

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: P559038 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-927-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559038 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA5C-927-U-NAT-XX
Description: GALLEON FLOOD, FIVE LIGHT SQUARE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (80) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

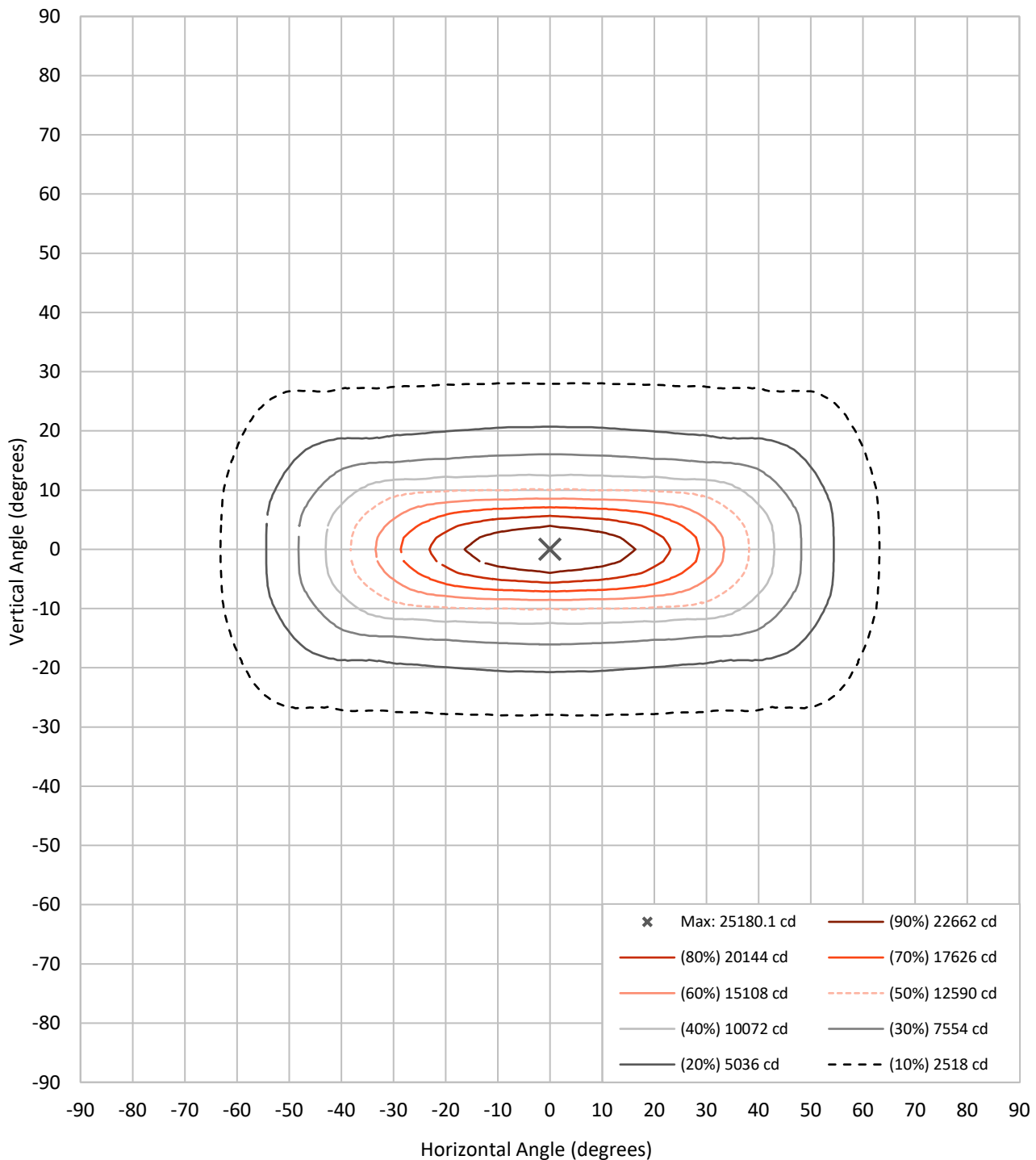
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	18033.5 lumens	Max Intensity:	25180.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	89.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	7215.1 lumens	Field Lumens:	14780.3 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 201
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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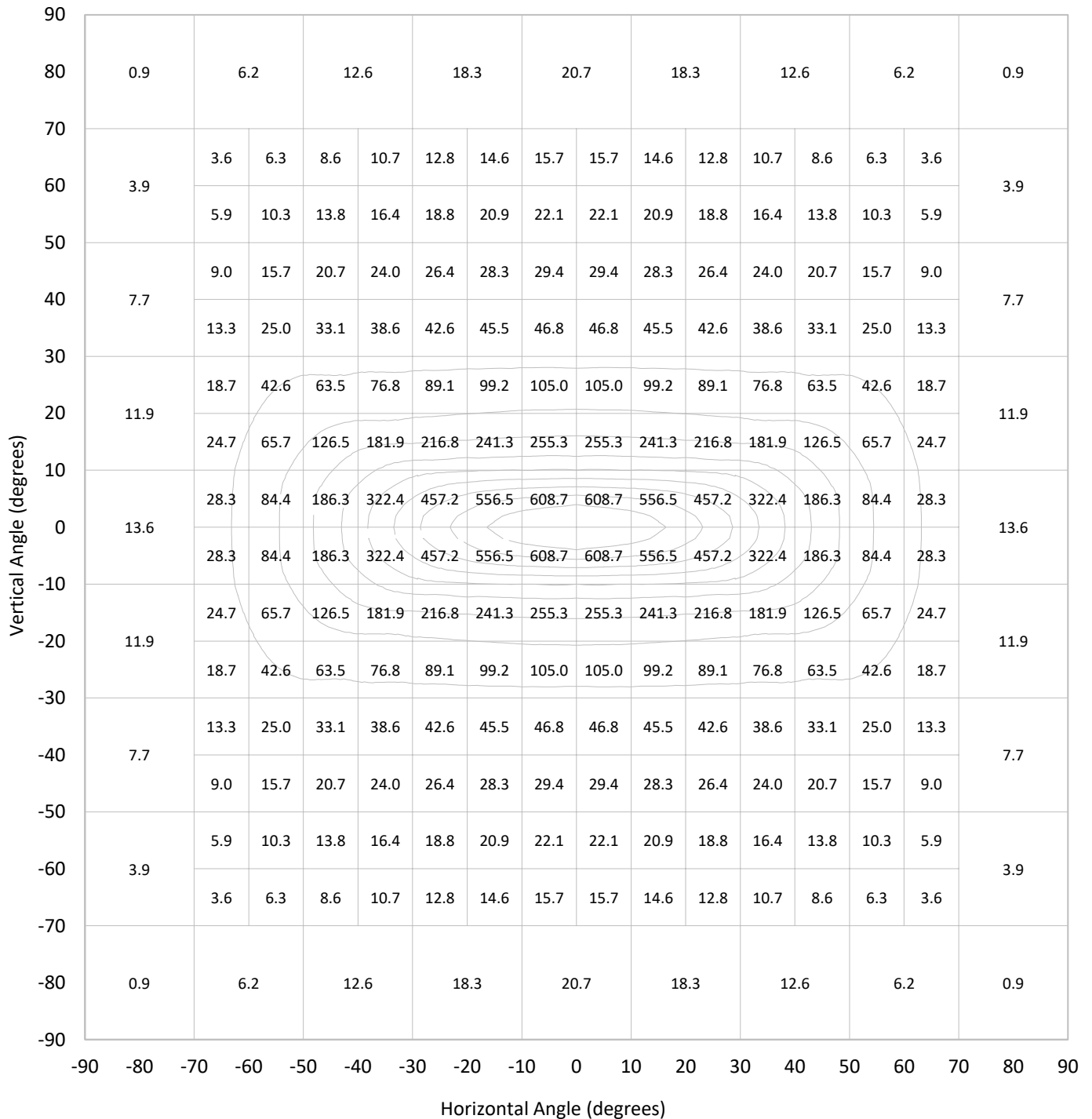
Iso-Candela Plot





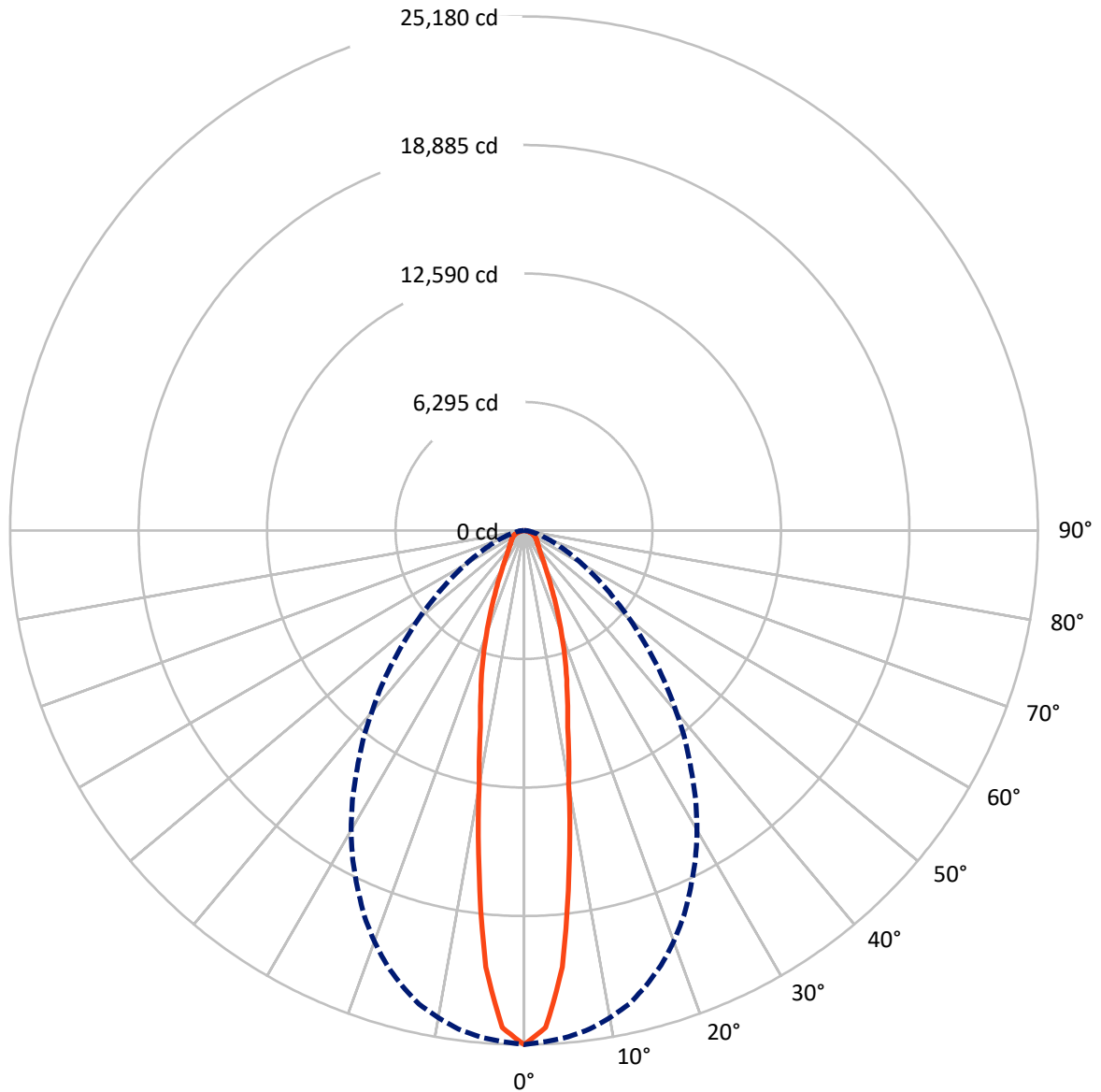
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Lumen Table



REPORT NUMBER: P559038 (CONVERTED FROM TYPE C PHOTOMETRY)
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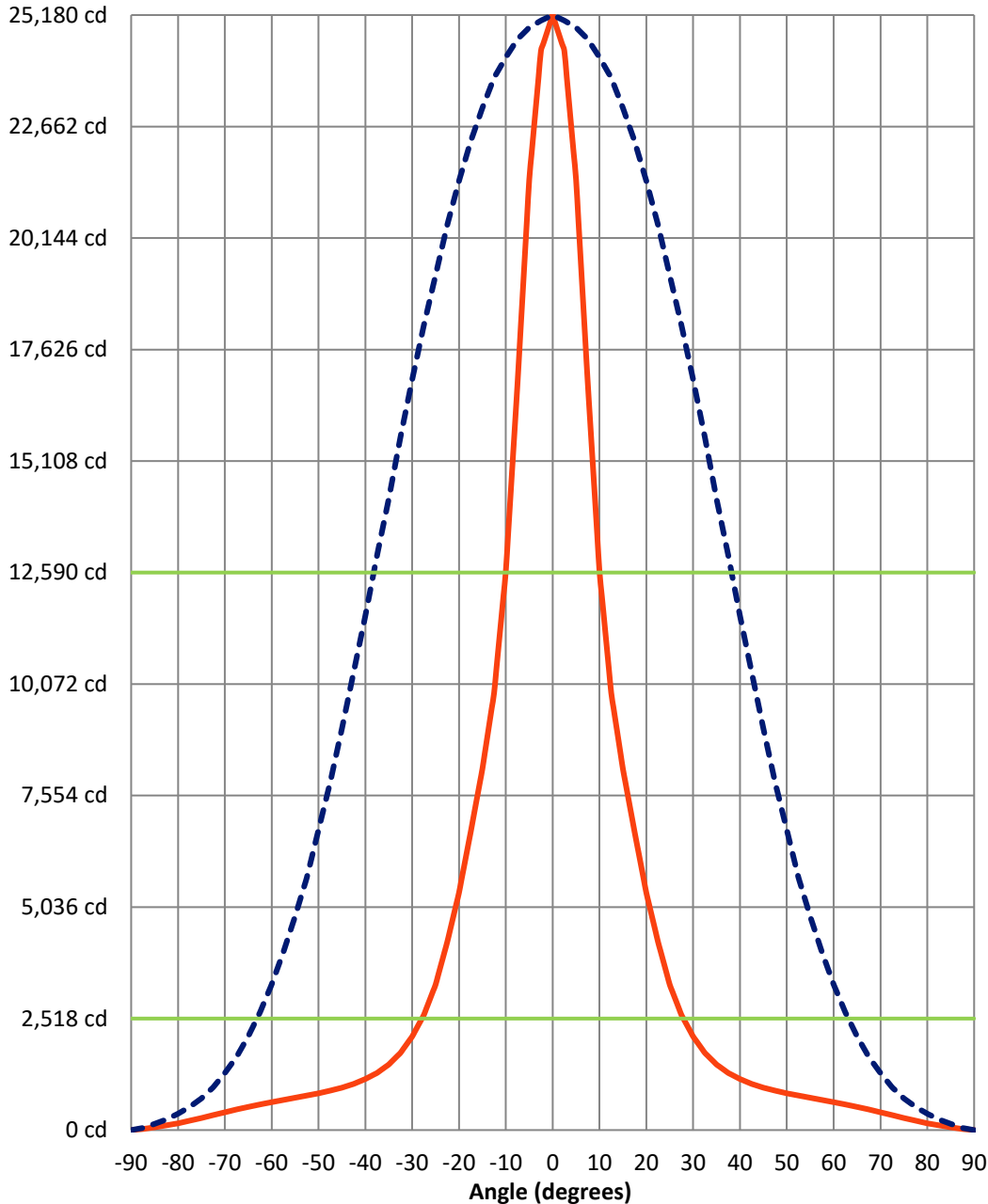
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 76.4°
 V Angle: 20°
 Lumens: 7215.1
 Efficiency: 40.0%

Field:
 H Angle: 126.3°
 V Angle: 55.8°
 Lumens: 14780.3
 Efficiency: 82.0%

Spill:
 Lumens: 3253.2
 Efficiency: 18.0%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	2.1	4.2	6.0	7.5	8.9	10.0	11.4	12.6	13.8	14.8
85°	0.0	4.2	8.4	11.9	15.1	17.8	20.1	22.8	25.3	27.6	29.7
82.5°	0.0	6.3	12.5	17.9	22.6	26.7	30.1	34.1	38.7	46.1	52.8
80°	0.0	8.3	16.6	23.8	30.1	35.6	41.3	52.5	62.9	72.4	80.9
77.5°	0.0	10.4	20.8	29.7	37.6	47.2	60.8	74.4	87.1	98.6	109.5
75°	0.0	12.4	24.8	35.6	46.2	64.0	80.2	96.2	111.5	126.9	140.1
72.5°	0.0	14.4	28.8	41.4	60.0	80.6	99.5	118.8	138.8	156.1	170.9
70°	0.0	16.4	32.8	48.1	73.6	97.2	119.2	143.8	166.0	185.5	204.5
67.5°	0.0	18.4	36.7	58.5	87.2	113.6	141.6	168.7	193.4	218.8	239.3
65°	0.0	20.3	40.5	68.8	100.5	131.5	164.0	193.5	225.0	252.5	276.5
62.5°	0.0	22.2	44.3	79.0	113.8	150.7	186.2	221.3	256.8	287.6	319.1
60°	0.0	24.0	48.0	89.0	126.8	169.7	208.3	250.4	288.7	327.5	361.9
57.5°	0.0	25.8	54.5	98.8	142.1	188.5	233.5	279.5	324.4	367.6	408.1
55°	0.0	27.5	60.8	108.4	157.3	207.1	258.7	308.5	360.9	409.1	457.0
52.5°	0.0	29.2	67.1	117.8	172.3	225.9	283.6	340.9	397.4	456.1	507.2
50°	0.0	30.8	73.1	126.9	187.0	246.5	308.1	374.0	435.9	503.9	566.8
47.5°	0.0	32.4	78.9	136.3	201.3	266.7	332.9	407.1	480.0	552.5	629.6
45°	0.0	33.9	84.6	146.9	215.4	286.5	361.6	440.4	525.0	611.7	694.6
42.5°	0.0	35.4	90.0	157.1	229.0	305.7	390.1	477.2	570.0	672.4	768.6
40°	0.0	36.8	95.2	166.6	243.1	324.4	418.3	516.2	618.1	734.3	846.6
37.5°	0.0	38.1	100.2	175.5	257.5	342.5	446.1	554.7	672.6	799.1	927.0
35°	0.0	39.3	104.9	183.8	271.2	363.1	473.6	592.6	727.0	870.9	1014.2
32.5°	0.0	40.5	109.4	191.6	284.4	384.6	501.7	629.9	780.9	943.6	1110.0
30°	0.0	41.6	113.6	198.8	297.0	405.5	531.7	668.3	834.3	1017.0	1208.1
27.5°	0.0	42.6	117.5	205.3	307.5	425.5	560.7	711.8	890.1	1090.7	1307.9
25°	0.0	43.5	121.2	211.3	317.2	444.8	588.7	754.0	950.4	1170.8	1409.3
22.5°	0.0	44.3	124.5	216.7	326.1	462.0	615.3	794.7	1009.4	1253.7	1520.1
20°	0.0	45.1	127.6	221.5	334.3	475.1	640.7	833.8	1067.0	1335.4	1630.0
17.5°	0.0	45.8	130.3	225.7	341.7	486.6	659.8	870.9	1122.6	1415.3	1738.0
15°	0.0	46.4	132.8	229.3	348.4	496.5	674.0	900.2	1175.8	1492.7	1843.3
12.5°	0.0	46.9	134.9	232.3	354.2	504.8	686.2	919.2	1214.0	1566.8	1944.9
10°	0.0	47.3	136.7	234.7	359.1	511.5	696.3	934.9	1238.4	1601.8	2024.2
7.5°	0.0	47.6	138.1	236.5	363.1	516.7	704.3	947.4	1258.1	1624.8	2060.0
5°	0.0	47.8	139.2	237.6	366.2	520.3	710.1	956.5	1273.0	1640.7	2087.9
2.5°	0.0	48.0	140.0	238.3	368.3	522.4	713.6	962.2	1282.9	1649.6	2107.1
0°	0.0	48.0	140.4	238.3	369.5	522.9	715.0	964.5	1287.8	1651.8	2117.4
-2.5°	0.0	48.0	140.0	238.3	368.3	522.4	713.6	962.2	1282.9	1649.6	2107.1
-5°	0.0	47.8	139.2	237.6	366.2	520.3	710.1	956.5	1273.0	1640.7	2087.9
-7.5°	0.0	47.6	138.1	236.5	363.1	516.7	704.3	947.4	1258.1	1624.8	2060.0
-10°	0.0	47.3	136.7	234.7	359.1	511.5	696.3	934.9	1238.4	1601.8	2024.2
-12.5°	0.0	46.9	134.9	232.3	354.2	504.8	686.2	919.2	1214.0	1566.8	1944.9
-15°	0.0	46.4	132.8	229.3	348.4	496.5	674.0	900.2	1175.8	1492.7	1843.3
-17.5°	0.0	45.8	130.3	225.7	341.7	486.6	659.8	870.9	1122.6	1415.3	1738.0
-20°	0.0	45.1	127.6	221.5	334.3	475.1	640.7	833.8	1067.0	1335.4	1630.0



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 CATALOG NUMBER: GFLD-SA5C-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	44.3	124.5	216.7	326.1	462.0	615.3	794.7	1009.4	1253.7	1520.1
-25°	0.0	43.5	121.2	211.3	317.2	444.8	588.7	754.0	950.4	1170.8	1409.3
