

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: P558934 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-940-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558934 (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-SA4C-940-U-NAT-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (64) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

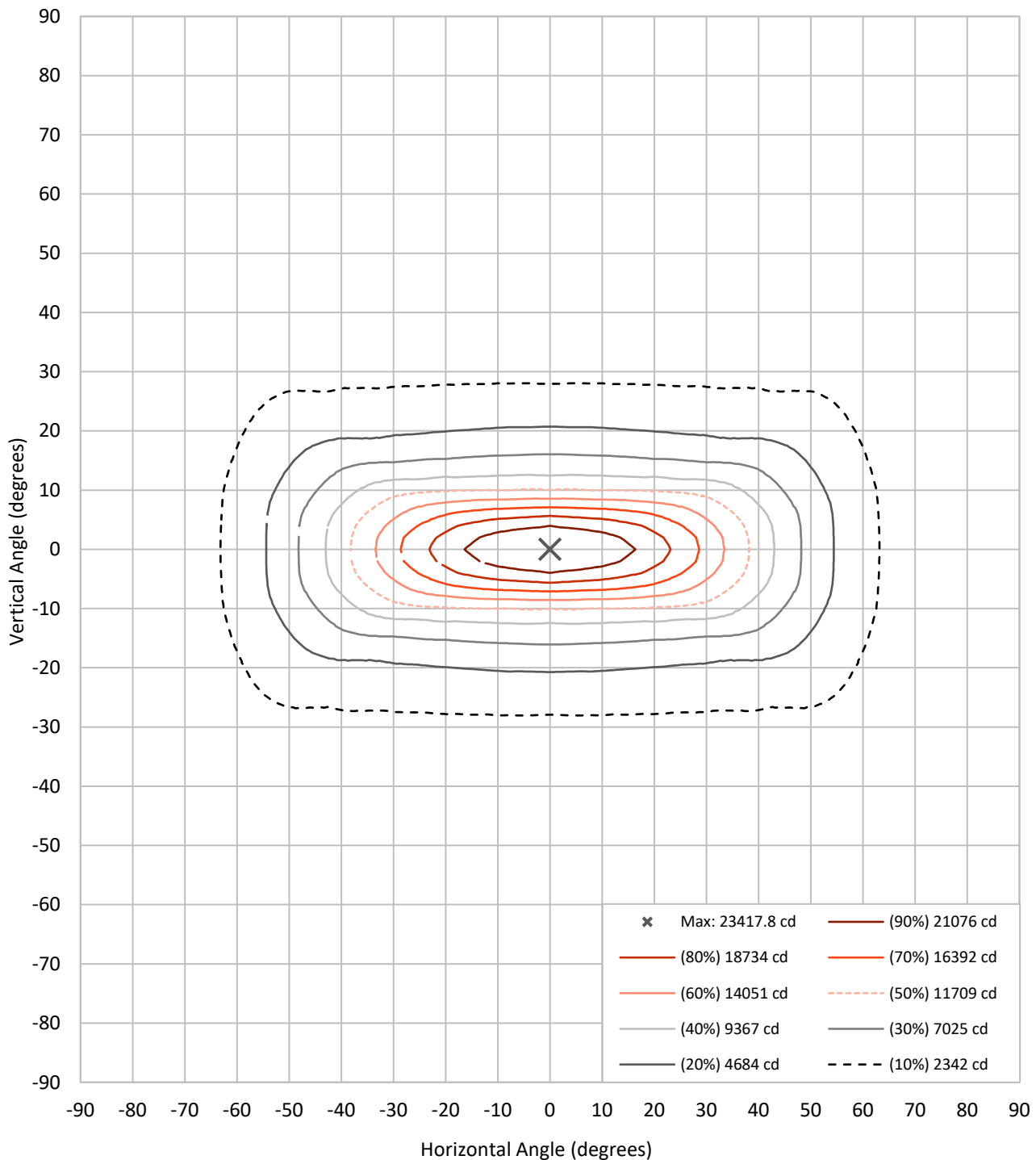
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	16771.4 lumens	Max Intensity:	23417.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	102.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	6710.2 lumens	Field Lumens:	13745.9 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 164
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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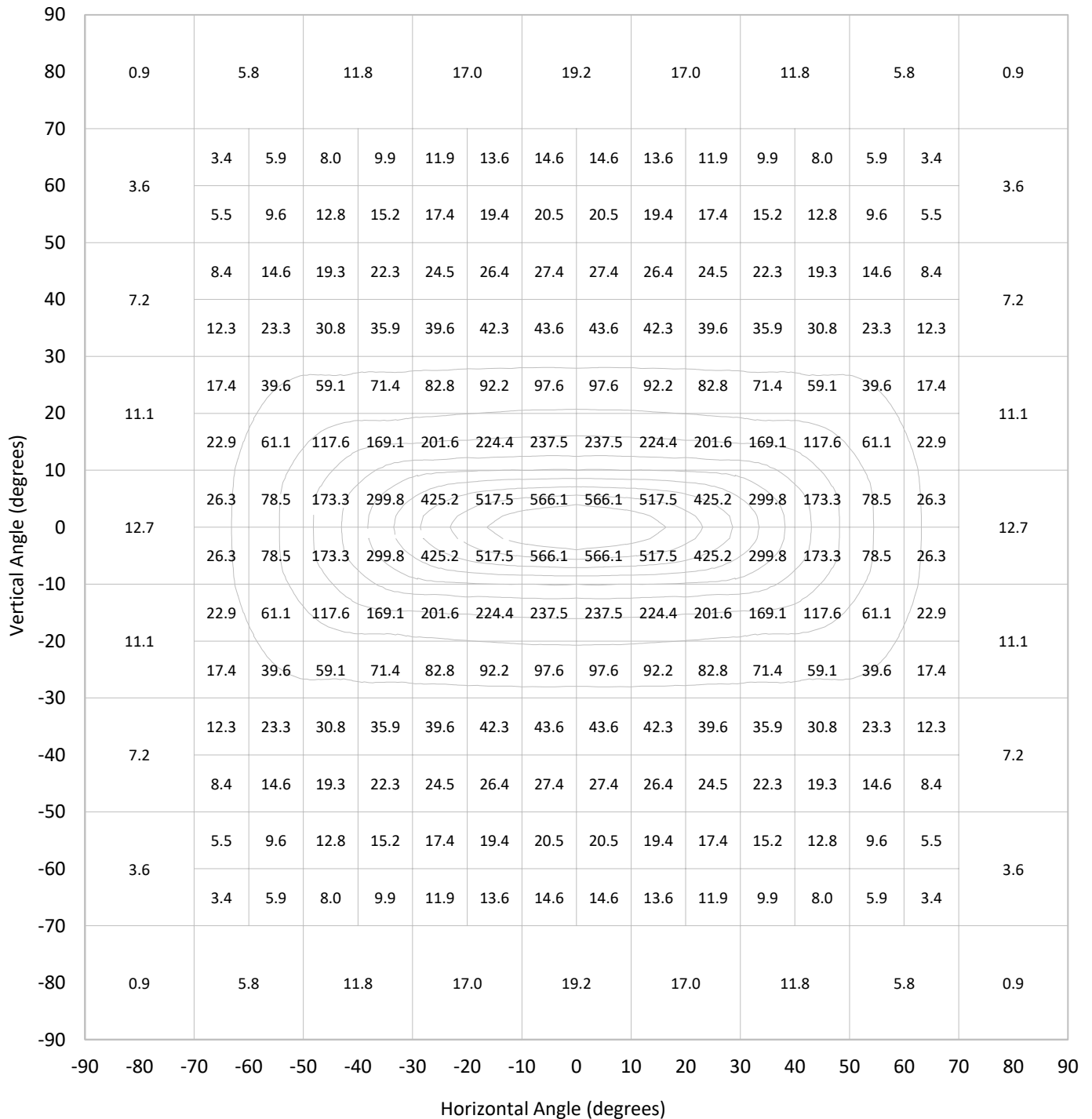
Iso-Candela Plot





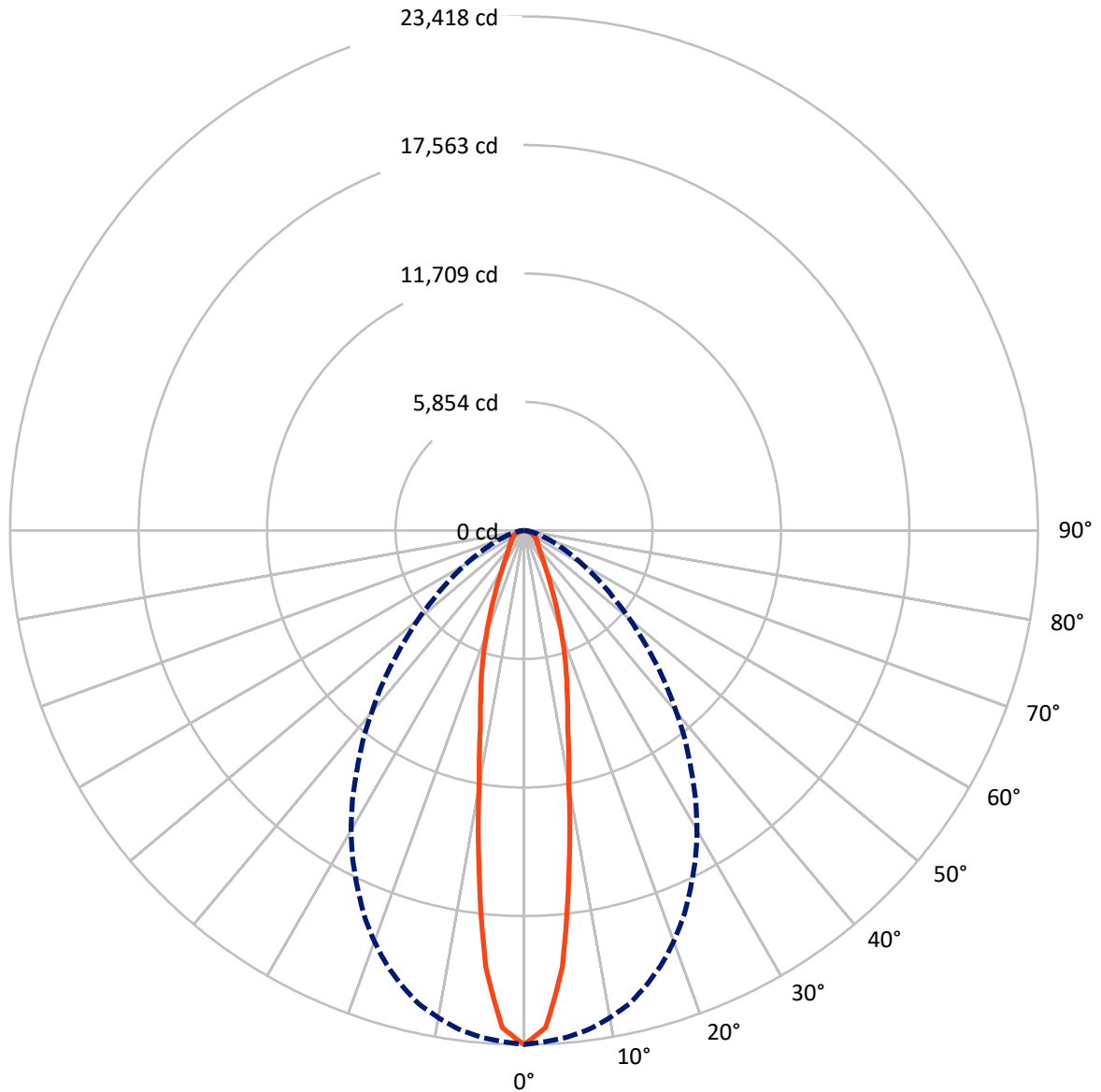
REPORT NUMBER: P558934 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table



REPORT NUMBER: P558934 (CONVERTED FROM TYPE C PHOTOMETRY)
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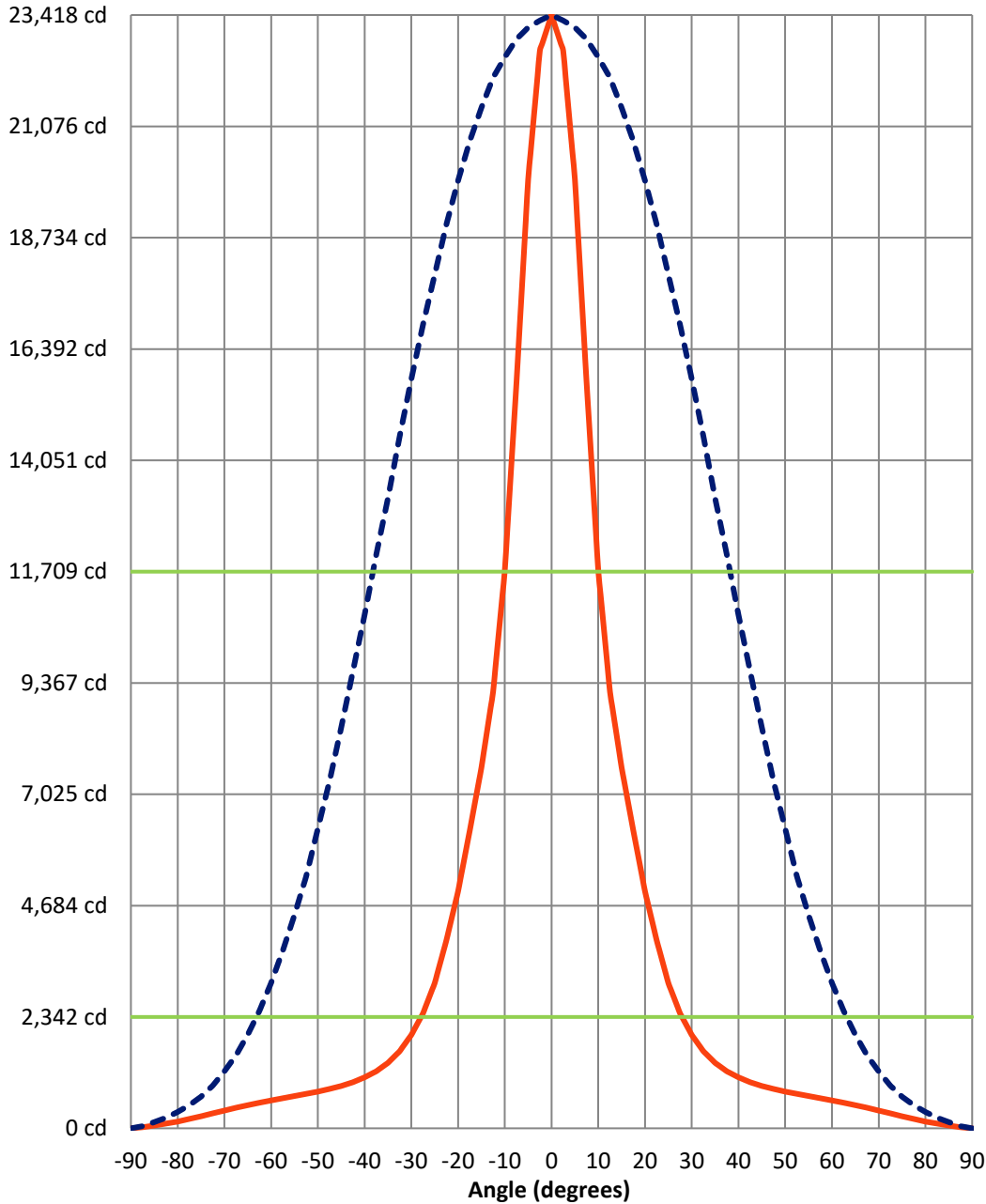
Luminous Intensity Polar Plot



— 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: 6710.2
 Efficiency: 40.0%

Field:
 H Angle: 126.3°
 V Angle: 55.8°
 Lumens: 13745.9
 Efficiency: 82.0%

Spill:
 Lumens: 3025.5
 Efficiency: 18.0%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.9	3.9	5.6	7.0	8.3	9.3	10.6	11.7	12.8	13.8
85°	0.0	3.9	7.8	11.1	14.0	16.6	18.7	21.2	23.5	25.6	27.6
82.5°	0.0	5.8	11.7	16.6	21.0	24.8	28.0	31.7	36.0	42.9	49.1
80°	0.0	7.8	15.5	22.2	28.0	33.1	38.4	48.8	58.5	67.3	75.2
77.5°	0.0	9.7	19.3	27.7	35.0	43.9	56.5	69.2	80.9	91.7	101.9
75°	0.0	11.6	23.1	33.1	43.0	59.5	74.6	89.4	103.6	118.0	130.3
72.5°	0.0	13.4	26.9	38.6	55.8	75.0	92.5	110.4	129.0	145.2	158.9
70°	0.0	15.3	30.5	44.8	68.5	90.4	110.8	133.7	154.4	172.5	190.2
67.5°	0.0	17.1	34.2	54.5	81.0	105.6	131.7	156.8	179.9	203.5	222.5
65°	0.0	18.9	37.7	64.0	93.5	122.2	152.5	179.9	209.3	234.8	257.2
62.5°	0.0	20.6	41.2	73.5	105.7	140.1	173.2	205.9	238.8	267.5	296.7
60°	0.0	22.3	44.7	82.7	117.9	157.8	193.8	232.9	268.5	304.6	336.5
57.5°	0.0	24.0	50.7	91.8	132.1	175.3	217.1	260.0	301.7	341.8	379.5
55°	0.0	25.6	56.6	100.7	146.3	192.6	240.6	286.9	335.7	380.5	425.0
52.5°	0.0	27.2	62.4	109.5	160.2	210.1	263.8	317.1	369.6	424.2	471.6
50°	0.0	28.7	68.0	118.0	173.9	229.3	286.5	347.8	405.4	468.6	527.1
47.5°	0.0	30.2	73.4	126.7	187.3	248.1	309.6	378.6	446.4	513.8	585.5
45°	0.0	31.6	78.7	136.5	200.3	266.4	336.3	409.6	488.2	568.8	645.9
42.5°	0.0	33.0	83.7	146.0	213.0	284.3	362.8	443.8	530.1	625.3	714.8
40°	0.0	34.2	88.6	154.9	226.1	301.7	389.0	480.0	574.8	682.9	787.3
37.5°	0.0	35.5	93.2	163.2	239.5	318.6	414.9	515.9	625.5	743.2	862.1
35°	0.0	36.6	97.6	171.0	252.3	337.7	440.5	551.1	676.1	809.9	943.2
32.5°	0.0	37.7	101.7	178.2	264.6	357.7	466.6	585.8	726.2	877.5	1032.3
30°	0.0	38.7	105.6	184.9	276.3	377.1	494.5	621.5	775.9	945.8	1123.6
27.5°	0.0	39.6	109.3	191.0	286.0	395.8	521.5	662.0	827.8	1014.3	1216.4
25°	0.0	40.5	112.7	196.6	295.0	413.7	547.5	701.2	883.8	1088.8	1310.7
22.5°	0.0	41.3	115.8	201.6	303.3	429.7	572.3	739.1	938.8	1165.9	1413.7
20°	0.0	42.0	118.6	206.1	311.0	441.9	595.9	775.4	992.3	1241.9	1515.9
17.5°	0.0	42.6	121.2	210.0	317.9	452.6	613.6	809.9	1044.0	1316.2	1616.4
15°	0.0	43.2	123.5	213.3	324.0	461.8	626.9	837.1	1093.6	1388.2	1714.3
12.5°	0.0	43.6	125.4	216.1	329.4	469.5	638.2	854.8	1129.0	1457.2	1808.8
10°	0.0	44.0	127.1	218.3	334.0	475.8	647.6	869.5	1151.7	1489.7	1882.5
7.5°	0.0	44.3	128.5	220.0	337.8	480.5	655.0	881.1	1170.1	1511.1	1915.9
5°	0.0	44.5	129.5	221.1	340.6	483.9	660.4	889.5	1183.9	1525.9	1941.7
2.5°	0.0	44.7	130.2	221.7	342.6	485.8	663.7	894.9	1193.1	1534.2	1959.7
0°	0.0	44.7	130.6	221.7	343.7	486.3	665.0	897.0	1197.7	1536.2	1969.2
-2.5°	0.0	44.7	130.2	221.7	342.6	485.8	663.7	894.9	1193.1	1534.2	1959.7
-5°	0.0	44.5	129.5	221.1	340.6	483.9	660.4	889.5	1183.9	1525.9	1941.7
-7.5°	0.0	44.3	128.5	220.0	337.8	480.5	655.0	881.1	1170.1	1511.1	1915.9
-10°	0.0	44.0	127.1	218.3	334.0	475.8	647.6	869.5	1151.7	1489.7	1882.5
-12.5°	0.0	43.6	125.4	216.1	329.4	469.5	638.2	854.8	1129.0	1457.2	1808.8
-15°	0.0	43.2	123.5	213.3	324.0	461.8	626.9	837.1	1093.6	1388.2	1714.3
-17.5°	0.0	42.6	121.2	210.0	317.9	452.6	613.6	809.9	1044.0	1316.2	1616.4
-20°	0.0	42.0	118.6	206.1	311.0	441.9	595.9	775.4	992.3	1241.9	1515.9



REPORT NUMBER: P558934 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-940-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	41.3	115.8	201.6	303.3	429.7	572.3	739.1	938.8	1165.9	1413.7
-25°	0.0	40.5	112.7	196.6	295.0	413.7	547.5	701.2	883.8	1088.8	1310.7
-27.5°	0.0	39.6	109.3	191.0	286.0	395.8	521.5	662.0	827.8	1014.3	1216.4
