

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: P559150 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-935-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559150 (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-SA6B-935-U-NAT-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (96) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

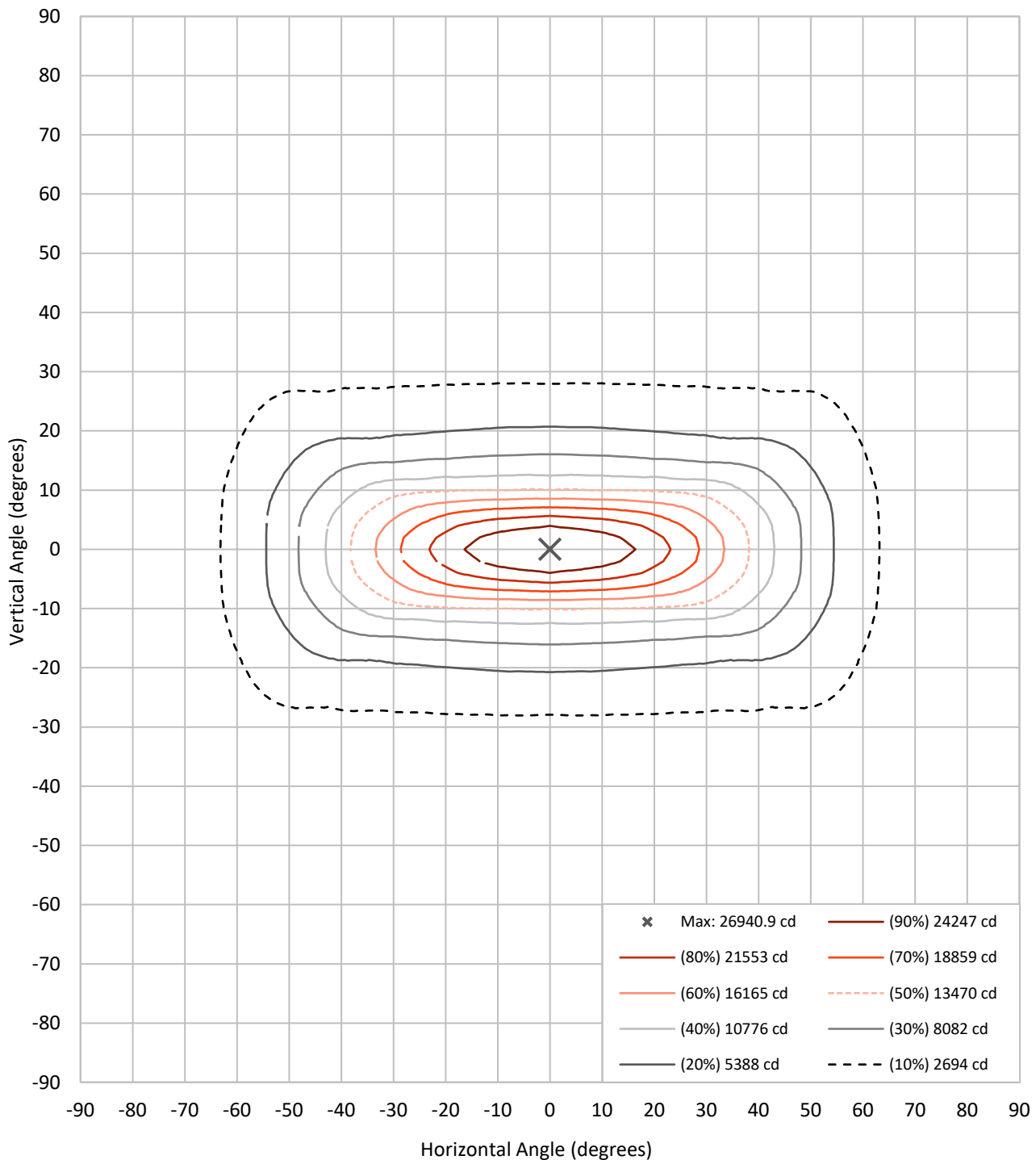
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	19294.6 lumens	Max Intensity:	26940.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	104.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	7719.7 lumens	Field Lumens:	15813.9 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 185
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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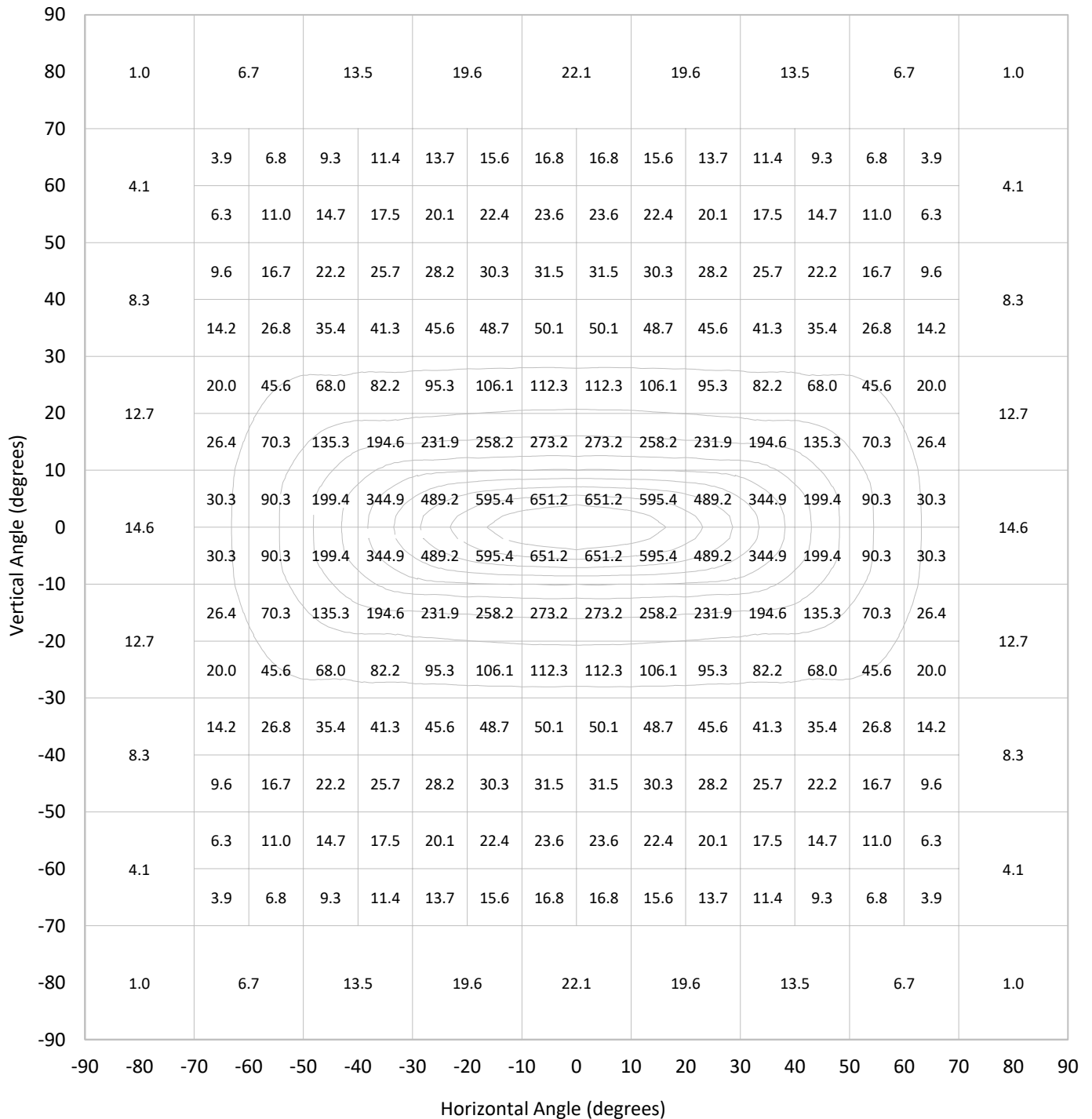
Iso-Candela Plot





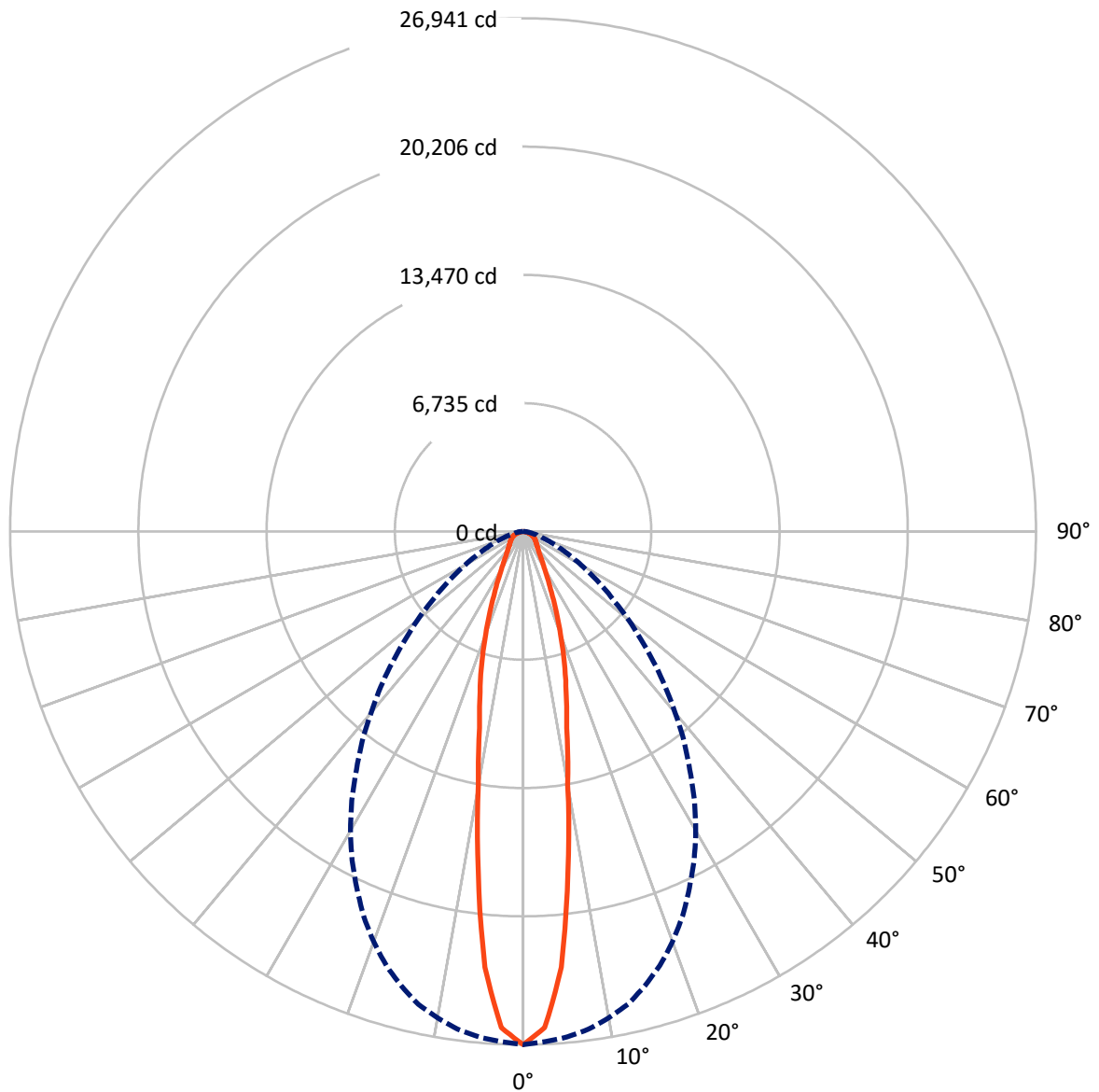
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Lumen Table



REPORT NUMBER: P559150 (CONVERTED FROM TYPE C PHOTOMETRY)
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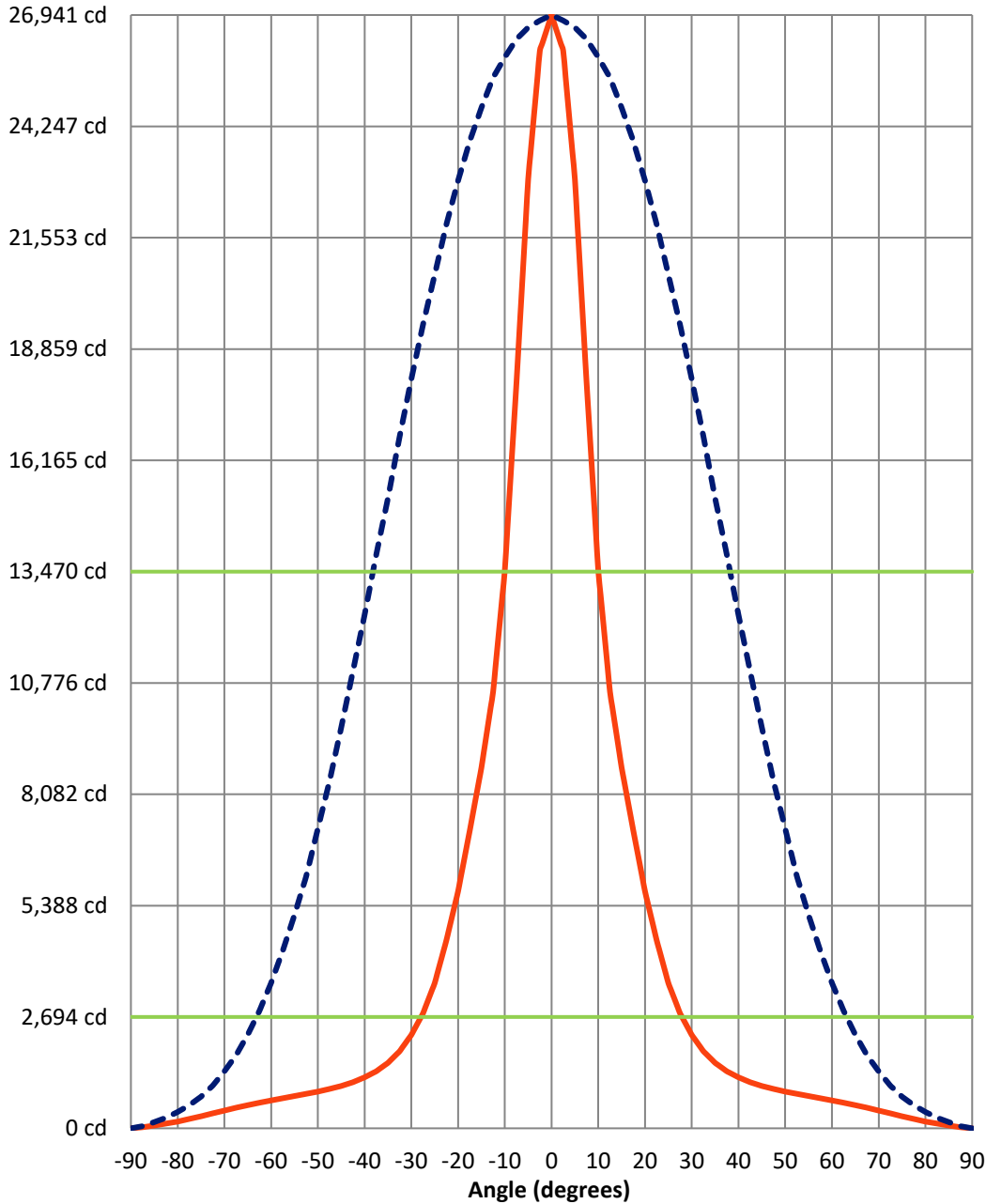
Luminous Intensity Polar Plot



— 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: 7719.7
 Efficiency: 40.0%

Field:
 H Angle: 126.3°
 V Angle: 55.8°
 Lumens: 15813.9
 Efficiency: 82.0%

Spill:
 Lumens: 3480.7
 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	2.2	4.5	6.4	8.1	9.5	10.7	12.2	13.5	14.8	15.9
85°	0.0	4.5	8.9	12.8	16.1	19.0	21.5	24.4	27.0	29.5	31.8
82.5°	0.0	6.7	13.4	19.1	24.2	28.5	32.2	36.5	41.4	49.4	56.6
80°	0.0	8.9	17.8	25.5	32.2	38.0	44.2	56.2	67.3	77.4	86.5
77.5°	0.0	11.1	22.2	31.8	40.2	50.5	65.0	79.6	93.2	105.5	117.2
75°	0.0	13.3	26.6	38.1	49.4	68.4	85.8	102.9	119.3	135.8	149.9
72.5°	0.0	15.5	30.9	44.3	64.2	86.3	106.5	127.1	148.5	167.0	182.8
70°	0.0	17.6	35.1	51.5	78.8	104.0	127.5	153.8	177.7	198.4	218.8
67.5°	0.0	19.7	39.3	62.6	93.2	121.6	151.5	180.5	207.0	234.1	256.0
65°	0.0	21.7	43.4	73.7	107.6	140.6	175.5	207.1	240.8	270.1	295.9
62.5°	0.0	23.7	47.4	84.5	121.7	161.2	199.3	236.9	274.7	307.7	341.3
60°	0.0	25.7	51.4	95.2	135.6	181.6	223.0	268.0	308.8	350.4	387.1
57.5°	0.0	27.6	58.3	105.7	152.0	201.7	249.8	299.1	347.0	393.2	436.6
55°	0.0	29.5	65.1	115.9	168.3	221.7	276.8	330.0	386.1	437.7	488.9
52.5°	0.0	31.3	71.8	126.0	184.4	241.8	303.4	364.7	425.1	488.0	542.6
50°	0.0	33.0	78.2	135.8	200.1	263.8	329.6	400.1	466.4	539.1	606.4
47.5°	0.0	34.7	84.5	145.8	215.5	285.4	356.2	435.5	513.5	591.1	673.6
45°	0.0	36.3	90.5	157.1	230.5	306.5	386.9	471.1	561.7	654.5	743.1
42.5°	0.0	37.9	96.3	168.1	245.1	327.1	417.4	510.5	609.9	719.4	822.4
40°	0.0	39.4	101.9	178.3	260.2	347.1	447.5	552.2	661.3	785.6	905.7
37.5°	0.0	40.8	107.2	187.8	275.5	366.5	477.3	593.5	719.7	855.0	991.9
35°	0.0	42.1	112.2	196.7	290.3	388.5	506.7	634.1	777.8	931.8	1085.1
32.5°	0.0	43.3	117.0	205.0	304.4	411.6	536.7	674.0	835.5	1009.6	1187.7
30°	0.0	44.5	121.5	212.7	317.9	433.9	568.9	715.1	892.6	1088.1	1292.6
27.5°	0.0	45.6	125.7	219.7	329.1	455.3	600.0	761.6	952.4	1166.9	1399.4
25°	0.0	46.6	129.6	226.2	339.4	475.9	629.8	806.7	1016.8	1252.6	1507.9
22.5°	0.0	47.5	133.2	231.9	349.0	494.3	658.4	850.3	1080.0	1341.3	1626.4
20°	0.0	48.3	136.5	237.1	357.8	508.3	685.5	892.1	1141.6	1428.8	1744.0
17.5°	0.0	49.0	139.4	241.6	365.7	520.6	705.9	931.8	1201.1	1514.2	1859.6
15°	0.0	49.6	142.0	245.4	372.8	531.2	721.2	963.1	1258.0	1597.0	1972.2
12.5°	0.0	50.2	144.3	248.6	379.0	540.1	734.2	983.5	1298.8	1676.4	2080.9
10°	0.0	50.6	146.2	251.1	384.3	547.3	745.1	1000.3	1325.0	1713.8	2165.7
7.5°	0.0	51.0	147.7	253.0	388.6	552.9	753.6	1013.6	1346.0	1738.4	2204.1
5°	0.0	51.2	148.9	254.3	391.9	556.7	759.8	1023.4	1362.0	1755.4	2233.9
2.5°	0.0	51.4	149.8	255.0	394.2	558.9	763.6	1029.5	1372.6	1765.0	2254.5
0°	0.0	51.4	150.2	255.0	395.4	559.5	765.1	1031.9	1377.9	1767.3	2265.5
-2.5°	0.0	51.4	149.8	255.0	394.2	558.9	763.6	1029.5	1372.6	1765.0	2254.5
-5°	0.0	51.2	148.9	254.3	391.9	556.7	759.8	1023.4	1362.0	1755.4	2233.9
-7.5°	0.0	51.0	147.7	253.0	388.6	552.9	753.6	1013.6	1346.0	1738.4	2204.1
-10°	0.0	50.6	146.2	251.1	384.3	547.3	745.1	1000.3	1325.0	1713.8	2165.7
-12.5°	0.0	50.2	144.3	248.6	379.0	540.1	734.2	983.5	1298.8	1676.4	2080.9
-15°	0.0	49.6	142.0	245.4	372.8	531.2	721.2	963.1	1258.0	1597.0	1972.2
-17.5°	0.0	49.0	139.4	241.6	365.7	520.6	705.9	931.8	1201.1	1514.2	1859.6
-20°	0.0	48.3	136.5	237.1	357.8	508.3	685.5	892.1	1141.6	1428.8	1744.0



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 CATALOG NUMBER: GFLD-SA6B-935-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	47.5	133.2	231.9	349.0	494.3	658.4	850.3	1080.0	1341.3	1626.4
-25°	0.0	46.6	129.6	226.2	339.4	475.9	629.8	806.7	1016.8	1252.6	1507.9
-27.5°	0.0	45.6	125.7	219.7	329.1	455.3	600.0	761.6	952.4	1166.9	1399.4
-30°	0.0	44.5	121.5	212.7	317.9	433.9	568.9	715.1	892.6	1088.1	1292.6
