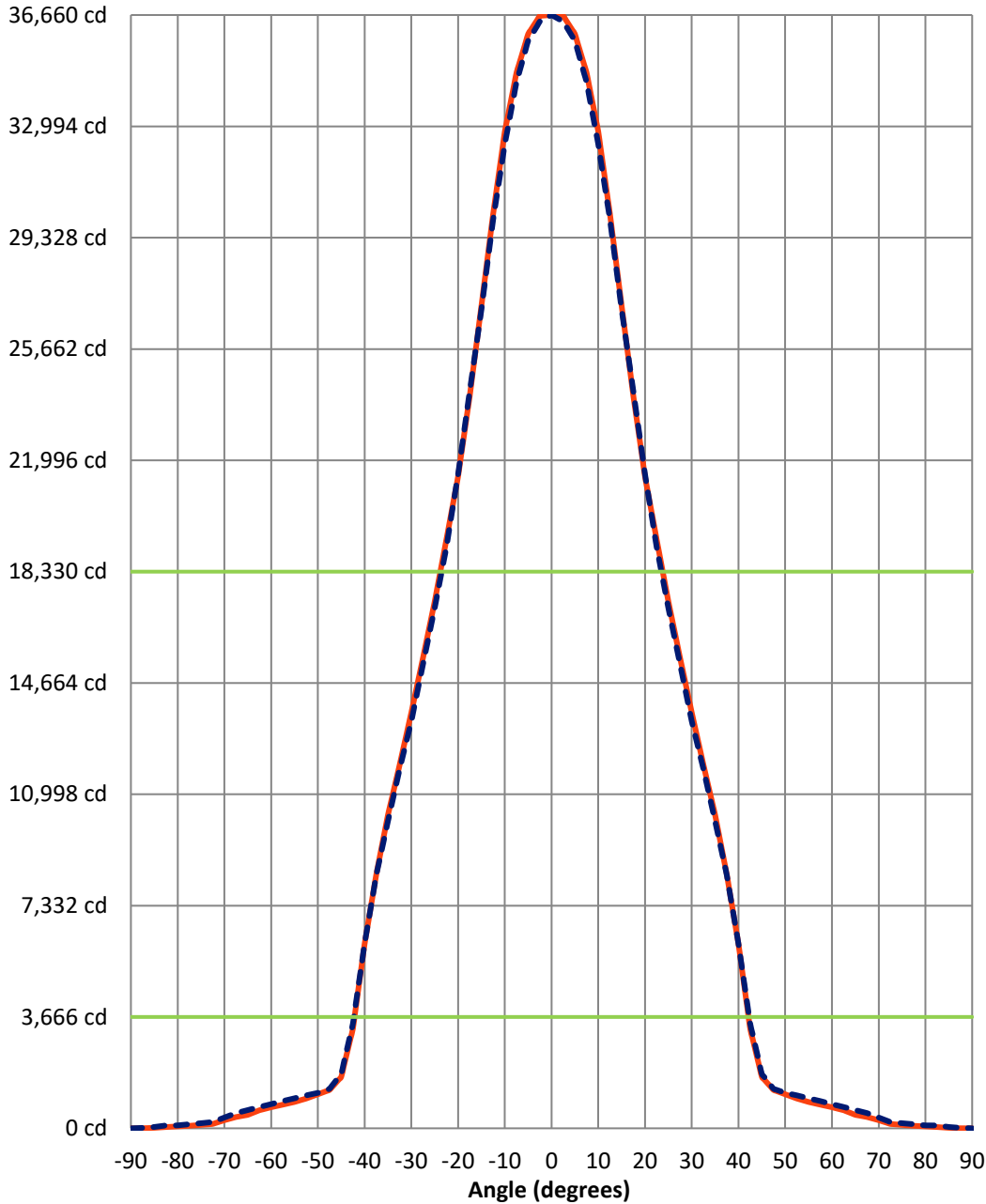
Luminous Intensity Polar Plot



— 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: 13465.9
Efficiency: 47.2%

Field:
H Angle: 84.6°
V Angle: 84.3°
Lumens: 25912
Efficiency: 90.8%

Spill:
Lumens: 2625.5
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	1.2	2.0	2.9	3.9	5.0	5.6	6.1	6.6	7.0
85°	0.0	1.2	2.4	4.0	5.7	7.7	10.0	11.2	12.2	13.2	14.0
82.5°	0.0	1.8	3.6	5.9	8.6	11.6	14.9	16.8	18.9	22.6	25.4
80°	0.0	2.4	4.8	7.9	11.4	15.4	20.6	27.3	32.6	36.6	39.5
77.5°	0.0	3.0	6.0	9.8	14.1	20.9	32.3	40.3	46.3	50.8	54.8
75°	0.0	3.6	7.1	11.6	17.6	29.9	43.8	53.4	60.5	68.1	73.8
72.5°	0.0	4.1	8.3	13.5	24.0	38.6	55.0	67.4	78.0	86.6	93.1
70°	0.0	4.7	9.4	15.8	30.4	47.1	66.2	83.7	95.7	105.4	120.5
67.5°	0.0	5.3	10.6	20.0	36.5	55.3	79.2	100.1	113.4	129.1	149.1
65°	0.0	5.8	11.7	24.2	42.4	64.1	91.7	116.5	132.1	151.9	175.8
62.5°	0.0	6.4	12.7	28.2	48.2	73.4	103.6	131.3	149.8	173.8	200.7
60°	0.0	6.9	13.8	32.1	53.6	82.3	115.0	144.8	166.6	196.0	225.1
57.5°	0.0	7.4	16.2	35.7	59.9	90.6	122.7	156.8	185.5	217.9	246.5
55°	0.0	7.9	18.6	39.3	65.8	98.5	129.2	165.5	204.7	238.5	266.1
52.5°	0.0	8.4	20.8	42.6	71.4	105.3	134.8	177.4	223.4	256.0	285.4
50°	0.0	8.9	23.0	45.7	76.6	108.6	139.5	188.5	240.8	273.1	306.8
47.5°	0.0	9.3	25.1	48.8	81.4	111.4	143.7	198.3	255.6	289.7	327.7
45°	0.0	9.8	27.1	52.0	85.8	113.4	150.7	206.6	263.2	307.7	347.8
42.5°	0.0	10.2	29.0	55.0	89.8	114.7	156.6	212.5	269.0	324.9	368.2
40°	0.0	10.6	30.8	58.2	91.9	115.4	161.5	216.4	274.2	340.3	388.1
37.5°	0.0	10.9	32.5	61.5	92.2	115.3	165.2	219.1	279.8	347.7	407.0
35°	0.0	11.3	34.1	64.6	92.0	116.8	167.9	220.6	284.5	358.8	425.3
32.5°	0.0	11.6	35.6	67.7	91.5	118.6	169.2	221.0	288.4	372.3	441.9
30°	0.0	12.0	36.9	70.7	90.6	119.7	169.1	221.0	291.3	388.1	458.3
27.5°	0.0	12.2	38.2	73.6	91.5	120.1	168.0	222.4	297.0	405.8	474.3
25°	0.0	12.5	39.3	76.3	92.6	119.7	166.2	223.0	308.9	420.6	490.1
22.5°	0.0	12.7	40.3	78.9	93.5	120.0	163.5	222.8	321.4	432.7	509.4
20°	0.0	13.0	41.2	81.3	94.2	123.1	160.1	221.6	334.0	444.1	527.0
17.5°	0.0	13.2	42.0	83.6	94.9	125.8	160.3	219.5	346.6	454.7	542.7
15°	0.0	13.3	42.6	85.7	95.3	128.2	162.7	218.9	358.6	464.3	556.5
12.5°	0.0	13.5	43.1	87.6	95.7	130.3	164.6	219.8	366.9	472.8	568.3
10°	0.0	13.6	43.6	89.3	96.0	131.9	166.1	219.3	370.3	479.9	578.4
7.5°	0.0	13.7	43.8	90.7	96.1	133.2	167.2	217.5	370.6	486.8	586.9
5°	0.0	13.7	44.0	92.0	96.2	134.2	167.8	214.6	368.1	493.1	593.4
2.5°	0.0	13.8	44.1	92.9	96.3	134.7	168.1	210.9	362.8	498.0	597.7
0°	0.0	13.8	44.0	93.6	96.3	134.9	167.9	206.4	355.0	500.9	600.0
-2.5°	0.0	13.8	44.1	92.9	96.3	134.7	168.1	210.9	362.8	498.0	597.7
-5°	0.0	13.7	44.0	92.0	96.2	134.2	167.8	214.6	368.1	493.1	593.4
-7.5°	0.0	13.7	43.8	90.7	96.1	133.2	167.2	217.5	370.6	486.8	586.9
-10°	0.0	13.6	43.6	89.3	96.0	131.9	166.1	219.3	370.3	479.9	578.4
-12.5°	0.0	13.5	43.1	87.6	95.7	130.3	164.6	219.8	366.9	472.8	568.3
-15°	0.0	13.3	42.6	85.7	95.3	128.2	162.7	218.9	358.6	464.3	556.5
-17.5°	0.0	13.2	42.0	83.6	94.9	125.8	160.3	219.5	346.6	454.7	542.7
-20°	0.0	13.0	41.2	81.3	94.2	123.1	160.1	221.6	334.0	444.1	527.0



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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	12.7	40.3	78.9	93.5	120.0	163.5	222.8	321.4	432.7	509.4
-25°	0.0	12.5	39.3	76.3	92.6	119.7	166.2	223.0	308.9	420.6	490.1
-27.5°	0.0	12.2	38.2	73.6	91.5	120.1	168.0	222.4	297.0	405.8	474.3
-30°	0.0	12.0	36.9	70.7	90.6	119.7	169.1	221.0	291.3	388.1	458.3
-32.5°	0.0	11.6	35.6	67.7	91.5	118.6	169.2	221.0	288.4	372.3	441.9
-35°	0.0	11.3	34.1	64.6	92.0	116.8	167.9	220.6	284.5	358.8	425.3
-37.5°	0.0	10.9	32.5	61.5	92.2	115.3	165.2	219.1	279.8	347.7	407.0
-40°	0.0	10.6	30.8	58.2	91.9	115.4	161.5	216.4	274.2	340.3	388.1
-42.5°	0.0	10.2	29.0	55.0	89.8	114.7	156.6	212.5	269.0	324.9	368.2
-45°	0.0	9.8	27.1	52.0	85.8	113.4	150.7	206.6	263.2	307.7	347.8
-47.5°	0.0	9.3	25.1	48.8	81.4	111.4	143.7	198.3	255.6	289.7	327.7
-50°	0.0	8.9	23.0	45.7	76.6	108.6	139.5	188.5	240.8	273.1	306.8
-52.5°	0.0	8.4	20.8	42.6	71.4	105.3	134.8	177.4	223.4	256.0	285.4
-55°	0.0	7.9	18.6	39.3	65.8	98.5	129.2	165.5	204.7	238.5	266.1
-57.5°	0.0	7.4	16.2	35.7	59.9	90.6	122.7	156.8	185.5	217.9	246.5
-60°	0.0	6.9	13.8	32.1	53.6	82.3	115.0	144.8	166.6	196.0	225.1
-62.5°	0.0	6.4	12.7	28.2	48.2	73.4	103.6	131.3	149.8	173.8	200.7
-65°	0.0	5.8	11.7	24.2	42.4	64.1	91.7	116.5	132.1	151.9	175.8
-67.5°	0.0	5.3	10.6	20.0	36.5	55.3	79.2	100.1	113.4	129.1	149.1
-70°	0.0	4.7	9.4	15.8	30.4	47.1	66.2	83.7	95.7	105.4	120.5