-27.5°	0.0	42.6	117.5	205.3	307.5	425.5	560.7	711.8	890.1	1090.7	1307.9
-30°	0.0	41.6	113.6	198.8	297.0	405.5	531.7	668.3	834.3	1017.0	1208.1
-32.5°	0.0	40.5	109.4	191.6	284.4	384.6	501.7	629.9	780.9	943.6	1110.0
-35°	0.0	39.3	104.9	183.8	271.2	363.1	473.6	592.6	727.0	870.9	1014.2
-37.5°	0.0	38.1	100.2	175.5	257.5	342.5	446.1	554.7	672.6	799.1	927.0
-40°	0.0	36.8	95.2	166.6	243.1	324.4	418.3	516.2	618.1	734.3	846.6
-42.5°	0.0	35.4	90.0	157.1	229.0	305.7	390.1	477.2	570.0	672.4	768.6
-45°	0.0	33.9	84.6	146.9	215.4	286.5	361.6	440.4	525.0	611.7	694.6
-47.5°	0.0	32.4	78.9	136.3	201.3	266.7	332.9	407.1	480.0	552.5	629.6
-50°	0.0	30.8	73.1	126.9	187.0	246.5	308.1	374.0	435.9	503.9	566.8
-52.5°	0.0	29.2	67.1	117.8	172.3	225.9	283.6	340.9	397.4	456.1	507.2
-55°	0.0	27.5	60.8	108.4	157.3	207.1	258.7	308.5	360.9	409.1	457.0
-57.5°	0.0	25.8	54.5	98.8	142.1	188.5	233.5	279.5	324.4	367.6	408.1
-60°	0.0	24.0	48.0	89.0	126.8	169.7	208.3	250.4	288.7	327.5	361.9
-62.5°	0.0	22.2	44.3	79.0	113.8	150.7	186.2	221.3	256.8	287.6	319.1
-65°	0.0	20.3	40.5	68.8	100.5	131.5	164.0	193.5	225.0	252.5	276.5
-67.5°	0.0	18.4	36.7	58.5	87.2	113.6	141.6	168.7	193.4	218.8	239.3
-70°	0.0	16.4	32.8	48.1	73.6	97.2	119.2	143.8	166.0	185.5	204.5
-72.5°	0.0	14.4	28.8	41.4	60.0	80.6	99.5	118.8	138.8	156.1	170.9
-75°	0.0	12.4	24.8	35.6	46.2	64.0	80.2	96.2	111.5	126.9	140.1
-77.5°	0.0	10.4	20.8	29.7	37.6	47.2	60.8	74.4	87.1	98.6	109.5
-80°	0.0	8.3	16.6	23.8	30.1	35.6	41.3	52.5	62.9	72.4	80.9
-82.5°	0.0	6.3	12.5	17.9	22.6	26.7	30.1	34.1	38.7	46.1	52.8
-85°	0.0	4.2	8.4	11.9	15.1	17.8	20.1	22.8	25.3	27.6	29.7
-87.5°	0.0	2.1	4.2	6.0	7.5	8.9	10.0	11.4	12.6	13.8	14.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559038 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	16.0	17.1	18.1	19.1	20.0	20.8	21.5	22.2	23.1	24.1	24.9
85°	32.0	34.2	37.9	40.9	43.7	46.1	48.1	49.8	51.6	53.1	54.2
82.5°	58.8	63.8	67.7	70.7	74.1	77.0	79.6	81.8	84.1	86.2	88.1
80°	87.9	93.5	99.3	104.3	109.2	113.0	115.3	116.2	119.2	122.9	126.7
77.5°	119.2	127.7	135.2	141.6	146.9	151.5	154.8	156.8	161.4	166.8	171.5
75°	151.6	162.0	172.3	181.4	188.6	193.9	197.7	200.9	206.5	213.6	219.6
72.5°	185.4	199.3	211.6	222.2	231.8	239.1	244.6	248.2	253.8	262.1	268.8
70°	220.9	236.9	253.5	267.1	277.3	286.0	293.2	298.2	303.3	311.7	317.9
67.5°	257.7	280.5	298.9	313.3	324.8	335.4	343.6	348.9	351.1	359.6	366.7
65°	301.1	325.5	346.0	362.2	373.6	386.7	395.8	400.3	401.7	411.0	419.7
62.5°	345.3	372.2	394.7	413.3	428.1	440.6	450.8	456.5	457.5	464.3	474.3
60°	392.5	420.0	446.8	469.1	485.0	497.9	509.0	515.0	516.2	519.0	530.5
57.5°	441.6	471.3	502.6	527.7	546.3	556.9	569.0	575.7	578.4	576.7	588.5
55°	495.0	526.0	561.3	590.5	610.4	620.0	631.3	640.9	644.2	642.0	649.0
52.5°	555.6	586.4	624.1	656.2	678.4	690.0	697.9	709.5	714.8	712.4	711.0
50°	619.3	658.1	689.2	725.9	752.6	767.9	768.1	782.5	789.4	787.3	777.7
47.5°	691.3	735.1	758.6	800.7	835.5	853.4	854.6	860.4	868.9	871.2	863.1
45°	769.2	822.6	847.9	885.5	924.4	946.4	953.1	942.8	958.1	962.8	957.7
42.5°	851.2	919.3	959.2	974.5	1019.8	1050.4	1062.2	1055.0	1054.2	1064.8	1064.6
40°	945.9	1024.1	1084.1	1100.0	1122.9	1165.1	1190.0	1188.7	1160.7	1180.6	1185.8
37.5°	1047.2	1148.8	1223.0	1256.0	1238.6	1294.8	1331.4	1346.2	1328.8	1309.2	1331.5
35°	1153.7	1282.2	1382.1	1438.3	1440.9	1439.5	1496.8	1527.5	1529.6	1493.8	1501.9
32.5°	1272.9	1423.8	1556.2	1647.1	1688.4	1662.8	1677.7	1742.3	1773.9	1760.2	1708.5
30°	1401.0	1586.1	1748.4	1876.6	1968.9	1996.1	1934.6	1984.9	2055.0	2082.9	2060.5
27.5°	1530.5	1758.3	1964.1	2141.9	2284.9	2375.5	2377.6	2299.9	2379.3	2446.7	2472.7
25°	1662.0	1930.6	2192.9	2433.8	2650.2	2805.9	2877.6	2885.9	2774.9	2875.9	2969.9
22.5°	1802.3	2107.9	2419.1	2744.8	3046.2	3274.9	3448.6	3553.3	3550.0	3444.0	3526.7
20°	1950.6	2300.9	2663.3	3049.6	3460.7	3775.0	4066.2	4288.9	4423.0	4467.5	4380.8
17.5°	2098.7	2495.6	2919.6	3379.7	3855.4	4291.1	4727.5	5082.9	5364.5	5595.6	5678.3
15°	2245.0	2689.8	3176.9	3712.1	4261.8	4807.2	5368.3	5912.5	6391.6	6814.6	7065.4
12.5°	2387.9	2881.4	3432.2	4042.9	4673.8	5330.3	5999.8	6662.9	7353.1	8038.2	8558.9
10°	2525.7	3067.9	3682.2	4368.0	5085.5	5853.3	6630.3	7417.1	8255.6	9063.6	9841.5
7.5°	2584.6	3189.8	3897.6	4682.9	5490.2	6368.2	7251.2	8164.6	9144.4	10087.2	11037.0
5°	2620.9	3238.2	3958.2	4776.2	5674.3	6704.2	7757.7	8889.3	10007.3	11092.8	12212.0
2.5°	2645.1	3271.4	3998.6	4813.1	5701.7	6759.4	7826.2	9001.1	10255.5	11510.5	12843.0
0°	2657.0	3288.9	4018.7	4824.3	5698.2	6777.3	7852.6	9064.7	10335.9	11612.6	12976.2
-2.5°	2645.1	3271.4	3998.6	4813.1	5701.7	6759.4	7826.2	9001.1	10255.5	11510.5	12843.0
-5°	2620.9	3238.2	3958.2	4776.2	5674.3	6704.2	7757.7	8889.3	10007.3	11092.8	12212.0
-7.5°	2584.6	3189.8	3897.6	4682.9	5490.2	6368.2	7251.2	8164.6	9144.4	10087.2	11037.0
