

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: P559259 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-940-U-WR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559259 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-6)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA6E-940-U-WR-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, WIDE SYMMETRICAL ROUND N6
Light Source: (96) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

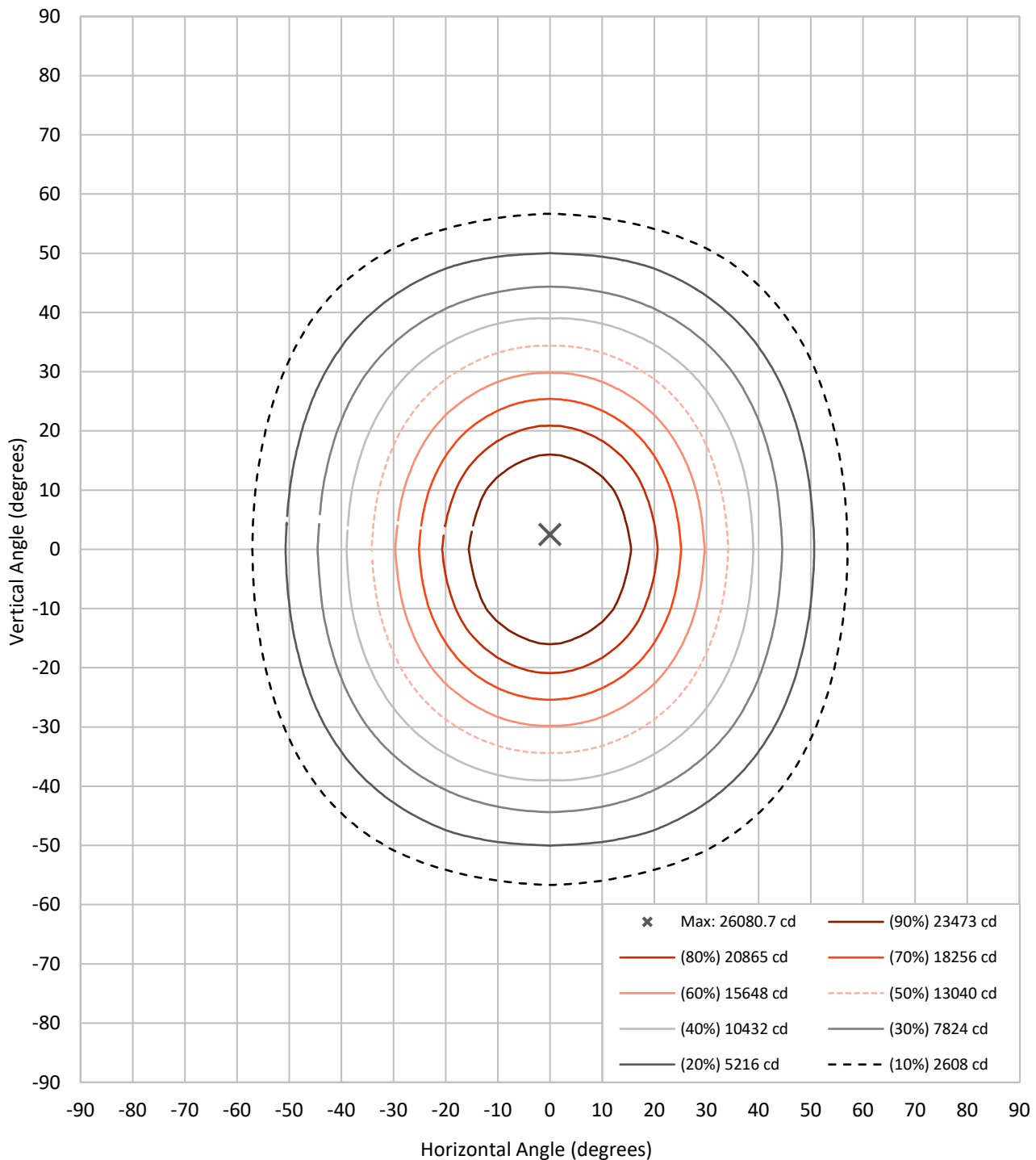
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	35298 lumens	Max Intensity:	26080.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	95.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	21163.6 lumens	Field Lumens:	33719 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 368
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Candela Plot





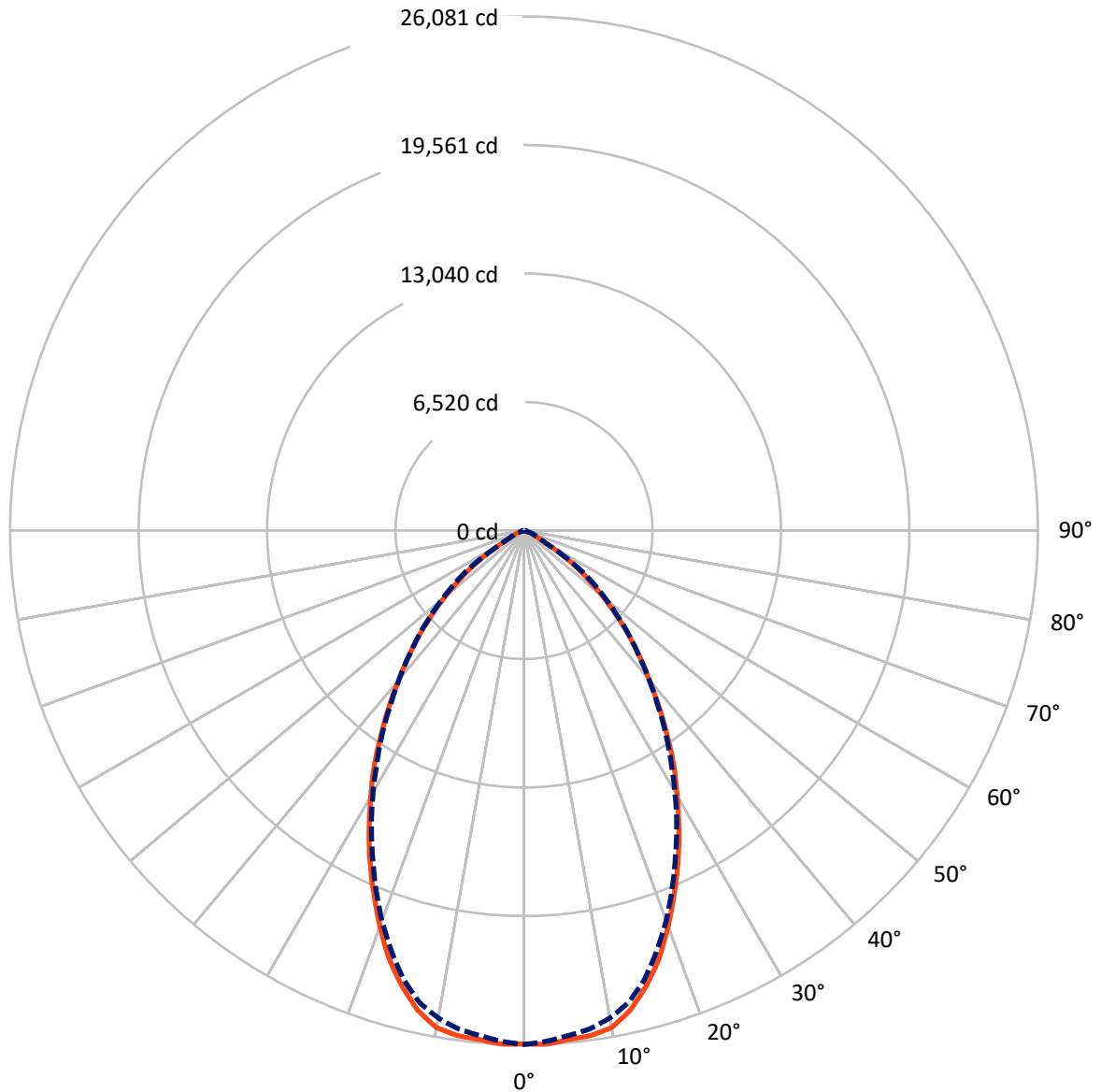
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Lumen Table

90																
80	0.3	3.4		8.5		14.7		10.4		14.7		8.5		3.4		0.3
70																
60	1.6	2.4	4.7	7.5	10.9	14.2	17.5	19.7	19.7	17.5	14.2	10.9	7.5	4.7	2.4	1.6
50		3.9	7.9	14.2	27.4	53.1	79.6	95.2	95.2	79.6	53.1	27.4	14.2	7.9	3.9	
40	2.8	5.1	11.6	33.8	89.0	148.0	196.8	224.4	224.4	196.8	148.0	89.0	33.8	11.6	5.1	2.8
30		6.2	19.9	78.0	159.8	249.4	330.5	379.1	379.1	330.5	249.4	159.8	78.0	19.9	6.2	
20	3.0	7.5	36.1	117.9	226.6	354.7	474.1	549.2	549.2	474.1	354.7	226.6	117.9	36.1	7.5	3.0
10		8.9	51.6	146.7	279.3	443.2	603.6	705.1	705.1	603.6	443.2	279.3	146.7	51.6	8.9	
0	3.1	9.7	60.2	162.1	309.0	495.2	678.0	775.1	775.1	678.0	495.2	309.0	162.1	60.2	9.7	3.1
-10		9.7	60.2	162.1	309.0	495.2	678.0	775.1	775.1	678.0	495.2	309.0	162.1	60.2	9.7	
-20	3.0	8.9	51.6	146.7	279.3	443.2	603.6	705.1	705.1	603.6	443.2	279.3	146.7	51.6	8.9	3.0
-30		7.5	36.1	117.9	226.6	354.7	474.1	549.2	549.2	474.1	354.7	226.6	117.9	36.1	7.5	
-40	2.8	6.2	19.9	78.0	159.8	249.4	330.5	379.1	379.1	330.5	249.4	159.8	78.0	19.9	6.2	2.8
-50		5.1	11.6	33.8	89.0	148.0	196.8	224.4	224.4	196.8	148.0	89.0	33.8	11.6	5.1	
-60	1.6	3.9	7.9	14.2	27.4	53.1	79.6	95.2	95.2	79.6	53.1	27.4	14.2	7.9	3.9	1.6
-70		2.4	4.7	7.5	10.9	14.2	17.5	19.7	19.7	17.5	14.2	10.9	7.5	4.7	2.4	
-80																
-90	0.3	3.4		8.5		14.7		10.4		14.7		8.5		3.4		0.3

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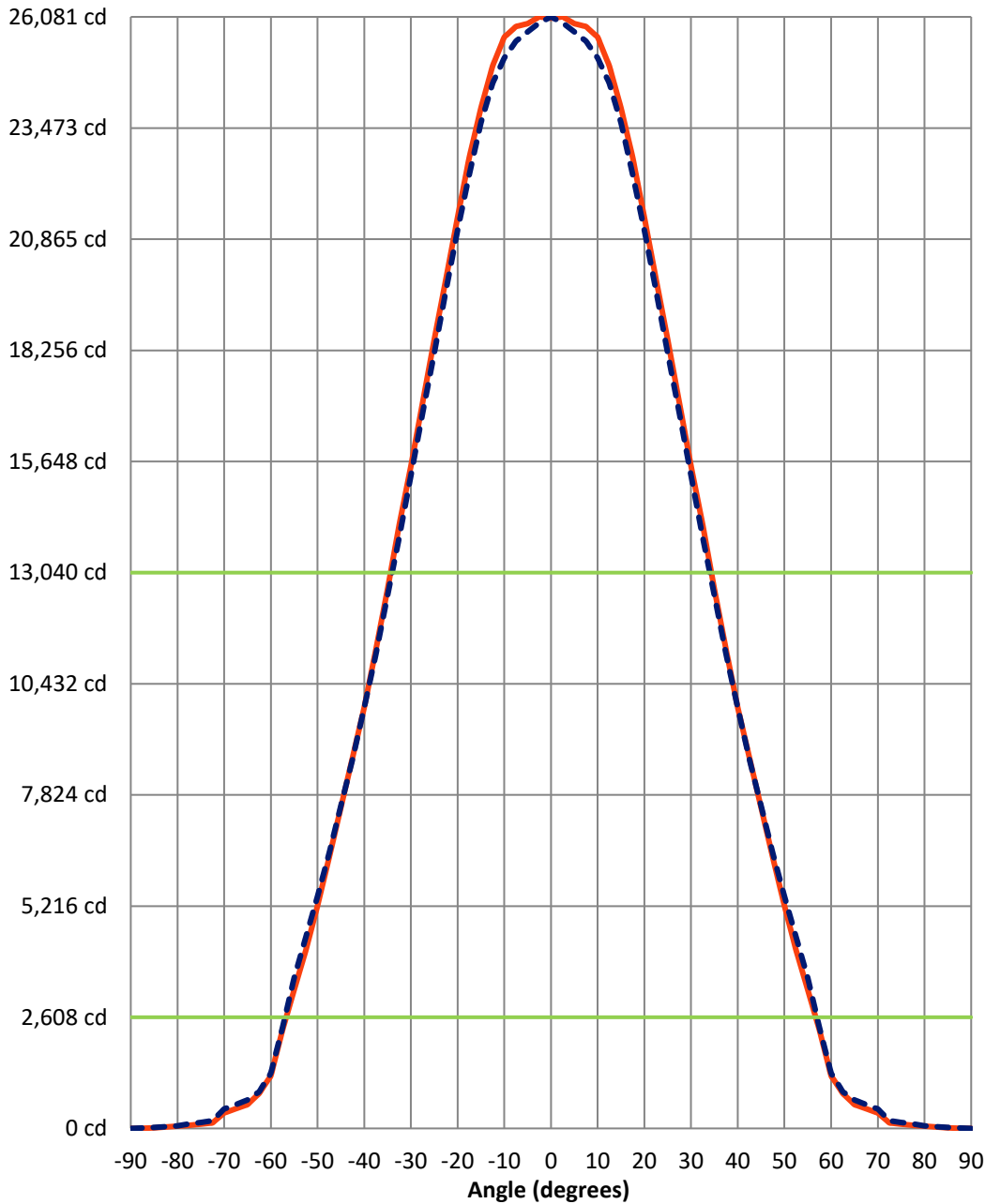
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 2.5-Deg

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Luminous Intensity Plot



Beam:
H Angle: 68°
V Angle: 68.7°
Lumens: 21163.6
Efficiency: 60.0%

Field:
H Angle: 114°
V Angle: 113.4°
Lumens: 33719
Efficiency: 95.5%

Spill:
Lumens: 1579
Efficiency: 4.5%

- Vertical Distribution through 0-Deg
- - Horizontal Distribution through 2.5-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.0	3.5	3.9	4.3
85°	0.0	0.9	1.8	2.6	3.5	4.4	5.2	6.1	6.9	7.7	8.5
82.5°	0.0	1.3	2.6	3.9	5.2	6.5	7.8	9.1	10.8	14.8	19.0
80°	0.0	1.8	3.5	5.2	7.0	8.7	11.0	16.2	21.6	27.2	32.9
77.5°	0.0	2.2	4.4	6.5	8.7	12.0	18.5	25.3	32.2	39.4	49.1
75°	0.0	2.6	5.2	7.8	10.7	17.3	25.8	34.3	43.5	58.1	72.5
72.5°	0.0	3.0	6.1	9.1	14.2	22.4	32.9	45.1	62.2	79.1	95.7
70°	0.0	3.5	6.9	10.5	17.6	27.3	40.4	61.3	80.7	100.0	127.4