-72.5°	0.0	4.1	8.3	13.5	24.0	38.6	55.0	67.4	78.0	86.6	93.1
-75°	0.0	3.6	7.1	11.6	17.6	29.9	43.8	53.4	60.5	68.1	73.8
-77.5°	0.0	3.0	6.0	9.8	14.1	20.9	32.3	40.3	46.3	50.8	54.8
-80°	0.0	2.4	4.8	7.9	11.4	15.4	20.6	27.3	32.6	36.6	39.5
-82.5°	0.0	1.8	3.6	5.9	8.6	11.6	14.9	16.8	18.9	22.6	25.4
-85°	0.0	1.2	2.4	4.0	5.7	7.7	10.0	11.2	12.2	13.2	14.0
-87.5°	0.0	0.6	1.2	2.0	2.9	3.9	5.0	5.6	6.1	6.6	7.0
-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):

	-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°	7.0	6.9	6.7	6.3	5.9	5.3	4.7	3.9	4.1	4.2	4.4
85°	14.0	13.8	14.9	15.9	16.3	16.2	15.6	14.7	16.9	19.3	22.0
82.5°	27.8	30.3	32.6	34.8	34.9	34.1	32.9	31.5	36.3	42.3	48.7
80°	43.0	46.7	52.1	57.6	59.1	58.6	56.8	53.7	60.4	70.2	81.2
77.5°	61.6	69.0	76.6	84.1	86.0	84.5	80.9	75.2	83.7	99.5	117.1
75°	81.8	91.3	103.2	112.6	114.6	111.3	105.8	100.9	111.2	130.8	149.6
72.5°	106.8	122.3	134.1	142.4	143.0	140.0	137.2	134.7	146.2	169.5	188.8
70°	138.8	154.3	163.5	168.5	169.6	171.5	179.4	186.7	198.2	218.1	234.0
67.5°	170.4	182.7	191.0	197.0	208.9	220.1	230.9	242.0	254.8	271.7	283.8
65°	198.6	211.3	222.2	236.5	253.8	267.4	281.8	297.5	315.1	331.0	342.6
62.5°	226.5	240.0	255.4	274.3	294.3	312.6	333.9	355.6	376.6	394.6	414.4
60°	249.4	267.5	288.1	310.8	335.0	362.8	388.3	413.4	436.4	458.9	486.7
57.5°	271.2	295.8	320.9	348.1	379.7	413.6	443.6	471.2	500.0	532.7	559.9
55°	294.1	324.9	353.8	386.7	424.4	465.3	498.1	529.2	564.8	604.0	634.5
52.5°	318.8	352.8	386.7	426.2	471.8	512.4	546.8	585.5	628.7	671.2	706.6
50°	342.7	380.4	419.6	469.9	515.1	553.9	596.5	643.2	688.3	732.0	773.9
47.5°	366.9	407.1	459.4	510.7	553.0	598.4	648.1	696.2	743.6	789.2	833.0
45°	390.5	438.2	496.4	545.0	592.1	644.2	695.7	746.0	795.9	844.3	892.2
42.5°	413.3	468.8	527.3	578.3	632.4	687.0	740.7	794.0	846.6	898.5	949.5
40°	438.3	496.7	558.3	613.9	670.4	727.3	783.9	840.1	895.6	950.6	1004.7
37.5°	461.3	525.6	589.7	647.9	706.1	765.7	825.0	884.6	943.1	1000.3	1062.0
35°	481.8	554.9	619.5	680.6	741.5	802.0	864.8	927.4	989.0	1051.2	1129.8
32.5°	504.9	584.3	647.7	712.1	775.2	837.4	902.6	968.9	1034.5	1107.1	1220.2
30°	531.0	608.9	674.4	742.1	806.7	872.1	939.5	1008.8	1077.7	1190.7	1451.8
27.5°	556.3	631.5	700.4	769.7	836.2	904.1	974.7	1046.4	1142.6	1316.2	1739.9
25°	579.8	653.2	724.7	794.9	863.6	934.0	1007.0	1081.5	1212.1	1562.9	2498.7
22.5°	599.6	674.1	748.5	817.9	888.3	961.1	1037.0	1135.9	1337.7	1811.8	3343.0
20°	616.5	694.1	770.1	842.3	911.5	985.2	1064.2	1187.6	1528.5	2522.5	4354.8
17.5°	632.2	712.2	790.0	865.4	938.1	1010.4	1091.5	1232.3	1700.3	3140.2	5372.2
15°	646.6	728.4	808.5	887.1	962.4	1037.7	1134.5	1359.3	2047.7	3753.4	6278.4
12.5°	659.5	742.7	825.4	907.2	984.2	1062.0	1173.1	1485.6	2473.3	4472.8	6896.9
10°	670.9	754.9	840.5	925.5	1003.4	1083.3	1205.7	1589.2	2823.2	5064.5	7394.0
7.5°	681.4	766.7	854.4	941.7	1020.0	1101.7	1232.4	1670.1	3093.4	5510.1	7790.6
5°	690.3	778.3	871.0	959.4	1040.9	1121.6	1255.3	1728.2	3283.3	5810.3	8079.4
2.5°	697.1	787.9	885.3	975.1	1063.9	1145.8	1281.4	1771.2	3405.7	6001.5	8264.2
0°	701.8	795.4	897.2	988.0	1084.4	1166.9	1301.8	1791.7	3451.3	6071.4	8333.7
-2.5°	697.1	787.9	885.3	975.1	1063.9	1145.8	1281.4	1771.2	3405.7	6001.5	8264.2
-5°	690.3	778.3	871.0	959.4	1040.9	1121.6	1255.3	1728.2	3283.3	5810.3	8079.4
-7.5°	681.4	766.7	854.4	941.7	1020.0	1101.7	1232.4	1670.1	3093.4	5510.1	7790.6
-10°	670.9	754.9	840.5	925.5	1003.4	1083.3	1205.7	1589.2	2823.2	5064.5	7394.0
-12.5°	659.5	742.7	825.4	907.2	984.2	1062.0	1173.1	1485.6	2473.3	4472.8	6896.9
-15°	646.6	728.4	808.5	887.1	962.4	1037.7	1134.5	1359.3	2047.7	3753.4	6278.4
-17.5°	632.2	712.2	790.0	865.4	938.1	1010.4	1091.5	1232.3	1700.3	3140.2	5372.2
-20°	616.5	694.1	770.1	842.3	911.5	985.2	1064.2	1187.6	1528.5	2522.5	4354.8



REPORT NUMBER: P559205 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	599.6	674.1	748.5	817.9	888.3	961.1	1037.0	1135.9	1337.7	1811.8	3343.0
-25°	579.8	653.2	724.7	794.9	863.6	934.0	1007.0	1081.5	1212.1	1562.9	2498.7
-27.5°	556.3	631.5	700.4	769.7	836.2	904.1	974.7	1046.4	1142.6	1316.2	1739.9
-30°	531.0	608.9	674.4	742.1	806.7	872.1	939.5	1008.8	1077.7	1190.7	1451.8
-32.5°	504.9	584.3	647.7	712.1	775.2	837.4	902.6	968.9	1034.5	1107.1	1220.2
-35°	481.8	554.9	619.5	680.6	741.5	802.0	864.8	927.4	989.0	1051.2	1129.8
-37.5°	461.3	525.6	589.7	647.9	706.1	765.7	825.0	884.6	943.1	1000.3	1062.0
-40°	438.3	496.7	558.3	613.9	670.4	727.3	783.9	840.1	895.6	950.6	1004.7
-42.5°	413.3	468.8	527.3	578.3	632.4	687.0	740.7	794.0	846.6	898.5	949.5