-10°	2525.7	3067.9	3682.2	4368.0	5085.5	5853.3	6630.3	7417.1	8255.6	9063.6	9841.5
-12.5°	2387.9	2881.4	3432.2	4042.9	4673.8	5330.3	5999.8	6662.9	7353.1	8038.2	8558.9
-15°	2245.0	2689.8	3176.9	3712.1	4261.8	4807.2	5368.3	5912.5	6391.6	6814.6	7065.4
-17.5°	2098.7	2495.6	2919.6	3379.7	3855.4	4291.1	4727.5	5082.9	5364.5	5595.6	5678.3
-20°	1950.6	2300.9	2663.3	3049.6	3460.7	3775.0	4066.2	4288.9	4423.0	4467.5	4380.8



REPORT NUMBER: P559038 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1802.3	2107.9	2419.1	2744.8	3046.2	3274.9	3448.6	3553.3	3550.0	3444.0	3526.7
-25°	1662.0	1930.6	2192.9	2433.8	2650.2	2805.9	2877.6	2885.9	2774.9	2875.9	2969.9
-27.5°	1530.5	1758.3	1964.1	2141.9	2284.9	2375.5	2377.6	2299.9	2379.3	2446.7	2472.7
-30°	1401.0	1586.1	1748.4	1876.6	1968.9	1996.1	1934.6	1984.9	2055.0	2082.9	2060.5
-32.5°	1272.9	1423.8	1556.2	1647.1	1688.4	1662.8	1677.7	1742.3	1773.9	1760.2	1708.5
-35°	1153.7	1282.2	1382.1	1438.3	1440.9	1439.5	1496.8	1527.5	1529.6	1493.8	1501.9
-37.5°	1047.2	1148.8	1223.0	1256.0	1238.6	1294.8	1331.4	1346.2	1328.8	1309.2	1331.5
-40°	945.9	1024.1	1084.1	1100.0	1122.9	1165.1	1190.0	1188.7	1160.7	1180.6	1185.8
-42.5°	851.2	919.3	959.2	974.5	1019.8	1050.4	1062.2	1055.0	1054.2	1064.8	1064.6
-45°	769.2	822.6	847.9	885.5	924.4	946.4	953.1	942.8	958.1	962.8	957.7
-47.5°	691.3	735.1	758.6	800.7	835.5	853.4	854.6	860.4	868.9	871.2	863.1
-50°	619.3	658.1	689.2	725.9	752.6	767.9	768.1	782.5	789.4	787.3	777.7
-52.5°	555.6	586.4	624.1	656.2	678.4	690.0	697.9	709.5	714.8	712.4	711.0
-55°	495.0	526.0	561.3	590.5	610.4	620.0	631.3	640.9	644.2	642.0	649.0
-57.5°	441.6	471.3	502.6	527.7	546.3	556.9	569.0	575.7	578.4	576.7	588.5
-60°	392.5	420.0	446.8	469.1	485.0	497.9	509.0	515.0	516.2	519.0	530.5
-62.5°	345.3	372.2	394.7	413.3	428.1	440.6	450.8	456.5	457.5	464.3	474.3
-65°	301.1	325.5	346.0	362.2	373.6	386.7	395.8	400.3	401.7	411.0	419.7
-67.5°	257.7	280.5	298.9	313.3	324.8	335.4	343.6	348.9	351.1	359.6	366.7
-70°	220.9	236.9	253.5	267.1	277.3	286.0	293.2	298.2	303.3	311.7	317.9
-72.5°	185.4	199.3	211.6	222.2	231.8	239.1	244.6	248.2	253.8	262.1	268.8
-75°	151.6	162.0	172.3	181.4	188.6	193.9	197.7	200.9	206.5	213.6	219.6
-77.5°	119.2	127.7	135.2	141.6	146.9	151.5	154.8	156.8	161.4	166.8	171.5
-80°	87.9	93.5	99.3	104.3	109.2	113.0	115.3	116.2	119.2	122.9	126.7
-82.5°	58.8	63.8	67.7	70.7	74.1	77.0	79.6	81.8	84.1	86.2	88.1
-85°	32.0	34.2	37.9	40.9	43.7	46.1	48.1	49.8	51.6	53.1	54.2
-87.5°	16.0	17.1	18.1	19.1	20.0	20.8	21.5	22.2	23.1	24.1	24.9
-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):

	-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°	25.7	25.3	24.8	24.2	23.5	23.5	23.4	23.3	23.2	23.0	22.8
85°	55.0	56.1	57.1	58.0	58.9	59.9	60.7	61.4	61.9	61.9	61.7
82.5°	89.6	92.6	95.6	98.4	101.0	102.5	103.5	104.2	104.5	105.4	106.0
80°	130.0	134.4	138.5	141.9	144.6	146.6	148.3	149.6	150.6	151.7	152.4
77.5°	175.9	180.8	185.5	189.6	193.1	196.4	199.3	201.5	203.2	205.7	208.1
75°	224.6	230.2	236.0	241.2	245.8	250.7	255.5	259.9	263.8	267.1	269.6
72.5°	273.9	279.7	286.9	293.5	299.7	306.3	312.7	318.4	323.3	327.9	332.0
70°	322.6	328.1	337.3	346.1	354.4	362.3	370.0	377.0	383.1	389.1	394.5
67.5°	372.9	378.6	390.0	400.3	409.5	418.1	427.2	435.2	442.2	448.5	454.0
65°	426.5	431.6	443.9	455.2	464.9	473.0	482.7	491.5	499.4	506.3	512.2
62.5°	482.0	487.1	497.3	508.4	517.6	525.4	536.9	546.8	555.2	562.2	568.1
60°	538.3	542.7	550.6	562.8	573.1	581.6	591.7	601.4	609.5	616.5	622.7
57.5°	596.8	601.2	605.0	617.2	627.2	634.9	643.7	653.2	661.2	667.7	674.1
55°	657.2	660.6	659.5	670.7	680.0	686.3	692.9	703.0	710.8	716.7	722.5
52.5°	719.0	723.0	720.2	725.0	735.1	740.9	743.7	754.6	762.6	767.8	773.2
50°	787.7	791.0	788.5	785.7	795.7	801.6	803.2	811.9	819.2	823.2	827.0
47.5°	862.3	866.3	864.3	853.6	862.4	869.8	870.0	873.7	881.3	884.4	886.7
45°	943.4	951.1	949.5	942.0	940.7	948.4	947.7	944.7	953.4	957.3	958.6
42.5°	1049.8	1047.3	1049.7	1045.4	1032.0	1040.6	1041.7	1030.8	1041.7	1046.5	1043.7
40°	1180.1	1156.3	1169.4	1167.5	1155.0	1153.1	1159.9	1150.9	1152.6	1159.4	1154.2
37.5°	1335.1	1318.1	1311.0	1316.9	1313.2	1297.2	1309.9	1306.8	1296.7	1308.1	1303.1
35°	1525.8	1520.8	1482.5	1505.8	1510.6	1495.4	1499.8	1506.4	1484.5	1501.7	1499.9
32.5°	1748.9	1760.2	1752.0	1737.6	1759.4	1762.1	1736.9	1767.2	1755.0	1759.3	1771.3
30°	2001.5	2059.5	2087.7	2062.5	2076.0	2103.0	2090.7	2111.7	2121.7	2106.0	2135.8
27.5°	2442.9	2422.3	2489.9	2519.3	2487.8	2537.0	2572.8	2557.0	2609.2	2578.2	2622.4
25°	3003.7	2973.5	2991.6	3088.8	3110.4	3085.4	3186.1	3198.0	3239.5	3244.5	3275.4
22.5°	3662.7	3735.6	3727.1	3756.7	3878.8	3919.7	3956.9	4053.8	4031.6	4119.5	4134.7
20°	4399.5	4582.7	4709.0	4735.6	4787.8	4928.2	4992.6	5069.0	5120.3	5203.5	5273.7
