

Classified
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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: P627961 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-750-U-VWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627961 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-17)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6D-750-U-VWR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N155
Light Source: (96) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

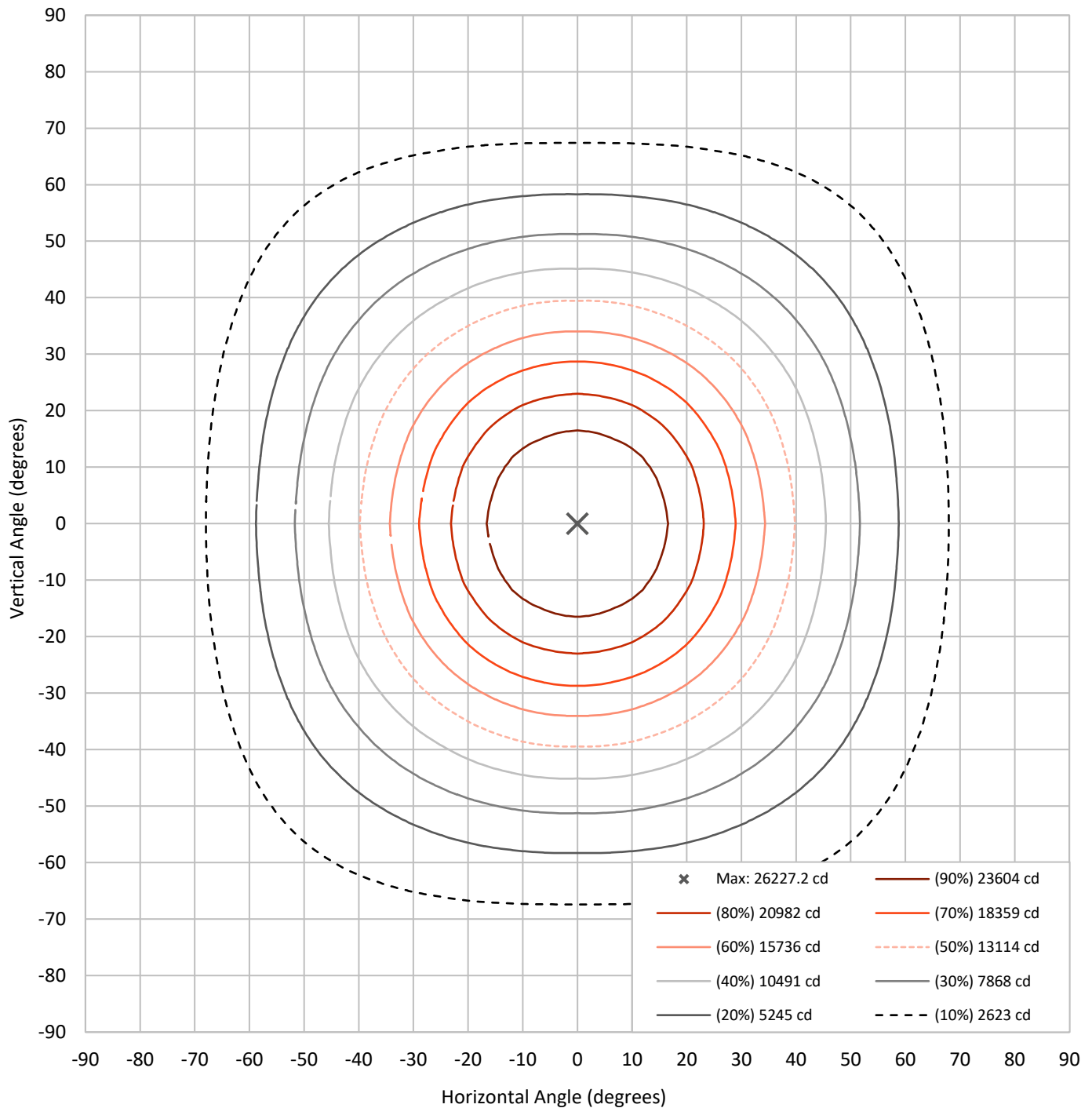
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	47403.3 lumens	Max Intensity:	26227.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	145.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	79.6°H x 78.9°V	Field Angle (10%):	135.9°H x 134.8°V
Beam Lumens:	27802.3 lumens	Field Lumens:	45190.9 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	325.9		
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		



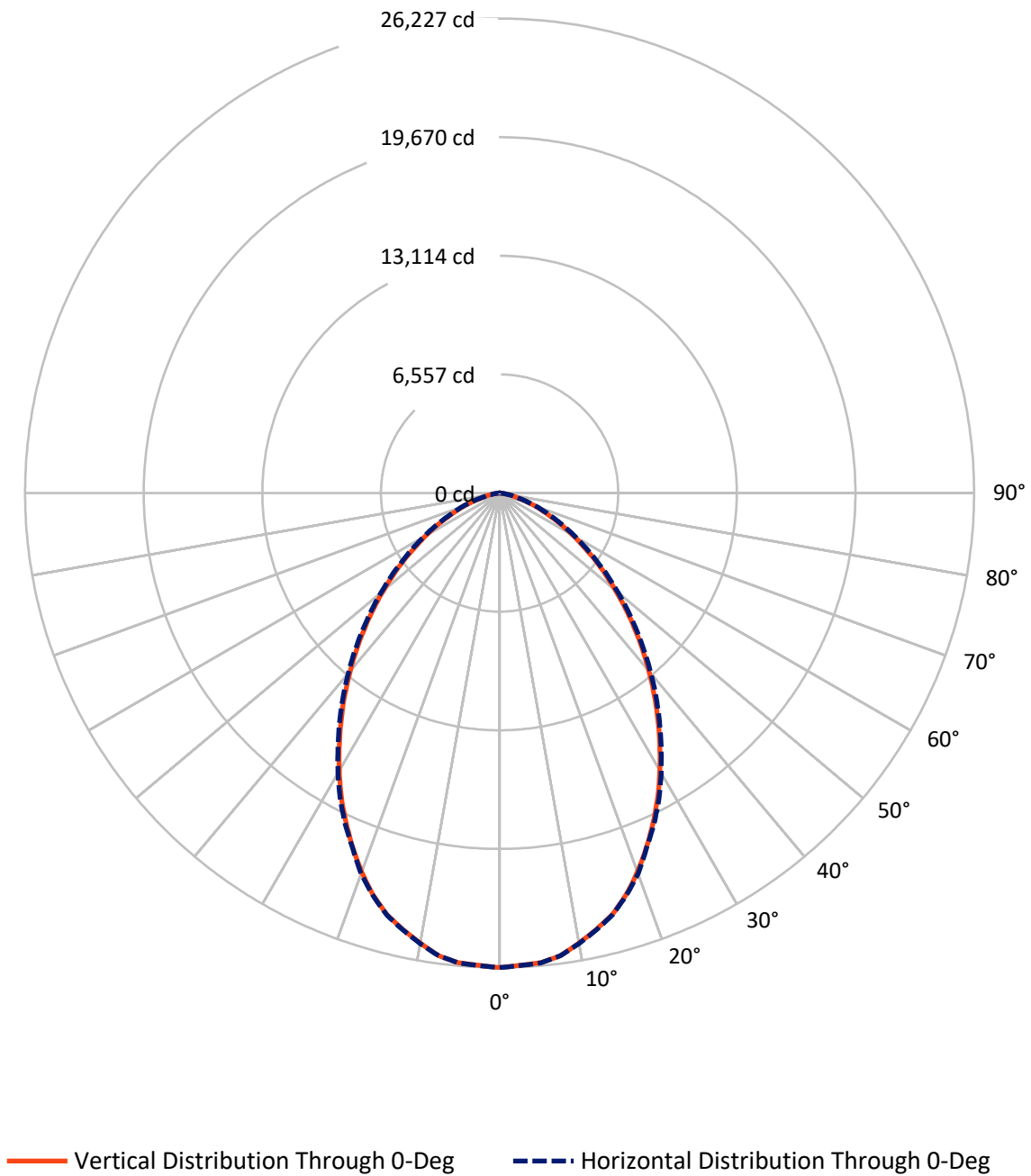
REPORT NUMBER: P627961 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6D-750-U-VWR-XX