67.5°	0.0	3.9	7.7	12.5	20.8	32.1	52.8	77.3	99.0	127.8	160.2
65°	0.0	4.3	8.5	14.4	23.9	38.3	64.3	93.0	121.4	154.6	191.3
62.5°	0.0	4.7	9.3	16.3	26.8	45.9	75.1	110.0	142.9	180.9	220.9
60°	0.0	5.0	10.1	18.0	29.5	52.9	84.9	126.8	163.3	209.2	250.8
57.5°	0.0	5.4	11.1	19.6	33.6	59.2	94.8	142.0	188.2	237.5	275.8
55°	0.0	5.8	12.1	21.1	37.4	64.8	103.6	153.8	214.3	264.1	298.4
52.5°	0.0	6.1	13.0	22.5	40.7	69.7	111.2	171.3	240.3	285.0	320.9
50°	0.0	6.5	13.9	23.7	43.5	74.3	117.5	187.6	264.0	305.6	344.7
47.5°	0.0	6.8	14.8	24.9	45.9	78.0	123.4	201.8	282.4	326.1	367.2
45°	0.0	7.1	15.6	26.2	47.7	80.8	133.4	213.8	290.4	344.8	388.1
42.5°	0.0	7.4	16.4	27.2	49.0	82.7	141.7	220.5	295.6	362.0	411.2
40°	0.0	7.7	17.2	28.4	49.9	83.6	148.4	223.1	298.7	376.6	434.1
37.5°	0.0	8.0	18.0	29.8	50.3	83.6	153.3	223.8	301.9	382.9	456.3
35°	0.0	8.3	18.6	31.1	50.2	85.5	156.6	222.7	305.0	397.0	478.3
32.5°	0.0	8.5	19.3	32.3	49.5	87.8	157.3	219.7	308.1	414.8	500.2
30°	0.0	8.7	19.9	33.5	48.2	88.9	154.4	216.4	311.0	436.1	521.0
27.5°	0.0	9.0	20.5	34.5	49.5	89.0	150.2	217.1	318.7	460.5	540.5
25°	0.0	9.2	21.0	35.5	51.0	87.9	144.7	217.2	335.2	479.8	558.9
22.5°	0.0	9.3	21.5	36.4	52.4	87.9	138.2	216.7	352.6	494.5	582.5
20°	0.0	9.5	21.9	37.2	53.7	92.0	130.5	215.5	370.6	507.9	603.4
17.5°	0.0	9.6	22.3	37.9	54.9	95.7	129.1	213.5	388.7	519.9	621.7
15°	0.0	9.8	22.6	38.5	56.0	98.8	131.7	212.4	406.3	530.5	637.4
12.5°	0.0	9.9	22.9	39.0	57.1	101.4	134.1	211.0	421.9	539.5	650.4
10°	0.0	9.9	23.1	39.4	58.0	103.6	136.1	206.7	434.8	546.5	660.2
7.5°	0.0	10.0	23.3	39.8	58.8	105.2	137.8	200.2	445.2	552.1	665.9
5°	0.0	10.1	23.4	40.0	59.4	106.4	139.2	191.7	452.5	556.3	668.8
2.5°	0.0	10.1	23.5	40.2	59.9	107.1	140.2	181.8	456.3	559.0	669.2
0°	0.0	10.1	23.5	40.2	60.3	107.3	140.8	171.0	456.0	559.9	667.2
-2.5°	0.0	10.1	23.5	40.2	59.9	107.1	140.2	181.8	456.3	559.0	669.2
-5°	0.0	10.1	23.4	40.0	59.4	106.4	139.2	191.7	452.5	556.3	668.8
-7.5°	0.0	10.0	23.3	39.8	58.8	105.2	137.8	200.2	445.2	552.1	665.9
-10°	0.0	9.9	23.1	39.4	58.0	103.6	136.1	206.7	434.8	546.5	660.2
-12.5°	0.0	9.9	22.9	39.0	57.1	101.4	134.1	211.0	421.9	539.5	650.4
-15°	0.0	9.8	22.6	38.5	56.0	98.8	131.7	212.4	406.3	530.5	637.4
-17.5°	0.0	9.6	22.3	37.9	54.9	95.7	129.1	213.5	388.7	519.9	621.7
-20°	0.0	9.5	21.9	37.2	53.7	92.0	130.5	215.5	370.6	507.9	603.4



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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	9.3	21.5	36.4	52.4	87.9	138.2	216.7	352.6	494.5	582.5
-25°	0.0	9.2	21.0	35.5	51.0	87.9	144.7	217.2	335.2	479.8	558.9
-27.5°	0.0	9.0	20.5	34.5	49.5	89.0	150.2	217.1	318.7	460.5	540.5
-30°	0.0	8.7	19.9	33.5	48.2	88.9	154.4	216.4	311.0	436.1	521.0
-32.5°	0.0	8.5	19.3	32.3	49.5	87.8	157.3	219.7	308.1	414.8	500.2
-35°	0.0	8.3	18.6	31.1	50.2	85.5	156.6	222.7	305.0	397.0	478.3
-37.5°	0.0	8.0	18.0	29.8	50.3	83.6	153.3	223.8	301.9	382.9	456.3
-40°	0.0	7.7	17.2	28.4	49.9	83.6	148.4	223.1	298.7	376.6	434.1
-42.5°	0.0	7.4	16.4	27.2	49.0	82.7	141.7	220.5	295.6	362.0	411.2
-45°	0.0	7.1	15.6	26.2	47.7	80.8	133.4	213.8	290.4	344.8	388.1
-47.5°	0.0	6.8	14.8	24.9	45.9	78.0	123.4	201.8	282.4	326.1	367.2
-50°	0.0	6.5	13.9	23.7	43.5	74.3	117.5	187.6	264.0	305.6	344.7
-52.5°	0.0	6.1	13.0	22.5	40.7	69.7	111.2	171.3	240.3	285.0	320.9