-30°	0.0	38.7	105.6	184.9	276.3	377.1	494.5	621.5	775.9	945.8	1123.6
-32.5°	0.0	37.7	101.7	178.2	264.6	357.7	466.6	585.8	726.2	877.5	1032.3
-35°	0.0	36.6	97.6	171.0	252.3	337.7	440.5	551.1	676.1	809.9	943.2
-37.5°	0.0	35.5	93.2	163.2	239.5	318.6	414.9	515.9	625.5	743.2	862.1
-40°	0.0	34.2	88.6	154.9	226.1	301.7	389.0	480.0	574.8	682.9	787.3
-42.5°	0.0	33.0	83.7	146.0	213.0	284.3	362.8	443.8	530.1	625.3	714.8
-45°	0.0	31.6	78.7	136.5	200.3	266.4	336.3	409.6	488.2	568.8	645.9
-47.5°	0.0	30.2	73.4	126.7	187.3	248.1	309.6	378.6	446.4	513.8	585.5
-50°	0.0	28.7	68.0	118.0	173.9	229.3	286.5	347.8	405.4	468.6	527.1
-52.5°	0.0	27.2	62.4	109.5	160.2	210.1	263.8	317.1	369.6	424.2	471.6
-55°	0.0	25.6	56.6	100.7	146.3	192.6	240.6	286.9	335.7	380.5	425.0
-57.5°	0.0	24.0	50.7	91.8	132.1	175.3	217.1	260.0	301.7	341.8	379.5
-60°	0.0	22.3	44.7	82.7	117.9	157.8	193.8	232.9	268.5	304.6	336.5
-62.5°	0.0	20.6	41.2	73.5	105.7	140.1	173.2	205.9	238.8	267.5	296.7
-65°	0.0	18.9	37.7	64.0	93.5	122.2	152.5	179.9	209.3	234.8	257.2
-67.5°	0.0	17.1	34.2	54.5	81.0	105.6	131.7	156.8	179.9	203.5	222.5
-70°	0.0	15.3	30.5	44.8	68.5	90.4	110.8	133.7	154.4	172.5	190.2
-72.5°	0.0	13.4	26.9	38.6	55.8	75.0	92.5	110.4	129.0	145.2	158.9
-75°	0.0	11.6	23.1	33.1	43.0	59.5	74.6	89.4	103.6	118.0	130.3
-77.5°	0.0	9.7	19.3	27.7	35.0	43.9	56.5	69.2	80.9	91.7	101.9
-80°	0.0	7.8	15.5	22.2	28.0	33.1	38.4	48.8	58.5	67.3	75.2
-82.5°	0.0	5.8	11.7	16.6	21.0	24.8	28.0	31.7	36.0	42.9	49.1
-85°	0.0	3.9	7.8	11.1	14.0	16.6	18.7	21.2	23.5	25.6	27.6
-87.5°	0.0	1.9	3.9	5.6	7.0	8.3	9.3	10.6	11.7	12.8	13.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558934 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-940-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°	14.9	15.9	16.8	17.7	18.6	19.3	20.0	20.6	21.5	22.4	23.2
85°	29.7	31.7	35.1	38.0	40.6	42.8	44.7	46.3	48.0	49.3	50.4
82.5°	54.7	59.3	62.9	65.7	68.8	71.6	74.0	76.0	78.2	80.2	81.9
80°	81.7	86.9	92.3	97.0	101.6	105.0	107.2	108.1	110.8	114.3	117.8
77.5°	110.8	118.7	125.7	131.7	136.6	140.9	143.9	145.8	150.1	155.1	159.5
75°	141.0	150.6	160.2	168.7	175.4	180.3	183.9	186.9	192.1	198.6	204.3
72.5°	172.4	185.3	196.8	206.6	215.5	222.4	227.5	230.8	236.1	243.8	250.0
70°	205.4	220.3	235.7	248.4	257.9	266.0	272.7	277.3	282.0	289.9	295.7
67.5°	239.7	260.8	278.0	291.4	302.0	311.9	319.5	324.4	326.5	334.4	341.0
65°	280.0	302.7	321.7	336.8	347.4	359.6	368.1	372.3	373.6	382.3	390.4
62.5°	321.1	346.2	367.1	384.3	398.2	409.8	419.3	424.6	425.5	431.9	441.2
60°	365.0	390.6	415.5	436.3	451.1	463.1	473.3	479.0	480.1	482.7	493.3
57.5°	410.7	438.3	467.4	490.8	508.0	517.9	529.2	535.4	537.9	536.3	547.3
55°	460.4	489.2	522.0	549.2	567.7	576.6	587.1	596.0	599.1	597.1	603.6
52.5°	516.7	545.4	580.4	610.3	630.9	641.7	649.0	659.8	664.8	662.6	661.3
50°	575.9	612.0	640.9	675.1	700.0	714.1	714.3	727.7	734.2	732.2	723.4
47.5°	642.9	683.7	705.5	744.7	777.0	793.7	794.8	800.2	808.1	810.2	802.7
45°	715.4	765.0	788.5	823.5	859.7	880.2	886.4	876.7	891.0	895.5	890.7
42.5°	791.6	855.0	892.1	906.4	948.5	976.9	987.8	981.1	980.4	990.4	990.2
40°	879.7	952.4	1008.3	1023.0	1044.3	1083.5	1106.7	1105.5	1079.5	1098.0	1102.8
37.5°	973.9	1068.4	1137.4	1168.1	1151.9	1204.2	1238.2	1252.0	1235.8	1217.5	1238.3
35°	1073.0	1192.5	1285.4	1337.7	1340.0	1338.8	1392.0	1420.6	1422.5	1389.2	1396.7
32.5°	1183.9	1324.2	1447.2	1531.8	1570.2	1546.5	1560.3	1620.3	1649.7	1637.0	1588.9
30°	1302.9	1475.1	1626.0	1745.3	1831.1	1856.4	1799.2	1846.0	1911.1	1937.1	1916.2
27.5°	1423.4	1635.2	1826.6	1992.0	2125.0	2209.2	2211.2	2138.9	2212.7	2275.4	2299.6
25°	1545.8	1795.5	2039.4	2263.6	2464.7	2609.6	2676.2	2684.0	2580.7	2674.6	2762.0
22.5°	1676.1	1960.3	2249.9	2552.7	2833.0	3045.7	3207.3	3304.7	3301.5	3203.0	3279.9
20°	1814.1	2139.9	2476.9	2836.2	3218.5	3510.8	3781.6	3988.7	4113.5	4154.9	4074.2
17.5°	1951.8	2320.9	2715.3	3143.2	3585.6	3990.8	4396.7	4727.2	4989.0	5204.0	5280.9
15°	2087.9	2501.6	2954.6	3452.3	3963.5	4470.7	4992.6	5498.7	5944.3	6337.7	6570.9
12.5°	2220.8	2679.7	3192.0	3759.9	4346.7	4957.3	5579.9	6196.5	6838.5	7475.7	7959.9
10°	2348.9	2853.2	3424.5	4062.3	4729.5	5443.7	6166.2	6898.0	7677.9	8429.3	9152.7
7.5°	2403.7	2966.6	3624.8	4355.1	5105.9	5922.5	6743.7	7593.2	8504.4	9381.2	10264.6
5°	2437.5	3011.6	3681.1	4441.9	5277.2	6235.0	7214.8	8267.2	9306.9	10316.4	11357.3
2.5°	2459.9	3042.4	3718.7	4476.2	5302.7	6286.4	7278.4	8371.2	9537.8	10704.9	11944.2
0°	2471.0	3058.7	3737.4	4486.6	5299.4	6303.0	7303.0	8430.3	9612.5	10799.9	12068.1
-2.5°	2459.9	3042.4	3718.7	4476.2	5302.7	6286.4	7278.4	8371.2	9537.8	10704.9	11944.2
-5°	2437.5	3011.6	3681.1	4441.9	5277.2	6235.0	7214.8	8267.2	9306.9	10316.4	11357.3
-7.5°	2403.7	2966.6	3624.8	4355.1	5105.9	5922.5	6743.7	7593.2	8504.4	9381.2	10264.6