Iso-Candela Plot



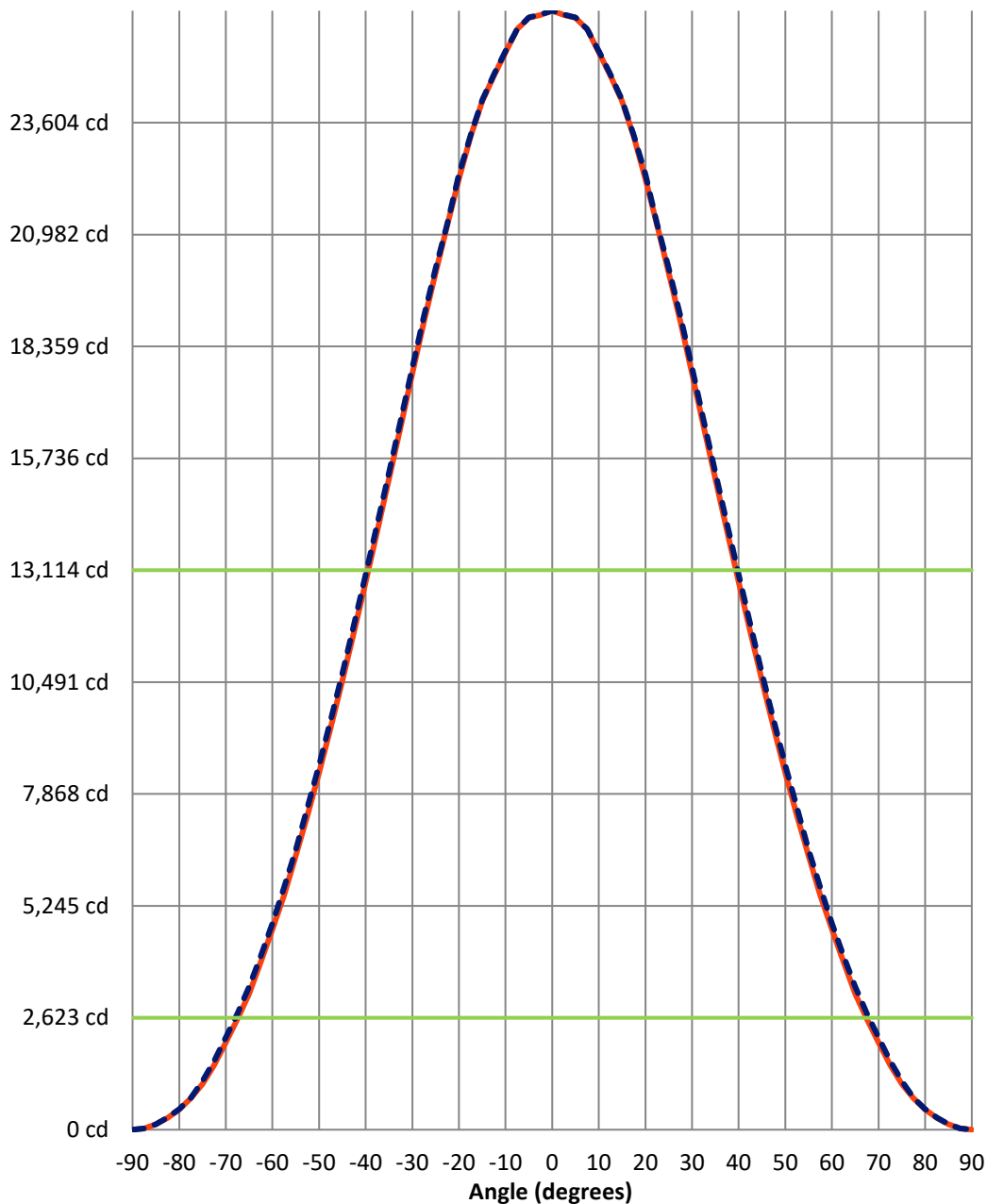
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 79.6°
 V Angle: 78.9°
 Lumens: 27802.3
 Efficiency: 58.7%

Field:
 H Angle: 135.9°
 V Angle: 134.8°
 Lumens: 45190.9
 Efficiency: 95.3%

Spill:
 Lumens: 2212.4
 Efficiency: 4.7%

- 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	1.5	3.4	5.1	6.8	8.5	10.2	11.8	13.4	15.0	16.6
85°	0.0	3.0	6.8	10.2	13.6	17.0	20.3	23.6	26.9	30.0	33.2
82.5°	0.0	4.5	10.2	15.3	20.4	25.4	30.4	35.4	44.3	69.7	94.0
80°	0.0	6.0	13.6	20.4	27.2	33.9	45.8	81.5	115.9	149.0	180.6
77.5°	0.0	7.4	16.9	25.4	33.9	53.1	99.8	144.8	187.2	227.9	278.3
75°	0.0	8.9	20.1	30.4	44.1	91.9	152.5	207.7	260.6	333.4	410.7
72.5°	0.0	10.3	23.3	35.4	70.3	129.6	203.6	275.2	358.3	446.9	540.8
70°	0.0	11.7	26.5	42.4	95.7	165.9	254.6	356.2	454.0	558.3	680.3
67.5°	0.0	13.0	29.5	58.1	120.1	200.7	315.8	435.3	547.6	679.4	819.2
65°	0.0	14.3	32.4	73.1	143.4	239.7	374.4	512.3	648.7	796.9	949.2
62.5°	0.0	15.6	35.2	87.5	165.4	282.4	430.0	592.7	746.4	909.1	1065.5
60°	0.0	16.9	38.0	101.1	186.2	322.8	482.4	672.5	840.5	1014.2	1180.2
57.5°	0.0	18.1	45.6	113.9	213.8	360.7	537.6	746.9	933.2	1117.5	1288.9
55°	0.0	19.2	53.1	125.9	240.1	396.0	589.9	811.1	1024.4	1217.2	1393.2
52.5°	0.0	20.3	60.3	136.9	264.6	429.4	638.3	877.9	1113.5	1309.0	1494.8
50°	0.0	21.4	67.2	147.0	287.2	465.0	682.7	941.4	1198.1	1398.0	1611.3
47.5°	0.0	22.4	73.7	157.5	307.7	497.5	724.2	1000.4	1274.7	1484.2	1725.5
45°	0.0	23.3	80.0	171.1	326.2	526.8	770.5	1054.7	1334.3	1581.8	1834.7
42.5°	0.0	24.2	85.9	183.5	342.6	552.8	812.8	1104.7	1391.4	1675.1	1963.3
40°	0.0	25.0	91.4	196.1	359.0	575.6	851.3	1152.1	1450.7	1762.5	2088.6
37.5°	0.0	25.8	96.6	208.6	375.4	595.0	885.7	1197.0	1517.2	1845.5	2206.2
35°	0.0	26.5	101.4	220.3	389.4	617.5	916.0	1239.3	1582.1	1941.1	2324.6
32.5°	0.0	27.1	105.9	231.0	401.1	640.0	944.1	1278.8	1645.1	2032.9	2450.0
30°	0.0	27.7	109.9	240.8	410.5	659.2	973.3	1318.5	1705.8	2120.7	2567.2
27.5°	0.0	28.2	113.6	249.7	424.5	675.1	999.6	1364.5	1768.3	2204.0	2675.9
25°	0.0	28.6	116.9	257.7	437.7	687.6	1022.6	1407.2	1833.5	2288.8	2776.6
22.5°	0.0	29.0	119.8	264.7	449.3	700.3	1042.4	1446.3	1893.6	2369.1	2883.6
20°	0.0	29.3	122.3	270.8	459.3	717.7	1058.8	1481.5	1948.0	2440.8	2979.7
17.5°	0.0	29.5	124.3	275.9	467.7	732.0	1079.2	1512.5	1996.6	2503.8	3064.4
15°	0.0	29.7	126.0	280.1	474.5	743.0	1100.4	1542.0	2038.8	2557.8	3137.5
12.5°	0.0	29.8	127.3	283.3	479.6	751.0	1117.7	1569.8	2076.9	2602.6	3198.6
10°	0.0	29.9	128.2	285.5	483.2	756.0	1130.8	1591.2	2109.9	2644.6	3250.1
7.5°	0.0	29.9	128.7	286.8	485.2	757.9	1139.8	1606.2	2135.2	2678.5	3294.6
5°	0.0	29.8	128.8	287.2	485.6	757.1	1144.4	1614.7	2152.7	2703.1	3326.5
2.5°	0.0	29.7	128.5	286.6	484.4	753.4	1144.6	1616.7	2161.9	2718.0	3345.7
0°	0.0	29.5	127.8	285.1	481.7	747.1	1140.3	1612.2	2162.7	2723.0	3352.1
-2.5°	0.0	29.7	128.5	286.6	484.4	753.4	1144.6	1616.7	2161.9	2718.0	3345.7
-5°	0.0	29.8	128.8	287.2	485.6	757.1	1144.4	1614.7	2152.7	2703.1	3326.5
-7.5°	0.0	29.9	128.7	286.8	485.2	757.9	1139.8	1606.2	2135.2	2678.5	3294.6
-10°	0.0	29.9	128.2	285.5	483.2	756.0	1130.8	1591.2	2109.9	2644.6	3250.1
-12.5°	0.0	29.8	127.3	283.3	479.6	751.0	1117.7	1569.8	2076.9	2602.6	3198.6
-15°	0.0	29.7	126.0	280.1	474.5	743.0	1100.4	1542.0	2038.8	2557.8	3137.5
-17.5°	0.0	29.5	124.3	275.9	467.7	732.0	1079.2	1512.5	1996.6	2503.8	3064.4
-20°	0.0	29.3	122.3	270.8	459.3	717.7	1058.8	1481.5	1948.0	2440.8	2979.7