-32.5°	0.0	43.3	117.0	205.0	304.4	411.6	536.7	674.0	835.5	1009.6	1187.7
-35°	0.0	42.1	112.2	196.7	290.3	388.5	506.7	634.1	777.8	931.8	1085.1
-37.5°	0.0	40.8	107.2	187.8	275.5	366.5	477.3	593.5	719.7	855.0	991.9
-40°	0.0	39.4	101.9	178.3	260.2	347.1	447.5	552.2	661.3	785.6	905.7
-42.5°	0.0	37.9	96.3	168.1	245.1	327.1	417.4	510.5	609.9	719.4	822.4
-45°	0.0	36.3	90.5	157.1	230.5	306.5	386.9	471.1	561.7	654.5	743.1
-47.5°	0.0	34.7	84.5	145.8	215.5	285.4	356.2	435.5	513.5	591.1	673.6
-50°	0.0	33.0	78.2	135.8	200.1	263.8	329.6	400.1	466.4	539.1	606.4
-52.5°	0.0	31.3	71.8	126.0	184.4	241.8	303.4	364.7	425.1	488.0	542.6
-55°	0.0	29.5	65.1	115.9	168.3	221.7	276.8	330.0	386.1	437.7	488.9
-57.5°	0.0	27.6	58.3	105.7	152.0	201.7	249.8	299.1	347.0	393.2	436.6
-60°	0.0	25.7	51.4	95.2	135.6	181.6	223.0	268.0	308.8	350.4	387.1
-62.5°	0.0	23.7	47.4	84.5	121.7	161.2	199.3	236.9	274.7	307.7	341.3
-65°	0.0	21.7	43.4	73.7	107.6	140.6	175.5	207.1	240.8	270.1	295.9
-67.5°	0.0	19.7	39.3	62.6	93.2	121.6	151.5	180.5	207.0	234.1	256.0
-70°	0.0	17.6	35.1	51.5	78.8	104.0	127.5	153.8	177.7	198.4	218.8
-72.5°	0.0	15.5	30.9	44.3	64.2	86.3	106.5	127.1	148.5	167.0	182.8
-75°	0.0	13.3	26.6	38.1	49.4	68.4	85.8	102.9	119.3	135.8	149.9
-77.5°	0.0	11.1	22.2	31.8	40.2	50.5	65.0	79.6	93.2	105.5	117.2
-80°	0.0	8.9	17.8	25.5	32.2	38.0	44.2	56.2	67.3	77.4	86.5
-82.5°	0.0	6.7	13.4	19.1	24.2	28.5	32.2	36.5	41.4	49.4	56.6
-85°	0.0	4.5	8.9	12.8	16.1	19.0	21.5	24.4	27.0	29.5	31.8
-87.5°	0.0	2.2	4.5	6.4	8.1	9.5	10.7	12.2	13.5	14.8	15.9
-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: P559150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-935-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°	17.1	18.3	19.4	20.4	21.4	22.2	23.0	23.8	24.8	25.7	26.7
85°	34.2	36.6	40.5	43.7	46.7	49.3	51.5	53.3	55.2	56.8	58.0
82.5°	62.9	68.2	72.4	75.6	79.2	82.4	85.1	87.5	89.9	92.2	94.2
80°	94.0	100.0	106.2	111.5	116.8	120.8	123.3	124.4	127.5	131.5	135.6
77.5°	127.5	136.6	144.6	151.5	157.1	162.1	165.6	167.8	172.8	178.5	183.5
75°	162.2	173.2	184.3	194.0	201.7	207.4	211.5	215.0	221.0	228.5	235.0
72.5°	198.3	213.2	226.3	237.6	247.9	255.8	261.7	265.5	271.5	280.4	287.6
70°	236.3	253.4	271.2	285.8	296.7	306.1	313.7	319.0	324.4	333.5	340.2
67.5°	275.7	300.1	319.8	335.2	347.5	358.8	367.5	373.2	375.6	384.7	392.3
65°	322.1	348.2	370.1	387.5	399.7	413.8	423.5	428.3	429.8	439.7	449.1
62.5°	369.4	398.2	422.3	442.1	458.1	471.4	482.3	488.5	489.5	496.9	507.6
60°	419.9	449.4	478.0	501.9	518.9	532.7	544.6	551.1	552.4	555.3	567.6
57.5°	472.4	504.3	537.7	564.6	584.5	595.9	608.8	616.0	618.9	617.1	629.7
55°	529.6	562.8	600.5	631.8	653.1	663.4	675.5	685.8	689.3	687.0	694.5
52.5°	594.5	627.5	667.7	702.1	725.8	738.2	746.8	759.1	764.8	762.2	760.8
50°	662.6	704.1	737.3	776.7	805.3	821.6	821.8	837.2	844.6	842.4	832.2
47.5°	739.7	786.5	811.7	856.7	893.9	913.1	914.4	920.5	929.7	932.1	923.4
45°	823.0	880.1	907.2	947.4	989.0	1012.6	1019.7	1008.6	1025.1	1030.2	1024.6
42.5°	910.7	983.6	1026.4	1042.6	1091.1	1123.8	1136.4	1128.7	1127.9	1139.3	1139.1
40°	1012.1	1095.8	1159.9	1176.9	1201.4	1246.5	1273.2	1271.8	1241.9	1263.2	1268.8
37.5°	1120.4	1229.2	1308.5	1343.8	1325.2	1385.4	1424.5	1440.3	1421.7	1400.7	1424.6
35°	1234.4	1371.9	1478.8	1538.9	1541.6	1540.2	1601.5	1634.3	1636.6	1598.2	1606.8
32.5°	1362.0	1523.4	1665.0	1762.3	1806.4	1779.1	1795.1	1864.1	1897.9	1883.2	1828.0
30°	1499.0	1697.0	1870.7	2007.9	2106.6	2135.7	2069.9	2123.8	2198.7	2228.5	2204.5
27.5°	1637.6	1881.2	2101.5	2291.7	2444.6	2541.6	2543.9	2460.7	2545.7	2617.7	2645.6
25°	1778.3	2065.6	2346.2	2604.1	2835.5	3002.2	3078.8	3087.8	2968.9	3077.0	3177.6
22.5°	1928.3	2255.3	2588.3	2936.7	3259.3	3503.9	3689.8	3801.9	3798.2	3684.9	3773.3
20°	2087.1	2461.8	2849.6	3262.8	3702.7	4039.0	4350.6	4588.9	4732.3	4780.0	4687.1
17.5°	2245.5	2670.1	3123.8	3616.0	4125.0	4591.2	5058.1	5438.4	5739.6	5986.9	6075.4
15°	2402.0	2877.9	3399.1	3971.6	4559.8	5143.3	5743.7	6326.0	6838.6	7291.2	7559.4
12.5°	2554.8	3082.9	3672.2	4325.6	5000.6	5703.0	6419.4	7128.8	7867.3	8600.3	9157.4
10°	2702.3	3282.4	3939.7	4673.4	5441.1	6262.6	7093.9	7935.8	8833.0	9697.4	10529.7
7.5°	2765.3	3412.9	4170.2	5010.3	5874.1	6813.5	7758.2	8735.6	9783.8	10792.6	11808.8
5°	2804.2	3464.7	4234.9	5110.2	6071.1	7173.0	8300.3	9510.9	10707.1	11868.5	13066.0
2.5°	2830.0	3500.1	4278.1	5149.6	6100.5	7232.1	8373.5	9630.6	10972.7	12315.5	13741.1
0°	2842.8	3518.8	4299.7	5161.6	6096.7	7251.2	8401.7	9698.6	11058.7	12424.7	13883.6
-2.5°	2830.0	3500.1	4278.1	5149.6	6100.5	7232.1	8373.5	9630.6	10972.7	12315.5	13741.1
-5°	2804.2	3464.7	4234.9	5110.2	6071.1	7173.0	8300.3	9510.9	10707.1	11868.5	13066.0
-7.5°	2765.3	3412.9	4170.2	5010.3	5874.1	6813.5	7758.2	8735.6	9783.8	10792.6	11808.8
-10°	2702.3	3282.4	3939.7	4673.4	5441.1	6262.6	7093.9	7935.8	8833.0	9697.4	10529.7