-10°	2348.9	2853.2	3424.5	4062.3	4729.5	5443.7	6166.2	6898.0	7677.9	8429.3	9152.7
-12.5°	2220.8	2679.7	3192.0	3759.9	4346.7	4957.3	5579.9	6196.5	6838.5	7475.7	7959.9
-15°	2087.9	2501.6	2954.6	3452.3	3963.5	4470.7	4992.6	5498.7	5944.3	6337.7	6570.9
-17.5°	1951.8	2320.9	2715.3	3143.2	3585.6	3990.8	4396.7	4727.2	4989.0	5204.0	5280.9
-20°	1814.1	2139.9	2476.9	2836.2	3218.5	3510.8	3781.6	3988.7	4113.5	4154.9	4074.2



REPORT NUMBER: P558934 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-940-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°	1676.1	1960.3	2249.9	2552.7	2833.0	3045.7	3207.3	3304.7	3301.5	3203.0	3279.9
-25°	1545.8	1795.5	2039.4	2263.6	2464.7	2609.6	2676.2	2684.0	2580.7	2674.6	2762.0
-27.5°	1423.4	1635.2	1826.6	1992.0	2125.0	2209.2	2211.2	2138.9	2212.7	2275.4	2299.6
-30°	1302.9	1475.1	1626.0	1745.3	1831.1	1856.4	1799.2	1846.0	1911.1	1937.1	1916.2
-32.5°	1183.9	1324.2	1447.2	1531.8	1570.2	1546.5	1560.3	1620.3	1649.7	1637.0	1588.9
-35°	1073.0	1192.5	1285.4	1337.7	1340.0	1338.8	1392.0	1420.6	1422.5	1389.2	1396.7
-37.5°	973.9	1068.4	1137.4	1168.1	1151.9	1204.2	1238.2	1252.0	1235.8	1217.5	1238.3
-40°	879.7	952.4	1008.3	1023.0	1044.3	1083.5	1106.7	1105.5	1079.5	1098.0	1102.8
-42.5°	791.6	855.0	892.1	906.4	948.5	976.9	987.8	981.1	980.4	990.4	990.2
-45°	715.4	765.0	788.5	823.5	859.7	880.2	886.4	876.7	891.0	895.5	890.7
-47.5°	642.9	683.7	705.5	744.7	777.0	793.7	794.8	800.2	808.1	810.2	802.7
-50°	575.9	612.0	640.9	675.1	700.0	714.1	714.3	727.7	734.2	732.2	723.4
-52.5°	516.7	545.4	580.4	610.3	630.9	641.7	649.0	659.8	664.8	662.6	661.3
-55°	460.4	489.2	522.0	549.2	567.7	576.6	587.1	596.0	599.1	597.1	603.6
-57.5°	410.7	438.3	467.4	490.8	508.0	517.9	529.2	535.4	537.9	536.3	547.3
-60°	365.0	390.6	415.5	436.3	451.1	463.1	473.3	479.0	480.1	482.7	493.3
-62.5°	321.1	346.2	367.1	384.3	398.2	409.8	419.3	424.6	425.5	431.9	441.2
-65°	280.0	302.7	321.7	336.8	347.4	359.6	368.1	372.3	373.6	382.3	390.4
-67.5°	239.7	260.8	278.0	291.4	302.0	311.9	319.5	324.4	326.5	334.4	341.0
-70°	205.4	220.3	235.7	248.4	257.9	266.0	272.7	277.3	282.0	289.9	295.7
-72.5°	172.4	185.3	196.8	206.6	215.5	222.4	227.5	230.8	236.1	243.8	250.0
-75°	141.0	150.6	160.2	168.7	175.4	180.3	183.9	186.9	192.1	198.6	204.3
-77.5°	110.8	118.7	125.7	131.7	136.6	140.9	143.9	145.8	150.1	155.1	159.5
-80°	81.7	86.9	92.3	97.0	101.6	105.0	107.2	108.1	110.8	114.3	117.8
-82.5°	54.7	59.3	62.9	65.7	68.8	71.6	74.0	76.0	78.2	80.2	81.9
-85°	29.7	31.7	35.1	38.0	40.6	42.8	44.7	46.3	48.0	49.3	50.4
-87.5°	14.9	15.9	16.8	17.7	18.6	19.3	20.0	20.6	21.5	22.4	23.2
-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: P558934 (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°
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°	23.9	23.6	23.1	22.5	21.9	21.9	21.8	21.7	21.5	21.4	21.1
85°	51.2	52.1	53.1	54.0	54.8	55.7	56.4	57.1	57.5	57.5	57.3
82.5°	83.3	86.1	88.8	91.5	93.9	95.3	96.2	96.9	97.2	98.0	98.6
80°	120.9	125.0	128.8	131.9	134.4	136.3	137.9	139.1	140.1	141.0	141.7
77.5°	163.6	168.1	172.5	176.3	179.6	182.7	185.3	187.4	188.9	191.3	193.5
75°	209.0	214.1	219.5	224.3	228.6	233.1	237.6	241.7	245.4	248.4	250.7
72.5°	254.8	260.2	266.9	273.0	278.8	284.9	290.9	296.1	300.7	305.0	308.8
70°	300.1	305.1	313.7	321.9	329.6	336.9	344.2	350.7	356.4	361.9	366.9
67.5°	346.8	352.2	362.8	372.3	380.9	388.9	397.3	404.8	411.3	417.2	422.2
65°	396.7	401.4	412.9	423.3	432.4	439.9	449.0	457.2	464.5	470.9	476.4
62.5°	448.3	453.0	462.5	472.8	481.4	488.7	499.3	508.5	516.3	522.8	528.3
60°	500.6	504.7	512.0	523.4	533.0	540.9	550.3	559.3	566.9	573.3	579.1
57.5°	555.0	559.2	562.7	574.1	583.3	590.5	598.7	607.5	614.9	620.9	626.9
55°	611.2	614.4	613.3	623.8	632.5	638.4	644.5	653.8	661.1	666.5	671.9
52.5°	668.7	672.5	669.8	674.2	683.7	689.0	691.6	701.7	709.2	714.0	719.0
50°	732.6	735.7	733.3	730.8	740.0	745.4	746.9	755.0	761.9	765.6	769.1
47.5°	802.0	805.7	803.8	793.8	801.9	808.9	809.1	812.6	819.6	822.4	824.6
45°	877.4	884.6	883.0	876.0	874.9	882.0	881.3	878.6	886.7	890.3	891.4
42.5°	976.4	974.1	976.3	972.2	959.7	967.8	968.8	958.7	968.8	973.2	970.6
40°	1097.5	1075.4	1087.6	1085.8	1074.1	1072.3	1078.7	1070.4	1071.9	1078.2	1073.4
37.5°	1241.6	1225.8	1219.2	1224.7	1221.3	1206.3	1218.2	1215.3	1205.9	1216.5	1211.8
35°	1419.0	1414.3	1378.7	1400.4	1404.9	1390.7	1394.8	1401.0	1380.5	1396.6	1394.9
32.5°	1626.5	1637.0	1629.4	1616.0	1636.3	1638.8	1615.4	1643.5	1632.2	1636.2	1647.3
30°	1861.4	1915.3	1941.6	1918.1	1930.7	1955.8	1944.3	1963.9	1973.3	1958.6	1986.3
27.5°	2271.9	2252.7	2315.6	2343.0	2313.7	2359.5	2392.7	2378.0	2426.6	2397.8	2438.9
25°	2793.5	2765.4	2782.2	2872.7	2892.7	2869.5	2963.1	2974.1	3012.7	3017.5	3046.1
22.5°	3406.3	3474.2	3466.3	3493.8	3607.3	3645.3	3679.9	3770.0	3749.5	3831.2	3845.3