-55°	0.0	5.8	12.1	21.1	37.4	64.8	103.6	153.8	214.3	264.1	298.4
-57.5°	0.0	5.4	11.1	19.6	33.6	59.2	94.8	142.0	188.2	237.5	275.8
-60°	0.0	5.0	10.1	18.0	29.5	52.9	84.9	126.8	163.3	209.2	250.8
-62.5°	0.0	4.7	9.3	16.3	26.8	45.9	75.1	110.0	142.9	180.9	220.9
-65°	0.0	4.3	8.5	14.4	23.9	38.3	64.3	93.0	121.4	154.6	191.3
-67.5°	0.0	3.9	7.7	12.5	20.8	32.1	52.8	77.3	99.0	127.8	160.2
-70°	0.0	3.5	6.9	10.5	17.6	27.3	40.4	61.3	80.7	100.0	127.4
-72.5°	0.0	3.0	6.1	9.1	14.2	22.4	32.9	45.1	62.2	79.1	95.7
-75°	0.0	2.6	5.2	7.8	10.7	17.3	25.8	34.3	43.5	58.1	72.5
-77.5°	0.0	2.2	4.4	6.5	8.7	12.0	18.5	25.3	32.2	39.4	49.1
-80°	0.0	1.8	3.5	5.2	7.0	8.7	11.0	16.2	21.6	27.2	32.9
-82.5°	0.0	1.3	2.6	3.9	5.2	6.5	7.8	9.1	10.8	14.8	19.0
-85°	0.0	0.9	1.8	2.6	3.5	4.4	5.2	6.1	6.9	7.7	8.5
-87.5°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.0	3.5	3.9	4.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.3	4.2	4.1	3.8	4.1	4.3	4.5	4.7	4.3	3.9	3.4
85°	8.6	8.4	9.5	10.2	11.3	12.0	12.3	12.3	13.8	15.7	17.9
82.5°	21.2	22.7	23.6	23.8	24.2	24.0	23.7	23.6	29.1	36.1	44.0
80°	35.7	37.2	42.8	48.9	52.0	52.0	49.2	43.9	52.0	65.0	80.7
77.5°	58.2	66.8	75.7	85.0	86.7	82.3	75.1	65.2	76.8	99.9	126.1
75°	84.7	96.3	109.5	119.3	119.4	112.3	102.9	100.9	120.4	148.4	171.5
72.5°	115.6	132.7	145.5	153.9	153.2	152.0	155.6	163.9	179.9	200.4	218.2
70°	153.2	170.2	179.6	184.0	185.6	195.0	208.8	219.3	230.7	250.9	269.6
67.5°	190.4	203.4	211.6	217.4	233.0	250.9	264.7	277.5	291.5	312.2	329.3
65°	223.4	236.8	248.5	265.9	288.8	305.6	322.2	339.3	363.8	386.9	400.8
62.5°	255.8	270.0	287.9	311.5	336.3	357.8	384.8	415.2	447.0	470.7	497.8
60°	280.9	301.2	326.4	354.6	384.0	419.1	453.7	489.4	522.0	553.7	593.6
57.5°	304.9	334.0	365.5	398.5	437.5	481.3	523.5	562.0	603.1	647.3	692.4
55°	331.0	369.1	404.1	443.5	491.2	546.8	593.7	639.3	688.4	762.8	827.8
52.5°	359.7	401.9	441.4	489.6	548.8	608.2	661.6	725.5	807.5	918.0	1097.2
50°	386.7	432.0	478.3	540.5	604.6	667.1	744.5	833.3	997.7	1203.7	1564.4
47.5°	413.6	461.7	522.9	590.2	659.9	742.5	840.4	1034.8	1258.8	1772.0	2283.3
45°	440.3	497.4	565.0	641.4	724.5	828.2	1031.5	1271.3	1880.9	2471.2	3086.0
42.5°	466.4	533.2	610.5	691.9	800.5	988.0	1250.1	1883.5	2543.3	3221.3	3811.5
40°	496.0	566.6	656.1	759.3	902.8	1187.6	1775.8	2488.9	3232.7	3873.2	4447.4
37.5°	523.9	607.4	704.6	824.7	1082.8	1558.1	2315.9	3106.9	3827.2	4453.0	5066.4
35°	549.4	646.9	762.8	942.9	1259.2	2042.4	2863.9	3668.3	4356.8	5025.0	5695.9
32.5°	579.4	685.1	818.7	1099.4	1663.7	2510.0	3384.2	4150.7	4871.6	5584.1	6350.6
30°	612.6	732.5	896.5	1248.8	2064.4	2964.3	3830.4	4613.3	5360.9	6152.2	6973.0
27.5°	643.8	778.1	1025.5	1538.3	2441.2	3388.5	4236.4	5042.0	5844.5	6687.1	7570.9
25°	672.2	821.6	1146.4	1855.9	2804.9	3750.4	4609.8	5429.8	6296.2	7212.0	8142.0
22.5°	702.8	863.9	1255.5	2145.0	3137.6	4072.6	4939.7	5809.0	6726.1	7696.8	8666.8
20°	735.8	954.2	1434.9	2412.1	3439.9	4365.4	5235.8	6161.5	7128.4	8133.6	9158.2
17.5°	765.9	1034.0	1649.3	2665.3	3694.1	4619.9	5502.2	6480.7	7478.2	8529.1	9608.3
15°	793.0	1103.3	1838.2	2889.4	3909.9	4836.1	5762.1	6764.0	7789.1	8883.7	10004.6
12.5°	816.7	1161.7	2000.6	3083.0	4091.8	5020.9	5980.5	7002.8	8066.2	9193.6	10361.8
10°	837.0	1209.4	2135.6	3245.0	4239.9	5173.5	6155.8	7201.7	8286.7	9443.3	10649.8