-45°	390.5	438.2	496.4	545.0	592.1	644.2	695.7	746.0	795.9	844.3	892.2
-47.5°	366.9	407.1	459.4	510.7	553.0	598.4	648.1	696.2	743.6	789.2	833.0
-50°	342.7	380.4	419.6	469.9	515.1	553.9	596.5	643.2	688.3	732.0	773.9
-52.5°	318.8	352.8	386.7	426.2	471.8	512.4	546.8	585.5	628.7	671.2	706.6
-55°	294.1	324.9	353.8	386.7	424.4	465.3	498.1	529.2	564.8	604.0	634.5
-57.5°	271.2	295.8	320.9	348.1	379.7	413.6	443.6	471.2	500.0	532.7	559.9
-60°	249.4	267.5	288.1	310.8	335.0	362.8	388.3	413.4	436.4	458.9	486.7
-62.5°	226.5	240.0	255.4	274.3	294.3	312.6	333.9	355.6	376.6	394.6	414.4
-65°	198.6	211.3	222.2	236.5	253.8	267.4	281.8	297.5	315.1	331.0	342.6
-67.5°	170.4	182.7	191.0	197.0	208.9	220.1	230.9	242.0	254.8	271.7	283.8
-70°	138.8	154.3	163.5	168.5	169.6	171.5	179.4	186.7	198.2	218.1	234.0
-72.5°	106.8	122.3	134.1	142.4	143.0	140.0	137.2	134.7	146.2	169.5	188.8
-75°	81.8	91.3	103.2	112.6	114.6	111.3	105.8	100.9	111.2	130.8	149.6
-77.5°	61.6	69.0	76.6	84.1	86.0	84.5	80.9	75.2	83.7	99.5	117.1
-80°	43.0	46.7	52.1	57.6	59.1	58.6	56.8	53.7	60.4	70.2	81.2
-82.5°	27.8	30.3	32.6	34.8	34.9	34.1	32.9	31.5	36.3	42.3	48.7
-85°	14.0	13.8	14.9	15.9	16.3	16.2	15.6	14.7	16.9	19.3	22.0
-87.5°	7.0	6.9	6.7	6.3	5.9	5.3	4.7	3.9	4.1	4.2	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: P559205 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	4.5	4.6	4.8	4.9	5.0	5.1	5.2	5.2	5.3	4.7	4.1
85°	24.8	24.0	22.7	21.0	19.0	20.1	21.2	22.4	23.5	21.9	20.2
82.5°	55.5	56.2	56.2	56.1	55.8	58.2	60.5	62.6	64.3	59.4	53.7
80°	93.5	98.0	100.6	103.0	105.1	105.1	103.7	101.2	97.7	89.4	80.2
77.5°	135.2	142.2	145.7	149.2	152.8	154.1	154.9	155.9	156.9	142.3	123.8
75°	167.6	178.0	184.1	189.7	194.9	197.9	199.6	200.6	201.1	183.5	161.0
72.5°	204.5	214.8	222.0	229.0	235.5	239.7	242.1	244.0	245.3	230.0	208.4
70°	245.2	253.3	261.9	270.5	278.5	283.9	287.5	290.3	292.5	291.0	289.9
67.5°	293.3	300.4	310.9	319.1	327.4	333.3	339.5	344.4	348.0	352.0	356.6
65°	353.5	370.4	385.9	393.7	394.9	403.3	417.3	426.3	430.8	434.4	438.9
62.5°	437.2	457.9	468.9	482.0	499.0	514.8	520.8	529.0	538.7	550.4	563.9
60°	509.1	526.1	543.8	561.9	577.6	590.6	604.8	618.9	631.7	643.5	654.9
57.5°	582.5	601.2	619.2	640.5	655.3	664.1	677.9	694.8	707.9	718.0	733.4
55°	658.7	682.8	707.2	726.4	740.5	749.8	760.2	776.5	786.1	789.8	807.6
52.5°	735.2	763.8	793.9	816.4	831.3	845.2	858.0	872.3	882.0	886.8	904.2
50°	806.2	840.2	873.7	903.0	922.8	945.9	972.0	984.9	993.2	1002.4	1021.9
47.5°	873.6	911.6	947.5	980.7	1009.3	1035.2	1057.6	1079.3	1111.2	1136.5	1161.6
45°	938.4	979.0	1017.9	1055.2	1087.1	1137.8	1186.0	1227.1	1336.9	1429.2	1499.7
42.5°	999.5	1048.5	1092.3	1154.3	1221.8	1338.9	1519.6	1687.1	2011.1	2428.2	2776.5
40°	1063.2	1126.7	1205.1	1325.9	1554.5	1789.4	2491.7	3117.6	3733.1	4433.2	5033.1
37.5°	1137.5	1233.1	1463.1	1736.1	2468.8	3279.2	4274.6	5251.7	6102.4	6830.4	7438.3
35°	1235.9	1531.5	1961.2	2955.7	4038.1	5367.0	6514.2	7433.1	8273.6	8948.1	9455.8
32.5°	1525.9	2066.8	3201.9	4569.6	6058.6	7342.3	8459.7	9339.6	10106.3	10710.8	11181.5
30°	1950.5	3193.6	4735.2	6373.3	7856.4	9082.1	10114.5	10953.2	11637.6	12252.8	12769.2
27.5°	2959.5	4559.0	6371.1	8041.8	9390.8	10538.3	11464.5	12295.3	13049.8	13697.5	14308.2
25°	4063.5	6043.7	7871.4	9392.0	10650.9	11727.5	12704.4	13613.1	14457.8	15215.9	15926.2
22.5°	5389.5	7364.3	9111.1	10518.4	11738.4	12844.4	13881.9	14893.3	15876.6	16801.7	17661.0
20°	6590.0	8528.2	10051.4	11456.9	12724.3	13876.9	15020.3	16199.0	17333.8	18448.2	19482.9
17.5°	7525.5	9328.6	10857.8	12282.5	13572.5	14877.8	16186.5	17540.2	18909.0	20203.1	21440.9
15°	8306.7	9996.3	11546.0	12970.5	14389.0	15829.1	17291.1	18885.9	20514.1	22063.0	23640.7
12.5°	8860.5	10553.5	12124.6	13554.0	15144.2	16707.5	18409.4	20227.0	22107.4	23911.7	25849.6
10°	9305.7	10998.0	12555.9	14097.1	15780.1	17513.4	19422.3	21424.3	23668.1	25804.5	27892.5
7.5°	9687.7	11368.8	12902.4	14540.0	16309.2	18214.4	20290.4	22553.8	24982.0	27359.3	29844.7
5°	9967.2	11621.6	13171.7	14903.1	16715.9	18726.5	20959.9	23378.5	25982.6	28587.4	31045.3
2.5°	10115.1	11765.8	13339.1	15128.3	16954.5	19036.7	21362.8	23926.3	26676.9	29519.2	31942.7
0°	10111.7	11826.3	13403.3	15280.3	17129.8	19130.7	21536.1	24277.3	26960.7	29913.9	32401.9
-2.5°	10115.1	11765.8	13339.1	15128.3	16954.5	19036.7	21362.8	23926.3	26676.9	29519.2	31942.7
-5°	9967.2	11621.6	13171.7	14903.1	16715.9	18726.5	20959.9	23378.5	25982.6	28587.4	31045.3
-7.5°	9687.7	11368.8	12902.4	14540.0	16309.2	18214.4	20290.4	22553.8	24982.0	27359.3	29844.7