-12.5°	2554.8	3082.9	3672.2	4325.6	5000.6	5703.0	6419.4	7128.8	7867.3	8600.3	9157.4
-15°	2402.0	2877.9	3399.1	3971.6	4559.8	5143.3	5743.7	6326.0	6838.6	7291.2	7559.4
-17.5°	2245.5	2670.1	3123.8	3616.0	4125.0	4591.2	5058.1	5438.4	5739.6	5986.9	6075.4
-20°	2087.1	2461.8	2849.6	3262.8	3702.7	4039.0	4350.6	4588.9	4732.3	4780.0	4687.1



REPORT NUMBER: P559150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-935-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°	1928.3	2255.3	2588.3	2936.7	3259.3	3503.9	3689.8	3801.9	3798.2	3684.9	3773.3
-25°	1778.3	2065.6	2346.2	2604.1	2835.5	3002.2	3078.8	3087.8	2968.9	3077.0	3177.6
-27.5°	1637.6	1881.2	2101.5	2291.7	2444.6	2541.6	2543.9	2460.7	2545.7	2617.7	2645.6
-30°	1499.0	1697.0	1870.7	2007.9	2106.6	2135.7	2069.9	2123.8	2198.7	2228.5	2204.5
-32.5°	1362.0	1523.4	1665.0	1762.3	1806.4	1779.1	1795.1	1864.1	1897.9	1883.2	1828.0
-35°	1234.4	1371.9	1478.8	1538.9	1541.6	1540.2	1601.5	1634.3	1636.6	1598.2	1606.8
-37.5°	1120.4	1229.2	1308.5	1343.8	1325.2	1385.4	1424.5	1440.3	1421.7	1400.7	1424.6
-40°	1012.1	1095.8	1159.9	1176.9	1201.4	1246.5	1273.2	1271.8	1241.9	1263.2	1268.8
-42.5°	910.7	983.6	1026.4	1042.6	1091.1	1123.8	1136.4	1128.7	1127.9	1139.3	1139.1
-45°	823.0	880.1	907.2	947.4	989.0	1012.6	1019.7	1008.6	1025.1	1030.2	1024.6
-47.5°	739.7	786.5	811.7	856.7	893.9	913.1	914.4	920.5	929.7	932.1	923.4
-50°	662.6	704.1	737.3	776.7	805.3	821.6	821.8	837.2	844.6	842.4	832.2
-52.5°	594.5	627.5	667.7	702.1	725.8	738.2	746.8	759.1	764.8	762.2	760.8
-55°	529.6	562.8	600.5	631.8	653.1	663.4	675.5	685.8	689.3	687.0	694.5
-57.5°	472.4	504.3	537.7	564.6	584.5	595.9	608.8	616.0	618.9	617.1	629.7
-60°	419.9	449.4	478.0	501.9	518.9	532.7	544.6	551.1	552.4	555.3	567.6
-62.5°	369.4	398.2	422.3	442.1	458.1	471.4	482.3	488.5	489.5	496.9	507.6
-65°	322.1	348.2	370.1	387.5	399.7	413.8	423.5	428.3	429.8	439.7	449.1
-67.5°	275.7	300.1	319.8	335.2	347.5	358.8	367.5	373.2	375.6	384.7	392.3
-70°	236.3	253.4	271.2	285.8	296.7	306.1	313.7	319.0	324.4	333.5	340.2
-72.5°	198.3	213.2	226.3	237.6	247.9	255.8	261.7	265.5	271.5	280.4	287.6
-75°	162.2	173.2	184.3	194.0	201.7	207.4	211.5	215.0	221.0	228.5	235.0
-77.5°	127.5	136.6	144.6	151.5	157.1	162.1	165.6	167.8	172.8	178.5	183.5
-80°	94.0	100.0	106.2	111.5	116.8	120.8	123.3	124.4	127.5	131.5	135.6
-82.5°	62.9	68.2	72.4	75.6	79.2	82.4	85.1	87.5	89.9	92.2	94.2
-85°	34.2	36.6	40.5	43.7	46.7	49.3	51.5	53.3	55.2	56.8	58.0
-87.5°	17.1	18.3	19.4	20.4	21.4	22.2	23.0	23.8	24.8	25.7	26.7
-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: P559150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-935-U-NAT-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°	27.5	27.1	26.6	25.9	25.1	25.1	25.1	25.0	24.8	24.6	24.3
85°	58.8	59.9	61.0	62.1	63.1	64.1	65.0	65.7	66.2	66.2	65.9
82.5°	95.8	99.0	102.2	105.3	108.1	109.6	110.7	111.4	111.8	112.7	113.4
80°	139.1	143.8	148.2	151.8	154.7	156.9	158.7	160.0	161.1	162.2	163.0
77.5°	188.2	193.4	198.5	202.8	206.6	210.1	213.1	215.5	217.3	220.1	222.6
75°	240.3	246.3	252.5	258.0	263.0	268.1	273.3	278.0	282.2	285.7	288.4
72.5°	293.1	299.3	307.0	314.1	320.7	327.7	334.6	340.6	345.9	350.8	355.2
70°	345.2	351.1	360.9	370.3	379.2	387.6	395.9	403.4	410.0	416.3	422.1
67.5°	399.0	405.1	417.3	428.3	438.1	447.4	457.1	465.7	473.2	479.9	485.8
65°	456.4	461.8	475.0	487.0	497.4	506.0	516.5	525.9	534.3	541.8	548.0
62.5°	515.8	521.2	532.1	543.9	553.8	562.1	574.4	585.0	594.1	601.6	607.8
60°	576.0	580.7	589.1	602.1	613.2	622.2	633.0	643.4	652.2	659.6	666.2
57.5°	638.6	643.3	647.3	660.4	671.0	679.3	688.8	698.9	707.4	714.4	721.2
55°	703.2	706.8	705.6	717.7	727.6	734.4	741.5	752.2	760.5	766.7	773.0
52.5°	769.3	773.6	770.6	775.7	786.6	792.7	795.8	807.3	815.9	821.5	827.2
50°	842.9	846.3	843.6	840.7	851.3	857.6	859.4	868.7	876.5	880.8	884.8
47.5°	922.6	926.8	924.7	913.2	922.6	930.6	930.8	934.8	942.9	946.2	948.6
45°	1009.4	1017.6	1015.9	1007.8	1006.5	1014.7	1013.9	1010.7	1020.1	1024.2	1025.5
42.5°	1123.3	1120.6	1123.1	1118.5	1104.2	1113.4	1114.6	1102.9	1114.6	1119.6	1116.7
40°	1262.6	1237.1	1251.2	1249.2	1235.7	1233.7	1241.0	1231.4	1233.2	1240.5	1234.9
37.5°	1428.4	1410.2	1402.7	1408.9	1405.0	1387.8	1401.5	1398.1	1387.3	1399.5	1394.2
35°	1632.5	1627.1	1586.2	1611.1	1616.2	1599.9	1604.6	1611.7	1588.2	1606.7	1604.8
32.5°	1871.2	1883.3	1874.5	1859.1	1882.4	1885.4	1858.4	1890.8	1877.8	1882.4	1895.1
30°	2141.5	2203.5	2233.7	2206.7	2221.2	2250.1	2236.9	2259.4	2270.1	2253.2	2285.1
27.5°	2613.7	2591.7	2664.0	2695.5	2661.8	2714.5	2752.7	2735.8	2791.7	2758.6	2805.9
25°	3213.8	3181.5	3200.8	3304.8	3327.9	3301.2	3408.9	3421.6	3466.0	3471.4	3504.4
22.5°	3918.8	3996.8	3987.7	4019.4	4150.0	4193.8	4233.6	4337.2	4313.5	4407.5	4423.8
20°	4707.1	4903.2	5038.4	5066.7	5122.6	5272.8	5341.8	5423.5	5478.4	5567.4	5642.5
17.5°	6040.7	5940.2	6205.2	6371.6	6459.2	6490.5	6671.4	6730.4	6866.3	6944.0	7021.1