7.5°	849.9	1248.7	2242.5	3374.4	4354.1	5293.0	6288.1	7358.4	8448.0	9638.1	10867.6
5°	858.1	1280.8	2319.7	3470.0	4437.3	5383.0	6383.3	7471.0	8551.6	9774.9	11014.1
2.5°	862.0	1302.9	2366.7	3531.2	4489.5	5446.2	6462.1	7569.7	8660.6	9872.3	11127.6
0°	861.6	1314.3	2383.8	3557.2	4509.4	5475.0	6500.9	7620.7	8730.5	9914.0	11204.8
-2.5°	862.0	1302.9	2366.7	3531.2	4489.5	5446.2	6462.1	7569.7	8660.6	9872.3	11127.6
-5°	858.1	1280.8	2319.7	3470.0	4437.3	5383.0	6383.3	7471.0	8551.6	9774.9	11014.1
-7.5°	849.9	1248.7	2242.5	3374.4	4354.1	5293.0	6288.1	7358.4	8448.0	9638.1	10867.6
-10°	837.0	1209.4	2135.6	3245.0	4239.9	5173.5	6155.8	7201.7	8286.7	9443.3	10649.8
-12.5°	816.7	1161.7	2000.6	3083.0	4091.8	5020.9	5980.5	7002.8	8066.2	9193.6	10361.8
-15°	793.0	1103.3	1838.2	2889.4	3909.9	4836.1	5762.1	6764.0	7789.1	8883.7	10004.6
-17.5°	765.9	1034.0	1649.3	2665.3	3694.1	4619.9	5502.2	6480.7	7478.2	8529.1	9608.3
-20°	735.8	954.2	1434.9	2412.1	3439.9	4365.4	5235.8	6161.5	7128.4	8133.6	9158.2



REPORT NUMBER: P559259 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	702.8	863.9	1255.5	2145.0	3137.6	4072.6	4939.7	5809.0	6726.1	7696.8	8666.8
-25°	672.2	821.6	1146.4	1855.9	2804.9	3750.4	4609.8	5429.8	6296.2	7212.0	8142.0
-27.5°	643.8	778.1	1025.5	1538.3	2441.2	3388.5	4236.4	5042.0	5844.5	6687.1	7570.9
-30°	612.6	732.5	896.5	1248.8	2064.4	2964.3	3830.4	4613.3	5360.9	6152.2	6973.0
-32.5°	579.4	685.1	818.7	1099.4	1663.7	2510.0	3384.2	4150.7	4871.6	5584.1	6350.6
-35°	549.4	646.9	762.8	942.9	1259.2	2042.4	2863.9	3668.3	4356.8	5025.0	5695.9
-37.5°	523.9	607.4	704.6	824.7	1082.8	1558.1	2315.9	3106.9	3827.2	4453.0	5066.4
-40°	496.0	566.6	656.1	759.3	902.8	1187.6	1775.8	2488.9	3232.7	3873.2	4447.4
-42.5°	466.4	533.2	610.5	691.9	800.5	988.0	1250.1	1883.5	2543.3	3221.3	3811.5
-45°	440.3	497.4	565.0	641.4	724.5	828.2	1031.5	1271.3	1880.9	2471.2	3086.0
-47.5°	413.6	461.7	522.9	590.2	659.9	742.5	840.4	1034.8	1258.8	1772.0	2283.3
-50°	386.7	432.0	478.3	540.5	604.6	667.1	744.5	833.3	997.7	1203.7	1564.4
-52.5°	359.7	401.9	441.4	489.6	548.8	608.2	661.6	725.5	807.5	918.0	1097.2
-55°	331.0	369.1	404.1	443.5	491.2	546.8	593.7	639.3	688.4	762.8	827.8
-57.5°	304.9	334.0	365.5	398.5	437.5	481.3	523.5	562.0	603.1	647.3	692.4
-60°	280.9	301.2	326.4	354.6	384.0	419.1	453.7	489.4	522.0	553.7	593.6
-62.5°	255.8	270.0	287.9	311.5	336.3	357.8	384.8	415.2	447.0	470.7	497.8
-65°	223.4	236.8	248.5	265.9	288.8	305.6	322.2	339.3	363.8	386.9	400.8
-67.5°	190.4	203.4	211.6	217.4	233.0	250.9	264.7	277.5	291.5	312.2	329.3
-70°	153.2	170.2	179.6	184.0	185.6	195.0	208.8	219.3	230.7	250.9	269.6
-72.5°	115.6	132.7	145.5	153.9	153.2	152.0	155.6	163.9	179.9	200.4	218.2
-75°	84.7	96.3	109.5	119.3	119.4	112.3	102.9	100.9	120.4	148.4	171.5
-77.5°	58.2	66.8	75.7	85.0	86.7	82.3	75.1	65.2	76.8	99.9	126.1
-80°	35.7	37.2	42.8	48.9	52.0	52.0	49.2	43.9	52.0	65.0	80.7
-82.5°	21.2	22.7	23.6	23.8	24.2	24.0	23.7	23.6	29.1	36.1	44.0
-85°	8.6	8.4	9.5	10.2	11.3	12.0	12.3	12.3	13.8	15.7	17.9
-87.5°	4.3	4.2	4.1	3.8	4.1	4.3	4.5	4.7	4.3	3.9	3.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559259 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-WR-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°	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.2	3.3	3.3	3.3