-10°	9305.7	10998.0	12555.9	14097.1	15780.1	17513.4	19422.3	21424.3	23668.1	25804.5	27892.5
-12.5°	8860.5	10553.5	12124.6	13554.0	15144.2	16707.5	18409.4	20227.0	22107.4	23911.7	25849.6
-15°	8306.7	9996.3	11546.0	12970.5	14389.0	15829.1	17291.1	18885.9	20514.1	22063.0	23640.7
-17.5°	7525.5	9328.6	10857.8	12282.5	13572.5	14877.8	16186.5	17540.2	18909.0	20203.1	21440.9
-20°	6590.0	8528.2	10051.4	11456.9	12724.3	13876.9	15020.3	16199.0	17333.8	18448.2	19482.9



REPORT NUMBER: P559205 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	5389.5	7364.3	9111.1	10518.4	11738.4	12844.4	13881.9	14893.3	15876.6	16801.7	17661.0
-25°	4063.5	6043.7	7871.4	9392.0	10650.9	11727.5	12704.4	13613.1	14457.8	15215.9	15926.2
-27.5°	2959.5	4559.0	6371.1	8041.8	9390.8	10538.3	11464.5	12295.3	13049.8	13697.5	14308.2
-30°	1950.5	3193.6	4735.2	6373.3	7856.4	9082.1	10114.5	10953.2	11637.6	12252.8	12769.2
-32.5°	1525.9	2066.8	3201.9	4569.6	6058.6	7342.3	8459.7	9339.6	10106.3	10710.8	11181.5
-35°	1235.9	1531.5	1961.2	2955.7	4038.1	5367.0	6514.2	7433.1	8273.6	8948.1	9455.8
-37.5°	1137.5	1233.1	1463.1	1736.1	2468.8	3279.2	4274.6	5251.7	6102.4	6830.4	7438.3
-40°	1063.2	1126.7	1205.1	1325.9	1554.5	1789.4	2491.7	3117.6	3733.1	4433.2	5033.1
-42.5°	999.5	1048.5	1092.3	1154.3	1221.8	1338.9	1519.6	1687.1	2011.1	2428.2	2776.5
-45°	938.4	979.0	1017.9	1055.2	1087.1	1137.8	1186.0	1227.1	1336.9	1429.2	1499.7
-47.5°	873.6	911.6	947.5	980.7	1009.3	1035.2	1057.6	1079.3	1111.2	1136.5	1161.6
-50°	806.2	840.2	873.7	903.0	922.8	945.9	972.0	984.9	993.2	1002.4	1021.9
-52.5°	735.2	763.8	793.9	816.4	831.3	845.2	858.0	872.3	882.0	886.8	904.2
-55°	658.7	682.8	707.2	726.4	740.5	749.8	760.2	776.5	786.1	789.8	807.6
-57.5°	582.5	601.2	619.2	640.5	655.3	664.1	677.9	694.8	707.9	718.0	733.4
-60°	509.1	526.1	543.8	561.9	577.6	590.6	604.8	618.9	631.7	643.5	654.9
-62.5°	437.2	457.9	468.9	482.0	499.0	514.8	520.8	529.0	538.7	550.4	563.9
-65°	353.5	370.4	385.9	393.7	394.9	403.3	417.3	426.3	430.8	434.4	438.9
-67.5°	293.3	300.4	310.9	319.1	327.4	333.3	339.5	344.4	348.0	352.0	356.6
-70°	245.2	253.3	261.9	270.5	278.5	283.9	287.5	290.3	292.5	291.0	289.9
-72.5°	204.5	214.8	222.0	229.0	235.5	239.7	242.1	244.0	245.3	230.0	208.4
-75°	167.6	178.0	184.1	189.7	194.9	197.9	199.6	200.6	201.1	183.5	161.0
-77.5°	135.2	142.2	145.7	149.2	152.8	154.1	154.9	155.9	156.9	142.3	123.8
-80°	93.5	98.0	100.6	103.0	105.1	105.1	103.7	101.2	97.7	89.4	80.2
-82.5°	55.5	56.2	56.2	56.1	55.8	58.2	60.5	62.6	64.3	59.4	53.7
-85°	24.8	24.0	22.7	21.0	19.0	20.1	21.2	22.4	23.5	21.9	20.2
-87.5°	4.5	4.6	4.8	4.9	5.0	5.1	5.2	5.2	5.3	4.7	4.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559205 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	3.4	2.8	2.8	2.8	2.8	2.8	3.4	4.1	4.7	5.3	5.2
85°	18.3	16.4	16.5	16.5	16.5	16.4	18.3	20.2	21.9	23.5	22.4
82.5°	47.6	41.1	41.2	41.3	41.2	41.1	47.6	53.7	59.4	64.3	62.6
80°	70.5	60.5	61.8	63.3	61.8	60.5	70.5	80.2	89.4	97.7	101.2
77.5°	104.0	83.2	82.5	82.6	82.5	83.2	104.0	123.8	142.3	156.9	155.9
75°	137.7	113.8	112.6	112.8	112.6	113.8	137.7	161.0	183.5	201.1	200.6
72.5°	186.1	163.3	152.9	143.1	152.9	163.3	186.1	208.4	230.0	245.3	244.0
70°	290.1	290.7	280.6	267.0	280.6	290.7	290.1	289.9	291.0	292.5	290.3
67.5°	360.5	363.4	367.7	371.5	367.7	363.4	360.5	356.6	352.0	348.0	344.4
65°	441.0	440.8	442.3	443.1	442.3	440.8	441.0	438.9	434.4	430.8	426.3
62.5°	575.4	584.7	591.2	594.5	591.2	584.7	575.4	563.9	550.4	538.7	529.0
60°	664.5	672.1	682.9	693.6	682.9	672.1	664.5	654.9	643.5	631.7	618.9
57.5°	747.8	760.7	771.1	778.9	771.1	760.7	747.8	733.4	718.0	707.9	694.8
55°	824.6	839.5	853.9	866.9	853.9	839.5	824.6	807.6	789.8	786.1	776.5
52.5°	921.1	933.4	953.9	979.8	953.9	933.4	921.1	904.2	886.8	882.0	872.3
50°	1044.4	1063.0	1088.9	1120.2	1088.9	1063.0	1044.4	1021.9	1002.4	993.2	984.9
47.5°	1186.9	1205.7	1230.5	1263.3	1230.5	1205.7	1186.9	1161.6	1136.5	1111.2	1079.3
45°	1564.1	1608.1	1648.3	1692.6	1648.3	1608.1	1564.1	1499.7	1429.2	1336.9	1227.1
42.5°	3055.7	3248.7	3332.1	3283.4	3332.1	3248.7	3055.7	2776.5	2428.2	2011.1	1687.1
40°	5490.5	5811.4	6000.2	6065.9	6000.2	5811.4	5490.5	5033.1	4433.2	3733.1	3117.6
37.5°	7882.2	8177.5	8336.9	8355.7	8336.9	8177.5	7882.2	7438.3	6830.4	6102.4	5251.7
35°	9822.3	10065.6	10209.8	10318.1	10209.8	10065.6	9822.3	9455.8	8948.1	8273.6	7433.1
32.5°	11564.8	11842.0	12002.2	11966.6	12002.2	11842.0	11564.8	11181.5	10710.8	10106.3	9339.6
30°	13192.5	13495.7	13684.0	13689.5	13684.0	13495.7	13192.5	12769.2	12252.8	11637.6	10953.2