15°	7752.9	7811.5	7691.8	7850.5	8118.6	8209.1	8105.1	8348.1	8416.4	8547.2	8570.4
12.5°	9582.9	9879.2	10024.4	10063.9	9923.8	10305.2	10457.9	10266.2	10483.7	10444.5	10623.4
10°	11329.2	12049.0	12479.8	12783.0	12967.2	13078.2	13188.5	13386.6	13390.1	13537.0	13451.2
7.5°	12762.8	13675.4	14547.3	15393.1	16069.6	16448.9	16746.6	17032.2	17413.4	17595.9	17714.5
5°	14165.4	15218.3	16261.6	17286.7	18215.2	19108.4	19983.8	20743.2	21145.5	21615.8	22035.1
2.5°	15072.6	16404.4	17736.7	19056.3	20129.1	21113.4	22024.5	22870.8	23613.1	24299.8	24879.8
0°	15249.6	16740.2	18130.0	19446.6	20654.4	21870.2	22931.8	23888.6	24697.1	25426.6	25918.9
-2.5°	15072.6	16404.4	17736.7	19056.3	20129.1	21113.4	22024.5	22870.8	23613.1	24299.8	24879.8
-5°	14165.4	15218.3	16261.6	17286.7	18215.2	19108.4	19983.8	20743.2	21145.5	21615.8	22035.1
-7.5°	12762.8	13675.4	14547.3	15393.1	16069.6	16448.9	16746.6	17032.2	17413.4	17595.9	17714.5
-10°	11329.2	12049.0	12479.8	12783.0	12967.2	13078.2	13188.5	13386.6	13390.1	13537.0	13451.2
-12.5°	9582.9	9879.2	10024.4	10063.9	9923.8	10305.2	10457.9	10266.2	10483.7	10444.5	10623.4
-15°	7752.9	7811.5	7691.8	7850.5	8118.6	8209.1	8105.1	8348.1	8416.4	8547.2	8570.4
-17.5°	6040.7	5940.2	6205.2	6371.6	6459.2	6490.5	6671.4	6730.4	6866.3	6944.0	7021.1
-20°	4707.1	4903.2	5038.4	5066.7	5122.6	5272.8	5341.8	5423.5	5478.4	5567.4	5642.5



REPORT NUMBER: P559150 (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°	3918.8	3996.8	3987.7	4019.4	4150.0	4193.8	4233.6	4337.2	4313.5	4407.5	4423.8
-25°	3213.8	3181.5	3200.8	3304.8	3327.9	3301.2	3408.9	3421.6	3466.0	3471.4	3504.4
-27.5°	2613.7	2591.7	2664.0	2695.5	2661.8	2714.5	2752.7	2735.8	2791.7	2758.6	2805.9
-30°	2141.5	2203.5	2233.7	2206.7	2221.2	2250.1	2236.9	2259.4	2270.1	2253.2	2285.1
-32.5°	1871.2	1883.3	1874.5	1859.1	1882.4	1885.4	1858.4	1890.8	1877.8	1882.4	1895.1
-35°	1632.5	1627.1	1586.2	1611.1	1616.2	1599.9	1604.6	1611.7	1588.2	1606.7	1604.8
-37.5°	1428.4	1410.2	1402.7	1408.9	1405.0	1387.8	1401.5	1398.1	1387.3	1399.5	1394.2
-40°	1262.6	1237.1	1251.2	1249.2	1235.7	1233.7	1241.0	1231.4	1233.2	1240.5	1234.9
-42.5°	1123.3	1120.6	1123.1	1118.5	1104.2	1113.4	1114.6	1102.9	1114.6	1119.6	1116.7
-45°	1009.4	1017.6	1015.9	1007.8	1006.5	1014.7	1013.9	1010.7	1020.1	1024.2	1025.5
-47.5°	922.6	926.8	924.7	913.2	922.6	930.6	930.8	934.8	942.9	946.2	948.6
-50°	842.9	846.3	843.6	840.7	851.3	857.6	859.4	868.7	876.5	880.8	884.8
-52.5°	769.3	773.6	770.6	775.7	786.6	792.7	795.8	807.3	815.9	821.5	827.2
-55°	703.2	706.8	705.6	717.7	727.6	734.4	741.5	752.2	760.5	766.7	773.0
-57.5°	638.6	643.3	647.3	660.4	671.0	679.3	688.8	698.9	707.4	714.4	721.2
-60°	576.0	580.7	589.1	602.1	613.2	622.2	633.0	643.4	652.2	659.6	666.2
-62.5°	515.8	521.2	532.1	543.9	553.8	562.1	574.4	585.0	594.1	601.6	607.8
-65°	456.4	461.8	475.0	487.0	497.4	506.0	516.5	525.9	534.3	541.8	548.0
-67.5°	399.0	405.1	417.3	428.3	438.1	447.4	457.1	465.7	473.2	479.9	485.8
-70°	345.2	351.1	360.9	370.3	379.2	387.6	395.9	403.4	410.0	416.3	422.1
-72.5°	293.1	299.3	307.0	314.1	320.7	327.7	334.6	340.6	345.9	350.8	355.2
-75°	240.3	246.3	252.5	258.0	263.0	268.1	273.3	278.0	282.2	285.7	288.4
-77.5°	188.2	193.4	198.5	202.8	206.6	210.1	213.1	215.5	217.3	220.1	222.6
-80°	139.1	143.8	148.2	151.8	154.7	156.9	158.7	160.0	161.1	162.2	163.0
-82.5°	95.8	99.0	102.2	105.3	108.1	109.6	110.7	111.4	111.8	112.7	113.4
-85°	58.8	59.9	61.0	62.1	63.1	64.1	65.0	65.7	66.2	66.2	65.9
-87.5°	27.5	27.1	26.6	25.9	25.1	25.1	25.1	25.0	24.8	24.6	24.3
-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: P559150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-935-U-NAT-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°	24.0	23.6	24.7	25.7	24.7	23.6	24.0	24.3	24.6	24.8	25.0
85°	65.5	64.9	66.1	67.2	66.1	64.9	65.5	65.9	66.2	66.2	65.7
82.5°	113.9	114.1	114.6	114.7	114.6	114.1	113.9	113.4	112.7	111.8	111.4
80°	163.4	163.4	162.9	162.1	162.9	163.4	163.4	163.0	162.2	161.1	160.0
77.5°	224.6	226.1	227.0	227.3	227.0	226.1	224.6	222.6	220.1	217.3	215.5
75°	290.2	291.1	291.3	290.6	291.3	291.1	290.2	288.4	285.7	282.2	278.0
72.5°	358.9	361.7	362.3	361.8	362.3	361.7	358.9	355.2	350.8	345.9	340.6
70°	426.8	430.6	430.5	429.0	430.5	430.6	426.8	422.1	416.3	410.0	403.4
67.5°	490.4	493.8	496.5	498.2	496.5	493.8	490.4	485.8	479.9	473.2	465.7
65°	553.1	556.8	558.9	559.5	558.9	556.8	553.1	548.0	541.8	534.3	525.9
62.5°	612.7	616.1	618.1	618.8	618.1	616.1	612.7	607.8	601.6	594.1	585.0
60°	671.4	675.1	675.7	674.1	675.7	675.1	671.4	666.2	659.6	652.2	643.4
57.5°	726.5	730.3	730.2	727.5	730.2	730.3	726.5	721.2	714.4	707.4	698.9
55°	777.5	780.2	781.3	780.9	781.3	780.2	777.5	773.0	766.7	760.5	752.2
52.5°	831.4	833.6	834.6	834.2	834.6	833.6	831.4	827.2	821.5	815.9	807.3
50°	887.7	888.0	887.9	887.6	887.9	888.0	887.7	884.8	880.8	876.5	868.7