17.5°	5645.8	5551.9	5799.6	5955.2	6037.0	6066.3	6235.4	6290.5	6417.6	6490.1	6562.2
15°	7246.1	7300.9	7189.1	7337.4	7588.0	7672.6	7575.4	7802.5	7866.3	7988.6	8010.2
12.5°	8956.6	9233.5	9369.3	9406.1	9275.2	9631.6	9774.4	9595.2	9798.5	9761.8	9929.1
10°	10588.7	11261.5	11664.2	11947.4	12119.7	12223.4	12326.5	12511.8	12515.0	12652.2	12572.1
7.5°	11928.7	12781.6	13596.5	14386.9	15019.3	15373.8	15652.1	15919.0	16275.2	16445.8	16556.7
5°	13239.6	14223.7	15198.7	16156.9	17024.7	17859.4	18677.6	19387.4	19763.5	20203.0	20594.9
2.5°	14087.5	15332.3	16577.5	17810.8	18813.4	19733.4	20585.0	21376.0	22069.8	22711.6	23253.7
0°	14252.9	15646.1	16945.0	18175.5	19304.5	20440.8	21433.0	22327.3	23083.0	23764.7	24224.8
-2.5°	14087.5	15332.3	16577.5	17810.8	18813.4	19733.4	20585.0	21376.0	22069.8	22711.6	23253.7
-5°	13239.6	14223.7	15198.7	16156.9	17024.7	17859.4	18677.6	19387.4	19763.5	20203.0	20594.9
-7.5°	11928.7	12781.6	13596.5	14386.9	15019.3	15373.8	15652.1	15919.0	16275.2	16445.8	16556.7
-10°	10588.7	11261.5	11664.2	11947.4	12119.7	12223.4	12326.5	12511.8	12515.0	12652.2	12572.1
-12.5°	8956.6	9233.5	9369.3	9406.1	9275.2	9631.6	9774.4	9595.2	9798.5	9761.8	9929.1
-15°	7246.1	7300.9	7189.1	7337.4	7588.0	7672.6	7575.4	7802.5	7866.3	7988.6	8010.2
-17.5°	5645.8	5551.9	5799.6	5955.2	6037.0	6066.3	6235.4	6290.5	6417.6	6490.1	6562.2
-20°	4399.5	4582.7	4709.0	4735.6	4787.8	4928.2	4992.6	5069.0	5120.3	5203.5	5273.7



REPORT NUMBER: P559038 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3662.7	3735.6	3727.1	3756.7	3878.8	3919.7	3956.9	4053.8	4031.6	4119.5	4134.7
-25°	3003.7	2973.5	2991.6	3088.8	3110.4	3085.4	3186.1	3198.0	3239.5	3244.5	3275.4
-27.5°	2442.9	2422.3	2489.9	2519.3	2487.8	2537.0	2572.8	2557.0	2609.2	2578.2	2622.4
-30°	2001.5	2059.5	2087.7	2062.5	2076.0	2103.0	2090.7	2111.7	2121.7	2106.0	2135.8
-32.5°	1748.9	1760.2	1752.0	1737.6	1759.4	1762.1	1736.9	1767.2	1755.0	1759.3	1771.3
-35°	1525.8	1520.8	1482.5	1505.8	1510.6	1495.4	1499.8	1506.4	1484.5	1501.7	1499.9
-37.5°	1335.1	1318.1	1311.0	1316.9	1313.2	1297.2	1309.9	1306.8	1296.7	1308.1	1303.1
-40°	1180.1	1156.3	1169.4	1167.5	1155.0	1153.1	1159.9	1150.9	1152.6	1159.4	1154.2
-42.5°	1049.8	1047.3	1049.7	1045.4	1032.0	1040.6	1041.7	1030.8	1041.7	1046.5	1043.7
-45°	943.4	951.1	949.5	942.0	940.7	948.4	947.7	944.7	953.4	957.3	958.6
-47.5°	862.3	866.3	864.3	853.6	862.4	869.8	870.0	873.7	881.3	884.4	886.7
-50°	787.7	791.0	788.5	785.7	795.7	801.6	803.2	811.9	819.2	823.2	827.0
-52.5°	719.0	723.0	720.2	725.0	735.1	740.9	743.7	754.6	762.6	767.8	773.2
-55°	657.2	660.6	659.5	670.7	680.0	686.3	692.9	703.0	710.8	716.7	722.5
-57.5°	596.8	601.2	605.0	617.2	627.2	634.9	643.7	653.2	661.2	667.7	674.1
-60°	538.3	542.7	550.6	562.8	573.1	581.6	591.7	601.4	609.5	616.5	622.7
-62.5°	482.0	487.1	497.3	508.4	517.6	525.4	536.9	546.8	555.2	562.2	568.1
-65°	426.5	431.6	443.9	455.2	464.9	473.0	482.7	491.5	499.4	506.3	512.2
-67.5°	372.9	378.6	390.0	400.3	409.5	418.1	427.2	435.2	442.2	448.5	454.0
-70°	322.6	328.1	337.3	346.1	354.4	362.3	370.0	377.0	383.1	389.1	394.5
-72.5°	273.9	279.7	286.9	293.5	299.7	306.3	312.7	318.4	323.3	327.9	332.0
-75°	224.6	230.2	236.0	241.2	245.8	250.7	255.5	259.9	263.8	267.1	269.6
-77.5°	175.9	180.8	185.5	189.6	193.1	196.4	199.3	201.5	203.2	205.7	208.1
-80°	130.0	134.4	138.5	141.9	144.6	146.6	148.3	149.6	150.6	151.7	152.4
-82.5°	89.6	92.6	95.6	98.4	101.0	102.5	103.5	104.2	104.5	105.4	106.0
-85°	55.0	56.1	57.1	58.0	58.9	59.9	60.7	61.4	61.9	61.9	61.7
-87.5°	25.7	25.3	24.8	24.2	23.5	23.5	23.4	23.3	23.2	23.0	22.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-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°	22.5	22.1	23.1	24.0	23.1	22.1	22.5	22.8	23.0	23.2	23.3
85°	61.3	60.7	61.8	62.8	61.8	60.7	61.3	61.7	61.9	61.9	61.4
82.5°	106.5	106.7	107.1	107.2	107.1	106.7	106.5	106.0	105.4	104.5	104.2
80°	152.8	152.7	152.3	151.5	152.3	152.7	152.8	152.4	151.7	150.6	149.6
77.5°	210.0	211.4	212.2	212.5	212.2	211.4	210.0	208.1	205.7	203.2	201.5
75°	271.3	272.1	272.2	271.6	272.2	272.1	271.3	269.6	267.1	263.8	259.9
72.5°	335.4	338.1	338.6	338.1	338.6	338.1	335.4	332.0	327.9	323.3	318.4
70°	398.9	402.4	402.4	400.9	402.4	402.4	398.9	394.5	389.1	383.1	377.0
67.5°	458.4	461.6	464.1	465.6	464.1	461.6	458.4	454.0	448.5	442.2	435.2
65°	516.9	520.4	522.3	522.9	522.3	520.4	516.9	512.2	506.3	499.4	491.5
62.5°	572.6	575.8	577.7	578.3	577.7	575.8	572.6	568.1	562.2	555.2	546.8
60°	627.5	631.0	631.6	630.1	631.6	631.0	627.5	622.7	616.5	609.5	601.4
57.5°	679.1	682.6	682.5	679.9	682.5	682.6	679.1	674.1	667.7	661.2	653.2
55°	726.7	729.3	730.2	729.8	730.2	729.3	726.7	722.5	716.7	710.8	703.0
52.5°	777.1	779.2	780.1	779.7	780.1	779.2	777.1	773.2	767.8	762.6	754.6
50°	829.7	830.0	829.9	829.6	829.9	830.0	829.7	827.0	823.2	819.2	811.9