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	29.0	119.8	264.7	449.3	700.3	1042.4	1446.3	1893.6	2369.1	2883.6
-25°	0.0	28.6	116.9	257.7	437.7	687.6	1022.6	1407.2	1833.5	2288.8	2776.6
-27.5°	0.0	28.2	113.6	249.7	424.5	675.1	999.6	1364.5	1768.3	2204.0	2675.9
-30°	0.0	27.7	109.9	240.8	410.5	659.2	973.3	1318.5	1705.8	2120.7	2567.2
-32.5°	0.0	27.1	105.9	231.0	401.1	640.0	944.1	1278.8	1645.1	2032.9	2450.0
-35°	0.0	26.5	101.4	220.3	389.4	617.5	916.0	1239.3	1582.1	1941.1	2324.6
-37.5°	0.0	25.8	96.6	208.6	375.4	595.0	885.7	1197.0	1517.2	1845.5	2206.2
-40°	0.0	25.0	91.4	196.1	359.0	575.6	851.3	1152.1	1450.7	1762.5	2088.6
-42.5°	0.0	24.2	85.9	183.5	342.6	552.8	812.8	1104.7	1391.4	1675.1	1963.3
-45°	0.0	23.3	80.0	171.1	326.2	526.8	770.5	1054.7	1334.3	1581.8	1834.7
-47.5°	0.0	22.4	73.7	157.5	307.7	497.5	724.2	1000.4	1274.7	1484.2	1725.5
-50°	0.0	21.4	67.2	147.0	287.2	465.0	682.7	941.4	1198.1	1398.0	1611.3
-52.5°	0.0	20.3	60.3	136.9	264.6	429.4	638.3	877.9	1113.5	1309.0	1494.8
-55°	0.0	19.2	53.1	125.9	240.1	396.0	589.9	811.1	1024.4	1217.2	1393.2
-57.5°	0.0	18.1	45.6	113.9	213.8	360.7	537.6	746.9	933.2	1117.5	1288.9
-60°	0.0	16.9	38.0	101.1	186.2	322.8	482.4	672.5	840.5	1014.2	1180.2
-62.5°	0.0	15.6	35.2	87.5	165.4	282.4	430.0	592.7	746.4	909.1	1065.5
-65°	0.0	14.3	32.4	73.1	143.4	239.7	374.4	512.3	648.7	796.9	949.2
-67.5°	0.0	13.0	29.5	58.1	120.1	200.7	315.8	435.3	547.6	679.4	819.2
-70°	0.0	11.7	26.5	42.4	95.7	165.9	254.6	356.2	454.0	558.3	680.3
-72.5°	0.0	10.3	23.3	35.4	70.3	129.6	203.6	275.2	358.3	446.9	540.8
-75°	0.0	8.9	20.1	30.4	44.1	91.9	152.5	207.7	260.6	333.4	410.7
-77.5°	0.0	7.4	16.9	25.4	33.9	53.1	99.8	144.8	187.2	227.9	278.3
-80°	0.0	6.0	13.6	20.4	27.2	33.9	45.8	81.5	115.9	149.0	180.6
-82.5°	0.0	4.5	10.2	15.3	20.4	25.4	30.4	35.4	44.3	69.7	94.0
-85°	0.0	3.0	6.8	10.2	13.6	17.0	20.3	23.6	26.9	30.0	33.2
-87.5°	0.0	1.5	3.4	5.1	6.8	8.5	10.2	11.8	13.4	15.0	16.6
-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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CATALOG NUMBER: GFLD-SA6D-750-U-VWR-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°	19.3	22.1	25.1	28.2	28.5	28.5	28.2	27.8	29.0	30.1	31.2
85°	38.5	44.1	61.3	77.9	85.8	90.7	92.9	92.5	107.6	125.1	144.0
82.5°	119.6	144.3	167.8	190.2	196.0	196.1	194.1	194.8	230.1	270.6	312.2
80°	213.0	244.3	285.7	322.5	338.5	346.7	350.5	349.9	394.6	454.2	516.9
77.5°	337.9	390.5	436.3	475.3	496.3	514.8	529.9	541.5	599.0	674.4	749.1
75°	480.2	538.0	595.3	645.4	680.3	706.3	730.5	769.3	844.6	932.5	1009.0
72.5°	630.4	704.1	768.0	822.3	871.4	923.6	981.9	1045.8	1125.3	1213.0	1293.0
70°	790.7	871.8	938.8	1004.1	1071.0	1149.1	1236.6	1322.7	1411.4	1508.2	1601.5
67.5°	947.6	1025.8	1104.7	1187.2	1287.3	1391.8	1495.2	1614.0	1735.5	1843.1	1939.4
65°	1083.8	1175.5	1274.2	1386.2	1509.9	1642.6	1780.8	1923.2	2077.3	2206.5	2324.3
62.5°	1214.0	1324.2	1444.2	1583.7	1741.4	1898.6	2074.8	2253.1	2426.6	2578.8	2719.5
60°	1333.9	1467.4	1619.1	1790.2	1974.3	2183.3	2383.9	2586.7	2777.0	2949.4	3127.2
57.5°	1450.6	1618.6	1800.6	2006.0	2238.8	2473.5	2709.4	2927.5	3142.9	3352.9	3554.1
55°	1574.1	1776.6	1993.1	2245.0	2507.4	2785.1	3039.1	3282.6	3519.9	3774.8	4017.1
52.5°	1709.9	1936.1	2207.1	2489.2	2792.3	3090.3	3369.3	3646.7	3933.5	4222.0	4537.4
50°	1841.0	2123.1	2420.1	2748.0	3075.5	3394.8	3714.7	4034.2	4377.8	4731.6	5089.0
47.5°	1994.2	2302.0	2652.8	3004.5	3362.3	3717.7	4074.2	4460.2	4850.7	5261.0	5656.4
45°	2149.3	2495.3	2873.3	3271.0	3657.9	4051.3	4468.2	4895.0	5352.8	5804.0	6279.7
42.5°	2296.2	2687.4	3104.0	3533.5	3963.9	4403.5	4861.9	5360.4	5860.7	6381.1	6903.8
40°	2459.0	2870.0	3329.4	3802.5	4269.5	4756.8	5280.7	5820.7	6386.7	6959.0	7526.6
37.5°	2615.5	3067.3	3550.2	4059.4	4583.5	5119.0	5687.9	6300.8	6914.6	7530.5	8156.4
35°	2762.0	3254.3	3777.4	4318.0	4873.8	5482.9	6118.9	6773.1	7438.3	8104.3	8777.6
32.5°	2912.8	3430.7	3994.5	4573.1	5185.5	5838.8	6535.3	7244.3	7952.7	8663.9	9400.9
30°	3063.9	3615.6	4204.8	4814.3	5484.2	6195.9	6944.6	7695.5	8444.9	9227.5	10013.0
27.5°	3206.6	3791.2	4411.4	5063.6	5770.4	6526.7	7321.8	8126.2	8934.2	9766.3	10604.1
25°	3338.2	3957.4	4603.2	5303.5	6052.6	6844.9	7673.3	8512.6	9398.7	10289.2	11164.0
22.5°	3466.3	4110.1	4780.8	5524.5	6308.4	7140.5	8003.0	8889.3	9815.3	10771.5	11676.8
20°	3589.7	4255.5	4953.6	5724.8	6537.4	7406.6	8302.7	9230.8	10202.3	11184.1	12157.9
17.5°	3699.2	4384.7	5114.5	5912.0	6756.1	7649.8	8572.7	9531.4	10546.1	11563.8	12595.6
15°	3794.6	4497.2	5253.9	6075.5	6949.3	7870.9	8823.3	9809.3	10850.1	11909.8	12982.5
12.5°	3875.2	4592.4	5371.2	6214.3	7113.3	8060.5	9038.7	10059.3	11128.2	12217.6	13321.3
10°	3940.8	4670.0	5466.1	6327.9	7247.2	8217.3	9216.1	10265.4	11366.3	12479.5	13606.4
7.5°	3996.5	4734.8	5541.4	6415.5	7350.4	8340.0	9354.2	10426.2	11556.0	12683.7	13835.3
5°	4037.1	4787.1	5610.7	6488.8	7440.2	8435.9	9458.8	10540.7	11694.8	12829.0	14001.3
2.5°	4061.6	4821.2	5657.7	6536.4	7510.7	8507.7	9551.8	10641.9	11796.5	12944.4	14126.1
0°	4069.7	4836.5	5681.9	6556.8	7549.6	8542.5	9604.2	10695.3	11845.5	13015.3	14204.7
-2.5°	4061.6	4821.2	5657.7	6536.4	7510.7	8507.7	9551.8	10641.9	11796.5	12944.4	14126.1
-5°	4037.1	4787.1	5610.7	6488.8	7440.2	8435.9	9458.8	10540.7	11694.8	12829.0	14001.3
-7.5°	3996.5	4734.8	5541.4	6415.5	7350.4	8340.0	9354.2	10426.2	11556.0	12683.7	13835.3
-10°	3940.8	4670.0	5466.1	6327.9	7247.2	8217.3	9216.1	10265.4	11366.3	12479.5	13606.4
-12.5°	3875.2	4592.4	5371.2	6214.3	7113.3	8060.5	9038.7	10059.3	11128.2	12217.6	13321.3
-15°	3794.6	4497.2	5253.9	6075.5	6949.3	7870.9	8823.3	9809.3	10850.1	11909.8	12982.5
-17.5°	3699.2	4384.7	5114.5	5912.0	6756.1	7649.8	8572.7	9531.4	10546.1	11563.8	12595.6
-20°	3589.7	4255.5	4953.6	5724.8	6537.4	7406.6	8302.7	9230.8	10202.3	11184.1	12157.9