47.5°	952.1	952.7	952.9	952.9	952.9	952.7	952.1	948.6	946.2	942.9	934.8
45°	1028.1	1026.0	1023.9	1024.0	1023.9	1026.0	1028.1	1025.5	1024.2	1020.1	1010.7
42.5°	1119.4	1117.1	1114.2	1115.0	1114.2	1117.1	1119.4	1116.7	1119.6	1114.6	1102.9
40°	1239.7	1239.1	1235.0	1233.6	1235.0	1239.1	1239.7	1234.9	1240.5	1233.2	1231.4
37.5°	1395.0	1392.7	1383.7	1379.9	1383.7	1392.7	1395.0	1394.2	1399.5	1387.3	1398.1
35°	1599.3	1596.2	1582.4	1583.5	1582.4	1596.2	1599.3	1604.8	1606.7	1588.2	1611.7
32.5°	1888.8	1889.8	1869.0	1864.2	1869.0	1889.8	1888.8	1895.1	1882.4	1877.8	1890.8
30°	2265.3	2273.6	2249.0	2259.6	2249.0	2273.6	2265.3	2285.1	2253.2	2270.1	2259.4
27.5°	2804.9	2820.7	2799.0	2781.5	2799.0	2820.7	2804.9	2805.9	2758.6	2791.7	2735.8
25°	3547.7	3559.4	3534.6	3512.9	3534.6	3559.4	3547.7	3504.4	3471.4	3466.0	3421.6
22.5°	4514.5	4513.8	4512.6	4546.8	4512.6	4513.8	4514.5	4423.8	4407.5	4313.5	4337.2
20°	5691.1	5662.6	5705.3	5732.9	5705.3	5662.6	5691.1	5642.5	5567.4	5478.4	5423.5
17.5°	7039.0	7092.4	7133.4	7201.8	7133.4	7092.4	7039.0	7021.1	6944.0	6866.3	6730.4
15°	8628.3	8708.9	8749.9	8727.9	8749.9	8708.9	8628.3	8570.4	8547.2	8416.4	8348.1
12.5°	10629.7	10725.9	10654.9	10566.4	10654.9	10725.9	10629.7	10623.4	10444.5	10483.7	10266.2
10°	13452.4	13659.7	13671.3	13498.1	13671.3	13659.7	13452.4	13451.2	13537.0	13390.1	13386.6
7.5°	17783.4	17884.1	18037.1	18044.9	18037.1	17884.1	17783.4	17714.5	17595.9	17413.4	17032.2
5°	22225.1	22493.4	22666.3	22965.4	22666.3	22493.4	22225.1	22035.1	21615.8	21145.5	20743.2
2.5°	25254.3	25601.1	25734.2	26073.0	25734.2	25601.1	25254.3	24879.8	24299.8	23613.1	22870.8
0°	26357.7	26638.4	26806.5	26940.9	26806.5	26638.4	26357.7	25918.9	25426.6	24697.1	23888.6
-2.5°	25254.3	25601.1	25734.2	26073.0	25734.2	25601.1	25254.3	24879.8	24299.8	23613.1	22870.8
-5°	22225.1	22493.4	22666.3	22965.4	22666.3	22493.4	22225.1	22035.1	21615.8	21145.5	20743.2
-7.5°	17783.4	17884.1	18037.1	18044.9	18037.1	17884.1	17783.4	17714.5	17595.9	17413.4	17032.2
-10°	13452.4	13659.7	13671.3	13498.1	13671.3	13659.7	13452.4	13451.2	13537.0	13390.1	13386.6
-12.5°	10629.7	10725.9	10654.9	10566.4	10654.9	10725.9	10629.7	10623.4	10444.5	10483.7	10266.2
-15°	8628.3	8708.9	8749.9	8727.9	8749.9	8708.9	8628.3	8570.4	8547.2	8416.4	8348.1
-17.5°	7039.0	7092.4	7133.4	7201.8	7133.4	7092.4	7039.0	7021.1	6944.0	6866.3	6730.4
-20°	5691.1	5662.6	5705.3	5732.9	5705.3	5662.6	5691.1	5642.5	5567.4	5478.4	5423.5



REPORT NUMBER: P559150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-935-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°	4514.5	4513.8	4512.6	4546.8	4512.6	4513.8	4514.5	4423.8	4407.5	4313.5	4337.2
-25°	3547.7	3559.4	3534.6	3512.9	3534.6	3559.4	3547.7	3504.4	3471.4	3466.0	3421.6
-27.5°	2804.9	2820.7	2799.0	2781.5	2799.0	2820.7	2804.9	2805.9	2758.6	2791.7	2735.8
-30°	2265.3	2273.6	2249.0	2259.6	2249.0	2273.6	2265.3	2285.1	2253.2	2270.1	2259.4
-32.5°	1888.8	1889.8	1869.0	1864.2	1869.0	1889.8	1888.8	1895.1	1882.4	1877.8	1890.8
-35°	1599.3	1596.2	1582.4	1583.5	1582.4	1596.2	1599.3	1604.8	1606.7	1588.2	1611.7
-37.5°	1395.0	1392.7	1383.7	1379.9	1383.7	1392.7	1395.0	1394.2	1399.5	1387.3	1398.1
-40°	1239.7	1239.1	1235.0	1233.6	1235.0	1239.1	1239.7	1234.9	1240.5	1233.2	1231.4
-42.5°	1119.4	1117.1	1114.2	1115.0	1114.2	1117.1	1119.4	1116.7	1119.6	1114.6	1102.9
-45°	1028.1	1026.0	1023.9	1024.0	1023.9	1026.0	1028.1	1025.5	1024.2	1020.1	1010.7
-47.5°	952.1	952.7	952.9	952.9	952.9	952.7	952.1	948.6	946.2	942.9	934.8
-50°	887.7	888.0	887.9	887.6	887.9	888.0	887.7	884.8	880.8	876.5	868.7
-52.5°	831.4	833.6	834.6	834.2	834.6	833.6	831.4	827.2	821.5	815.9	807.3
-55°	777.5	780.2	781.3	780.9	781.3	780.2	777.5	773.0	766.7	760.5	752.2
-57.5°	726.5	730.3	730.2	727.5	730.2	730.3	726.5	721.2	714.4	707.4	698.9
-60°	671.4	675.1	675.7	674.1	675.7	675.1	671.4	666.2	659.6	652.2	643.4
-62.5°	612.7	616.1	618.1	618.8	618.1	616.1	612.7	607.8	601.6	594.1	585.0
-65°	553.1	556.8	558.9	559.5	558.9	556.8	553.1	548.0	541.8	534.3	525.9
-67.5°	490.4	493.8	496.5	498.2	496.5	493.8	490.4	485.8	479.9	473.2	465.7
-70°	426.8	430.6	430.5	429.0	430.5	430.6	426.8	422.1	416.3	410.0	403.4
-72.5°	358.9	361.7	362.3	361.8	362.3	361.7	358.9	355.2	350.8	345.9	340.6
-75°	290.2	291.1	291.3	290.6	291.3	291.1	290.2	288.4	285.7	282.2	278.0
-77.5°	224.6	226.1	227.0	227.3	227.0	226.1	224.6	222.6	220.1	217.3	215.5
-80°	163.4	163.4	162.9	162.1	162.9	163.4	163.4	163.0	162.2	161.1	160.0
-82.5°	113.9	114.1	114.6	114.7	114.6	114.1	113.9	113.4	112.7	111.8	111.4
-85°	65.5	64.9	66.1	67.2	66.1	64.9	65.5	65.9	66.2	66.2	65.7
-87.5°	24.0	23.6	24.7	25.7	24.7	23.6	24.0	24.3	24.6	24.8	25.0
-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: P559150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-935-U-NAT-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°	25.1	25.1	25.1	25.9	26.6	27.1	27.5	26.7	25.7	24.8	23.8