20°	4091.5	4262.1	4379.5	4404.2	4452.7	4583.3	4643.2	4714.3	4762.0	4839.3	4904.6
17.5°	5250.7	5163.4	5393.7	5538.4	5614.6	5641.7	5799.0	5850.3	5968.4	6035.9	6102.9
15°	6739.0	6790.0	6685.9	6823.9	7057.0	7135.6	7045.2	7256.4	7315.7	7429.5	7449.6
12.5°	8329.8	8587.3	8713.5	8747.9	8626.1	8957.5	9090.3	8923.6	9112.7	9078.6	9234.2
10°	9847.7	10473.3	10847.8	11111.4	11271.5	11367.9	11463.8	11636.1	11639.1	11766.7	11692.2
7.5°	11093.8	11887.1	12644.9	13380.1	13968.2	14297.8	14556.7	14804.9	15136.2	15294.9	15398.0
5°	12313.0	13228.3	14135.0	15026.2	15833.2	16609.6	17370.5	18030.6	18380.3	18789.1	19153.5
2.5°	13101.5	14259.3	15417.3	16564.3	17496.7	18352.4	19144.4	19879.9	20525.2	21122.2	21626.2
0°	13255.4	14551.1	15759.1	16903.5	17953.4	19010.2	19933.0	20764.7	21467.5	22101.6	22529.4
-2.5°	13101.5	14259.3	15417.3	16564.3	17496.7	18352.4	19144.4	19879.9	20525.2	21122.2	21626.2
-5°	12313.0	13228.3	14135.0	15026.2	15833.2	16609.6	17370.5	18030.6	18380.3	18789.1	19153.5
-7.5°	11093.8	11887.1	12644.9	13380.1	13968.2	14297.8	14556.7	14804.9	15136.2	15294.9	15398.0
-10°	9847.7	10473.3	10847.8	11111.4	11271.5	11367.9	11463.8	11636.1	11639.1	11766.7	11692.2
-12.5°	8329.8	8587.3	8713.5	8747.9	8626.1	8957.5	9090.3	8923.6	9112.7	9078.6	9234.2
-15°	6739.0	6790.0	6685.9	6823.9	7057.0	7135.6	7045.2	7256.4	7315.7	7429.5	7449.6
-17.5°	5250.7	5163.4	5393.7	5538.4	5614.6	5641.7	5799.0	5850.3	5968.4	6035.9	6102.9
-20°	4091.5	4262.1	4379.5	4404.2	4452.7	4583.3	4643.2	4714.3	4762.0	4839.3	4904.6



REPORT NUMBER: P558934 (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°	3406.3	3474.2	3466.3	3493.8	3607.3	3645.3	3679.9	3770.0	3749.5	3831.2	3845.3
-25°	2793.5	2765.4	2782.2	2872.7	2892.7	2869.5	2963.1	2974.1	3012.7	3017.5	3046.1
-27.5°	2271.9	2252.7	2315.6	2343.0	2313.7	2359.5	2392.7	2378.0	2426.6	2397.8	2438.9
-30°	1861.4	1915.3	1941.6	1918.1	1930.7	1955.8	1944.3	1963.9	1973.3	1958.6	1986.3
-32.5°	1626.5	1637.0	1629.4	1616.0	1636.3	1638.8	1615.4	1643.5	1632.2	1636.2	1647.3
-35°	1419.0	1414.3	1378.7	1400.4	1404.9	1390.7	1394.8	1401.0	1380.5	1396.6	1394.9
-37.5°	1241.6	1225.8	1219.2	1224.7	1221.3	1206.3	1218.2	1215.3	1205.9	1216.5	1211.8
-40°	1097.5	1075.4	1087.6	1085.8	1074.1	1072.3	1078.7	1070.4	1071.9	1078.2	1073.4
-42.5°	976.4	974.1	976.3	972.2	959.7	967.8	968.8	958.7	968.8	973.2	970.6
-45°	877.4	884.6	883.0	876.0	874.9	882.0	881.3	878.6	886.7	890.3	891.4
-47.5°	802.0	805.7	803.8	793.8	801.9	808.9	809.1	812.6	819.6	822.4	824.6
-50°	732.6	735.7	733.3	730.8	740.0	745.4	746.9	755.0	761.9	765.6	769.1
-52.5°	668.7	672.5	669.8	674.2	683.7	689.0	691.6	701.7	709.2	714.0	719.0
-55°	611.2	614.4	613.3	623.8	632.5	638.4	644.5	653.8	661.1	666.5	671.9
-57.5°	555.0	559.2	562.7	574.1	583.3	590.5	598.7	607.5	614.9	620.9	626.9
-60°	500.6	504.7	512.0	523.4	533.0	540.9	550.3	559.3	566.9	573.3	579.1
-62.5°	448.3	453.0	462.5	472.8	481.4	488.7	499.3	508.5	516.3	522.8	528.3
-65°	396.7	401.4	412.9	423.3	432.4	439.9	449.0	457.2	464.5	470.9	476.4
-67.5°	346.8	352.2	362.8	372.3	380.9	388.9	397.3	404.8	411.3	417.2	422.2
-70°	300.1	305.1	313.7	321.9	329.6	336.9	344.2	350.7	356.4	361.9	366.9
-72.5°	254.8	260.2	266.9	273.0	278.8	284.9	290.9	296.1	300.7	305.0	308.8
-75°	209.0	214.1	219.5	224.3	228.6	233.1	237.6	241.7	245.4	248.4	250.7
-77.5°	163.6	168.1	172.5	176.3	179.6	182.7	185.3	187.4	188.9	191.3	193.5
-80°	120.9	125.0	128.8	131.9	134.4	136.3	137.9	139.1	140.1	141.0	141.7
-82.5°	83.3	86.1	88.8	91.5	93.9	95.3	96.2	96.9	97.2	98.0	98.6
-85°	51.2	52.1	53.1	54.0	54.8	55.7	56.4	57.1	57.5	57.5	57.3
-87.5°	23.9	23.6	23.1	22.5	21.9	21.9	21.8	21.7	21.5	21.4	21.1
-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: P558934 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	20.8	20.5	21.4	22.3	21.4	20.5	20.8	21.1	21.4	21.5	21.7
85°	56.9	56.4	57.5	58.4	57.5	56.4	56.9	57.3	57.5	57.5	57.1
82.5°	99.0	99.2	99.6	99.7	99.6	99.2	99.0	98.6	98.0	97.2	96.9
80°	142.0	142.0	141.6	140.9	141.6	142.0	142.0	141.7	141.0	140.1	139.1
77.5°	195.3	196.5	197.3	197.6	197.3	196.5	195.3	193.5	191.3	188.9	187.4
75°	252.2	253.0	253.2	252.6	253.2	253.0	252.2	250.7	248.4	245.4	241.7
72.5°	312.0	314.5	315.0	314.5	315.0	314.5	312.0	308.8	305.0	300.7	296.1
70°	371.0	374.3	374.2	372.9	374.2	374.3	371.0	366.9	361.9	356.4	350.7
67.5°	426.3	429.2	431.6	433.0	431.6	429.2	426.3	422.2	417.2	411.3	404.8
65°	480.7	484.0	485.7	486.3	485.7	484.0	480.7	476.4	470.9	464.5	457.2
62.5°	532.5	535.5	537.2	537.8	537.2	535.5	532.5	528.3	522.8	516.3	508.5
60°	583.6	586.8	587.3	586.0	587.3	586.8	583.6	579.1	573.3	566.9	559.3
57.5°	631.5	634.8	634.8	632.4	634.8	634.8	631.5	626.9	620.9	614.9	607.5
55°	675.8	678.2	679.2	678.8	679.2	678.2	675.8	671.9	666.5	661.1	653.8
52.5°	722.7	724.6	725.5	725.1	725.5	724.6	722.7	719.0	714.0	709.2	701.7
50°	771.7	771.9	771.8	771.5	771.8	771.9	771.7	769.1	765.6	761.9	755.0