47.5°	889.9	890.5	890.6	890.6	890.6	890.5	889.9	886.7	884.4	881.3	873.7
45°	960.9	959.0	956.9	957.1	956.9	959.0	960.9	958.6	957.3	953.4	944.7
42.5°	1046.3	1044.1	1041.4	1042.1	1041.4	1044.1	1046.3	1043.7	1046.5	1041.7	1030.8
40°	1158.7	1158.1	1154.3	1152.9	1154.3	1158.1	1158.7	1154.2	1159.4	1152.6	1150.9
37.5°	1303.8	1301.7	1293.3	1289.7	1293.3	1301.7	1303.8	1303.1	1308.1	1296.7	1306.8
35°	1494.8	1491.9	1479.0	1480.0	1479.0	1491.9	1494.8	1499.9	1501.7	1484.5	1506.4
32.5°	1765.3	1766.3	1746.8	1742.4	1746.8	1766.3	1765.3	1771.3	1759.3	1755.0	1767.2
30°	2117.3	2125.0	2102.1	2111.9	2102.1	2125.0	2117.3	2135.8	2106.0	2121.7	2111.7
27.5°	2621.6	2636.4	2616.1	2599.7	2616.1	2636.4	2621.6	2622.4	2578.2	2609.2	2557.0
25°	3315.8	3326.8	3303.6	3283.3	3303.6	3326.8	3315.8	3275.4	3244.5	3239.5	3198.0
22.5°	4219.5	4218.8	4217.6	4249.6	4217.6	4218.8	4219.5	4134.7	4119.5	4031.6	4053.8
20°	5319.2	5292.5	5332.4	5358.2	5332.4	5292.5	5319.2	5273.7	5203.5	5120.3	5069.0
17.5°	6579.0	6628.9	6667.1	6731.1	6667.1	6628.9	6579.0	6562.2	6490.1	6417.6	6290.5
15°	8064.4	8139.7	8178.0	8157.5	8178.0	8139.7	8064.4	8010.2	7988.6	7866.3	7802.5
12.5°	9935.0	10024.9	9958.5	9875.8	9958.5	10024.9	9935.0	9929.1	9761.8	9798.5	9595.2
10°	12573.3	12766.9	12777.8	12615.9	12777.8	12766.9	12573.3	12572.1	12652.2	12515.0	12511.8
7.5°	16621.1	16715.3	16858.3	16865.5	16858.3	16715.3	16621.1	16556.7	16445.8	16275.2	15919.0
5°	20772.5	21023.3	21184.9	21464.4	21184.9	21023.3	20772.5	20594.9	20203.0	19763.5	19387.4
2.5°	23603.7	23927.8	24052.3	24368.9	24052.3	23927.8	23603.7	23253.7	22711.6	22069.8	21376.0
0°	24635.0	24897.4	25054.4	25180.1	25054.4	24897.4	24635.0	24224.8	23764.7	23083.0	22327.3
-2.5°	23603.7	23927.8	24052.3	24368.9	24052.3	23927.8	23603.7	23253.7	22711.6	22069.8	21376.0
-5°	20772.5	21023.3	21184.9	21464.4	21184.9	21023.3	20772.5	20594.9	20203.0	19763.5	19387.4
-7.5°	16621.1	16715.3	16858.3	16865.5	16858.3	16715.3	16621.1	16556.7	16445.8	16275.2	15919.0
-10°	12573.3	12766.9	12777.8	12615.9	12777.8	12766.9	12573.3	12572.1	12652.2	12515.0	12511.8
-12.5°	9935.0	10024.9	9958.5	9875.8	9958.5	10024.9	9935.0	9929.1	9761.8	9798.5	9595.2
-15°	8064.4	8139.7	8178.0	8157.5	8178.0	8139.7	8064.4	8010.2	7988.6	7866.3	7802.5
-17.5°	6579.0	6628.9	6667.1	6731.1	6667.1	6628.9	6579.0	6562.2	6490.1	6417.6	6290.5
-20°	5319.2	5292.5	5332.4	5358.2	5332.4	5292.5	5319.2	5273.7	5203.5	5120.3	5069.0



REPORT NUMBER: P559038 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4219.5	4218.8	4217.6	4249.6	4217.6	4218.8	4219.5	4134.7	4119.5	4031.6	4053.8
-25°	3315.8	3326.8	3303.6	3283.3	3303.6	3326.8	3315.8	3275.4	3244.5	3239.5	3198.0
-27.5°	2621.6	2636.4	2616.1	2599.7	2616.1	2636.4	2621.6	2622.4	2578.2	2609.2	2557.0
-30°	2117.3	2125.0	2102.1	2111.9	2102.1	2125.0	2117.3	2135.8	2106.0	2121.7	2111.7
-32.5°	1765.3	1766.3	1746.8	1742.4	1746.8	1766.3	1765.3	1771.3	1759.3	1755.0	1767.2
-35°	1494.8	1491.9	1479.0	1480.0	1479.0	1491.9	1494.8	1499.9	1501.7	1484.5	1506.4
-37.5°	1303.8	1301.7	1293.3	1289.7	1293.3	1301.7	1303.8	1303.1	1308.1	1296.7	1306.8
-40°	1158.7	1158.1	1154.3	1152.9	1154.3	1158.1	1158.7	1154.2	1159.4	1152.6	1150.9
-42.5°	1046.3	1044.1	1041.4	1042.1	1041.4	1044.1	1046.3	1043.7	1046.5	1041.7	1030.8
-45°	960.9	959.0	956.9	957.1	956.9	959.0	960.9	958.6	957.3	953.4	944.7
-47.5°	889.9	890.5	890.6	890.6	890.6	890.5	889.9	886.7	884.4	881.3	873.7
-50°	829.7	830.0	829.9	829.6	829.9	830.0	829.7	827.0	823.2	819.2	811.9
-52.5°	777.1	779.2	780.1	779.7	780.1	779.2	777.1	773.2	767.8	762.6	754.6
-55°	726.7	729.3	730.2	729.8	730.2	729.3	726.7	722.5	716.7	710.8	703.0
-57.5°	679.1	682.6	682.5	679.9	682.5	682.6	679.1	674.1	667.7	661.2	653.2
-60°	627.5	631.0	631.6	630.1	631.6	631.0	627.5	622.7	616.5	609.5	601.4
-62.5°	572.6	575.8	577.7	578.3	577.7	575.8	572.6	568.1	562.2	555.2	546.8
-65°	516.9	520.4	522.3	522.9	522.3	520.4	516.9	512.2	506.3	499.4	491.5
-67.5°	458.4	461.6	464.1	465.6	464.1	461.6	458.4	454.0	448.5	442.2	435.2
-70°	398.9	402.4	402.4	400.9	402.4	402.4	398.9	394.5	389.1	383.1	377.0
-72.5°	335.4	338.1	338.6	338.1	338.6	338.1	335.4	332.0	327.9	323.3	318.4
-75°	271.3	272.1	272.2	271.6	272.2	272.1	271.3	269.6	267.1	263.8	259.9
-77.5°	210.0	211.4	212.2	212.5	212.2	211.4	210.0	208.1	205.7	203.2	201.5
-80°	152.8	152.7	152.3	151.5	152.3	152.7	152.8	152.4	151.7	150.6	149.6
-82.5°	106.5	106.7	107.1	107.2	107.1	106.7	106.5	106.0	105.4	104.5	104.2
-85°	61.3	60.7	61.8	62.8	61.8	60.7	61.3	61.7	61.9	61.9	61.4
-87.5°	22.5	22.1	23.1	24.0	23.1	22.1	22.5	22.8	23.0	23.2	23.3
-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: P559038 (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°	23.4	23.5	23.5	24.2	24.8	25.3	25.7	24.9	24.1	23.1	22.2
85°	60.7	59.9	58.9	58.0	57.1	56.1	55.0	54.2	53.1	51.6	49.8
82.5°	103.5	102.5	101.0	98.4	95.6	92.6	89.6	88.1	86.2	84.1	81.8