85°	65.0	64.1	63.1	62.1	61.0	59.9	58.8	58.0	56.8	55.2	53.3
82.5°	110.7	109.6	108.1	105.3	102.2	99.0	95.8	94.2	92.2	89.9	87.5
80°	158.7	156.9	154.7	151.8	148.2	143.8	139.1	135.6	131.5	127.5	124.4
77.5°	213.1	210.1	206.6	202.8	198.5	193.4	188.2	183.5	178.5	172.8	167.8
75°	273.3	268.1	263.0	258.0	252.5	246.3	240.3	235.0	228.5	221.0	215.0
72.5°	334.6	327.7	320.7	314.1	307.0	299.3	293.1	287.6	280.4	271.5	265.5
70°	395.9	387.6	379.2	370.3	360.9	351.1	345.2	340.2	333.5	324.4	319.0
67.5°	457.1	447.4	438.1	428.3	417.3	405.1	399.0	392.3	384.7	375.6	373.2
65°	516.5	506.0	497.4	487.0	475.0	461.8	456.4	449.1	439.7	429.8	428.3
62.5°	574.4	562.1	553.8	543.9	532.1	521.2	515.8	507.6	496.9	489.5	488.5
60°	633.0	622.2	613.2	602.1	589.1	580.7	576.0	567.6	555.3	552.4	551.1
57.5°	688.8	679.3	671.0	660.4	647.3	643.3	638.6	629.7	617.1	618.9	616.0
55°	741.5	734.4	727.6	717.7	705.6	706.8	703.2	694.5	687.0	689.3	685.8
52.5°	795.8	792.7	786.6	775.7	770.6	773.6	769.3	760.8	762.2	764.8	759.1
50°	859.4	857.6	851.3	840.7	843.6	846.3	842.9	832.2	842.4	844.6	837.2
47.5°	930.8	930.6	922.6	913.2	924.7	926.8	922.6	923.4	932.1	929.7	920.5
45°	1013.9	1014.7	1006.5	1007.8	1015.9	1017.6	1009.4	1024.6	1030.2	1025.1	1008.6
42.5°	1114.6	1113.4	1104.2	1118.5	1123.1	1120.6	1123.3	1139.1	1139.3	1127.9	1128.7
40°	1241.0	1233.7	1235.7	1249.2	1251.2	1237.1	1262.6	1268.8	1263.2	1241.9	1271.8
37.5°	1401.5	1387.8	1405.0	1408.9	1402.7	1410.2	1428.4	1424.6	1400.7	1421.7	1440.3
35°	1604.6	1599.9	1616.2	1611.1	1586.2	1627.1	1632.5	1606.8	1598.2	1636.6	1634.3
32.5°	1858.4	1885.4	1882.4	1859.1	1874.5	1883.3	1871.2	1828.0	1883.2	1897.9	1864.1
30°	2236.9	2250.1	2221.2	2206.7	2233.7	2203.5	2141.5	2204.5	2228.5	2198.7	2123.8
27.5°	2752.7	2714.5	2661.8	2695.5	2664.0	2591.7	2613.7	2645.6	2617.7	2545.7	2460.7
25°	3408.9	3301.2	3327.9	3304.8	3200.8	3181.5	3213.8	3177.6	3077.0	2968.9	3087.8
22.5°	4233.6	4193.8	4150.0	4019.4	3987.7	3996.8	3918.8	3773.3	3684.9	3798.2	3801.9
20°	5341.8	5272.8	5122.6	5066.7	5038.4	4903.2	4707.1	4687.1	4780.0	4732.3	4588.9
17.5°	6671.4	6490.5	6459.2	6371.6	6205.2	5940.2	6040.7	6075.4	5986.9	5739.6	5438.4
15°	8105.1	8209.1	8118.6	7850.5	7691.8	7811.5	7752.9	7559.4	7291.2	6838.6	6326.0
12.5°	10457.9	10305.2	9923.8	10063.9	10024.4	9879.2	9582.9	9157.4	8600.3	7867.3	7128.8
10°	13188.5	13078.2	12967.2	12783.0	12479.8	12049.0	11329.2	10529.7	9697.4	8833.0	7935.8
7.5°	16746.6	16448.9	16069.6	15393.1	14547.3	13675.4	12762.8	11808.8	10792.6	9783.8	8735.6
5°	19983.8	19108.4	18215.2	17286.7	16261.6	15218.3	14165.4	13066.0	11868.5	10707.1	9510.9
2.5°	22024.5	21113.4	20129.1	19056.3	17736.7	16404.4	15072.6	13741.1	12315.5	10972.7	9630.6
0°	22931.8	21870.2	20654.4	19446.6	18130.0	16740.2	15249.6	13883.6	12424.7	11058.7	9698.6
-2.5°	22024.5	21113.4	20129.1	19056.3	17736.7	16404.4	15072.6	13741.1	12315.5	10972.7	9630.6
-5°	19983.8	19108.4	18215.2	17286.7	16261.6	15218.3	14165.4	13066.0	11868.5	10707.1	9510.9
-7.5°	16746.6	16448.9	16069.6	15393.1	14547.3	13675.4	12762.8	11808.8	10792.6	9783.8	8735.6
-10°	13188.5	13078.2	12967.2	12783.0	12479.8	12049.0	11329.2	10529.7	9697.4	8833.0	7935.8
-12.5°	10457.9	10305.2	9923.8	10063.9	10024.4	9879.2	9582.9	9157.4	8600.3	7867.3	7128.8
-15°	8105.1	8209.1	8118.6	7850.5	7691.8	7811.5	7752.9	7559.4	7291.2	6838.6	6326.0
-17.5°	6671.4	6490.5	6459.2	6371.6	6205.2	5940.2	6040.7	6075.4	5986.9	5739.6	5438.4
-20°	5341.8	5272.8	5122.6	5066.7	5038.4	4903.2	4707.1	4687.1	4780.0	4732.3	4588.9



REPORT NUMBER: P559150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4233.6	4193.8	4150.0	4019.4	3987.7	3996.8	3918.8	3773.3	3684.9	3798.2	3801.9
-25°	3408.9	3301.2	3327.9	3304.8	3200.8	3181.5	3213.8	3177.6	3077.0	2968.9	3087.8
-27.5°	2752.7	2714.5	2661.8	2695.5	2664.0	2591.7	2613.7	2645.6	2617.7	2545.7	2460.7
-30°	2236.9	2250.1	2221.2	2206.7	2233.7	2203.5	2141.5	2204.5	2228.5	2198.7	2123.8
-32.5°	1858.4	1885.4	1882.4	1859.1	1874.5	1883.3	1871.2	1828.0	1883.2	1897.9	1864.1
-35°	1604.6	1599.9	1616.2	1611.1	1586.2	1627.1	1632.5	1606.8	1598.2	1636.6	1634.3
-37.5°	1401.5	1387.8	1405.0	1408.9	1402.7	1410.2	1428.4	1424.6	1400.7	1421.7	1440.3
-40°	1241.0	1233.7	1235.7	1249.2	1251.2	1237.1	1262.6	1268.8	1263.2	1241.9	1271.8
-42.5°	1114.6	1113.4	1104.2	1118.5	1123.1	1120.6	1123.3	1139.1	1139.3	1127.9	1128.7
-45°	1013.9	1014.7	1006.5	1007.8	1015.9	1017.6	1009.4	1024.6	1030.2	1025.1	1008.6
-47.5°	930.8	930.6	922.6	913.2	924.7	926.8	922.6	923.4	932.1	929.7	920.5
-50°	859.4	857.6	851.3	840.7	843.6	846.3	842.9	832.2	842.4	844.6	837.2
-52.5°	795.8	792.7	786.6	775.7	770.6	773.6	769.3	760.8	762.2	764.8	759.1
-55°	741.5	734.4	727.6	717.7	705.6	706.8	703.2	694.5	687.0	689.3	685.8
-57.5°	688.8	679.3	671.0	660.4	647.3	643.3	638.6	629.7	617.1	618.9	616.0
-60°	633.0	622.2	613.2	602.1	589.1	580.7	576.0	567.6	555.3	552.4	551.1