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 CATALOG NUMBER: GFLD-SA6D-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	3466.3	4110.1	4780.8	5524.5	6308.4	7140.5	8003.0	8889.3	9815.3	10771.5	11676.8
-25°	3338.2	3957.4	4603.2	5303.5	6052.6	6844.9	7673.3	8512.6	9398.7	10289.2	11164.0
-27.5°	3206.6	3791.2	4411.4	5063.6	5770.4	6526.7	7321.8	8126.2	8934.2	9766.3	10604.1
-30°	3063.9	3615.6	4204.8	4814.3	5484.2	6195.9	6944.6	7695.5	8444.9	9227.5	10013.0
-32.5°	2912.8	3430.7	3994.5	4573.1	5185.5	5838.8	6535.3	7244.3	7952.7	8663.9	9400.9
-35°	2762.0	3254.3	3777.4	4318.0	4873.8	5482.9	6118.9	6773.1	7438.3	8104.3	8777.6
-37.5°	2615.5	3067.3	3550.2	4059.4	4583.5	5119.0	5687.9	6300.8	6914.6	7530.5	8156.4
-40°	2459.0	2870.0	3329.4	3802.5	4269.5	4756.8	5280.7	5820.7	6386.7	6959.0	7526.6
-42.5°	2296.2	2687.4	3104.0	3533.5	3963.9	4403.5	4861.9	5360.4	5860.7	6381.1	6903.8
-45°	2149.3	2495.3	2873.3	3271.0	3657.9	4051.3	4468.2	4895.0	5352.8	5804.0	6279.7
-47.5°	1994.2	2302.0	2652.8	3004.5	3362.3	3717.7	4074.2	4460.2	4850.7	5261.0	5656.4
-50°	1841.0	2123.1	2420.1	2748.0	3075.5	3394.8	3714.7	4034.2	4377.8	4731.6	5089.0
-52.5°	1709.9	1936.1	2207.1	2489.2	2792.3	3090.3	3369.3	3646.7	3933.5	4222.0	4537.4
-55°	1574.1	1776.6	1993.1	2245.0	2507.4	2785.1	3039.1	3282.6	3519.9	3774.8	4017.1
-57.5°	1450.6	1618.6	1800.6	2006.0	2238.8	2473.5	2709.4	2927.5	3142.9	3352.9	3554.1
-60°	1333.9	1467.4	1619.1	1790.2	1974.3	2183.3	2383.9	2586.7	2777.0	2949.4	3127.2
-62.5°	1214.0	1324.2	1444.2	1583.7	1741.4	1898.6	2074.8	2253.1	2426.6	2578.8	2719.5
-65°	1083.8	1175.5	1274.2	1386.2	1509.9	1642.6	1780.8	1923.2	2077.3	2206.5	2324.3
-67.5°	947.6	1025.8	1104.7	1187.2	1287.3	1391.8	1495.2	1614.0	1735.5	1843.1	1939.4
-70°	790.7	871.8	938.8	1004.1	1071.0	1149.1	1236.6	1322.7	1411.4	1508.2	1601.5
-72.5°	630.4	704.1	768.0	822.3	871.4	923.6	981.9	1045.8	1125.3	1213.0	1293.0
-75°	480.2	538.0	595.3	645.4	680.3	706.3	730.5	769.3	844.6	932.5	1009.0
-77.5°	337.9	390.5	436.3	475.3	496.3	514.8	529.9	541.5	599.0	674.4	749.1
-80°	213.0	244.3	285.7	322.5	338.5	346.7	350.5	349.9	394.6	454.2	516.9
-82.5°	119.6	144.3	167.8	190.2	196.0	196.1	194.1	194.8	230.1	270.6	312.2
-85°	38.5	44.1	61.3	77.9	85.8	90.7	92.9	92.5	107.6	125.1	144.0
-87.5°	19.3	22.1	25.1	28.2	28.5	28.5	28.2	27.8	29.0	30.1	31.2
-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: P627961 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-750-U-VWR-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°	32.2	33.1	34.0	34.9	35.6	36.3	36.9	37.5	38.0	36.0	33.9
85°	164.2	175.8	186.7	197.1	207.0	216.3	225.1	233.3	240.8	219.9	196.9
82.5°	354.6	383.0	410.1	437.0	463.7	470.5	472.6	471.6	467.9	431.2	390.6
80°	578.8	627.0	672.5	717.6	762.0	767.0	761.9	752.8	739.8	691.7	637.2
77.5°	823.6	884.3	937.4	986.1	1030.3	1038.7	1037.5	1035.2	1031.6	982.5	923.1
75°	1074.5	1133.9	1191.1	1239.7	1280.4	1299.0	1308.1	1314.6	1318.1	1282.9	1236.8
72.5°	1365.4	1427.1	1477.6	1524.9	1564.8	1593.8	1614.6	1630.3	1641.0	1630.3	1611.4
70°	1681.1	1747.3	1803.0	1856.4	1910.6	1954.1	1986.9	2010.7	2025.9	2035.8	2042.7
67.5°	2036.6	2125.5	2203.0	2269.2	2334.8	2396.3	2446.8	2488.1	2520.0	2547.1	2567.9
65°	2437.0	2550.6	2651.4	2743.9	2828.6	2917.8	2991.1	3052.5	3101.9	3142.7	3175.5
62.5°	2858.0	2997.3	3126.6	3252.2	3375.1	3496.3	3589.3	3673.9	3749.2	3813.9	3865.4
60°	3295.5	3453.8	3627.4	3793.1	3945.6	4084.9	4223.3	4343.1	4445.7	4530.7	4599.3
57.5°	3765.8	3970.8	4173.7	4379.5	4574.0	4755.9	4926.2	5076.5	5203.5	5307.6	5395.1
55°	4273.8	4530.2	4765.5	5025.1	5275.9	5504.4	5705.4	5882.1	6034.9	6162.9	6271.5
52.5°	4832.3	5143.8	5449.5	5744.9	6029.7	6294.6	6535.3	6741.1	6924.1	7081.0	7206.2
50°	5443.5	5799.9	6154.2	6482.8	6810.0	7115.3	7391.2	7630.0	7843.0	8027.4	8172.5
47.5°	6082.7	6488.3	6884.0	7260.2	7622.3	7961.6	8260.4	8532.6	8798.2	9014.7	9186.0
45°	6746.4	7201.5	7638.0	8068.1	8466.9	8847.1	9215.7	9554.7	9827.2	10065.8	10266.2
42.5°	7418.2	7925.8	8414.7	8883.8	9322.3	9762.1	10176.8	10547.3	10858.1	11129.4	11357.1
40°	8098.7	8654.4	9193.0	9704.5	10205.8	10685.4	11133.9	11524.6	11875.1	12197.4	12465.9
37.5°	8775.9	9387.2	9983.9	10556.9	11108.9	11628.4	12113.0	12554.5	12950.1	13317.1	13615.2
35°	9456.0	10126.7	10779.9	11410.5	12013.4	12586.7	13117.2	13619.7	14085.9	14457.6	14762.5
32.5°	10133.5	10854.5	11565.5	12259.6	12919.5	13537.6	14112.5	14667.7	15147.2	15555.8	15906.4
30°	10789.1	11570.2	12344.3	13097.0	13809.9	14479.6	15116.1	15703.2	16218.9	16665.8	17059.0
27.5°	11432.3	12271.6	13102.2	13906.3	14677.0	15404.7	16099.4	16736.0	17298.8	17784.5	18199.1
25°	12040.3	12942.4	13827.7	14680.3	15503.6	16306.4	17056.4	17751.1	18352.2	18885.4	19311.4
22.5°	12621.2	13583.2	14513.5	15410.4	16291.1	17156.3	17977.4	18702.8	19339.9	19897.3	20368.8
20°	13162.4	14193.2	15145.0	16093.6	17021.2	17945.1	18826.7	19592.1	20266.1	20859.5	21379.3
17.5°	13668.3	14725.7	15727.8	16737.7	17715.4	18684.5	19580.2	20400.6	21127.8	21758.0	22302.4
15°	14096.6	15164.4	16258.9	17337.1	18368.0	19349.5	20244.4	21101.2	21908.7	22590.2	23142.2
12.5°	14443.3	15553.8	16695.6	17840.3	18930.6	19910.7	20847.6	21716.8	22564.9	23330.4	23837.9
10°	14738.8	15882.3	17061.1	18228.4	19333.3	20370.4	21389.0	22308.0	23141.4	23826.9	24393.6
7.5°	14994.4	16172.3	17369.5	18538.7	19639.8	20711.5	21760.0	22736.1	23577.4	24223.2	24728.7
5°	15182.8	16388.7	17609.0	18789.0	19905.6	20980.6	22033.9	22997.7	23819.0	24476.2	25027.4
2.5°	15317.6	16534.8	17763.9	18945.6	20086.9	21164.6	22244.2	23218.9	24014.2	24616.3	25144.1
0°	15404.0	16623.0	17861.6	19070.7	20191.4	21233.4	22393.3	23307.6	24133.3	24733.0	25283.4
-2.5°	15317.6	16534.8	17763.9	18945.6	20086.9	21164.6	22244.2	23218.9	24014.2	24616.3	25144.1
-5°	15182.8	16388.7	17609.0	18789.0	19905.6	20980.6	22033.9	22997.7	23819.0	24476.2	25027.4
-7.5°	14994.4	16172.3	17369.5	18538.7	19639.8	20711.5	21760.0	22736.1	23577.4	24223.2	24728.7
-10°	14738.8	15882.3	17061.1	18228.4	19333.3	20370.4	21389.0	22308.0	23141.4	23826.9	24393.6
-12.5°	14443.3	15553.8	16695.6	17840.3	18930.6	19910.7	20847.6	21716.8	22564.9	23330.4	23837.9
-15°	14096.6	15164.4	16258.9	17337.1	18368.0	19349.5	20244.4	21101.2	21908.7	22590.2	23142.2
-17.5°	13668.3	14725.7	15727.8	16737.7	17715.4	18684.5	19580.2	20400.6	21127.8	21758.0	22302.4
-20°	13162.4	14193.2	15145.0	16093.6	17021.2	17945.1	18826.7	19592.1	20266.1	20859.5	21379.3