47.5°	827.6	828.2	828.3	828.3	828.3	828.2	827.6	824.6	822.4	819.6	812.6
45°	893.7	891.9	890.0	890.1	890.0	891.9	893.7	891.4	890.3	886.7	878.6
42.5°	973.1	971.0	968.6	969.2	968.6	971.0	973.1	970.6	973.2	968.8	958.7
40°	1077.6	1077.0	1073.5	1072.3	1073.5	1077.0	1077.6	1073.4	1078.2	1071.9	1070.4
37.5°	1212.6	1210.6	1202.8	1199.4	1202.8	1210.6	1212.6	1211.8	1216.5	1205.9	1215.3
35°	1390.1	1387.5	1375.5	1376.4	1375.5	1387.5	1390.1	1394.9	1396.6	1380.5	1401.0
32.5°	1641.8	1642.7	1624.6	1620.4	1624.6	1642.7	1641.8	1647.3	1636.2	1632.2	1643.5
30°	1969.1	1976.2	1954.9	1964.1	1954.9	1976.2	1969.1	1986.3	1958.6	1973.3	1963.9
27.5°	2438.1	2451.8	2432.9	2417.7	2432.9	2451.8	2438.1	2438.9	2397.8	2426.6	2378.0
25°	3083.8	3094.0	3072.4	3053.5	3072.4	3094.0	3083.8	3046.1	3017.5	3012.7	2974.1
22.5°	3924.1	3923.5	3922.4	3952.2	3922.4	3923.5	3924.1	3845.3	3831.2	3749.5	3770.0
20°	4946.9	4922.1	4959.2	4983.2	4959.2	4922.1	4946.9	4904.6	4839.3	4762.0	4714.3
17.5°	6118.5	6164.9	6200.6	6260.0	6200.6	6164.9	6118.5	6102.9	6035.9	5968.4	5850.3
15°	7500.0	7570.1	7605.7	7586.6	7605.7	7570.1	7500.0	7449.6	7429.5	7315.7	7256.4
12.5°	9239.7	9323.3	9261.6	9184.6	9261.6	9323.3	9239.7	9234.2	9078.6	9112.7	8923.6
10°	11693.3	11873.4	11883.5	11733.0	11883.5	11873.4	11693.3	11692.2	11766.7	11639.1	11636.1
7.5°	15457.9	15545.5	15678.5	15685.2	15678.5	15545.5	15457.9	15398.0	15294.9	15136.2	14804.9
5°	19318.7	19551.9	19702.3	19962.2	19702.3	19551.9	19318.7	19153.5	18789.1	18380.3	18030.6
2.5°	21951.8	22253.2	22368.9	22663.5	22368.9	22253.2	21951.8	21626.2	21122.2	20525.2	19879.9
0°	22910.9	23154.9	23301.0	23417.8	23301.0	23154.9	22910.9	22529.4	22101.6	21467.5	20764.7
-2.5°	21951.8	22253.2	22368.9	22663.5	22368.9	22253.2	21951.8	21626.2	21122.2	20525.2	19879.9
-5°	19318.7	19551.9	19702.3	19962.2	19702.3	19551.9	19318.7	19153.5	18789.1	18380.3	18030.6
-7.5°	15457.9	15545.5	15678.5	15685.2	15678.5	15545.5	15457.9	15398.0	15294.9	15136.2	14804.9
-10°	11693.3	11873.4	11883.5	11733.0	11883.5	11873.4	11693.3	11692.2	11766.7	11639.1	11636.1
-12.5°	9239.7	9323.3	9261.6	9184.6	9261.6	9323.3	9239.7	9234.2	9078.6	9112.7	8923.6
-15°	7500.0	7570.1	7605.7	7586.6	7605.7	7570.1	7500.0	7449.6	7429.5	7315.7	7256.4
-17.5°	6118.5	6164.9	6200.6	6260.0	6200.6	6164.9	6118.5	6102.9	6035.9	5968.4	5850.3
-20°	4946.9	4922.1	4959.2	4983.2	4959.2	4922.1	4946.9	4904.6	4839.3	4762.0	4714.3



REPORT NUMBER: P558934 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-940-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°	3924.1	3923.5	3922.4	3952.2	3922.4	3923.5	3924.1	3845.3	3831.2	3749.5	3770.0
-25°	3083.8	3094.0	3072.4	3053.5	3072.4	3094.0	3083.8	3046.1	3017.5	3012.7	2974.1
-27.5°	2438.1	2451.8	2432.9	2417.7	2432.9	2451.8	2438.1	2438.9	2397.8	2426.6	2378.0
-30°	1969.1	1976.2	1954.9	1964.1	1954.9	1976.2	1969.1	1986.3	1958.6	1973.3	1963.9
-32.5°	1641.8	1642.7	1624.6	1620.4	1624.6	1642.7	1641.8	1647.3	1636.2	1632.2	1643.5
-35°	1390.1	1387.5	1375.5	1376.4	1375.5	1387.5	1390.1	1394.9	1396.6	1380.5	1401.0
-37.5°	1212.6	1210.6	1202.8	1199.4	1202.8	1210.6	1212.6	1211.8	1216.5	1205.9	1215.3
-40°	1077.6	1077.0	1073.5	1072.3	1073.5	1077.0	1077.6	1073.4	1078.2	1071.9	1070.4
-42.5°	973.1	971.0	968.6	969.2	968.6	971.0	973.1	970.6	973.2	968.8	958.7
-45°	893.7	891.9	890.0	890.1	890.0	891.9	893.7	891.4	890.3	886.7	878.6
-47.5°	827.6	828.2	828.3	828.3	828.3	828.2	827.6	824.6	822.4	819.6	812.6
-50°	771.7	771.9	771.8	771.5	771.8	771.9	771.7	769.1	765.6	761.9	755.0
-52.5°	722.7	724.6	725.5	725.1	725.5	724.6	722.7	719.0	714.0	709.2	701.7
-55°	675.8	678.2	679.2	678.8	679.2	678.2	675.8	671.9	666.5	661.1	653.8
-57.5°	631.5	634.8	634.8	632.4	634.8	634.8	631.5	626.9	620.9	614.9	607.5
-60°	583.6	586.8	587.3	586.0	587.3	586.8	583.6	579.1	573.3	566.9	559.3
-62.5°	532.5	535.5	537.2	537.8	537.2	535.5	532.5	528.3	522.8	516.3	508.5
-65°	480.7	484.0	485.7	486.3	485.7	484.0	480.7	476.4	470.9	464.5	457.2
-67.5°	426.3	429.2	431.6	433.0	431.6	429.2	426.3	422.2	417.2	411.3	404.8
-70°	371.0	374.3	374.2	372.9	374.2	374.3	371.0	366.9	361.9	356.4	350.7
-72.5°	312.0	314.5	315.0	314.5	315.0	314.5	312.0	308.8	305.0	300.7	296.1
-75°	252.2	253.0	253.2	252.6	253.2	253.0	252.2	250.7	248.4	245.4	241.7
-77.5°	195.3	196.5	197.3	197.6	197.3	196.5	195.3	193.5	191.3	188.9	187.4
-80°	142.0	142.0	141.6	140.9	141.6	142.0	142.0	141.7	141.0	140.1	139.1
-82.5°	99.0	99.2	99.6	99.7	99.6	99.2	99.0	98.6	98.0	97.2	96.9
-85°	56.9	56.4	57.5	58.4	57.5	56.4	56.9	57.3	57.5	57.5	57.1
-87.5°	20.8	20.5	21.4	22.3	21.4	20.5	20.8	21.1	21.4	21.5	21.7
-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: P558934 (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°	21.8	21.9	21.9	22.5	23.1	23.6	23.9	23.2	22.4	21.5	20.6