85°	20.4	20.1	19.4	18.3	17.0	17.6	18.1	18.6	19.0	17.7	16.4
82.5°	52.6	56.5	60.1	64.1	68.2	67.6	65.7	63.0	59.5	53.0	45.8
80°	98.6	107.8	113.9	118.9	122.8	119.0	113.2	106.6	99.2	88.1	76.0
77.5°	153.0	162.3	167.1	172.8	179.3	180.6	180.8	181.5	182.2	161.6	135.5
75°	189.9	202.2	212.3	221.3	229.1	233.0	235.6	238.2	240.5	213.3	177.6
72.5°	233.5	245.4	255.1	264.8	273.3	279.8	284.9	289.0	292.3	270.2	239.0
70°	284.5	296.4	307.4	317.4	327.1	336.0	344.0	351.4	358.1	359.4	361.0
67.5°	342.0	349.0	362.2	374.8	389.8	400.8	413.1	424.6	435.1	444.2	451.6
65°	413.1	438.5	464.1	476.6	477.6	493.7	518.7	532.6	536.7	539.8	547.7
62.5°	532.6	565.2	582.4	604.9	635.7	669.3	682.2	700.7	723.2	748.7	771.8
60°	627.4	655.3	696.8	738.9	776.4	810.5	893.2	966.6	1029.5	1083.6	1135.8
57.5°	745.3	791.2	854.6	968.9	1073.4	1167.8	1329.5	1526.7	1702.6	1856.4	1991.5
55°	933.0	1066.6	1186.9	1456.7	1745.0	1994.5	2228.1	2477.9	2681.2	2840.2	2987.3
52.5°	1253.1	1620.5	1993.0	2343.3	2687.8	3001.3	3282.6	3504.1	3676.9	3806.6	3929.5
50°	2006.1	2448.9	2902.6	3320.5	3658.8	3967.9	4260.8	4480.5	4664.2	4822.4	4962.5
47.5°	2827.1	3345.5	3774.2	4159.5	4524.2	4867.1	5187.5	5454.8	5681.2	5890.0	6063.8
45°	3644.0	4107.7	4547.3	4960.6	5357.4	5741.9	6086.5	6390.5	6690.1	6937.6	7133.4
42.5°	4334.8	4825.7	5293.3	5766.3	6210.0	6641.2	7057.5	7427.4	7745.5	8016.0	8233.6
40°	4997.8	5527.0	6082.4	6607.7	7134.5	7626.6	8087.8	8510.0	8872.3	9192.6	9463.6
37.5°	5672.6	6290.6	6900.8	7499.3	8079.8	8615.0	9144.3	9631.3	10056.0	10430.7	10745.4
35°	6384.8	7065.8	7729.9	8404.3	9038.1	9657.5	10242.5	10778.7	11248.9	11690.5	12069.9
32.5°	7098.2	7836.2	8583.8	9313.6	10015.8	10709.4	11351.1	11955.5	12511.4	13000.1	13405.2
30°	7792.9	8605.3	9405.3	10200.3	11001.8	11757.4	12468.3	13132.1	13735.3	14267.6	14727.9
27.5°	8459.4	9332.8	10190.8	11100.1	11971.0	12793.1	13565.3	14279.0	14952.3	15557.6	16080.1
25°	9076.2	10004.0	11004.0	11957.7	12889.7	13801.3	14647.5	15422.7	16192.5	16858.5	17425.8
22.5°	9659.0	10694.3	11747.2	12747.4	13775.6	14778.1	15725.3	16623.7	17445.9	18143.7	18748.6
20°	10213.1	11327.2	12412.1	13519.6	14633.0	15714.6	16757.5	17717.6	18586.3	19346.8	20029.1
17.5°	10736.5	11889.3	13042.3	14224.8	15427.3	16564.3	17669.3	18713.8	19662.2	20505.9	21275.0
15°	11189.2	12380.4	13615.0	14871.8	16129.5	17338.6	18511.3	19649.1	20716.1	21634.5	22410.1
12.5°	11574.0	12814.9	14120.9	15439.5	16765.3	18032.7	19275.6	20493.1	21627.4	22614.7	23411.1
10°	11893.1	13193.3	14557.4	15930.9	17290.7	18607.5	19900.2	21160.1	22378.2	23401.7	24219.6
7.5°	12159.0	13509.1	14904.8	16319.7	17691.7	19059.3	20407.5	21680.1	22880.3	23959.4	24800.1
5°	12357.7	13730.4	15155.5	16605.7	17998.7	19415.1	20803.3	22105.7	23294.0	24271.9	24958.0
2.5°	12505.6	13868.1	15318.2	16778.1	18189.6	19657.0	21074.9	22378.6	23594.8	24520.4	25114.5
0°	12606.2	13943.9	15466.1	16897.7	18332.6	19838.0	21239.4	22557.0	23777.4	24682.7	25296.2
-2.5°	12505.6	13868.1	15318.2	16778.1	18189.6	19657.0	21074.9	22378.6	23594.8	24520.4	25114.5
-5°	12357.7	13730.4	15155.5	16605.7	17998.7	19415.1	20803.3	22105.7	23294.0	24271.9	24958.0
-7.5°	12159.0	13509.1	14904.8	16319.7	17691.7	19059.3	20407.5	21680.1	22880.3	23959.4	24800.1