27.5°	14801.7	15142.1	15338.4	15492.2	15338.4	15142.1	14801.7	14308.2	13697.5	13049.8	12295.3
25°	16518.5	16942.7	17194.8	17347.2	17194.8	16942.7	16518.5	15926.2	15215.9	14457.8	13613.1
22.5°	18369.5	18895.1	19240.4	19383.9	19240.4	18895.1	18369.5	17661.0	16801.7	15876.6	14893.3
20°	20382.9	21034.2	21475.1	21461.8	21475.1	21034.2	20382.9	19482.9	18448.2	17333.8	16199.0
17.5°	22629.5	23469.6	24038.2	24120.4	24038.2	23469.6	22629.5	21440.9	20203.1	18909.0	17540.2
15°	25038.0	26121.2	26856.6	27084.6	26856.6	26121.2	25038.0	23640.7	22063.0	20514.1	18885.9
12.5°	27506.2	28794.6	29775.0	30101.0	29775.0	28794.6	27506.2	25849.6	23911.7	22107.4	20227.0
10°	29857.9	31285.0	32349.2	32820.2	32349.2	31285.0	29857.9	27892.5	25804.5	23668.1	21424.3
7.5°	31823.8	33273.9	34370.0	34757.8	34370.0	33273.9	31823.8	29844.7	27359.3	24982.0	22553.8
5°	33119.1	34703.2	35555.5	36034.8	35555.5	34703.2	33119.1	31045.3	28587.4	25982.6	23378.5
2.5°	33984.3	35327.7	36190.9	36632.0	36190.9	35327.7	33984.3	31942.7	29519.2	26676.9	23926.3
0°	34444.0	35811.9	36444.9	36659.6	36444.9	35811.9	34444.0	32401.9	29913.9	26960.7	24277.3
-2.5°	33984.3	35327.7	36190.9	36632.0	36190.9	35327.7	33984.3	31942.7	29519.2	26676.9	23926.3
-5°	33119.1	34703.2	35555.5	36034.8	35555.5	34703.2	33119.1	31045.3	28587.4	25982.6	23378.5
-7.5°	31823.8	33273.9	34370.0	34757.8	34370.0	33273.9	31823.8	29844.7	27359.3	24982.0	22553.8
-10°	29857.9	31285.0	32349.2	32820.2	32349.2	31285.0	29857.9	27892.5	25804.5	23668.1	21424.3
-12.5°	27506.2	28794.6	29775.0	30101.0	29775.0	28794.6	27506.2	25849.6	23911.7	22107.4	20227.0
-15°	25038.0	26121.2	26856.6	27084.6	26856.6	26121.2	25038.0	23640.7	22063.0	20514.1	18885.9
-17.5°	22629.5	23469.6	24038.2	24120.4	24038.2	23469.6	22629.5	21440.9	20203.1	18909.0	17540.2
-20°	20382.9	21034.2	21475.1	21461.8	21475.1	21034.2	20382.9	19482.9	18448.2	17333.8	16199.0



REPORT NUMBER: P559205 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	18369.5	18895.1	19240.4	19383.9	19240.4	18895.1	18369.5	17661.0	16801.7	15876.6	14893.3
-25°	16518.5	16942.7	17194.8	17347.2	17194.8	16942.7	16518.5	15926.2	15215.9	14457.8	13613.1
-27.5°	14801.7	15142.1	15338.4	15492.2	15338.4	15142.1	14801.7	14308.2	13697.5	13049.8	12295.3
-30°	13192.5	13495.7	13684.0	13689.5	13684.0	13495.7	13192.5	12769.2	12252.8	11637.6	10953.2
-32.5°	11564.8	11842.0	12002.2	11966.6	12002.2	11842.0	11564.8	11181.5	10710.8	10106.3	9339.6
-35°	9822.3	10065.6	10209.8	10318.1	10209.8	10065.6	9822.3	9455.8	8948.1	8273.6	7433.1
-37.5°	7882.2	8177.5	8336.9	8355.7	8336.9	8177.5	7882.2	7438.3	6830.4	6102.4	5251.7
-40°	5490.5	5811.4	6000.2	6065.9	6000.2	5811.4	5490.5	5033.1	4433.2	3733.1	3117.6
-42.5°	3055.7	3248.7	3332.1	3283.4	3332.1	3248.7	3055.7	2776.5	2428.2	2011.1	1687.1
-45°	1564.1	1608.1	1648.3	1692.6	1648.3	1608.1	1564.1	1499.7	1429.2	1336.9	1227.1
-47.5°	1186.9	1205.7	1230.5	1263.3	1230.5	1205.7	1186.9	1161.6	1136.5	1111.2	1079.3
-50°	1044.4	1063.0	1088.9	1120.2	1088.9	1063.0	1044.4	1021.9	1002.4	993.2	984.9
-52.5°	921.1	933.4	953.9	979.8	953.9	933.4	921.1	904.2	886.8	882.0	872.3
-55°	824.6	839.5	853.9	866.9	853.9	839.5	824.6	807.6	789.8	786.1	776.5
-57.5°	747.8	760.7	771.1	778.9	771.1	760.7	747.8	733.4	718.0	707.9	694.8
-60°	664.5	672.1	682.9	693.6	682.9	672.1	664.5	654.9	643.5	631.7	618.9
-62.5°	575.4	584.7	591.2	594.5	591.2	584.7	575.4	563.9	550.4	538.7	529.0
-65°	441.0	440.8	442.3	443.1	442.3	440.8	441.0	438.9	434.4	430.8	426.3
-67.5°	360.5	363.4	367.7	371.5	367.7	363.4	360.5	356.6	352.0	348.0	344.4
-70°	290.1	290.7	280.6	267.0	280.6	290.7	290.1	289.9	291.0	292.5	290.3
-72.5°	186.1	163.3	152.9	143.1	152.9	163.3	186.1	208.4	230.0	245.3	244.0
-75°	137.7	113.8	112.6	112.8	112.6	113.8	137.7	161.0	183.5	201.1	200.6
-77.5°	104.0	83.2	82.5	82.6	82.5	83.2	104.0	123.8	142.3	156.9	155.9
-80°	70.5	60.5	61.8	63.3	61.8	60.5	70.5	80.2	89.4	97.7	101.2
-82.5°	47.6	41.1	41.2	41.3	41.2	41.1	47.6	53.7	59.4	64.3	62.6
-85°	18.3	16.4	16.5	16.5	16.5	16.4	18.3	20.2	21.9	23.5	22.4
-87.5°	3.4	2.8	2.8	2.8	2.8	2.8	3.4	4.1	4.7	5.3	5.2
-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: P559205 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.2	5.1	5.0	4.9	4.8	4.6	4.5	4.4	4.2	4.1	3.9
85°	21.2	20.1	19.0	21.0	22.7	24.0	24.8	22.0	19.3	16.9	14.7
82.5°	60.5	58.2	55.8	56.1	56.2	56.2	55.5	48.7	42.3	36.3	31.5
80°	103.7	105.1	105.1	103.0	100.6	98.0	93.5	81.2	70.2	60.4	53.7
77.5°	154.9	154.1	152.8	149.2	145.7	142.2	135.2	117.1	99.5	83.7	75.2
75°	199.6	197.9	194.9	189.7	184.1	178.0	167.6	149.6	130.8	111.2	100.9