-62.5°	574.4	562.1	553.8	543.9	532.1	521.2	515.8	507.6	496.9	489.5	488.5
-65°	516.5	506.0	497.4	487.0	475.0	461.8	456.4	449.1	439.7	429.8	428.3
-67.5°	457.1	447.4	438.1	428.3	417.3	405.1	399.0	392.3	384.7	375.6	373.2
-70°	395.9	387.6	379.2	370.3	360.9	351.1	345.2	340.2	333.5	324.4	319.0
-72.5°	334.6	327.7	320.7	314.1	307.0	299.3	293.1	287.6	280.4	271.5	265.5
-75°	273.3	268.1	263.0	258.0	252.5	246.3	240.3	235.0	228.5	221.0	215.0
-77.5°	213.1	210.1	206.6	202.8	198.5	193.4	188.2	183.5	178.5	172.8	167.8
-80°	158.7	156.9	154.7	151.8	148.2	143.8	139.1	135.6	131.5	127.5	124.4
-82.5°	110.7	109.6	108.1	105.3	102.2	99.0	95.8	94.2	92.2	89.9	87.5
-85°	65.0	64.1	63.1	62.1	61.0	59.9	58.8	58.0	56.8	55.2	53.3
-87.5°	25.1	25.1	25.1	25.9	26.6	27.1	27.5	26.7	25.7	24.8	23.8
-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: P559150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-935-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°	23.0	22.2	21.4	20.4	19.4	18.3	17.1	15.9	14.8	13.5	12.2
85°	51.5	49.3	46.7	43.7	40.5	36.6	34.2	31.8	29.5	27.0	24.4
82.5°	85.1	82.4	79.2	75.6	72.4	68.2	62.9	56.6	49.4	41.4	36.5
80°	123.3	120.8	116.8	111.5	106.2	100.0	94.0	86.5	77.4	67.3	56.2
77.5°	165.6	162.1	157.1	151.5	144.6	136.6	127.5	117.2	105.5	93.2	79.6
75°	211.5	207.4	201.7	194.0	184.3	173.2	162.2	149.9	135.8	119.3	102.9
72.5°	261.7	255.8	247.9	237.6	226.3	213.2	198.3	182.8	167.0	148.5	127.1
70°	313.7	306.1	296.7	285.8	271.2	253.4	236.3	218.8	198.4	177.7	153.8
67.5°	367.5	358.8	347.5	335.2	319.8	300.1	275.7	256.0	234.1	207.0	180.5
65°	423.5	413.8	399.7	387.5	370.1	348.2	322.1	295.9	270.1	240.8	207.1
62.5°	482.3	471.4	458.1	442.1	422.3	398.2	369.4	341.3	307.7	274.7	236.9
60°	544.6	532.7	518.9	501.9	478.0	449.4	419.9	387.1	350.4	308.8	268.0
57.5°	608.8	595.9	584.5	564.6	537.7	504.3	472.4	436.6	393.2	347.0	299.1
55°	675.5	663.4	653.1	631.8	600.5	562.8	529.6	488.9	437.7	386.1	330.0
52.5°	746.8	738.2	725.8	702.1	667.7	627.5	594.5	542.6	488.0	425.1	364.7
50°	821.8	821.6	805.3	776.7	737.3	704.1	662.6	606.4	539.1	466.4	400.1
47.5°	914.4	913.1	893.9	856.7	811.7	786.5	739.7	673.6	591.1	513.5	435.5
45°	1019.7	1012.6	989.0	947.4	907.2	880.1	823.0	743.1	654.5	561.7	471.1
42.5°	1136.4	1123.8	1091.1	1042.6	1026.4	983.6	910.7	822.4	719.4	609.9	510.5
40°	1273.2	1246.5	1201.4	1176.9	1159.9	1095.8	1012.1	905.7	785.6	661.3	552.2
37.5°	1424.5	1385.4	1325.2	1343.8	1308.5	1229.2	1120.4	991.9	855.0	719.7	593.5
35°	1601.5	1540.2	1541.6	1538.9	1478.8	1371.9	1234.4	1085.1	931.8	777.8	634.1
32.5°	1795.1	1779.1	1806.4	1762.3	1665.0	1523.4	1362.0	1187.7	1009.6	835.5	674.0
30°	2069.9	2135.7	2106.6	2007.9	1870.7	1697.0	1499.0	1292.6	1088.1	892.6	715.1
27.5°	2543.9	2541.6	2444.6	2291.7	2101.5	1881.2	1637.6	1399.4	1166.9	952.4	761.6
25°	3078.8	3002.2	2835.5	2604.1	2346.2	2065.6	1778.3	1507.9	1252.6	1016.8	806.7
22.5°	3689.8	3503.9	3259.3	2936.7	2588.3	2255.3	1928.3	1626.4	1341.3	1080.0	850.3
20°	4350.6	4039.0	3702.7	3262.8	2849.6	2461.8	2087.1	1744.0	1428.8	1141.6	892.1
17.5°	5058.1	4591.2	4125.0	3616.0	3123.8	2670.1	2245.5	1859.6	1514.2	1201.1	931.8
15°	5743.7	5143.3	4559.8	3971.6	3399.1	2877.9	2402.0	1972.2	1597.0	1258.0	963.1
12.5°	6419.4	5703.0	5000.6	4325.6	3672.2	3082.9	2554.8	2080.9	1676.4	1298.8	983.5
10°	7093.9	6262.6	5441.1	4673.4	3939.7	3282.4	2702.3	2165.7	1713.8	1325.0	1000.3
7.5°	7758.2	6813.5	5874.1	5010.3	4170.2	3412.9	2765.3	2204.1	1738.4	1346.0	1013.6
5°	8300.3	7173.0	6071.1	5110.2	4234.9	3464.7	2804.2	2233.9	1755.4	1362.0	1023.4
2.5°	8373.5	7232.1	6100.5	5149.6	4278.1	3500.1	2830.0	2254.5	1765.0	1372.6	1029.5
0°	8401.7	7251.2	6096.7	5161.6	4299.7	3518.8	2842.8	2265.5	1767.3	1377.9	1031.9
-2.5°	8373.5	7232.1	6100.5	5149.6	4278.1	3500.1	2830.0	2254.5	1765.0	1372.6	1029.5
-5°	8300.3	7173.0	6071.1	5110.2	4234.9	3464.7	2804.2	2233.9	1755.4	1362.0	1023.4
-7.5°	7758.2	6813.5	5874.1	5010.3	4170.2	3412.9	2765.3	2204.1	1738.4	1346.0	1013.6
-10°	7093.9	6262.6	5441.1	4673.4	3939.7	3282.4	2702.3	2165.7	1713.8	1325.0	1000.3
-12.5°	6419.4	5703.0	5000.6	4325.6	3672.2	3082.9	2554.8	2080.9	1676.4	1298.8	983.5
-15°	5743.7	5143.3	4559.8	3971.6	3399.1	2877.9	2402.0	1972.2	1597.0	1258.0	963.1
-17.5°	5058.1	4591.2	4125.0	3616.0	3123.8	2670.1	2245.5	1859.6	1514.2	1201.1	931.8
-20°	4350.6	4039.0	3702.7	3262.8	2849.6	2461.8	2087.1	1744.0	1428.8	1141.6	892.1



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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°	3689.8	3503.9	3259.3	2936.7	2588.3	2255.3	1928.3	1626.4	1341.3	1080.0	850.3
-25°	3078.8	3002.2	2835.5	2604.1	2346.2	2065.6	1778.3	1507.9	1252.6	1016.8	806.7
-27.5°	2543.9	2541.6	2444.6	2291.7	2101.5	1881.2	1637.6	1399.4	1166.9	952.4	761.6
-30°	2069.9	2135.7	2106.6	2007.9	1870.7	1697.0	1499.0	1292.6	1088.1	892.6	715.1
-32.5°	1795.1	1779.1	1806.4	1762.3	1665.0	1523.4	1362.0	1187.7	1009.6	835.5	674.0