80°	148.3	146.6	144.6	141.9	138.5	134.4	130.0	126.7	122.9	119.2	116.2
77.5°	199.3	196.4	193.1	189.6	185.5	180.8	175.9	171.5	166.8	161.4	156.8
75°	255.5	250.7	245.8	241.2	236.0	230.2	224.6	219.6	213.6	206.5	200.9
72.5°	312.7	306.3	299.7	293.5	286.9	279.7	273.9	268.8	262.1	253.8	248.2
70°	370.0	362.3	354.4	346.1	337.3	328.1	322.6	317.9	311.7	303.3	298.2
67.5°	427.2	418.1	409.5	400.3	390.0	378.6	372.9	366.7	359.6	351.1	348.9
65°	482.7	473.0	464.9	455.2	443.9	431.6	426.5	419.7	411.0	401.7	400.3
62.5°	536.9	525.4	517.6	508.4	497.3	487.1	482.0	474.3	464.3	457.5	456.5
60°	591.7	581.6	573.1	562.8	550.6	542.7	538.3	530.5	519.0	516.2	515.0
57.5°	643.7	634.9	627.2	617.2	605.0	601.2	596.8	588.5	576.7	578.4	575.7
55°	692.9	686.3	680.0	670.7	659.5	660.6	657.2	649.0	642.0	644.2	640.9
52.5°	743.7	740.9	735.1	725.0	720.2	723.0	719.0	711.0	712.4	714.8	709.5
50°	803.2	801.6	795.7	785.7	788.5	791.0	787.7	777.7	787.3	789.4	782.5
47.5°	870.0	869.8	862.4	853.6	864.3	866.3	862.3	863.1	871.2	868.9	860.4
45°	947.7	948.4	940.7	942.0	949.5	951.1	943.4	957.7	962.8	958.1	942.8
42.5°	1041.7	1040.6	1032.0	1045.4	1049.7	1047.3	1049.8	1064.6	1064.8	1054.2	1055.0
40°	1159.9	1153.1	1155.0	1167.5	1169.4	1156.3	1180.1	1185.8	1180.6	1160.7	1188.7
37.5°	1309.9	1297.2	1313.2	1316.9	1311.0	1318.1	1335.1	1331.5	1309.2	1328.8	1346.2
35°	1499.8	1495.4	1510.6	1505.8	1482.5	1520.8	1525.8	1501.9	1493.8	1529.6	1527.5
32.5°	1736.9	1762.1	1759.4	1737.6	1752.0	1760.2	1748.9	1708.5	1760.2	1773.9	1742.3
30°	2090.7	2103.0	2076.0	2062.5	2087.7	2059.5	2001.5	2060.5	2082.9	2055.0	1984.9
27.5°	2572.8	2537.0	2487.8	2519.3	2489.9	2422.3	2442.9	2472.7	2446.7	2379.3	2299.9
25°	3186.1	3085.4	3110.4	3088.8	2991.6	2973.5	3003.7	2969.9	2875.9	2774.9	2885.9
22.5°	3956.9	3919.7	3878.8	3756.7	3727.1	3735.6	3662.7	3526.7	3444.0	3550.0	3553.3
20°	4992.6	4928.2	4787.8	4735.6	4709.0	4582.7	4399.5	4380.8	4467.5	4423.0	4288.9
17.5°	6235.4	6066.3	6037.0	5955.2	5799.6	5551.9	5645.8	5678.3	5595.6	5364.5	5082.9
15°	7575.4	7672.6	7588.0	7337.4	7189.1	7300.9	7246.1	7065.4	6814.6	6391.6	5912.5
12.5°	9774.4	9631.6	9275.2	9406.1	9369.3	9233.5	8956.6	8558.9	8038.2	7353.1	6662.9
10°	12326.5	12223.4	12119.7	11947.4	11664.2	11261.5	10588.7	9841.5	9063.6	8255.6	7417.1
7.5°	15652.1	15373.8	15019.3	14386.9	13596.5	12781.6	11928.7	11037.0	10087.2	9144.4	8164.6
5°	18677.6	17859.4	17024.7	16156.9	15198.7	14223.7	13239.6	12212.0	11092.8	10007.3	8889.3
2.5°	20585.0	19733.4	18813.4	17810.8	16577.5	15332.3	14087.5	12843.0	11510.5	10255.5	9001.1
0°	21433.0	20440.8	19304.5	18175.5	16945.0	15646.1	14252.9	12976.2	11612.6	10335.9	9064.7
-2.5°	20585.0	19733.4	18813.4	17810.8	16577.5	15332.3	14087.5	12843.0	11510.5	10255.5	9001.1
-5°	18677.6	17859.4	17024.7	16156.9	15198.7	14223.7	13239.6	12212.0	11092.8	10007.3	8889.3
-7.5°	15652.1	15373.8	15019.3	14386.9	13596.5	12781.6	11928.7	11037.0	10087.2	9144.4	8164.6
-10°	12326.5	12223.4	12119.7	11947.4	11664.2	11261.5	10588.7	9841.5	9063.6	8255.6	7417.1
-12.5°	9774.4	9631.6	9275.2	9406.1	9369.3	9233.5	8956.6	8558.9	8038.2	7353.1	6662.9
-15°	7575.4	7672.6	7588.0	7337.4	7189.1	7300.9	7246.1	7065.4	6814.6	6391.6	5912.5
-17.5°	6235.4	6066.3	6037.0	5955.2	5799.6	5551.9	5645.8	5678.3	5595.6	5364.5	5082.9
-20°	4992.6	4928.2	4787.8	4735.6	4709.0	4582.7	4399.5	4380.8	4467.5	4423.0	4288.9



REPORT NUMBER: P559038 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3956.9	3919.7	3878.8	3756.7	3727.1	3735.6	3662.7	3526.7	3444.0	3550.0	3553.3
-25°	3186.1	3085.4	3110.4	3088.8	2991.6	2973.5	3003.7	2969.9	2875.9	2774.9	2885.9
-27.5°	2572.8	2537.0	2487.8	2519.3	2489.9	2422.3	2442.9	2472.7	2446.7	2379.3	2299.9
-30°	2090.7	2103.0	2076.0	2062.5	2087.7	2059.5	2001.5	2060.5	2082.9	2055.0	1984.9
-32.5°	1736.9	1762.1	1759.4	1737.6	1752.0	1760.2	1748.9	1708.5	1760.2	1773.9	1742.3
-35°	1499.8	1495.4	1510.6	1505.8	1482.5	1520.8	1525.8	1501.9	1493.8	1529.6	1527.5
-37.5°	1309.9	1297.2	1313.2	1316.9	1311.0	1318.1	1335.1	1331.5	1309.2	1328.8	1346.2
-40°	1159.9	1153.1	1155.0	1167.5	1169.4	1156.3	1180.1	1185.8	1180.6	1160.7	1188.7
-42.5°	1041.7	1040.6	1032.0	1045.4	1049.7	1047.3	1049.8	1064.6	1064.8	1054.2	1055.0
-45°	947.7	948.4	940.7	942.0	949.5	951.1	943.4	957.7	962.8	958.1	942.8
-47.5°	870.0	869.8	862.4	853.6	864.3	866.3	862.3	863.1	871.2	868.9	860.4
-50°	803.2	801.6	795.7	785.7	788.5	791.0	787.7	777.7	787.3	789.4	782.5
-52.5°	743.7	740.9	735.1	725.0	720.2	723.0	719.0	711.0	712.4	714.8	709.5
-55°	692.9	686.3	680.0	670.7	659.5	660.6	657.2	649.0	642.0	644.2	640.9
-57.5°	643.7	634.9	627.2	617.2	605.0	601.2	596.8	588.5	576.7	578.4	575.7
-60°	591.7	581.6	573.1	562.8	550.6	542.7	538.3	530.5	519.0	516.2	515.0
-62.5°	536.9	525.4	517.6	508.4	497.3	487.1	482.0	474.3	464.3	457.5	456.5