85°	56.4	55.7	54.8	54.0	53.1	52.1	51.2	50.4	49.3	48.0	46.3
82.5°	96.2	95.3	93.9	91.5	88.8	86.1	83.3	81.9	80.2	78.2	76.0
80°	137.9	136.3	134.4	131.9	128.8	125.0	120.9	117.8	114.3	110.8	108.1
77.5°	185.3	182.7	179.6	176.3	172.5	168.1	163.6	159.5	155.1	150.1	145.8
75°	237.6	233.1	228.6	224.3	219.5	214.1	209.0	204.3	198.6	192.1	186.9
72.5°	290.9	284.9	278.8	273.0	266.9	260.2	254.8	250.0	243.8	236.1	230.8
70°	344.2	336.9	329.6	321.9	313.7	305.1	300.1	295.7	289.9	282.0	277.3
67.5°	397.3	388.9	380.9	372.3	362.8	352.2	346.8	341.0	334.4	326.5	324.4
65°	449.0	439.9	432.4	423.3	412.9	401.4	396.7	390.4	382.3	373.6	372.3
62.5°	499.3	488.7	481.4	472.8	462.5	453.0	448.3	441.2	431.9	425.5	424.6
60°	550.3	540.9	533.0	523.4	512.0	504.7	500.6	493.3	482.7	480.1	479.0
57.5°	598.7	590.5	583.3	574.1	562.7	559.2	555.0	547.3	536.3	537.9	535.4
55°	644.5	638.4	632.5	623.8	613.3	614.4	611.2	603.6	597.1	599.1	596.0
52.5°	691.6	689.0	683.7	674.2	669.8	672.5	668.7	661.3	662.6	664.8	659.8
50°	746.9	745.4	740.0	730.8	733.3	735.7	732.6	723.4	732.2	734.2	727.7
47.5°	809.1	808.9	801.9	793.8	803.8	805.7	802.0	802.7	810.2	808.1	800.2
45°	881.3	882.0	874.9	876.0	883.0	884.6	877.4	890.7	895.5	891.0	876.7
42.5°	968.8	967.8	959.7	972.2	976.3	974.1	976.4	990.2	990.4	980.4	981.1
40°	1078.7	1072.3	1074.1	1085.8	1087.6	1075.4	1097.5	1102.8	1098.0	1079.5	1105.5
37.5°	1218.2	1206.3	1221.3	1224.7	1219.2	1225.8	1241.6	1238.3	1217.5	1235.8	1252.0
35°	1394.8	1390.7	1404.9	1400.4	1378.7	1414.3	1419.0	1396.7	1389.2	1422.5	1420.6
32.5°	1615.4	1638.8	1636.3	1616.0	1629.4	1637.0	1626.5	1588.9	1637.0	1649.7	1620.3
30°	1944.3	1955.8	1930.7	1918.1	1941.6	1915.3	1861.4	1916.2	1937.1	1911.1	1846.0
27.5°	2392.7	2359.5	2313.7	2343.0	2315.6	2252.7	2271.9	2299.6	2275.4	2212.7	2138.9
25°	2963.1	2869.5	2892.7	2872.7	2782.2	2765.4	2793.5	2762.0	2674.6	2580.7	2684.0
22.5°	3679.9	3645.3	3607.3	3493.8	3466.3	3474.2	3406.3	3279.9	3203.0	3301.5	3304.7
20°	4643.2	4583.3	4452.7	4404.2	4379.5	4262.1	4091.5	4074.2	4154.9	4113.5	3988.7
17.5°	5799.0	5641.7	5614.6	5538.4	5393.7	5163.4	5250.7	5280.9	5204.0	4989.0	4727.2
15°	7045.2	7135.6	7057.0	6823.9	6685.9	6790.0	6739.0	6570.9	6337.7	5944.3	5498.7
12.5°	9090.3	8957.5	8626.1	8747.9	8713.5	8587.3	8329.8	7959.9	7475.7	6838.5	6196.5
10°	11463.8	11367.9	11271.5	11111.4	10847.8	10473.3	9847.7	9152.7	8429.3	7677.9	6898.0
7.5°	14556.7	14297.8	13968.2	13380.1	12644.9	11887.1	11093.8	10264.6	9381.2	8504.4	7593.2
5°	17370.5	16609.6	15833.2	15026.2	14135.0	13228.3	12313.0	11357.3	10316.4	9306.9	8267.2
2.5°	19144.4	18352.4	17496.7	16564.3	15417.3	14259.3	13101.5	11944.2	10704.9	9537.8	8371.2
0°	19933.0	19010.2	17953.4	16903.5	15759.1	14551.1	13255.4	12068.1	10799.9	9612.5	8430.3
-2.5°	19144.4	18352.4	17496.7	16564.3	15417.3	14259.3	13101.5	11944.2	10704.9	9537.8	8371.2
-5°	17370.5	16609.6	15833.2	15026.2	14135.0	13228.3	12313.0	11357.3	10316.4	9306.9	8267.2
-7.5°	14556.7	14297.8	13968.2	13380.1	12644.9	11887.1	11093.8	10264.6	9381.2	8504.4	7593.2
-10°	11463.8	11367.9	11271.5	11111.4	10847.8	10473.3	9847.7	9152.7	8429.3	7677.9	6898.0
-12.5°	9090.3	8957.5	8626.1	8747.9	8713.5	8587.3	8329.8	7959.9	7475.7	6838.5	6196.5
-15°	7045.2	7135.6	7057.0	6823.9	6685.9	6790.0	6739.0	6570.9	6337.7	5944.3	5498.7
-17.5°	5799.0	5641.7	5614.6	5538.4	5393.7	5163.4	5250.7	5280.9	5204.0	4989.0	4727.2
-20°	4643.2	4583.3	4452.7	4404.2	4379.5	4262.1	4091.5	4074.2	4154.9	4113.5	3988.7



REPORT NUMBER: P558934 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-940-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3679.9	3645.3	3607.3	3493.8	3466.3	3474.2	3406.3	3279.9	3203.0	3301.5	3304.7
-25°	2963.1	2869.5	2892.7	2872.7	2782.2	2765.4	2793.5	2762.0	2674.6	2580.7	2684.0
-27.5°	2392.7	2359.5	2313.7	2343.0	2315.6	2252.7	2271.9	2299.6	2275.4	2212.7	2138.9
-30°	1944.3	1955.8	1930.7	1918.1	1941.6	1915.3	1861.4	1916.2	1937.1	1911.1	1846.0
-32.5°	1615.4	1638.8	1636.3	1616.0	1629.4	1637.0	1626.5	1588.9	1637.0	1649.7	1620.3
-35°	1394.8	1390.7	1404.9	1400.4	1378.7	1414.3	1419.0	1396.7	1389.2	1422.5	1420.6
-37.5°	1218.2	1206.3	1221.3	1224.7	1219.2	1225.8	1241.6	1238.3	1217.5	1235.8	1252.0
-40°	1078.7	1072.3	1074.1	1085.8	1087.6	1075.4	1097.5	1102.8	1098.0	1079.5	1105.5
-42.5°	968.8	967.8	959.7	972.2	976.3	974.1	976.4	990.2	990.4	980.4	981.1
-45°	881.3	882.0	874.9	876.0	883.0	884.6	877.4	890.7	895.5	891.0	876.7
-47.5°	809.1	808.9	801.9	793.8	803.8	805.7	802.0	802.7	810.2	808.1	800.2
-50°	746.9	745.4	740.0	730.8	733.3	735.7	732.6	723.4	732.2	734.2	727.7
-52.5°	691.6	689.0	683.7	674.2	669.8	672.5	668.7	661.3	662.6	664.8	659.8
-55°	644.5	638.4	632.5	623.8	613.3	614.4	611.2	603.6	597.1	599.1	596.0
-57.5°	598.7	590.5	583.3	574.1	562.7	559.2	555.0	547.3	536.3	537.9	535.4
-60°	550.3	540.9	533.0	523.4	512.0	504.7	500.6	493.3	482.7	480.1	479.0