-10°	11893.1	13193.3	14557.4	15930.9	17290.7	18607.5	19900.2	21160.1	22378.2	23401.7	24219.6
-12.5°	11574.0	12814.9	14120.9	15439.5	16765.3	18032.7	19275.6	20493.1	21627.4	22614.7	23411.1
-15°	11189.2	12380.4	13615.0	14871.8	16129.5	17338.6	18511.3	19649.1	20716.1	21634.5	22410.1
-17.5°	10736.5	11889.3	13042.3	14224.8	15427.3	16564.3	17669.3	18713.8	19662.2	20505.9	21275.0
-20°	10213.1	11327.2	12412.1	13519.6	14633.0	15714.6	16757.5	17717.6	18586.3	19346.8	20029.1



REPORT NUMBER: P559259 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	9659.0	10694.3	11747.2	12747.4	13775.6	14778.1	15725.3	16623.7	17445.9	18143.7	18748.6
-25°	9076.2	10004.0	11004.0	11957.7	12889.7	13801.3	14647.5	15422.7	16192.5	16858.5	17425.8
-27.5°	8459.4	9332.8	10190.8	11100.1	11971.0	12793.1	13565.3	14279.0	14952.3	15557.6	16080.1
-30°	7792.9	8605.3	9405.3	10200.3	11001.8	11757.4	12468.3	13132.1	13735.3	14267.6	14727.9
-32.5°	7098.2	7836.2	8583.8	9313.6	10015.8	10709.4	11351.1	11955.5	12511.4	13000.1	13405.2
-35°	6384.8	7065.8	7729.9	8404.3	9038.1	9657.5	10242.5	10778.7	11248.9	11690.5	12069.9
-37.5°	5672.6	6290.6	6900.8	7499.3	8079.8	8615.0	9144.3	9631.3	10056.0	10430.7	10745.4
-40°	4997.8	5527.0	6082.4	6607.7	7134.5	7626.6	8087.8	8510.0	8872.3	9192.6	9463.6
-42.5°	4334.8	4825.7	5293.3	5766.3	6210.0	6641.2	7057.5	7427.4	7745.5	8016.0	8233.6
-45°	3644.0	4107.7	4547.3	4960.6	5357.4	5741.9	6086.5	6390.5	6690.1	6937.6	7133.4
-47.5°	2827.1	3345.5	3774.2	4159.5	4524.2	4867.1	5187.5	5454.8	5681.2	5890.0	6063.8
-50°	2006.1	2448.9	2902.6	3320.5	3658.8	3967.9	4260.8	4480.5	4664.2	4822.4	4962.5
-52.5°	1253.1	1620.5	1993.0	2343.3	2687.8	3001.3	3282.6	3504.1	3676.9	3806.6	3929.5
-55°	933.0	1066.6	1186.9	1456.7	1745.0	1994.5	2228.1	2477.9	2681.2	2840.2	2987.3
-57.5°	745.3	791.2	854.6	968.9	1073.4	1167.8	1329.5	1526.7	1702.6	1856.4	1991.5
-60°	627.4	655.3	696.8	738.9	776.4	810.5	893.2	966.6	1029.5	1083.6	1135.8
-62.5°	532.6	565.2	582.4	604.9	635.7	669.3	682.2	700.7	723.2	748.7	771.8
-65°	413.1	438.5	464.1	476.6	477.6	493.7	518.7	532.6	536.7	539.8	547.7
-67.5°	342.0	349.0	362.2	374.8	389.8	400.8	413.1	424.6	435.1	444.2	451.6
-70°	284.5	296.4	307.4	317.4	327.1	336.0	344.0	351.4	358.1	359.4	361.0
-72.5°	233.5	245.4	255.1	264.8	273.3	279.8	284.9	289.0	292.3	270.2	239.0
-75°	189.9	202.2	212.3	221.3	229.1	233.0	235.6	238.2	240.5	213.3	177.6
-77.5°	153.0	162.3	167.1	172.8	179.3	180.6	180.8	181.5	182.2	161.6	135.5
-80°	98.6	107.8	113.9	118.9	122.8	119.0	113.2	106.6	99.2	88.1	76.0
-82.5°	52.6	56.5	60.1	64.1	68.2	67.6	65.7	63.0	59.5	53.0	45.8
-85°	20.4	20.1	19.4	18.3	17.0	17.6	18.1	18.6	19.0	17.7	16.4
-87.5°	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.2	3.3	3.3	3.3
-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: P559259 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.2
85°	14.9	13.3	13.4	13.4	13.4	13.3	14.9	16.4	17.7	19.0	18.6
82.5°	38.2	30.1	31.8	33.5	31.8	30.1	38.2	45.8	53.0	59.5	63.0
80°	63.4	50.4	51.8	53.6	51.8	50.4	63.4	76.0	88.1	99.2	106.6
77.5°	107.5	78.0	75.4	73.8	75.4	78.0	107.5	135.5	161.6	182.2	181.5
75°	140.6	102.7	100.5	100.6	100.5	102.7	140.6	177.6	213.3	240.5	238.2
72.5°	207.5	175.4	153.2	130.8	153.2	175.4	207.5	239.0	270.2	292.3	289.0
70°	364.9	369.4	367.5	362.1	367.5	369.4	364.9	361.0	359.4	358.1	351.4