-65°	482.7	473.0	464.9	455.2	443.9	431.6	426.5	419.7	411.0	401.7	400.3
-67.5°	427.2	418.1	409.5	400.3	390.0	378.6	372.9	366.7	359.6	351.1	348.9
-70°	370.0	362.3	354.4	346.1	337.3	328.1	322.6	317.9	311.7	303.3	298.2
-72.5°	312.7	306.3	299.7	293.5	286.9	279.7	273.9	268.8	262.1	253.8	248.2
-75°	255.5	250.7	245.8	241.2	236.0	230.2	224.6	219.6	213.6	206.5	200.9
-77.5°	199.3	196.4	193.1	189.6	185.5	180.8	175.9	171.5	166.8	161.4	156.8
-80°	148.3	146.6	144.6	141.9	138.5	134.4	130.0	126.7	122.9	119.2	116.2
-82.5°	103.5	102.5	101.0	98.4	95.6	92.6	89.6	88.1	86.2	84.1	81.8
-85°	60.7	59.9	58.9	58.0	57.1	56.1	55.0	54.2	53.1	51.6	49.8
-87.5°	23.4	23.5	23.5	24.2	24.8	25.3	25.7	24.9	24.1	23.1	22.2
-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: P559038 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	21.5	20.8	20.0	19.1	18.1	17.1	16.0	14.8	13.8	12.6	11.4
85°	48.1	46.1	43.7	40.9	37.9	34.2	32.0	29.7	27.6	25.3	22.8
82.5°	79.6	77.0	74.1	70.7	67.7	63.8	58.8	52.8	46.1	38.7	34.1
80°	115.3	113.0	109.2	104.3	99.3	93.5	87.9	80.9	72.4	62.9	52.5
77.5°	154.8	151.5	146.9	141.6	135.2	127.7	119.2	109.5	98.6	87.1	74.4
75°	197.7	193.9	188.6	181.4	172.3	162.0	151.6	140.1	126.9	111.5	96.2
72.5°	244.6	239.1	231.8	222.2	211.6	199.3	185.4	170.9	156.1	138.8	118.8
70°	293.2	286.0	277.3	267.1	253.5	236.9	220.9	204.5	185.5	166.0	143.8
67.5°	343.6	335.4	324.8	313.3	298.9	280.5	257.7	239.3	218.8	193.4	168.7
65°	395.8	386.7	373.6	362.2	346.0	325.5	301.1	276.5	252.5	225.0	193.5
62.5°	450.8	440.6	428.1	413.3	394.7	372.2	345.3	319.1	287.6	256.8	221.3
60°	509.0	497.9	485.0	469.1	446.8	420.0	392.5	361.9	327.5	288.7	250.4
57.5°	569.0	556.9	546.3	527.7	502.6	471.3	441.6	408.1	367.6	324.4	279.5
55°	631.3	620.0	610.4	590.5	561.3	526.0	495.0	457.0	409.1	360.9	308.5
52.5°	697.9	690.0	678.4	656.2	624.1	586.4	555.6	507.2	456.1	397.4	340.9
50°	768.1	767.9	752.6	725.9	689.2	658.1	619.3	566.8	503.9	435.9	374.0
47.5°	854.6	853.4	835.5	800.7	758.6	735.1	691.3	629.6	552.5	480.0	407.1
45°	953.1	946.4	924.4	885.5	847.9	822.6	769.2	694.6	611.7	525.0	440.4
42.5°	1062.2	1050.4	1019.8	974.5	959.2	919.3	851.2	768.6	672.4	570.0	477.2
40°	1190.0	1165.1	1122.9	1100.0	1084.1	1024.1	945.9	846.6	734.3	618.1	516.2
37.5°	1331.4	1294.8	1238.6	1256.0	1223.0	1148.8	1047.2	927.0	799.1	672.6	554.7
35°	1496.8	1439.5	1440.9	1438.3	1382.1	1282.2	1153.7	1014.2	870.9	727.0	592.6
32.5°	1677.7	1662.8	1688.4	1647.1	1556.2	1423.8	1272.9	1110.0	943.6	780.9	629.9
30°	1934.6	1996.1	1968.9	1876.6	1748.4	1586.1	1401.0	1208.1	1017.0	834.3	668.3
27.5°	2377.6	2375.5	2284.9	2141.9	1964.1	1758.3	1530.5	1307.9	1090.7	890.1	711.8
25°	2877.6	2805.9	2650.2	2433.8	2192.9	1930.6	1662.0	1409.3	1170.8	950.4	754.0
22.5°	3448.6	3274.9	3046.2	2744.8	2419.1	2107.9	1802.3	1520.1	1253.7	1009.4	794.7
20°	4066.2	3775.0	3460.7	3049.6	2663.3	2300.9	1950.6	1630.0	1335.4	1067.0	833.8
17.5°	4727.5	4291.1	3855.4	3379.7	2919.6	2495.6	2098.7	1738.0	1415.3	1122.6	870.9
15°	5368.3	4807.2	4261.8	3712.1	3176.9	2689.8	2245.0	1843.3	1492.7	1175.8	900.2
12.5°	5999.8	5330.3	4673.8	4042.9	3432.2	2881.4	2387.9	1944.9	1566.8	1214.0	919.2
10°	6630.3	5853.3	5085.5	4368.0	3682.2	3067.9	2525.7	2024.2	1601.8	1238.4	934.9
7.5°	7251.2	6368.2	5490.2	4682.9	3897.6	3189.8	2584.6	2060.0	1624.8	1258.1	947.4
5°	7757.7	6704.2	5674.3	4776.2	3958.2	3238.2	2620.9	2087.9	1640.7	1273.0	956.5
2.5°	7826.2	6759.4	5701.7	4813.1	3998.6	3271.4	2645.1	2107.1	1649.6	1282.9	962.2
0°	7852.6	6777.3	5698.2	4824.3	4018.7	3288.9	2657.0	2117.4	1651.8	1287.8	964.5
-2.5°	7826.2	6759.4	5701.7	4813.1	3998.6	3271.4	2645.1	2107.1	1649.6	1282.9	962.2
-5°	7757.7	6704.2	5674.3	4776.2	3958.2	3238.2	2620.9	2087.9	1640.7	1273.0	956.5
-7.5°	7251.2	6368.2	5490.2	4682.9	3897.6	3189.8	2584.6	2060.0	1624.8	1258.1	947.4
-10°	6630.3	5853.3	5085.5	4368.0	3682.2	3067.9	2525.7	2024.2	1601.8	1238.4	934.9
-12.5°	5999.8	5330.3	4673.8	4042.9	3432.2	2881.4	2387.9	1944.9	1566.8	1214.0	919.2
-15°	5368.3	4807.2	4261.8	3712.1	3176.9	2689.8	2245.0	1843.3	1492.7	1175.8	900.2
-17.5°	4727.5	4291.1	3855.4	3379.7	2919.6	2495.6	2098.7	1738.0	1415.3	1122.6	870.9
-20°	4066.2	3775.0	3460.7	3049.6	2663.3	2300.9	1950.6	1630.0	1335.4	1067.0	833.8



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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°	3448.6	3274.9	3046.2	2744.8	2419.1	2107.9	1802.3	1520.1	1253.7	1009.4	794.7
-25°	2877.6	2805.9	2650.2	2433.8	2192.9	1930.6	1662.0	1409.3	1170.8	950.4	754.0
-27.5°	2377.6	2375.5	2284.9	2141.9	1964.1	1758.3	1530.5	1307.9	1090.7	890.1	711.8
-30°	1934.6	1996.1	1968.9	1876.6	1748.4	1586.1	1401.0	1208.1	1017.0	834.3	668.3
-32.5°	1677.7	1662.8	1688.4	1647.1	1556.2	1423.8	1272.9	1110.0	943.6	780.9	629.9
-35°	1496.8	1439.5	1440.9	1438.3	1382.1	1282.2	1153.7	1014.2	870.9	727.0	592.6