REPORT NUMBER: P627961 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	12621.2	13583.2	14513.5	15410.4	16291.1	17156.3	17977.4	18702.8	19339.9	19897.3	20368.8
-25°	12040.3	12942.4	13827.7	14680.3	15503.6	16306.4	17056.4	17751.1	18352.2	18885.4	19311.4
-27.5°	11432.3	12271.6	13102.2	13906.3	14677.0	15404.7	16099.4	16736.0	17298.8	17784.5	18199.1
-30°	10789.1	11570.2	12344.3	13097.0	13809.9	14479.6	15116.1	15703.2	16218.9	16665.8	17059.0
-32.5°	10133.5	10854.5	11565.5	12259.6	12919.5	13537.6	14112.5	14667.7	15147.2	15555.8	15906.4
-35°	9456.0	10126.7	10779.9	11410.5	12013.4	12586.7	13117.2	13619.7	14085.9	14457.6	14762.5
-37.5°	8775.9	9387.2	9983.9	10556.9	11108.9	11628.4	12113.0	12554.5	12950.1	13317.1	13615.2
-40°	8098.7	8654.4	9193.0	9704.5	10205.8	10685.4	11133.9	11524.6	11875.1	12197.4	12465.9
-42.5°	7418.2	7925.8	8414.7	8883.8	9322.3	9762.1	10176.8	10547.3	10858.1	11129.4	11357.1
-45°	6746.4	7201.5	7638.0	8068.1	8466.9	8847.1	9215.7	9554.7	9827.2	10065.8	10266.2
-47.5°	6082.7	6488.3	6884.0	7260.2	7622.3	7961.6	8260.4	8532.6	8798.2	9014.7	9186.0
-50°	5443.5	5799.9	6154.2	6482.8	6810.0	7115.3	7391.2	7630.0	7843.0	8027.4	8172.5
-52.5°	4832.3	5143.8	5449.5	5744.9	6029.7	6294.6	6535.3	6741.1	6924.1	7081.0	7206.2
-55°	4273.8	4530.2	4765.5	5025.1	5275.9	5504.4	5705.4	5882.1	6034.9	6162.9	6271.5
-57.5°	3765.8	3970.8	4173.7	4379.5	4574.0	4755.9	4926.2	5076.5	5203.5	5307.6	5395.1
-60°	3295.5	3453.8	3627.4	3793.1	3945.6	4084.9	4223.3	4343.1	4445.7	4530.7	4599.3
-62.5°	2858.0	2997.3	3126.6	3252.2	3375.1	3496.3	3589.3	3673.9	3749.2	3813.9	3865.4
-65°	2437.0	2550.6	2651.4	2743.9	2828.6	2917.8	2991.1	3052.5	3101.9	3142.7	3175.5
-67.5°	2036.6	2125.5	2203.0	2269.2	2334.8	2396.3	2446.8	2488.1	2520.0	2547.1	2567.9
-70°	1681.1	1747.3	1803.0	1856.4	1910.6	1954.1	1986.9	2010.7	2025.9	2035.8	2042.7
-72.5°	1365.4	1427.1	1477.6	1524.9	1564.8	1593.8	1614.6	1630.3	1641.0	1630.3	1611.4
-75°	1074.5	1133.9	1191.1	1239.7	1280.4	1299.0	1308.1	1314.6	1318.1	1282.9	1236.8
-77.5°	823.6	884.3	937.4	986.1	1030.3	1038.7	1037.5	1035.2	1031.6	982.5	923.1
-80°	578.8	627.0	672.5	717.6	762.0	767.0	761.9	752.8	739.8	691.7	637.2
-82.5°	354.6	383.0	410.1	437.0	463.7	470.5	472.6	471.6	467.9	431.2	390.6
-85°	164.2	175.8	186.7	197.1	207.0	216.3	225.1	233.3	240.8	219.9	196.9
-87.5°	32.2	33.1	34.0	34.9	35.6	36.3	36.9	37.5	38.0	36.0	33.9
-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: P627961 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-750-U-VWR-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°	31.7	29.4	29.5	29.5	29.5	29.4	31.7	33.9	36.0	38.0	37.5
85°	172.4	146.8	137.5	127.8	137.5	146.8	172.4	196.9	219.9	240.8	233.3
82.5°	348.0	303.7	289.6	275.2	289.6	303.7	348.0	390.6	431.2	467.9	471.6
80°	579.7	519.6	496.0	471.9	496.0	519.6	579.7	637.2	691.7	739.8	752.8
77.5°	860.4	794.4	766.2	737.3	766.2	794.4	860.4	923.1	982.5	1031.6	1035.2
75°	1188.1	1136.4	1105.1	1071.5	1105.1	1136.4	1188.1	1236.8	1282.9	1318.1	1314.6
72.5°	1589.8	1564.5	1541.8	1513.9	1541.8	1564.5	1589.8	1611.4	1630.3	1641.0	1630.3
70°	2045.0	2041.8	2045.9	2044.7	2045.9	2041.8	2045.0	2042.7	2035.8	2025.9	2010.7
67.5°	2578.6	2579.3	2590.3	2595.2	2590.3	2579.3	2578.6	2567.9	2547.1	2520.0	2488.1
65°	3195.7	3203.3	3200.5	3185.0	3200.5	3203.3	3195.7	3175.5	3142.7	3101.9	3052.5
62.5°	3902.0	3923.2	3934.8	3932.1	3934.8	3923.2	3902.0	3865.4	3813.9	3749.2	3673.9
60°	4650.6	4683.8	4700.6	4698.9	4700.6	4683.8	4650.6	4599.3	4530.7	4445.7	4343.1
57.5°	5460.3	5503.0	5513.0	5495.1	5513.0	5503.0	5460.3	5395.1	5307.6	5203.5	5076.5
55°	6353.5	6408.1	6429.2	6419.2	6429.2	6408.1	6353.5	6271.5	6162.9	6034.9	5882.1
52.5°	7298.0	7357.0	7377.9	7362.9	7377.9	7357.0	7298.0	7206.2	7081.0	6924.1	6741.1
50°	8279.0	8350.5	8379.3	8365.6	8379.3	8350.5	8279.0	8172.5	8027.4	7843.0	7630.0
47.5°	9320.2	9415.4	9452.4	9427.2	9452.4	9415.4	9320.2	9186.0	9014.7	8798.2	8532.6
45°	10415.9	10514.6	10552.8	10528.2	10552.8	10514.6	10415.9	10266.2	10065.8	9827.2	9554.7
42.5°	11531.3	11659.4	11713.5	11668.5	11713.5	11659.4	11531.3	11357.1	11129.4	10858.1	10547.3
40°	12666.2	12805.3	12869.5	12838.3	12869.5	12805.3	12666.2	12465.9	12197.4	11875.1	11524.6
37.5°	13830.3	13968.7	14036.7	14037.6	14036.7	13968.7	13830.3	13615.2	13317.1	12950.1	12554.5
35°	14998.8	15166.3	15261.1	15256.6	15261.1	15166.3	14998.8	14762.5	14457.6	14085.9	13619.7
32.5°	16183.5	16364.9	16461.8	16475.5	16461.8	16364.9	16183.5	15906.4	15555.8	15147.2	14667.7
30°	17366.3	17565.8	17678.0	17724.0	17678.0	17565.8	17366.3	17059.0	16665.8	16218.9	15703.2
27.5°	18513.3	18758.8	18928.1	18942.9	18928.1	18758.8	18513.3	18199.1	17784.5	17298.8	16736.0
25°	19624.2	19874.1	20047.9	20083.2	20047.9	19874.1	19624.2	19311.4	18885.4	18352.2	17751.1
22.5°	20719.1	20980.3	21140.8	21203.9	21140.8	20980.3	20719.1	20368.8	19897.3	19339.9	18702.8
20°	21764.3	22047.5	22217.5	22285.2	22217.5	22047.5	21764.3	21379.3	20859.5	20266.1	19592.1
17.5°	22709.9	23009.1	23219.0	23278.1	23219.0	23009.1	22709.9	22302.4	21758.0	21127.8	20400.6
15°	23542.1	23825.8	24025.1	24103.8	24025.1	23825.8	23542.1	23142.2	22590.2	21908.7	21101.2
12.5°	24219.4	24473.2	24629.3	24703.5	24629.3	24473.2	24219.4	23837.9	23330.4	22564.9	21716.8
10°	24748.6	25003.1	25152.2	25254.0	25152.2	25003.1	24748.6	24393.6	23826.9	23141.4	22308.0
7.5°	25207.8	25468.7	25651.1	25794.6	25651.1	25468.7	25207.8	24728.7	24223.2	23577.4	22736.1
5°	25461.4	25897.0	25962.5	26060.0	25962.5	25897.0	25461.4	25027.4	24476.2	23819.0	22997.7
2.5°	25654.7	25963.6	26149.3	26128.9	26149.3	25963.6	25654.7	25144.1	24616.3	24014.2	23218.9
0°	25794.6	26069.9	26138.7	26227.2	26138.7	26069.9	25794.6	25283.4	24733.0	24133.3	23307.6
-2.5°	25654.7	25963.6	26149.3	26128.9	26149.3	25963.6	25654.7	25144.1	24616.3	24014.2	23218.9
-5°	25461.4	25897.0	25962.5	26060.0	25962.5	25897.0	25461.4	25027.4	24476.2	23819.0	22997.7
-7.5°	25207.8	25468.7	25651.1	25794.6	25651.1	25468.7	25207.8	24728.7	24223.2	23577.4	22736.1
-10°	24748.6	25003.1	25152.2	25254.0	25152.2	25003.1	24748.6	24393.6	23826.9	23141.4	22308.0
-12.5°	24219.4	24473.2	24629.3	24703.5	24629.3	24473.2	24219.4	23837.9	23330.4	22564.9	21716.8
-15°	23542.1	23825.8	24025.1	24103.8	24025.1	23825.8	23542.1	23142.2	22590.2	21908.7	21101.2
-17.5°	22709.9	23009.1	23219.0	23278.1	23219.0	23009.1	22709.9	22302.4	21758.0	21127.8	20400.6
-20°	21764.3	22047.5	22217.5	22285.2	22217.5	22047.5	21764.3	21379.3	20859.5	20266.1	19592.1