67.5°	457.8	462.6	463.6	462.7	463.6	462.6	457.8	451.6	444.2	435.1	424.6
65°	553.2	556.4	558.9	559.9	558.9	556.4	553.2	547.7	539.8	536.7	532.6
62.5°	789.1	800.6	812.9	821.4	812.9	800.6	789.1	771.8	748.7	723.2	700.7
60°	1181.3	1219.0	1235.7	1237.2	1235.7	1219.0	1181.3	1135.8	1083.6	1029.5	966.6
57.5°	2099.7	2180.6	2252.7	2306.7	2252.7	2180.6	2099.7	1991.5	1856.4	1702.6	1526.7
55°	3104.5	3190.5	3239.1	3252.1	3239.1	3190.5	3104.5	2987.3	2840.2	2681.2	2477.9
52.5°	4022.6	4079.9	4134.1	4180.8	4134.1	4079.9	4022.6	3929.5	3806.6	3676.9	3504.1
50°	5068.2	5132.0	5185.7	5226.9	5185.7	5132.0	5068.2	4962.5	4822.4	4664.2	4480.5
47.5°	6185.8	6263.9	6321.4	6360.1	6321.4	6263.9	6185.8	6063.8	5890.0	5681.2	5454.8
45°	7301.0	7434.7	7515.9	7530.2	7515.9	7434.7	7301.0	7133.4	6937.6	6690.1	6390.5
42.5°	8421.9	8550.0	8636.4	8700.3	8636.4	8550.0	8421.9	8233.6	8016.0	7745.5	7427.4
40°	9689.5	9850.4	9924.2	9877.1	9924.2	9850.4	9689.5	9463.6	9192.6	8872.3	8510.0
37.5°	10988.1	11153.5	11238.9	11234.9	11238.9	11153.5	10988.1	10745.4	10430.7	10056.0	9631.3
35°	12365.0	12570.1	12681.1	12653.1	12681.1	12570.1	12365.0	12069.9	11690.5	11248.9	10778.7
32.5°	13728.9	13976.8	14137.0	14161.9	14137.0	13976.8	13728.9	13405.2	13000.1	12511.4	11955.5
30°	15097.0	15365.0	15524.3	15539.8	15524.3	15365.0	15097.0	14727.9	14267.6	13735.3	13132.1
27.5°	16518.7	16818.5	16985.2	17025.1	16985.2	16818.5	16518.7	16080.1	15557.6	14952.3	14279.0
25°	17909.6	18242.4	18433.7	18507.0	18433.7	18242.4	17909.6	17425.8	16858.5	16192.5	15422.7
22.5°	19250.8	19615.7	19865.0	19928.5	19865.0	19615.7	19250.8	18748.6	18143.7	17445.9	16623.7
20°	20596.0	21026.7	21345.4	21376.9	21345.4	21026.7	20596.0	20029.1	19346.8	18586.3	17717.6
17.5°	21891.1	22357.2	22698.3	22781.7	22698.3	22357.2	21891.1	21275.0	20505.9	19662.2	18713.8
15°	23050.7	23539.8	23869.3	23941.7	23869.3	23539.8	23050.7	22410.1	21634.5	20716.1	19649.1
12.5°	24051.3	24502.2	24809.7	24927.4	24809.7	24502.2	24051.3	23411.1	22614.7	21627.4	20493.1
10°	24857.4	25205.7	25480.6	25604.7	25480.6	25205.7	24857.4	24219.6	23401.7	22378.2	21160.1
7.5°	25307.4	25593.9	25784.3	25852.8	25784.3	25593.9	25307.4	24800.1	23959.4	22880.3	21680.1
5°	25485.2	25759.9	25862.9	25923.2	25862.9	25759.9	25485.2	24958.0	24271.9	23294.0	22105.7
2.5°	25509.4	25729.4	25941.3	26080.7	25941.3	25729.4	25509.4	25114.5	24520.4	23594.8	22378.6
0°	25651.6	25866.2	25983.5	26050.6	25983.5	25866.2	25651.6	25296.2	24682.7	23777.4	22557.0
-2.5°	25509.4	25729.4	25941.3	26080.7	25941.3	25729.4	25509.4	25114.5	24520.4	23594.8	22378.6
-5°	25485.2	25759.9	25862.9	25923.2	25862.9	25759.9	25485.2	24958.0	24271.9	23294.0	22105.7
-7.5°	25307.4	25593.9	25784.3	25852.8	25784.3	25593.9	25307.4	24800.1	23959.4	22880.3	21680.1
-10°	24857.4	25205.7	25480.6	25604.7	25480.6	25205.7	24857.4	24219.6	23401.7	22378.2	21160.1
-12.5°	24051.3	24502.2	24809.7	24927.4	24809.7	24502.2	24051.3	23411.1	22614.7	21627.4	20493.1
-15°	23050.7	23539.8	23869.3	23941.7	23869.3	23539.8	23050.7	22410.1	21634.5	20716.1	19649.1
-17.5°	21891.1	22357.2	22698.3	22781.7	22698.3	22357.2	21891.1	21275.0	20505.9	19662.2	18713.8
-20°	20596.0	21026.7	21345.4	21376.9	21345.4	21026.7	20596.0	20029.1	19346.8	18586.3	17717.6