-62.5°	499.3	488.7	481.4	472.8	462.5	453.0	448.3	441.2	431.9	425.5	424.6
-65°	449.0	439.9	432.4	423.3	412.9	401.4	396.7	390.4	382.3	373.6	372.3
-67.5°	397.3	388.9	380.9	372.3	362.8	352.2	346.8	341.0	334.4	326.5	324.4
-70°	344.2	336.9	329.6	321.9	313.7	305.1	300.1	295.7	289.9	282.0	277.3
-72.5°	290.9	284.9	278.8	273.0	266.9	260.2	254.8	250.0	243.8	236.1	230.8
-75°	237.6	233.1	228.6	224.3	219.5	214.1	209.0	204.3	198.6	192.1	186.9
-77.5°	185.3	182.7	179.6	176.3	172.5	168.1	163.6	159.5	155.1	150.1	145.8
-80°	137.9	136.3	134.4	131.9	128.8	125.0	120.9	117.8	114.3	110.8	108.1
-82.5°	96.2	95.3	93.9	91.5	88.8	86.1	83.3	81.9	80.2	78.2	76.0
-85°	56.4	55.7	54.8	54.0	53.1	52.1	51.2	50.4	49.3	48.0	46.3
-87.5°	21.8	21.9	21.9	22.5	23.1	23.6	23.9	23.2	22.4	21.5	20.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558934 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	20.0	19.3	18.6	17.7	16.8	15.9	14.9	13.8	12.8	11.7	10.6
85°	44.7	42.8	40.6	38.0	35.1	31.7	29.7	27.6	25.6	23.5	21.2
82.5°	74.0	71.6	68.8	65.7	62.9	59.3	54.7	49.1	42.9	36.0	31.7
80°	107.2	105.0	101.6	97.0	92.3	86.9	81.7	75.2	67.3	58.5	48.8
77.5°	143.9	140.9	136.6	131.7	125.7	118.7	110.8	101.9	91.7	80.9	69.2
75°	183.9	180.3	175.4	168.7	160.2	150.6	141.0	130.3	118.0	103.6	89.4
72.5°	227.5	222.4	215.5	206.6	196.8	185.3	172.4	158.9	145.2	129.0	110.4
70°	272.7	266.0	257.9	248.4	235.7	220.3	205.4	190.2	172.5	154.4	133.7
67.5°	319.5	311.9	302.0	291.4	278.0	260.8	239.7	222.5	203.5	179.9	156.8
65°	368.1	359.6	347.4	336.8	321.7	302.7	280.0	257.2	234.8	209.3	179.9
62.5°	419.3	409.8	398.2	384.3	367.1	346.2	321.1	296.7	267.5	238.8	205.9
60°	473.3	463.1	451.1	436.3	415.5	390.6	365.0	336.5	304.6	268.5	232.9
57.5°	529.2	517.9	508.0	490.8	467.4	438.3	410.7	379.5	341.8	301.7	260.0
55°	587.1	576.6	567.7	549.2	522.0	489.2	460.4	425.0	380.5	335.7	286.9
52.5°	649.0	641.7	630.9	610.3	580.4	545.4	516.7	471.6	424.2	369.6	317.1
50°	714.3	714.1	700.0	675.1	640.9	612.0	575.9	527.1	468.6	405.4	347.8
47.5°	794.8	793.7	777.0	744.7	705.5	683.7	642.9	585.5	513.8	446.4	378.6
45°	886.4	880.2	859.7	823.5	788.5	765.0	715.4	645.9	568.8	488.2	409.6
42.5°	987.8	976.9	948.5	906.4	892.1	855.0	791.6	714.8	625.3	530.1	443.8
40°	1106.7	1083.5	1044.3	1023.0	1008.3	952.4	879.7	787.3	682.9	574.8	480.0
37.5°	1238.2	1204.2	1151.9	1168.1	1137.4	1068.4	973.9	862.1	743.2	625.5	515.9
35°	1392.0	1338.8	1340.0	1337.7	1285.4	1192.5	1073.0	943.2	809.9	676.1	551.1
32.5°	1560.3	1546.5	1570.2	1531.8	1447.2	1324.2	1183.9	1032.3	877.5	726.2	585.8
30°	1799.2	1856.4	1831.1	1745.3	1626.0	1475.1	1302.9	1123.6	945.8	775.9	621.5
27.5°	2211.2	2209.2	2125.0	1992.0	1826.6	1635.2	1423.4	1216.4	1014.3	827.8	662.0
25°	2676.2	2609.6	2464.7	2263.6	2039.4	1795.5	1545.8	1310.7	1088.8	883.8	701.2
22.5°	3207.3	3045.7	2833.0	2552.7	2249.9	1960.3	1676.1	1413.7	1165.9	938.8	739.1
20°	3781.6	3510.8	3218.5	2836.2	2476.9	2139.9	1814.1	1515.9	1241.9	992.3	775.4
17.5°	4396.7	3990.8	3585.6	3143.2	2715.3	2320.9	1951.8	1616.4	1316.2	1044.0	809.9
15°	4992.6	4470.7	3963.5	3452.3	2954.6	2501.6	2087.9	1714.3	1388.2	1093.6	837.1
12.5°	5579.9	4957.3	4346.7	3759.9	3192.0	2679.7	2220.8	1808.8	1457.2	1129.0	854.8
10°	6166.2	5443.7	4729.5	4062.3	3424.5	2853.2	2348.9	1882.5	1489.7	1151.7	869.5
7.5°	6743.7	5922.5	5105.9	4355.1	3624.8	2966.6	2403.7	1915.9	1511.1	1170.1	881.1
5°	7214.8	6235.0	5277.2	4441.9	3681.1	3011.6	2437.5	1941.7	1525.9	1183.9	889.5
2.5°	7278.4	6286.4	5302.7	4476.2	3718.7	3042.4	2459.9	1959.7	1534.2	1193.1	894.9
0°	7303.0	6303.0	5299.4	4486.6	3737.4	3058.7	2471.0	1969.2	1536.2	1197.7	897.0
-2.5°	7278.4	6286.4	5302.7	4476.2	3718.7	3042.4	2459.9	1959.7	1534.2	1193.1	894.9
-5°	7214.8	6235.0	5277.2	4441.9	3681.1	3011.6	2437.5	1941.7	1525.9	1183.9	889.5
-7.5°	6743.7	5922.5	5105.9	4355.1	3624.8	2966.6	2403.7	1915.9	1511.1	1170.1	881.1
-10°	6166.2	5443.7	4729.5	4062.3	3424.5	2853.2	2348.9	1882.5	1489.7	1151.7	869.5
-12.5°	5579.9	4957.3	4346.7	3759.9	3192.0	2679.7	2220.8	1808.8	1457.2	1129.0	854.8
-15°	4992.6	4470.7	3963.5	3452.3	2954.6	2501.6	2087.9	1714.3	1388.2	1093.6	837.1
-17.5°	4396.7	3990.8	3585.6	3143.2	2715.3	2320.9	1951.8	1616.4	1316.2	1044.0	809.9
-20°	3781.6	3510.8	3218.5	2836.2	2476.9	2139.9	1814.1	1515.9	1241.9	992.3	775.4



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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°	3207.3	3045.7	2833.0	2552.7	2249.9	1960.3	1676.1	1413.7	1165.9	938.8	739.1
-25°	2676.2	2609.6	2464.7	2263.6	2039.4	1795.5	1545.8	1310.7	1088.8	883.8	701.2
-27.5°	2211.2	2209.2	2125.0	1992.0	1826.6	1635.2	1423.4	1216.4	1014.3	827.8	662.0
-30°	1799.2	1856.4	1831.1	1745.3	1626.0	1475.1	1302.9	1123.6	945.8	775.9	621.5
-32.5°	1560.3	1546.5	1570.2	1531.8	1447.2	1324.2	1183.9	1032.3	877.5	726.2	585.8