-37.5°	1331.4	1294.8	1238.6	1256.0	1223.0	1148.8	1047.2	927.0	799.1	672.6	554.7
-40°	1190.0	1165.1	1122.9	1100.0	1084.1	1024.1	945.9	846.6	734.3	618.1	516.2
-42.5°	1062.2	1050.4	1019.8	974.5	959.2	919.3	851.2	768.6	672.4	570.0	477.2
-45°	953.1	946.4	924.4	885.5	847.9	822.6	769.2	694.6	611.7	525.0	440.4
-47.5°	854.6	853.4	835.5	800.7	758.6	735.1	691.3	629.6	552.5	480.0	407.1
-50°	768.1	767.9	752.6	725.9	689.2	658.1	619.3	566.8	503.9	435.9	374.0
-52.5°	697.9	690.0	678.4	656.2	624.1	586.4	555.6	507.2	456.1	397.4	340.9
-55°	631.3	620.0	610.4	590.5	561.3	526.0	495.0	457.0	409.1	360.9	308.5
-57.5°	569.0	556.9	546.3	527.7	502.6	471.3	441.6	408.1	367.6	324.4	279.5
-60°	509.0	497.9	485.0	469.1	446.8	420.0	392.5	361.9	327.5	288.7	250.4
-62.5°	450.8	440.6	428.1	413.3	394.7	372.2	345.3	319.1	287.6	256.8	221.3
-65°	395.8	386.7	373.6	362.2	346.0	325.5	301.1	276.5	252.5	225.0	193.5
-67.5°	343.6	335.4	324.8	313.3	298.9	280.5	257.7	239.3	218.8	193.4	168.7
-70°	293.2	286.0	277.3	267.1	253.5	236.9	220.9	204.5	185.5	166.0	143.8
-72.5°	244.6	239.1	231.8	222.2	211.6	199.3	185.4	170.9	156.1	138.8	118.8
-75°	197.7	193.9	188.6	181.4	172.3	162.0	151.6	140.1	126.9	111.5	96.2
-77.5°	154.8	151.5	146.9	141.6	135.2	127.7	119.2	109.5	98.6	87.1	74.4
-80°	115.3	113.0	109.2	104.3	99.3	93.5	87.9	80.9	72.4	62.9	52.5
-82.5°	79.6	77.0	74.1	70.7	67.7	63.8	58.8	52.8	46.1	38.7	34.1
-85°	48.1	46.1	43.7	40.9	37.9	34.2	32.0	29.7	27.6	25.3	22.8
-87.5°	21.5	20.8	20.0	19.1	18.1	17.1	16.0	14.8	13.8	12.6	11.4
-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):

	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°	10.0	8.9	7.5	6.0	4.2	2.1	0.0
85°	20.1	17.8	15.1	11.9	8.4	4.2	0.0
82.5°	30.1	26.7	22.6	17.9	12.5	6.3	0.0
80°	41.3	35.6	30.1	23.8	16.6	8.3	0.0
77.5°	60.8	47.2	37.6	29.7	20.8	10.4	0.0
75°	80.2	64.0	46.2	35.6	24.8	12.4	0.0
72.5°	99.5	80.6	60.0	41.4	28.8	14.4	0.0
70°	119.2	97.2	73.6	48.1	32.8	16.4	0.0
67.5°	141.6	113.6	87.2	58.5	36.7	18.4	0.0
65°	164.0	131.5	100.5	68.8	40.5	20.3	0.0
62.5°	186.2	150.7	113.8	79.0	44.3	22.2	0.0
60°	208.3	169.7	126.8	89.0	48.0	24.0	0.0
57.5°	233.5	188.5	142.1	98.8	54.5	25.8	0.0
55°	258.7	207.1	157.3	108.4	60.8	27.5	0.0
52.5°	283.6	225.9	172.3	117.8	67.1	29.2	0.0
50°	308.1	246.5	187.0	126.9	73.1	30.8	0.0
47.5°	332.9	266.7	201.3	136.3	78.9	32.4	0.0
45°	361.6	286.5	215.4	146.9	84.6	33.9	0.0
42.5°	390.1	305.7	229.0	157.1	90.0	35.4	0.0
40°	418.3	324.4	243.1	166.6	95.2	36.8	0.0
37.5°	446.1	342.5	257.5	175.5	100.2	38.1	0.0
35°	473.6	363.1	271.2	183.8	104.9	39.3	0.0
32.5°	501.7	384.6	284.4	191.6	109.4	40.5	0.0
30°	531.7	405.5	297.0	198.8	113.6	41.6	0.0
27.5°	560.7	425.5	307.5	205.3	117.5	42.6	0.0
25°	588.7	444.8	317.2	211.3	121.2	43.5	0.0
22.5°	615.3	462.0	326.1	216.7	124.5	44.3	0.0
20°	640.7	475.1	334.3	221.5	127.6	45.1	0.0
17.5°	659.8	486.6	341.7	225.7	130.3	45.8	0.0
15°	674.0	496.5	348.4	229.3	132.8	46.4	0.0
12.5°	686.2	504.8	354.2	232.3	134.9	46.9	0.0
10°	696.3	511.5	359.1	234.7	136.7	47.3	0.0
7.5°	704.3	516.7	363.1	236.5	138.1	47.6	0.0
5°	710.1	520.3	366.2	237.6	139.2	47.8	0.0
2.5°	713.6	522.4	368.3	238.3	140.0	48.0	0.0
0°	715.0	522.9	369.5	238.3	140.4	48.0	0.0
-2.5°	713.6	522.4	368.3	238.3	140.0	48.0	0.0
-5°	710.1	520.3	366.2	237.6	139.2	47.8	0.0
-7.5°	704.3	516.7	363.1	236.5	138.1	47.6	0.0
-10°	696.3	511.5	359.1	234.7	136.7	47.3	0.0
-12.5°	686.2	504.8	354.2	232.3	134.9	46.9	0.0
-15°	674.0	496.5	348.4	229.3	132.8	46.4	0.0
-17.5°	659.8	486.6	341.7	225.7	130.3	45.8	0.0
-20°	640.7	475.1	334.3	221.5	127.6	45.1	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	615.3	462.0	326.1	216.7	124.5	44.3	0.0
-25°	588.7	444.8	317.2	211.3	121.2	43.5	0.0
-27.5°	560.7	425.5	307.5	205.3	117.5	42.6	0.0
-30°	531.7	405.5	297.0	198.8	113.6	41.6	0.0
-32.5°	501.7	384.6	284.4	191.6	109.4	40.5	0.0
-35°	473.6	363.1	271.2	183.8	104.9	39.3	0.0
-37.5°	446.1	342.5	257.5	175.5	100.2	38.1	0.0
-40°	418.3	324.4	243.1	166.6	95.2	36.8	0.0
-42.5°	390.1	305.7	229.0	157.1	90.0	35.4	0.0
-45°	361.6	286.5	215.4	146.9	84.6	33.9	0.0
-47.5°	332.9	266.7	201.3	136.3	78.9	32.4	0.0
-50°	308.1	246.5	187.0	126.9	73.1	30.8	0.0
-52.5°	283.6	225.9	172.3	117.8	67.1	29.2	0.0
-55°	258.7	207.1	157.3	108.4	60.8	27.5	0.0
-57.5°	233.5	188.5	142.1	98.8	54.5	25.8	0.0
-60°	208.3	169.7	126.8	89.0	48.0	24.0	0.0
-62.5°	186.2	150.7	113.8	79.0	44.3	22.2	0.0
-65°	164.0	131.5	100.5	68.8	40.5	20.3	0.0
-67.5°	141.6	113.6	87.2	58.5	36.7	18.4	0.0
-70°	119.2	97.2	73.6	48.1	32.8	16.4	0.0
-72.5°	99.5	80.6	60.0	41.4	28.8	14.4	0.0
-75°	80.2	64.0	46.2	35.6	24.8	12.4	0.0
-77.5°	60.8	47.2	37.6	29.7	20.8	10.4	0.0
-80°	41.3	35.6	30.1	23.8	16.6	8.3	0.0
-82.5°	30.1	26.7	22.6	17.9	12.5	6.3	0.0
-85°	20.1	17.8	15.1	11.9	8.4	4.2	0.0
-87.5°	10.0	8.9	7.5	6.0	4.2	2.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)