-35°	1601.5	1540.2	1541.6	1538.9	1478.8	1371.9	1234.4	1085.1	931.8	777.8	634.1
-37.5°	1424.5	1385.4	1325.2	1343.8	1308.5	1229.2	1120.4	991.9	855.0	719.7	593.5
-40°	1273.2	1246.5	1201.4	1176.9	1159.9	1095.8	1012.1	905.7	785.6	661.3	552.2
-42.5°	1136.4	1123.8	1091.1	1042.6	1026.4	983.6	910.7	822.4	719.4	609.9	510.5
-45°	1019.7	1012.6	989.0	947.4	907.2	880.1	823.0	743.1	654.5	561.7	471.1
-47.5°	914.4	913.1	893.9	856.7	811.7	786.5	739.7	673.6	591.1	513.5	435.5
-50°	821.8	821.6	805.3	776.7	737.3	704.1	662.6	606.4	539.1	466.4	400.1
-52.5°	746.8	738.2	725.8	702.1	667.7	627.5	594.5	542.6	488.0	425.1	364.7
-55°	675.5	663.4	653.1	631.8	600.5	562.8	529.6	488.9	437.7	386.1	330.0
-57.5°	608.8	595.9	584.5	564.6	537.7	504.3	472.4	436.6	393.2	347.0	299.1
-60°	544.6	532.7	518.9	501.9	478.0	449.4	419.9	387.1	350.4	308.8	268.0
-62.5°	482.3	471.4	458.1	442.1	422.3	398.2	369.4	341.3	307.7	274.7	236.9
-65°	423.5	413.8	399.7	387.5	370.1	348.2	322.1	295.9	270.1	240.8	207.1
-67.5°	367.5	358.8	347.5	335.2	319.8	300.1	275.7	256.0	234.1	207.0	180.5
-70°	313.7	306.1	296.7	285.8	271.2	253.4	236.3	218.8	198.4	177.7	153.8
-72.5°	261.7	255.8	247.9	237.6	226.3	213.2	198.3	182.8	167.0	148.5	127.1
-75°	211.5	207.4	201.7	194.0	184.3	173.2	162.2	149.9	135.8	119.3	102.9
-77.5°	165.6	162.1	157.1	151.5	144.6	136.6	127.5	117.2	105.5	93.2	79.6
-80°	123.3	120.8	116.8	111.5	106.2	100.0	94.0	86.5	77.4	67.3	56.2
-82.5°	85.1	82.4	79.2	75.6	72.4	68.2	62.9	56.6	49.4	41.4	36.5
-85°	51.5	49.3	46.7	43.7	40.5	36.6	34.2	31.8	29.5	27.0	24.4
-87.5°	23.0	22.2	21.4	20.4	19.4	18.3	17.1	15.9	14.8	13.5	12.2
-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°	10.7	9.5	8.1	6.4	4.5	2.2	0.0
85°	21.5	19.0	16.1	12.8	8.9	4.5	0.0
82.5°	32.2	28.5	24.2	19.1	13.4	6.7	0.0
80°	44.2	38.0	32.2	25.5	17.8	8.9	0.0
77.5°	65.0	50.5	40.2	31.8	22.2	11.1	0.0
75°	85.8	68.4	49.4	38.1	26.6	13.3	0.0
72.5°	106.5	86.3	64.2	44.3	30.9	15.5	0.0
70°	127.5	104.0	78.8	51.5	35.1	17.6	0.0
67.5°	151.5	121.6	93.2	62.6	39.3	19.7	0.0
65°	175.5	140.6	107.6	73.7	43.4	21.7	0.0
62.5°	199.3	161.2	121.7	84.5	47.4	23.7	0.0
60°	223.0	181.6	135.6	95.2	51.4	25.7	0.0
57.5°	249.8	201.7	152.0	105.7	58.3	27.6	0.0
55°	276.8	221.7	168.3	115.9	65.1	29.5	0.0
52.5°	303.4	241.8	184.4	126.0	71.8	31.3	0.0
50°	329.6	263.8	200.1	135.8	78.2	33.0	0.0
47.5°	356.2	285.4	215.5	145.8	84.5	34.7	0.0
45°	386.9	306.5	230.5	157.1	90.5	36.3	0.0
42.5°	417.4	327.1	245.1	168.1	96.3	37.9	0.0
40°	447.5	347.1	260.2	178.3	101.9	39.4	0.0
37.5°	477.3	366.5	275.5	187.8	107.2	40.8	0.0
35°	506.7	388.5	290.3	196.7	112.2	42.1	0.0
32.5°	536.7	411.6	304.4	205.0	117.0	43.3	0.0
30°	568.9	433.9	317.9	212.7	121.5	44.5	0.0
27.5°	600.0	455.3	329.1	219.7	125.7	45.6	0.0
25°	629.8	475.9	339.4	226.2	129.6	46.6	0.0
22.5°	658.4	494.3	349.0	231.9	133.2	47.5	0.0
20°	685.5	508.3	357.8	237.1	136.5	48.3	0.0
17.5°	705.9	520.6	365.7	241.6	139.4	49.0	0.0
15°	721.2	531.2	372.8	245.4	142.0	49.6	0.0
12.5°	734.2	540.1	379.0	248.6	144.3	50.2	0.0
10°	745.1	547.3	384.3	251.1	146.2	50.6	0.0
7.5°	753.6	552.9	388.6	253.0	147.7	51.0	0.0
5°	759.8	556.7	391.9	254.3	148.9	51.2	0.0
2.5°	763.6	558.9	394.2	255.0	149.8	51.4	0.0
0°	765.1	559.5	395.4	255.0	150.2	51.4	0.0
-2.5°	763.6	558.9	394.2	255.0	149.8	51.4	0.0
-5°	759.8	556.7	391.9	254.3	148.9	51.2	0.0
-7.5°	753.6	552.9	388.6	253.0	147.7	51.0	0.0
-10°	745.1	547.3	384.3	251.1	146.2	50.6	0.0
-12.5°	734.2	540.1	379.0	248.6	144.3	50.2	0.0
-15°	721.2	531.2	372.8	245.4	142.0	49.6	0.0
-17.5°	705.9	520.6	365.7	241.6	139.4	49.0	0.0
-20°	685.5	508.3	357.8	237.1	136.5	48.3	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	658.4	494.3	349.0	231.9	133.2	47.5	0.0
-25°	629.8	475.9	339.4	226.2	129.6	46.6	0.0
-27.5°	600.0	455.3	329.1	219.7	125.7	45.6	0.0
-30°	568.9	433.9	317.9	212.7	121.5	44.5	0.0
-32.5°	536.7	411.6	304.4	205.0	117.0	43.3	0.0
-35°	506.7	388.5	290.3	196.7	112.2	42.1	0.0
-37.5°	477.3	366.5	275.5	187.8	107.2	40.8	0.0
-40°	447.5	347.1	260.2	178.3	101.9	39.4	0.0
-42.5°	417.4	327.1	245.1	168.1	96.3	37.9	0.0
-45°	386.9	306.5	230.5	157.1	90.5	36.3	0.0
-47.5°	356.2	285.4	215.5	145.8	84.5	34.7	0.0
-50°	329.6	263.8	200.1	135.8	78.2	33.0	0.0
-52.5°	303.4	241.8	184.4	126.0	71.8	31.3	0.0
-55°	276.8	221.7	168.3	115.9	65.1	29.5	0.0
-57.5°	249.8	201.7	152.0	105.7	58.3	27.6	0.0
-60°	223.0	181.6	135.6	95.2	51.4	25.7	0.0
-62.5°	199.3	161.2	121.7	84.5	47.4	23.7	0.0
-65°	175.5	140.6	107.6	73.7	43.4	21.7	0.0
-67.5°	151.5	121.6	93.2	62.6	39.3	19.7	0.0
-70°	127.5	104.0	78.8	51.5	35.1	17.6	0.0
-72.5°	106.5	86.3	64.2	44.3	30.9	15.5	0.0
-75°	85.8	68.4	49.4	38.1	26.6	13.3	0.0
-77.5°	65.0	50.5	40.2	31.8	22.2	11.1	0.0
-80°	44.2	38.0	32.2	25.5	17.8	8.9	0.0
-82.5°	32.2	28.5	24.2	19.1	13.4	6.7	0.0
-85°	21.5	19.0	16.1	12.8	8.9	4.5	0.0
-87.5°	10.7	9.5	8.1	6.4	4.5	2.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)