72.5°	242.1	239.7	235.5	229.0	222.0	214.8	204.5	188.8	169.5	146.2	134.7
70°	287.5	283.9	278.5	270.5	261.9	253.3	245.2	234.0	218.1	198.2	186.7
67.5°	339.5	333.3	327.4	319.1	310.9	300.4	293.3	283.8	271.7	254.8	242.0
65°	417.3	403.3	394.9	393.7	385.9	370.4	353.5	342.6	331.0	315.1	297.5
62.5°	520.8	514.8	499.0	482.0	468.9	457.9	437.2	414.4	394.6	376.6	355.6
60°	604.8	590.6	577.6	561.9	543.8	526.1	509.1	486.7	458.9	436.4	413.4
57.5°	677.9	664.1	655.3	640.5	619.2	601.2	582.5	559.9	532.7	500.0	471.2
55°	760.2	749.8	740.5	726.4	707.2	682.8	658.7	634.5	604.0	564.8	529.2
52.5°	858.0	845.2	831.3	816.4	793.9	763.8	735.2	706.6	671.2	628.7	585.5
50°	972.0	945.9	922.8	903.0	873.7	840.2	806.2	773.9	732.0	688.3	643.2
47.5°	1057.6	1035.2	1009.3	980.7	947.5	911.6	873.6	833.0	789.2	743.6	696.2
45°	1186.0	1137.8	1087.1	1055.2	1017.9	979.0	938.4	892.2	844.3	795.9	746.0
42.5°	1519.6	1338.9	1221.8	1154.3	1092.3	1048.5	999.5	949.5	898.5	846.6	794.0
40°	2491.7	1789.4	1554.5	1325.9	1205.1	1126.7	1063.2	1004.7	950.6	895.6	840.1
37.5°	4274.6	3279.2	2468.8	1736.1	1463.1	1233.1	1137.5	1062.0	1000.3	943.1	884.6
35°	6514.2	5367.0	4038.1	2955.7	1961.2	1531.5	1235.9	1129.8	1051.2	989.0	927.4
32.5°	8459.7	7342.3	6058.6	4569.6	3201.9	2066.8	1525.9	1220.2	1107.1	1034.5	968.9
30°	10114.5	9082.1	7856.4	6373.3	4735.2	3193.6	1950.5	1451.8	1190.7	1077.7	1008.8
27.5°	11464.5	10538.3	9390.8	8041.8	6371.1	4559.0	2959.5	1739.9	1316.2	1142.6	1046.4
25°	12704.4	11727.5	10650.9	9392.0	7871.4	6043.7	4063.5	2498.7	1562.9	1212.1	1081.5
22.5°	13881.9	12844.4	11738.4	10518.4	9111.1	7364.3	5389.5	3343.0	1811.8	1337.7	1135.9
20°	15020.3	13876.9	12724.3	11456.9	10051.4	8528.2	6590.0	4354.8	2522.5	1528.5	1187.6
17.5°	16186.5	14877.8	13572.5	12282.5	10857.8	9328.6	7525.5	5372.2	3140.2	1700.3	1232.3
15°	17291.1	15829.1	14389.0	12970.5	11546.0	9996.3	8306.7	6278.4	3753.4	2047.7	1359.3
12.5°	18409.4	16707.5	15144.2	13554.0	12124.6	10553.5	8860.5	6896.9	4472.8	2473.3	1485.6
10°	19422.3	17513.4	15780.1	14097.1	12555.9	10998.0	9305.7	7394.0	5064.5	2823.2	1589.2
7.5°	20290.4	18214.4	16309.2	14540.0	12902.4	11368.8	9687.7	7790.6	5510.1	3093.4	1670.1
5°	20959.9	18726.5	16715.9	14903.1	13171.7	11621.6	9967.2	8079.4	5810.3	3283.3	1728.2
2.5°	21362.8	19036.7	16954.5	15128.3	13339.1	11765.8	10115.1	8264.2	6001.5	3405.7	1771.2
0°	21536.1	19130.7	17129.8	15280.3	13403.3	11826.3	10111.7	8333.7	6071.4	3451.3	1791.7
-2.5°	21362.8	19036.7	16954.5	15128.3	13339.1	11765.8	10115.1	8264.2	6001.5	3405.7	1771.2
-5°	20959.9	18726.5	16715.9	14903.1	13171.7	11621.6	9967.2	8079.4	5810.3	3283.3	1728.2
-7.5°	20290.4	18214.4	16309.2	14540.0	12902.4	11368.8	9687.7	7790.6	5510.1	3093.4	1670.1
-10°	19422.3	17513.4	15780.1	14097.1	12555.9	10998.0	9305.7	7394.0	5064.5	2823.2	1589.2
-12.5°	18409.4	16707.5	15144.2	13554.0	12124.6	10553.5	8860.5	6896.9	4472.8	2473.3	1485.6
-15°	17291.1	15829.1	14389.0	12970.5	11546.0	9996.3	8306.7	6278.4	3753.4	2047.7	1359.3
-17.5°	16186.5	14877.8	13572.5	12282.5	10857.8	9328.6	7525.5	5372.2	3140.2	1700.3	1232.3
-20°	15020.3	13876.9	12724.3	11456.9	10051.4	8528.2	6590.0	4354.8	2522.5	1528.5	1187.6



REPORT NUMBER: P559205 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	13881.9	12844.4	11738.4	10518.4	9111.1	7364.3	5389.5	3343.0	1811.8	1337.7	1135.9
-25°	12704.4	11727.5	10650.9	9392.0	7871.4	6043.7	4063.5	2498.7	1562.9	1212.1	1081.5
-27.5°	11464.5	10538.3	9390.8	8041.8	6371.1	4559.0	2959.5	1739.9	1316.2	1142.6	1046.4
-30°	10114.5	9082.1	7856.4	6373.3	4735.2	3193.6	1950.5	1451.8	1190.7	1077.7	1008.8
-32.5°	8459.7	7342.3	6058.6	4569.6	3201.9	2066.8	1525.9	1220.2	1107.1	1034.5	968.9
-35°	6514.2	5367.0	4038.1	2955.7	1961.2	1531.5	1235.9	1129.8	1051.2	989.0	927.4
-37.5°	4274.6	3279.2	2468.8	1736.1	1463.1	1233.1	1137.5	1062.0	1000.3	943.1	884.6
-40°	2491.7	1789.4	1554.5	1325.9	1205.1	1126.7	1063.2	1004.7	950.6	895.6	840.1
-42.5°	1519.6	1338.9	1221.8	1154.3	1092.3	1048.5	999.5	949.5	898.5	846.6	794.0
-45°	1186.0	1137.8	1087.1	1055.2	1017.9	979.0	938.4	892.2	844.3	795.9	746.0
-47.5°	1057.6	1035.2	1009.3	980.7	947.5	911.6	873.6	833.0	789.2	743.6	696.2
-50°	972.0	945.9	922.8	903.0	873.7	840.2	806.2	773.9	732.0	688.3	643.2
-52.5°	858.0	845.2	831.3	816.4	793.9	763.8	735.2	706.6	671.2	628.7	585.5
-55°	760.2	749.8	740.5	726.4	707.2	682.8	658.7	634.5	604.0	564.8	529.2
-57.5°	677.9	664.1	655.3	640.5	619.2	601.2	582.5	559.9	532.7	500.0	471.2
-60°	604.8	590.6	577.6	561.9	543.8	526.1	509.1	486.7	458.9	436.4	413.4
-62.5°	520.8	514.8	499.0	482.0	468.9	457.9	437.2	414.4	394.6	376.6	355.6