REPORT NUMBER: P627961 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	20719.1	20980.3	21140.8	21203.9	21140.8	20980.3	20719.1	20368.8	19897.3	19339.9	18702.8
-25°	19624.2	19874.1	20047.9	20083.2	20047.9	19874.1	19624.2	19311.4	18885.4	18352.2	17751.1
-27.5°	18513.3	18758.8	18928.1	18942.9	18928.1	18758.8	18513.3	18199.1	17784.5	17298.8	16736.0
-30°	17366.3	17565.8	17678.0	17724.0	17678.0	17565.8	17366.3	17059.0	16665.8	16218.9	15703.2
-32.5°	16183.5	16364.9	16461.8	16475.5	16461.8	16364.9	16183.5	15906.4	15555.8	15147.2	14667.7
-35°	14998.8	15166.3	15261.1	15256.6	15261.1	15166.3	14998.8	14762.5	14457.6	14085.9	13619.7
-37.5°	13830.3	13968.7	14036.7	14037.6	14036.7	13968.7	13830.3	13615.2	13317.1	12950.1	12554.5
-40°	12666.2	12805.3	12869.5	12838.3	12869.5	12805.3	12666.2	12465.9	12197.4	11875.1	11524.6
-42.5°	11531.3	11659.4	11713.5	11668.5	11713.5	11659.4	11531.3	11357.1	11129.4	10858.1	10547.3
-45°	10415.9	10514.6	10552.8	10528.2	10552.8	10514.6	10415.9	10266.2	10065.8	9827.2	9554.7
-47.5°	9320.2	9415.4	9452.4	9427.2	9452.4	9415.4	9320.2	9186.0	9014.7	8798.2	8532.6
-50°	8279.0	8350.5	8379.3	8365.6	8379.3	8350.5	8279.0	8172.5	8027.4	7843.0	7630.0
-52.5°	7298.0	7357.0	7377.9	7362.9	7377.9	7357.0	7298.0	7206.2	7081.0	6924.1	6741.1
-55°	6353.5	6408.1	6429.2	6419.2	6429.2	6408.1	6353.5	6271.5	6162.9	6034.9	5882.1
-57.5°	5460.3	5503.0	5513.0	5495.1	5513.0	5503.0	5460.3	5395.1	5307.6	5203.5	5076.5
-60°	4650.6	4683.8	4700.6	4698.9	4700.6	4683.8	4650.6	4599.3	4530.7	4445.7	4343.1
-62.5°	3902.0	3923.2	3934.8	3932.1	3934.8	3923.2	3902.0	3865.4	3813.9	3749.2	3673.9
-65°	3195.7	3203.3	3200.5	3185.0	3200.5	3203.3	3195.7	3175.5	3142.7	3101.9	3052.5
-67.5°	2578.6	2579.3	2590.3	2595.2	2590.3	2579.3	2578.6	2567.9	2547.1	2520.0	2488.1
-70°	2045.0	2041.8	2045.9	2044.7	2045.9	2041.8	2045.0	2042.7	2035.8	2025.9	2010.7
-72.5°	1589.8	1564.5	1541.8	1513.9	1541.8	1564.5	1589.8	1611.4	1630.3	1641.0	1630.3
-75°	1188.1	1136.4	1105.1	1071.5	1105.1	1136.4	1188.1	1236.8	1282.9	1318.1	1314.6
-77.5°	860.4	794.4	766.2	737.3	766.2	794.4	860.4	923.1	982.5	1031.6	1035.2
-80°	579.7	519.6	496.0	471.9	496.0	519.6	579.7	637.2	691.7	739.8	752.8
-82.5°	348.0	303.7	289.6	275.2	289.6	303.7	348.0	390.6	431.2	467.9	471.6
-85°	172.4	146.8	137.5	127.8	137.5	146.8	172.4	196.9	219.9	240.8	233.3
-87.5°	31.7	29.4	29.5	29.5	29.5	29.4	31.7	33.9	36.0	38.0	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



REPORT NUMBER: P627961 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-750-U-VWR-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°	36.9	36.3	35.6	34.9	34.0	33.1	32.2	31.2	30.1	29.0	27.8
85°	225.1	216.3	207.0	197.1	186.7	175.8	164.2	144.0	125.1	107.6	92.5
82.5°	472.6	470.5	463.7	437.0	410.1	383.0	354.6	312.2	270.6	230.1	194.8
80°	761.9	767.0	762.0	717.6	672.5	627.0	578.8	516.9	454.2	394.6	349.9
77.5°	1037.5	1038.7	1030.3	986.1	937.4	884.3	823.6	749.1	674.4	599.0	541.5
75°	1308.1	1299.0	1280.4	1239.7	1191.1	1133.9	1074.5	1009.0	932.5	844.6	769.3
72.5°	1614.6	1593.8	1564.8	1524.9	1477.6	1427.1	1365.4	1293.0	1213.0	1125.3	1045.8
70°	1986.9	1954.1	1910.6	1856.4	1803.0	1747.3	1681.1	1601.5	1508.2	1411.4	1322.7
67.5°	2446.8	2396.3	2334.8	2269.2	2203.0	2125.5	2036.6	1939.4	1843.1	1735.5	1614.0
65°	2991.1	2917.8	2828.6	2743.9	2651.4	2550.6	2437.0	2324.3	2206.5	2077.3	1923.2
62.5°	3589.3	3496.3	3375.1	3252.2	3126.6	2997.3	2858.0	2719.5	2578.8	2426.6	2253.1
60°	4223.3	4084.9	3945.6	3793.1	3627.4	3453.8	3295.5	3127.2	2949.4	2777.0	2586.7
57.5°	4926.2	4755.9	4574.0	4379.5	4173.7	3970.8	3765.8	3554.1	3352.9	3142.9	2927.5
55°	5705.4	5504.4	5275.9	5025.1	4765.5	4530.2	4273.8	4017.1	3774.8	3519.9	3282.6
52.5°	6535.3	6294.6	6029.7	5744.9	5449.5	5143.8	4832.3	4537.4	4222.0	3933.5	3646.7
50°	7391.2	7115.3	6810.0	6482.8	6154.2	5799.9	5443.5	5089.0	4731.6	4377.8	4034.2
47.5°	8260.4	7961.6	7622.3	7260.2	6884.0	6488.3	6082.7	5656.4	5261.0	4850.7	4460.2
45°	9215.7	8847.1	8466.9	8068.1	7638.0	7201.5	6746.4	6279.7	5804.0	5352.8	4895.0
42.5°	10176.8	9762.1	9322.3	8883.8	8414.7	7925.8	7418.2	6903.8	6381.1	5860.7	5360.4
40°	11133.9	10685.4	10205.8	9704.5	9193.0	8654.4	8098.7	7526.6	6959.0	6386.7	5820.7
37.5°	12113.0	11628.4	11108.9	10556.9	9983.9	9387.2	8775.9	8156.4	7530.5	6914.6	6300.8
35°	13117.2	12586.7	12013.4	11410.5	10779.9	10126.7	9456.0	8777.6	8104.3	7438.3	6773.1
32.5°	14112.5	13537.6	12919.5	12259.6	11565.5	10854.5	10133.5	9400.9	8663.9	7952.7	7244.3
30°	15116.1	14479.6	13809.9	13097.0	12344.3	11570.2	10789.1	10013.0	9227.5	8444.9	7695.5
27.5°	16099.4	15404.7	14677.0	13906.3	13102.2	12271.6	11432.3	10604.1	9766.3	8934.2	8126.2
25°	17056.4	16306.4	15503.6	14680.3	13827.7	12942.4	12040.3	11164.0	10289.2	9398.7	8512.6
22.5°	17977.4	17156.3	16291.1	15410.4	14513.5	13583.2	12621.2	11676.8	10771.5	9815.3	8889.3
20°	18826.7	17945.1	17021.2	16093.6	15145.0	14193.2	13162.4	12157.9	11184.1	10202.3	9230.8
17.5°	19580.2	18684.5	17715.4	16737.7	15727.8	14725.7	13668.3	12595.6	11563.8	10546.1	9531.4
15°	20244.4	19349.5	18368.0	17337.1	16258.9	15164.4	14096.6	12982.5	11909.8	10850.1	9809.3
12.5°	20847.6	19910.7	18930.6	17840.3	16695.6	15553.8	14443.3	13321.3	12217.6	11128.2	10059.3
10°	21389.0	20370.4	19333.3	18228.4	17061.1	15882.3	14738.8	13606.4	12479.5	11366.3	10265.4
7.5°	21760.0	20711.5	19639.8	18538.7	17369.5	16172.3	14994.4	13835.3	12683.7	11556.0	10426.2
5°	22033.9	20980.6	19905.6	18789.0	17609.0	16388.7	15182.8	14001.3	12829.0	11694.8	10540.7
2.5°	22244.2	21164.6	20086.9	18945.6	17763.9	16534.8	15317.6	14126.1	12944.4	11796.5	10641.9
0°	22393.3	21233.4	20191.4	19070.7	17861.6	16623.0	15404.0	14204.7	13015.3	11845.5	10695.3
-2.5°	22244.2	21164.6	20086.9	18945.6	17763.9	16534.8	15317.6	14126.1	12944.4	11796.5	10641.9
-5°	22033.9	20980.6	19905.6	18789.0	17609.0	16388.7	15182.8	14001.3	12829.0	11694.8	10540.7
-7.5°	21760.0	20711.5	19639.8	18538.7	17369.5	16172.3	14994.4	13835.3	12683.7	11556.0	10426.2
-10°	21389.0	20370.4	19333.3	18228.4	17061.1	15882.3	14738.8	13606.4	12479.5	11366.3	10265.4
-12.5°	20847.6	19910.7	18930.6	17840.3	16695.6	15553.8	14443.3	13321.3	12217.6	11128.2	10059.3
-15°	20244.4	19349.5	18368.0	17337.1	16258.9	15164.4	14096.6	12982.5	11909.8	10850.1	9809.3
-17.5°	19580.2	18684.5	17715.4	16737.7	15727.8	14725.7	13668.3	12595.6	11563.8	10546.1	9531.4
-20°	18826.7	17945.1	17021.2	16093.6	15145.0	14193.2	13162.4	12157.9	11184.1	10202.3	9230.8