-35°	1392.0	1338.8	1340.0	1337.7	1285.4	1192.5	1073.0	943.2	809.9	676.1	551.1
-37.5°	1238.2	1204.2	1151.9	1168.1	1137.4	1068.4	973.9	862.1	743.2	625.5	515.9
-40°	1106.7	1083.5	1044.3	1023.0	1008.3	952.4	879.7	787.3	682.9	574.8	480.0
-42.5°	987.8	976.9	948.5	906.4	892.1	855.0	791.6	714.8	625.3	530.1	443.8
-45°	886.4	880.2	859.7	823.5	788.5	765.0	715.4	645.9	568.8	488.2	409.6
-47.5°	794.8	793.7	777.0	744.7	705.5	683.7	642.9	585.5	513.8	446.4	378.6
-50°	714.3	714.1	700.0	675.1	640.9	612.0	575.9	527.1	468.6	405.4	347.8
-52.5°	649.0	641.7	630.9	610.3	580.4	545.4	516.7	471.6	424.2	369.6	317.1
-55°	587.1	576.6	567.7	549.2	522.0	489.2	460.4	425.0	380.5	335.7	286.9
-57.5°	529.2	517.9	508.0	490.8	467.4	438.3	410.7	379.5	341.8	301.7	260.0
-60°	473.3	463.1	451.1	436.3	415.5	390.6	365.0	336.5	304.6	268.5	232.9
-62.5°	419.3	409.8	398.2	384.3	367.1	346.2	321.1	296.7	267.5	238.8	205.9
-65°	368.1	359.6	347.4	336.8	321.7	302.7	280.0	257.2	234.8	209.3	179.9
-67.5°	319.5	311.9	302.0	291.4	278.0	260.8	239.7	222.5	203.5	179.9	156.8
-70°	272.7	266.0	257.9	248.4	235.7	220.3	205.4	190.2	172.5	154.4	133.7
-72.5°	227.5	222.4	215.5	206.6	196.8	185.3	172.4	158.9	145.2	129.0	110.4
-75°	183.9	180.3	175.4	168.7	160.2	150.6	141.0	130.3	118.0	103.6	89.4
-77.5°	143.9	140.9	136.6	131.7	125.7	118.7	110.8	101.9	91.7	80.9	69.2
-80°	107.2	105.0	101.6	97.0	92.3	86.9	81.7	75.2	67.3	58.5	48.8
-82.5°	74.0	71.6	68.8	65.7	62.9	59.3	54.7	49.1	42.9	36.0	31.7
-85°	44.7	42.8	40.6	38.0	35.1	31.7	29.7	27.6	25.6	23.5	21.2
-87.5°	20.0	19.3	18.6	17.7	16.8	15.9	14.9	13.8	12.8	11.7	10.6
-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°	9.3	8.3	7.0	5.6	3.9	1.9	0.0
85°	18.7	16.6	14.0	11.1	7.8	3.9	0.0
82.5°	28.0	24.8	21.0	16.6	11.7	5.8	0.0
80°	38.4	33.1	28.0	22.2	15.5	7.8	0.0
77.5°	56.5	43.9	35.0	27.7	19.3	9.7	0.0
75°	74.6	59.5	43.0	33.1	23.1	11.6	0.0
72.5°	92.5	75.0	55.8	38.6	26.9	13.4	0.0
70°	110.8	90.4	68.5	44.8	30.5	15.3	0.0
67.5°	131.7	105.6	81.0	54.5	34.2	17.1	0.0
65°	152.5	122.2	93.5	64.0	37.7	18.9	0.0
62.5°	173.2	140.1	105.7	73.5	41.2	20.6	0.0
60°	193.8	157.8	117.9	82.7	44.7	22.3	0.0
57.5°	217.1	175.3	132.1	91.8	50.7	24.0	0.0
55°	240.6	192.6	146.3	100.7	56.6	25.6	0.0
52.5°	263.8	210.1	160.2	109.5	62.4	27.2	0.0
50°	286.5	229.3	173.9	118.0	68.0	28.7	0.0
47.5°	309.6	248.1	187.3	126.7	73.4	30.2	0.0
45°	336.3	266.4	200.3	136.5	78.7	31.6	0.0
42.5°	362.8	284.3	213.0	146.0	83.7	33.0	0.0
40°	389.0	301.7	226.1	154.9	88.6	34.2	0.0
37.5°	414.9	318.6	239.5	163.2	93.2	35.5	0.0
35°	440.5	337.7	252.3	171.0	97.6	36.6	0.0
32.5°	466.6	357.7	264.6	178.2	101.7	37.7	0.0
30°	494.5	377.1	276.3	184.9	105.6	38.7	0.0
27.5°	521.5	395.8	286.0	191.0	109.3	39.6	0.0
25°	547.5	413.7	295.0	196.6	112.7	40.5	0.0
22.5°	572.3	429.7	303.3	201.6	115.8	41.3	0.0
20°	595.9	441.9	311.0	206.1	118.6	42.0	0.0
17.5°	613.6	452.6	317.9	210.0	121.2	42.6	0.0
15°	626.9	461.8	324.0	213.3	123.5	43.2	0.0
12.5°	638.2	469.5	329.4	216.1	125.4	43.6	0.0
10°	647.6	475.8	334.0	218.3	127.1	44.0	0.0
7.5°	655.0	480.5	337.8	220.0	128.5	44.3	0.0
5°	660.4	483.9	340.6	221.1	129.5	44.5	0.0
2.5°	663.7	485.8	342.6	221.7	130.2	44.7	0.0
0°	665.0	486.3	343.7	221.7	130.6	44.7	0.0
-2.5°	663.7	485.8	342.6	221.7	130.2	44.7	0.0
-5°	660.4	483.9	340.6	221.1	129.5	44.5	0.0
-7.5°	655.0	480.5	337.8	220.0	128.5	44.3	0.0
-10°	647.6	475.8	334.0	218.3	127.1	44.0	0.0
-12.5°	638.2	469.5	329.4	216.1	125.4	43.6	0.0
-15°	626.9	461.8	324.0	213.3	123.5	43.2	0.0
-17.5°	613.6	452.6	317.9	210.0	121.2	42.6	0.0
-20°	595.9	441.9	311.0	206.1	118.6	42.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	572.3	429.7	303.3	201.6	115.8	41.3	0.0
-25°	547.5	413.7	295.0	196.6	112.7	40.5	0.0
-27.5°	521.5	395.8	286.0	191.0	109.3	39.6	0.0
-30°	494.5	377.1	276.3	184.9	105.6	38.7	0.0
-32.5°	466.6	357.7	264.6	178.2	101.7	37.7	0.0
-35°	440.5	337.7	252.3	171.0	97.6	36.6	0.0
-37.5°	414.9	318.6	239.5	163.2	93.2	35.5	0.0
-40°	389.0	301.7	226.1	154.9	88.6	34.2	0.0
-42.5°	362.8	284.3	213.0	146.0	83.7	33.0	0.0
-45°	336.3	266.4	200.3	136.5	78.7	31.6	0.0
-47.5°	309.6	248.1	187.3	126.7	73.4	30.2	0.0
-50°	286.5	229.3	173.9	118.0	68.0	28.7	0.0
-52.5°	263.8	210.1	160.2	109.5	62.4	27.2	0.0
-55°	240.6	192.6	146.3	100.7	56.6	25.6	0.0
-57.5°	217.1	175.3	132.1	91.8	50.7	24.0	0.0
-60°	193.8	157.8	117.9	82.7	44.7	22.3	0.0
-62.5°	173.2	140.1	105.7	73.5	41.2	20.6	0.0
-65°	152.5	122.2	93.5	64.0	37.7	18.9	0.0
-67.5°	131.7	105.6	81.0	54.5	34.2	17.1	0.0
-70°	110.8	90.4	68.5	44.8	30.5	15.3	0.0
-72.5°	92.5	75.0	55.8	38.6	26.9	13.4	0.0
-75°	74.6	59.5	43.0	33.1	23.1	11.6	0.0
-77.5°	56.5	43.9	35.0	27.7	19.3	9.7	0.0
-80°	38.4	33.1	28.0	22.2	15.5	7.8	0.0
-82.5°	28.0	24.8	21.0	16.6	11.7	5.8	0.0
-85°	18.7	16.6	14.0	11.1	7.8	3.9	0.0
-87.5°	9.3	8.3	7.0	5.6	3.9	1.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)