-65°	417.3	403.3	394.9	393.7	385.9	370.4	353.5	342.6	331.0	315.1	297.5
-67.5°	339.5	333.3	327.4	319.1	310.9	300.4	293.3	283.8	271.7	254.8	242.0
-70°	287.5	283.9	278.5	270.5	261.9	253.3	245.2	234.0	218.1	198.2	186.7
-72.5°	242.1	239.7	235.5	229.0	222.0	214.8	204.5	188.8	169.5	146.2	134.7
-75°	199.6	197.9	194.9	189.7	184.1	178.0	167.6	149.6	130.8	111.2	100.9
-77.5°	154.9	154.1	152.8	149.2	145.7	142.2	135.2	117.1	99.5	83.7	75.2
-80°	103.7	105.1	105.1	103.0	100.6	98.0	93.5	81.2	70.2	60.4	53.7
-82.5°	60.5	58.2	55.8	56.1	56.2	56.2	55.5	48.7	42.3	36.3	31.5
-85°	21.2	20.1	19.0	21.0	22.7	24.0	24.8	22.0	19.3	16.9	14.7
-87.5°	5.2	5.1	5.0	4.9	4.8	4.6	4.5	4.4	4.2	4.1	3.9
-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: P559205 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	4.7	5.3	5.9	6.3	6.7	6.9	7.0	7.0	6.6	6.1	5.6
85°	15.6	16.2	16.3	15.9	14.9	13.8	14.0	14.0	13.2	12.2	11.2
82.5°	32.9	34.1	34.9	34.8	32.6	30.3	27.8	25.4	22.6	18.9	16.8
80°	56.8	58.6	59.1	57.6	52.1	46.7	43.0	39.5	36.6	32.6	27.3
77.5°	80.9	84.5	86.0	84.1	76.6	69.0	61.6	54.8	50.8	46.3	40.3
75°	105.8	111.3	114.6	112.6	103.2	91.3	81.8	73.8	68.1	60.5	53.4
72.5°	137.2	140.0	143.0	142.4	134.1	122.3	106.8	93.1	86.6	78.0	67.4
70°	179.4	171.5	169.6	168.5	163.5	154.3	138.8	120.5	105.4	95.7	83.7
67.5°	230.9	220.1	208.9	197.0	191.0	182.7	170.4	149.1	129.1	113.4	100.1
65°	281.8	267.4	253.8	236.5	222.2	211.3	198.6	175.8	151.9	132.1	116.5
62.5°	333.9	312.6	294.3	274.3	255.4	240.0	226.5	200.7	173.8	149.8	131.3
60°	388.3	362.8	335.0	310.8	288.1	267.5	249.4	225.1	196.0	166.6	144.8
57.5°	443.6	413.6	379.7	348.1	320.9	295.8	271.2	246.5	217.9	185.5	156.8
55°	498.1	465.3	424.4	386.7	353.8	324.9	294.1	266.1	238.5	204.7	165.5
52.5°	546.8	512.4	471.8	426.2	386.7	352.8	318.8	285.4	256.0	223.4	177.4
50°	596.5	553.9	515.1	469.9	419.6	380.4	342.7	306.8	273.1	240.8	188.5
47.5°	648.1	598.4	553.0	510.7	459.4	407.1	366.9	327.7	289.7	255.6	198.3
45°	695.7	644.2	592.1	545.0	496.4	438.2	390.5	347.8	307.7	263.2	206.6
42.5°	740.7	687.0	632.4	578.3	527.3	468.8	413.3	368.2	324.9	269.0	212.5
40°	783.9	727.3	670.4	613.9	558.3	496.7	438.3	388.1	340.3	274.2	216.4
37.5°	825.0	765.7	706.1	647.9	589.7	525.6	461.3	407.0	347.7	279.8	219.1
35°	864.8	802.0	741.5	680.6	619.5	554.9	481.8	425.3	358.8	284.5	220.6
32.5°	902.6	837.4	775.2	712.1	647.7	584.3	504.9	441.9	372.3	288.4	221.0
30°	939.5	872.1	806.7	742.1	674.4	608.9	531.0	458.3	388.1	291.3	221.0
27.5°	974.7	904.1	836.2	769.7	700.4	631.5	556.3	474.3	405.8	297.0	222.4
25°	1007.0	934.0	863.6	794.9	724.7	653.2	579.8	490.1	420.6	308.9	223.0
22.5°	1037.0	961.1	888.3	817.9	748.5	674.1	599.6	509.4	432.7	321.4	222.8
20°	1064.2	985.2	911.5	842.3	770.1	694.1	616.5	527.0	444.1	334.0	221.6
17.5°	1091.5	1010.4	938.1	865.4	790.0	712.2	632.2	542.7	454.7	346.6	219.5
15°	1134.5	1037.7	962.4	887.1	808.5	728.4	646.6	556.5	464.3	358.6	218.9
12.5°	1173.1	1062.0	984.2	907.2	825.4	742.7	659.5	568.3	472.8	366.9	219.8
10°	1205.7	1083.3	1003.4	925.5	840.5	754.9	670.9	578.4	479.9	370.3	219.3
7.5°	1232.4	1101.7	1020.0	941.7	854.4	766.7	681.4	586.9	486.8	370.6	217.5
5°	1255.3	1121.6	1040.9	959.4	871.0	778.3	690.3	593.4	493.1	368.1	214.6
2.5°	1281.4	1145.8	1063.9	975.1	885.3	787.9	697.1	597.7	498.0	362.8	210.9
0°	1301.8	1166.9	1084.4	988.0	897.2	795.4	701.8	600.0	500.9	355.0	206.4
-2.5°	1281.4	1145.8	1063.9	975.1	885.3	787.9	697.1	597.7	498.0	362.8	210.9
-5°	1255.3	1121.6	1040.9	959.4	871.0	778.3	690.3	593.4	493.1	368.1	214.6
-7.5°	1232.4	1101.7	1020.0	941.7	854.4	766.7	681.4	586.9	486.8	370.6	217.5
-10°	1205.7	1083.3	1003.4	925.5	840.5	754.9	670.9	578.4	479.9	370.3	219.3
-12.5°	1173.1	1062.0	984.2	907.2	825.4	742.7	659.5	568.3	472.8	366.9	219.8
-15°	1134.5	1037.7	962.4	887.1	808.5	728.4	646.6	556.5	464.3	358.6	218.9
-17.5°	1091.5	1010.4	938.1	865.4	790.0	712.2	632.2	542.7	454.7	346.6	219.5
-20°	1064.2	985.2	911.5	842.3	770.1	694.1	616.5	527.0	444.1	334.0	221.6



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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°	1037.0	961.1	888.3	817.9	748.5	674.1	599.6	509.4	432.7	321.4	222.8
-25°	1007.0	934.0	863.6	794.9	724.7	653.2	579.8	490.1	420.6	308.9	223.0
-27.5°	974.7	904.1	836.2	769.7	700.4	631.5	556.3	474.3	405.8	297.0	222.4
-30°	939.5	872.1	806.7	742.1	674.4	608.9	531.0	458.3	388.1	291.3	221.0
-32.5°	902.6	837.4	775.2	712.1	647.7	584.3	504.9	441.9	372.3	288.4	221.0
-35°	864.8	802.0	741.5	680.6	619.5	554.9	481.8	425.3	358.8	284.5	220.6