REPORT NUMBER: P627961 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-750-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	17977.4	17156.3	16291.1	15410.4	14513.5	13583.2	12621.2	11676.8	10771.5	9815.3	8889.3
-25°	17056.4	16306.4	15503.6	14680.3	13827.7	12942.4	12040.3	11164.0	10289.2	9398.7	8512.6
-27.5°	16099.4	15404.7	14677.0	13906.3	13102.2	12271.6	11432.3	10604.1	9766.3	8934.2	8126.2
-30°	15116.1	14479.6	13809.9	13097.0	12344.3	11570.2	10789.1	10013.0	9227.5	8444.9	7695.5
-32.5°	14112.5	13537.6	12919.5	12259.6	11565.5	10854.5	10133.5	9400.9	8663.9	7952.7	7244.3
-35°	13117.2	12586.7	12013.4	11410.5	10779.9	10126.7	9456.0	8777.6	8104.3	7438.3	6773.1
-37.5°	12113.0	11628.4	11108.9	10556.9	9983.9	9387.2	8775.9	8156.4	7530.5	6914.6	6300.8
-40°	11133.9	10685.4	10205.8	9704.5	9193.0	8654.4	8098.7	7526.6	6959.0	6386.7	5820.7
-42.5°	10176.8	9762.1	9322.3	8883.8	8414.7	7925.8	7418.2	6903.8	6381.1	5860.7	5360.4
-45°	9215.7	8847.1	8466.9	8068.1	7638.0	7201.5	6746.4	6279.7	5804.0	5352.8	4895.0
-47.5°	8260.4	7961.6	7622.3	7260.2	6884.0	6488.3	6082.7	5656.4	5261.0	4850.7	4460.2
-50°	7391.2	7115.3	6810.0	6482.8	6154.2	5799.9	5443.5	5089.0	4731.6	4377.8	4034.2
-52.5°	6535.3	6294.6	6029.7	5744.9	5449.5	5143.8	4832.3	4537.4	4222.0	3933.5	3646.7
-55°	5705.4	5504.4	5275.9	5025.1	4765.5	4530.2	4273.8	4017.1	3774.8	3519.9	3282.6
-57.5°	4926.2	4755.9	4574.0	4379.5	4173.7	3970.8	3765.8	3554.1	3352.9	3142.9	2927.5
-60°	4223.3	4084.9	3945.6	3793.1	3627.4	3453.8	3295.5	3127.2	2949.4	2777.0	2586.7
-62.5°	3589.3	3496.3	3375.1	3252.2	3126.6	2997.3	2858.0	2719.5	2578.8	2426.6	2253.1
-65°	2991.1	2917.8	2828.6	2743.9	2651.4	2550.6	2437.0	2324.3	2206.5	2077.3	1923.2
-67.5°	2446.8	2396.3	2334.8	2269.2	2203.0	2125.5	2036.6	1939.4	1843.1	1735.5	1614.0
-70°	1986.9	1954.1	1910.6	1856.4	1803.0	1747.3	1681.1	1601.5	1508.2	1411.4	1322.7
-72.5°	1614.6	1593.8	1564.8	1524.9	1477.6	1427.1	1365.4	1293.0	1213.0	1125.3	1045.8
-75°	1308.1	1299.0	1280.4	1239.7	1191.1	1133.9	1074.5	1009.0	932.5	844.6	769.3
-77.5°	1037.5	1038.7	1030.3	986.1	937.4	884.3	823.6	749.1	674.4	599.0	541.5
-80°	761.9	767.0	762.0	717.6	672.5	627.0	578.8	516.9	454.2	394.6	349.9
-82.5°	472.6	470.5	463.7	437.0	410.1	383.0	354.6	312.2	270.6	230.1	194.8
-85°	225.1	216.3	207.0	197.1	186.7	175.8	164.2	144.0	125.1	107.6	92.5
-87.5°	36.9	36.3	35.6	34.9	34.0	33.1	32.2	31.2	30.1	29.0	27.8
-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: P627961 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-750-U-VWR-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°	28.2	28.5	28.5	28.2	25.1	22.1	19.3	16.6	15.0	13.4	11.8
85°	92.9	90.7	85.8	77.9	61.3	44.1	38.5	33.2	30.0	26.9	23.6
82.5°	194.1	196.1	196.0	190.2	167.8	144.3	119.6	94.0	69.7	44.3	35.4
80°	350.5	346.7	338.5	322.5	285.7	244.3	213.0	180.6	149.0	115.9	81.5
77.5°	529.9	514.8	496.3	475.3	436.3	390.5	337.9	278.3	227.9	187.2	144.8
75°	730.5	706.3	680.3	645.4	595.3	538.0	480.2	410.7	333.4	260.6	207.7
72.5°	981.9	923.6	871.4	822.3	768.0	704.1	630.4	540.8	446.9	358.3	275.2
70°	1236.6	1149.1	1071.0	1004.1	938.8	871.8	790.7	680.3	558.3	454.0	356.2
67.5°	1495.2	1391.8	1287.3	1187.2	1104.7	1025.8	947.6	819.2	679.4	547.6	435.3
65°	1780.8	1642.6	1509.9	1386.2	1274.2	1175.5	1083.8	949.2	796.9	648.7	512.3
62.5°	2074.8	1898.6	1741.4	1583.7	1444.2	1324.2	1214.0	1065.5	909.1	746.4	592.7
60°	2383.9	2183.3	1974.3	1790.2	1619.1	1467.4	1333.9	1180.2	1014.2	840.5	672.5
57.5°	2709.4	2473.5	2238.8	2006.0	1800.6	1618.6	1450.6	1288.9	1117.5	933.2	746.9
55°	3039.1	2785.1	2507.4	2245.0	1993.1	1776.6	1574.1	1393.2	1217.2	1024.4	811.1
52.5°	3369.3	3090.3	2792.3	2489.2	2207.1	1936.1	1709.9	1494.8	1309.0	1113.5	877.9
50°	3714.7	3394.8	3075.5	2748.0	2420.1	2123.1	1841.0	1611.3	1398.0	1198.1	941.4
47.5°	4074.2	3717.7	3362.3	3004.5	2652.8	2302.0	1994.2	1725.5	1484.2	1274.7	1000.4
45°	4468.2	4051.3	3657.9	3271.0	2873.3	2495.3	2149.3	1834.7	1581.8	1334.3	1054.7
42.5°	4861.9	4403.5	3963.9	3533.5	3104.0	2687.4	2296.2	1963.3	1675.1	1391.4	1104.7
40°	5280.7	4756.8	4269.5	3802.5	3329.4	2870.0	2459.0	2088.6	1762.5	1450.7	1152.1
37.5°	5687.9	5119.0	4583.5	4059.4	3550.2	3067.3	2615.5	2206.2	1845.5	1517.2	1197.0
35°	6118.9	5482.9	4873.8	4318.0	3777.4	3254.3	2762.0	2324.6	1941.1	1582.1	1239.3
32.5°	6535.3	5838.8	5185.5	4573.1	3994.5	3430.7	2912.8	2450.0	2032.9	1645.1	1278.8
30°	6944.6	6195.9	5484.2	4814.3	4204.8	3615.6	3063.9	2567.2	2120.7	1705.8	1318.5
27.5°	7321.8	6526.7	5770.4	5063.6	4411.4	3791.2	3206.6	2675.9	2204.0	1768.3	1364.5
25°	7673.3	6844.9	6052.6	5303.5	4603.2	3957.4	3338.2	2776.6	2288.8	1833.5	1407.2
22.5°	8003.0	7140.5	6308.4	5524.5	4780.8	4110.1	3466.3	2883.6	2369.1	1893.6	1446.3
20°	8302.7	7406.6	6537.4	5724.8	4953.6	4255.5	3589.7	2979.7	2440.8	1948.0	1481.5
17.5°	8572.7	7649.8	6756.1	5912.0	5114.5	4384.7	3699.2	3064.4	2503.8	1996.6	1512.5
15°	8823.3	7870.9	6949.3	6075.5	5253.9	4497.2	3794.6	3137.5	2557.8	2038.8	1542.0
12.5°	9038.7	8060.5	7113.3	6214.3	5371.2	4592.4	3875.2	3198.6	2602.6	2076.9	1569.8
10°	9216.1	8217.3	7247.2	6327.9	5466.1	4670.0	3940.8	3250.1	2644.6	2109.9	1591.2
7.5°	9354.2	8340.0	7350.4	6415.5	5541.4	4734.8	3996.5	3294.6	2678.5	2135.2	1606.2
5°	9458.8	8435.9	7440.2	6488.8	5610.7	4787.1	4037.1	3326.5	2703.1	2152.7	1614.7
2.5°	9551.8	8507.7	7510.7	6536.4	5657.7	4821.2	4061.6	3345.7	2718.0	2161.9	1616.7
0°	9604.2	8542.5	7549.6	6556.8	5681.9	4836.5	4069.7	3352.1	2723.0	2162.7	1612.2
-2.5°	9551.8	8507.7	7510.7	6536.4	5657.7	4821.2	4061.6	3345.7	2718.0	2161.9	1616.7
-5°	9458.8	8435.9	7440.2	6488.8	5610.7	4787.1	4037.1	3326.5	2703.1	2152.7	1614.7
-7.5°	9354.2	8340.0	7350.4	6415.5	5541.4	4734.8	3996.5	3294.6	2678.5	2135.2	1606.2
-10°	9216.1	8217.3	7247.2	6327.9	5466.1	4670.0	3940.8	3250.1	2644.6	2109.9	1591.2
-12.5°	9038.7	8060.5	7113.3	6214.3	5371.2	4592.4	3875.2	3198.6	2602.6	2076.9	1569.8
-15°	8823.3	7870.9	6949.3	6075.5	5253.9	4497.2	3794.6	3137.5	2557.8	2038.8	1542.0
-17.5°	8572.7	7649.8	6756.1	5912.0	5114.5	4384.7	3699.2	3064.4	2503.8	1996.6	1512.5
-20°	8302.7	7406.6	6537.4	5724.8	4953.6	4255.5	3589.7	2979.7	2440.8	1948.0	1481.5