-37.5°	825.0	765.7	706.1	647.9	589.7	525.6	461.3	407.0	347.7	279.8	219.1
-40°	783.9	727.3	670.4	613.9	558.3	496.7	438.3	388.1	340.3	274.2	216.4
-42.5°	740.7	687.0	632.4	578.3	527.3	468.8	413.3	368.2	324.9	269.0	212.5
-45°	695.7	644.2	592.1	545.0	496.4	438.2	390.5	347.8	307.7	263.2	206.6
-47.5°	648.1	598.4	553.0	510.7	459.4	407.1	366.9	327.7	289.7	255.6	198.3
-50°	596.5	553.9	515.1	469.9	419.6	380.4	342.7	306.8	273.1	240.8	188.5
-52.5°	546.8	512.4	471.8	426.2	386.7	352.8	318.8	285.4	256.0	223.4	177.4
-55°	498.1	465.3	424.4	386.7	353.8	324.9	294.1	266.1	238.5	204.7	165.5
-57.5°	443.6	413.6	379.7	348.1	320.9	295.8	271.2	246.5	217.9	185.5	156.8
-60°	388.3	362.8	335.0	310.8	288.1	267.5	249.4	225.1	196.0	166.6	144.8
-62.5°	333.9	312.6	294.3	274.3	255.4	240.0	226.5	200.7	173.8	149.8	131.3
-65°	281.8	267.4	253.8	236.5	222.2	211.3	198.6	175.8	151.9	132.1	116.5
-67.5°	230.9	220.1	208.9	197.0	191.0	182.7	170.4	149.1	129.1	113.4	100.1
-70°	179.4	171.5	169.6	168.5	163.5	154.3	138.8	120.5	105.4	95.7	83.7
-72.5°	137.2	140.0	143.0	142.4	134.1	122.3	106.8	93.1	86.6	78.0	67.4
-75°	105.8	111.3	114.6	112.6	103.2	91.3	81.8	73.8	68.1	60.5	53.4
-77.5°	80.9	84.5	86.0	84.1	76.6	69.0	61.6	54.8	50.8	46.3	40.3
-80°	56.8	58.6	59.1	57.6	52.1	46.7	43.0	39.5	36.6	32.6	27.3
-82.5°	32.9	34.1	34.9	34.8	32.6	30.3	27.8	25.4	22.6	18.9	16.8
-85°	15.6	16.2	16.3	15.9	14.9	13.8	14.0	14.0	13.2	12.2	11.2
-87.5°	4.7	5.3	5.9	6.3	6.7	6.9	7.0	7.0	6.6	6.1	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



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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°	5.0	3.9	2.9	2.0	1.2	0.6	0.0
85°	10.0	7.7	5.7	4.0	2.4	1.2	0.0
82.5°	14.9	11.6	8.6	5.9	3.6	1.8	0.0
80°	20.6	15.4	11.4	7.9	4.8	2.4	0.0
77.5°	32.3	20.9	14.1	9.8	6.0	3.0	0.0
75°	43.8	29.9	17.6	11.6	7.1	3.6	0.0
72.5°	55.0	38.6	24.0	13.5	8.3	4.1	0.0
70°	66.2	47.1	30.4	15.8	9.4	4.7	0.0
67.5°	79.2	55.3	36.5	20.0	10.6	5.3	0.0
65°	91.7	64.1	42.4	24.2	11.7	5.8	0.0
62.5°	103.6	73.4	48.2	28.2	12.7	6.4	0.0
60°	115.0	82.3	53.6	32.1	13.8	6.9	0.0
57.5°	122.7	90.6	59.9	35.7	16.2	7.4	0.0
55°	129.2	98.5	65.8	39.3	18.6	7.9	0.0
52.5°	134.8	105.3	71.4	42.6	20.8	8.4	0.0
50°	139.5	108.6	76.6	45.7	23.0	8.9	0.0
47.5°	143.7	111.4	81.4	48.8	25.1	9.3	0.0
45°	150.7	113.4	85.8	52.0	27.1	9.8	0.0
42.5°	156.6	114.7	89.8	55.0	29.0	10.2	0.0
40°	161.5	115.4	91.9	58.2	30.8	10.6	0.0
37.5°	165.2	115.3	92.2	61.5	32.5	10.9	0.0
35°	167.9	116.8	92.0	64.6	34.1	11.3	0.0
32.5°	169.2	118.6	91.5	67.7	35.6	11.6	0.0
30°	169.1	119.7	90.6	70.7	36.9	12.0	0.0
27.5°	168.0	120.1	91.5	73.6	38.2	12.2	0.0
25°	166.2	119.7	92.6	76.3	39.3	12.5	0.0
22.5°	163.5	120.0	93.5	78.9	40.3	12.7	0.0
20°	160.1	123.1	94.2	81.3	41.2	13.0	0.0
17.5°	160.3	125.8	94.9	83.6	42.0	13.2	0.0
15°	162.7	128.2	95.3	85.7	42.6	13.3	0.0
12.5°	164.6	130.3	95.7	87.6	43.1	13.5	0.0
10°	166.1	131.9	96.0	89.3	43.6	13.6	0.0
7.5°	167.2	133.2	96.1	90.7	43.8	13.7	0.0
5°	167.8	134.2	96.2	92.0	44.0	13.7	0.0
2.5°	168.1	134.7	96.3	92.9	44.1	13.8	0.0
0°	167.9	134.9	96.3	93.6	44.0	13.8	0.0
-2.5°	168.1	134.7	96.3	92.9	44.1	13.8	0.0
-5°	167.8	134.2	96.2	92.0	44.0	13.7	0.0
-7.5°	167.2	133.2	96.1	90.7	43.8	13.7	0.0
-10°	166.1	131.9	96.0	89.3	43.6	13.6	0.0
-12.5°	164.6	130.3	95.7	87.6	43.1	13.5	0.0
-15°	162.7	128.2	95.3	85.7	42.6	13.3	0.0
-17.5°	160.3	125.8	94.9	83.6	42.0	13.2	0.0
-20°	160.1	123.1	94.2	81.3	41.2	13.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	163.5	120.0	93.5	78.9	40.3	12.7	0.0
-25°	166.2	119.7	92.6	76.3	39.3	12.5	0.0
-27.5°	168.0	120.1	91.5	73.6	38.2	12.2	0.0
-30°	169.1	119.7	90.6	70.7	36.9	12.0	0.0
-32.5°	169.2	118.6	91.5	67.7	35.6	11.6	0.0
-35°	167.9	116.8	92.0	64.6	34.1	11.3	0.0
-37.5°	165.2	115.3	92.2	61.5	32.5	10.9	0.0
-40°	161.5	115.4	91.9	58.2	30.8	10.6	0.0
-42.5°	156.6	114.7	89.8	55.0	29.0	10.2	0.0
-45°	150.7	113.4	85.8	52.0	27.1	9.8	0.0
-47.5°	143.7	111.4	81.4	48.8	25.1	9.3	0.0
-50°	139.5	108.6	76.6	45.7	23.0	8.9	0.0
-52.5°	134.8	105.3	71.4	42.6	20.8	8.4	0.0
-55°	129.2	98.5	65.8	39.3	18.6	7.9	0.0
-57.5°	122.7	90.6	59.9	35.7	16.2	7.4	0.0
-60°	115.0	82.3	53.6	32.1	13.8	6.9	0.0
-62.5°	103.6	73.4	48.2	28.2	12.7	6.4	0.0
-65°	91.7	64.1	42.4	24.2	11.7	5.8	0.0
-67.5°	79.2	55.3	36.5	20.0	10.6	5.3	0.0
-70°	66.2	47.1	30.4	15.8	9.4	4.7	0.0
-72.5°	55.0	38.6	24.0	13.5	8.3	4.1	0.0
-75°	43.8	29.9	17.6	11.6	7.1	3.6	0.0
-77.5°	32.3	20.9	14.1	9.8	6.0	3.0	0.0
-80°	20.6	15.4	11.4	7.9	4.8	2.4	0.0
-82.5°	14.9	11.6	8.6	5.9	3.6	1.8	0.0
-85°	10.0	7.7	5.7	4.0	2.4	1.2	0.0
-87.5°	5.0	3.9	2.9	2.0	1.2	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)