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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°	8003.0	7140.5	6308.4	5524.5	4780.8	4110.1	3466.3	2883.6	2369.1	1893.6	1446.3
-25°	7673.3	6844.9	6052.6	5303.5	4603.2	3957.4	3338.2	2776.6	2288.8	1833.5	1407.2
-27.5°	7321.8	6526.7	5770.4	5063.6	4411.4	3791.2	3206.6	2675.9	2204.0	1768.3	1364.5
-30°	6944.6	6195.9	5484.2	4814.3	4204.8	3615.6	3063.9	2567.2	2120.7	1705.8	1318.5
-32.5°	6535.3	5838.8	5185.5	4573.1	3994.5	3430.7	2912.8	2450.0	2032.9	1645.1	1278.8
-35°	6118.9	5482.9	4873.8	4318.0	3777.4	3254.3	2762.0	2324.6	1941.1	1582.1	1239.3
-37.5°	5687.9	5119.0	4583.5	4059.4	3550.2	3067.3	2615.5	2206.2	1845.5	1517.2	1197.0
-40°	5280.7	4756.8	4269.5	3802.5	3329.4	2870.0	2459.0	2088.6	1762.5	1450.7	1152.1
-42.5°	4861.9	4403.5	3963.9	3533.5	3104.0	2687.4	2296.2	1963.3	1675.1	1391.4	1104.7
-45°	4468.2	4051.3	3657.9	3271.0	2873.3	2495.3	2149.3	1834.7	1581.8	1334.3	1054.7
-47.5°	4074.2	3717.7	3362.3	3004.5	2652.8	2302.0	1994.2	1725.5	1484.2	1274.7	1000.4
-50°	3714.7	3394.8	3075.5	2748.0	2420.1	2123.1	1841.0	1611.3	1398.0	1198.1	941.4
-52.5°	3369.3	3090.3	2792.3	2489.2	2207.1	1936.1	1709.9	1494.8	1309.0	1113.5	877.9
-55°	3039.1	2785.1	2507.4	2245.0	1993.1	1776.6	1574.1	1393.2	1217.2	1024.4	811.1
-57.5°	2709.4	2473.5	2238.8	2006.0	1800.6	1618.6	1450.6	1288.9	1117.5	933.2	746.9
-60°	2383.9	2183.3	1974.3	1790.2	1619.1	1467.4	1333.9	1180.2	1014.2	840.5	672.5
-62.5°	2074.8	1898.6	1741.4	1583.7	1444.2	1324.2	1214.0	1065.5	909.1	746.4	592.7
-65°	1780.8	1642.6	1509.9	1386.2	1274.2	1175.5	1083.8	949.2	796.9	648.7	512.3
-67.5°	1495.2	1391.8	1287.3	1187.2	1104.7	1025.8	947.6	819.2	679.4	547.6	435.3
-70°	1236.6	1149.1	1071.0	1004.1	938.8	871.8	790.7	680.3	558.3	454.0	356.2
-72.5°	981.9	923.6	871.4	822.3	768.0	704.1	630.4	540.8	446.9	358.3	275.2
-75°	730.5	706.3	680.3	645.4	595.3	538.0	480.2	410.7	333.4	260.6	207.7
-77.5°	529.9	514.8	496.3	475.3	436.3	390.5	337.9	278.3	227.9	187.2	144.8
-80°	350.5	346.7	338.5	322.5	285.7	244.3	213.0	180.6	149.0	115.9	81.5
-82.5°	194.1	196.1	196.0	190.2	167.8	144.3	119.6	94.0	69.7	44.3	35.4
-85°	92.9	90.7	85.8	77.9	61.3	44.1	38.5	33.2	30.0	26.9	23.6
-87.5°	28.2	28.5	28.5	28.2	25.1	22.1	19.3	16.6	15.0	13.4	11.8
-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):

	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°	10.2	8.5	6.8	5.1	3.4	1.5	0.0
85°	20.3	17.0	13.6	10.2	6.8	3.0	0.0
82.5°	30.4	25.4	20.4	15.3	10.2	4.5	0.0
80°	45.8	33.9	27.2	20.4	13.6	6.0	0.0
77.5°	99.8	53.1	33.9	25.4	16.9	7.4	0.0
75°	152.5	91.9	44.1	30.4	20.1	8.9	0.0
72.5°	203.6	129.6	70.3	35.4	23.3	10.3	0.0
70°	254.6	165.9	95.7	42.4	26.5	11.7	0.0
67.5°	315.8	200.7	120.1	58.1	29.5	13.0	0.0
65°	374.4	239.7	143.4	73.1	32.4	14.3	0.0
62.5°	430.0	282.4	165.4	87.5	35.2	15.6	0.0
60°	482.4	322.8	186.2	101.1	38.0	16.9	0.0
57.5°	537.6	360.7	213.8	113.9	45.6	18.1	0.0
55°	589.9	396.0	240.1	125.9	53.1	19.2	0.0
52.5°	638.3	429.4	264.6	136.9	60.3	20.3	0.0
50°	682.7	465.0	287.2	147.0	67.2	21.4	0.0
47.5°	724.2	497.5	307.7	157.5	73.7	22.4	0.0
45°	770.5	526.8	326.2	171.1	80.0	23.3	0.0
42.5°	812.8	552.8	342.6	183.5	85.9	24.2	0.0
40°	851.3	575.6	359.0	196.1	91.4	25.0	0.0
37.5°	885.7	595.0	375.4	208.6	96.6	25.8	0.0
35°	916.0	617.5	389.4	220.3	101.4	26.5	0.0
32.5°	944.1	640.0	401.1	231.0	105.9	27.1	0.0
30°	973.3	659.2	410.5	240.8	109.9	27.7	0.0
27.5°	999.6	675.1	424.5	249.7	113.6	28.2	0.0
25°	1022.6	687.6	437.7	257.7	116.9	28.6	0.0
22.5°	1042.4	700.3	449.3	264.7	119.8	29.0	0.0
20°	1058.8	717.7	459.3	270.8	122.3	29.3	0.0
17.5°	1079.2	732.0	467.7	275.9	124.3	29.5	0.0
15°	1100.4	743.0	474.5	280.1	126.0	29.7	0.0
12.5°	1117.7	751.0	479.6	283.3	127.3	29.8	0.0
10°	1130.8	756.0	483.2	285.5	128.2	29.9	0.0
7.5°	1139.8	757.9	485.2	286.8	128.7	29.9	0.0
5°	1144.4	757.1	485.6	287.2	128.8	29.8	0.0
2.5°	1144.6	753.4	484.4	286.6	128.5	29.7	0.0
0°	1140.3	747.1	481.7	285.1	127.8	29.5	0.0
-2.5°	1144.6	753.4	484.4	286.6	128.5	29.7	0.0
-5°	1144.4	757.1	485.6	287.2	128.8	29.8	0.0
-7.5°	1139.8	757.9	485.2	286.8	128.7	29.9	0.0
-10°	1130.8	756.0	483.2	285.5	128.2	29.9	0.0
-12.5°	1117.7	751.0	479.6	283.3	127.3	29.8	0.0
-15°	1100.4	743.0	474.5	280.1	126.0	29.7	0.0
-17.5°	1079.2	732.0	467.7	275.9	124.3	29.5	0.0
-20°	1058.8	717.7	459.3	270.8	122.3	29.3	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	1042.4	700.3	449.3	264.7	119.8	29.0	0.0
-25°	1022.6	687.6	437.7	257.7	116.9	28.6	0.0
-27.5°	999.6	675.1	424.5	249.7	113.6	28.2	0.0
-30°	973.3	659.2	410.5	240.8	109.9	27.7	0.0
-32.5°	944.1	640.0	401.1	231.0	105.9	27.1	0.0
-35°	916.0	617.5	389.4	220.3	101.4	26.5	0.0
-37.5°	885.7	595.0	375.4	208.6	96.6	25.8	0.0
-40°	851.3	575.6	359.0	196.1	91.4	25.0	0.0
-42.5°	812.8	552.8	342.6	183.5	85.9	24.2	0.0
-45°	770.5	526.8	326.2	171.1	80.0	23.3	0.0
-47.5°	724.2	497.5	307.7	157.5	73.7	22.4	0.0
-50°	682.7	465.0	287.2	147.0	67.2	21.4	0.0
-52.5°	638.3	429.4	264.6	136.9	60.3	20.3	0.0
-55°	589.9	396.0	240.1	125.9	53.1	19.2	0.0
-57.5°	537.6	360.7	213.8	113.9	45.6	18.1	0.0
-60°	482.4	322.8	186.2	101.1	38.0	16.9	0.0
-62.5°	430.0	282.4	165.4	87.5	35.2	15.6	0.0
-65°	374.4	239.7	143.4	73.1	32.4	14.3	0.0
-67.5°	315.8	200.7	120.1	58.1	29.5	13.0	0.0
-70°	254.6	165.9	95.7	42.4	26.5	11.7	0.0
-72.5°	203.6	129.6	70.3	35.4	23.3	10.3	0.0
-75°	152.5	91.9	44.1	30.4	20.1	8.9	0.0
-77.5°	99.8	53.1	33.9	25.4	16.9	7.4	0.0
-80°	45.8	33.9	27.2	20.4	13.6	6.0	0.0
-82.5°	30.4	25.4	20.4	15.3	10.2	4.5	0.0
-85°	20.3	17.0	13.6	10.2	6.8	3.0	0.0
-87.5°	10.2	8.5	6.8	5.1	3.4	1.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)