REPORT NUMBER: P559259 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	19250.8	19615.7	19865.0	19928.5	19865.0	19615.7	19250.8	18748.6	18143.7	17445.9	16623.7
-25°	17909.6	18242.4	18433.7	18507.0	18433.7	18242.4	17909.6	17425.8	16858.5	16192.5	15422.7
-27.5°	16518.7	16818.5	16985.2	17025.1	16985.2	16818.5	16518.7	16080.1	15557.6	14952.3	14279.0
-30°	15097.0	15365.0	15524.3	15539.8	15524.3	15365.0	15097.0	14727.9	14267.6	13735.3	13132.1
-32.5°	13728.9	13976.8	14137.0	14161.9	14137.0	13976.8	13728.9	13405.2	13000.1	12511.4	11955.5
-35°	12365.0	12570.1	12681.1	12653.1	12681.1	12570.1	12365.0	12069.9	11690.5	11248.9	10778.7
-37.5°	10988.1	11153.5	11238.9	11234.9	11238.9	11153.5	10988.1	10745.4	10430.7	10056.0	9631.3
-40°	9689.5	9850.4	9924.2	9877.1	9924.2	9850.4	9689.5	9463.6	9192.6	8872.3	8510.0
-42.5°	8421.9	8550.0	8636.4	8700.3	8636.4	8550.0	8421.9	8233.6	8016.0	7745.5	7427.4
-45°	7301.0	7434.7	7515.9	7530.2	7515.9	7434.7	7301.0	7133.4	6937.6	6690.1	6390.5
-47.5°	6185.8	6263.9	6321.4	6360.1	6321.4	6263.9	6185.8	6063.8	5890.0	5681.2	5454.8
-50°	5068.2	5132.0	5185.7	5226.9	5185.7	5132.0	5068.2	4962.5	4822.4	4664.2	4480.5
-52.5°	4022.6	4079.9	4134.1	4180.8	4134.1	4079.9	4022.6	3929.5	3806.6	3676.9	3504.1
-55°	3104.5	3190.5	3239.1	3252.1	3239.1	3190.5	3104.5	2987.3	2840.2	2681.2	2477.9
-57.5°	2099.7	2180.6	2252.7	2306.7	2252.7	2180.6	2099.7	1991.5	1856.4	1702.6	1526.7
-60°	1181.3	1219.0	1235.7	1237.2	1235.7	1219.0	1181.3	1135.8	1083.6	1029.5	966.6
-62.5°	789.1	800.6	812.9	821.4	812.9	800.6	789.1	771.8	748.7	723.2	700.7
-65°	553.2	556.4	558.9	559.9	558.9	556.4	553.2	547.7	539.8	536.7	532.6
-67.5°	457.8	462.6	463.6	462.7	463.6	462.6	457.8	451.6	444.2	435.1	424.6
-70°	364.9	369.4	367.5	362.1	367.5	369.4	364.9	361.0	359.4	358.1	351.4
-72.5°	207.5	175.4	153.2	130.8	153.2	175.4	207.5	239.0	270.2	292.3	289.0
-75°	140.6	102.7	100.5	100.6	100.5	102.7	140.6	177.6	213.3	240.5	238.2
-77.5°	107.5	78.0	75.4	73.8	75.4	78.0	107.5	135.5	161.6	182.2	181.5
-80°	63.4	50.4	51.8	53.6	51.8	50.4	63.4	76.0	88.1	99.2	106.6
-82.5°	38.2	30.1	31.8	33.5	31.8	30.1	38.2	45.8	53.0	59.5	63.0
-85°	14.9	13.3	13.4	13.4	13.4	13.3	14.9	16.4	17.7	19.0	18.6
-87.5°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.2
-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: P559259 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-WR-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°	3.2	3.1	3.1	3.0	2.9	2.9	2.8	3.4	3.9	4.3	4.7
85°	18.1	17.6	17.0	18.3	19.4	20.1	20.4	17.9	15.7	13.8	12.3
82.5°	65.7	67.6	68.2	64.1	60.1	56.5	52.6	44.0	36.1	29.1	23.6
80°	113.2	119.0	122.8	118.9	113.9	107.8	98.6	80.7	65.0	52.0	43.9
77.5°	180.8	180.6	179.3	172.8	167.1	162.3	153.0	126.1	99.9	76.8	65.2
75°	235.6	233.0	229.1	221.3	212.3	202.2	189.9	171.5	148.4	120.4	100.9
72.5°	284.9	279.8	273.3	264.8	255.1	245.4	233.5	218.2	200.4	179.9	163.9
70°	344.0	336.0	327.1	317.4	307.4	296.4	284.5	269.6	250.9	230.7	219.3
67.5°	413.1	400.8	389.8	374.8	362.2	349.0	342.0	329.3	312.2	291.5	277.5
65°	518.7	493.7	477.6	476.6	464.1	438.5	413.1	400.8	386.9	363.8	339.3
62.5°	682.2	669.3	635.7	604.9	582.4	565.2	532.6	497.8	470.7	447.0	415.2
60°	893.2	810.5	776.4	738.9	696.8	655.3	627.4	593.6	553.7	522.0	489.4
57.5°	1329.5	1167.8	1073.4	968.9	854.6	791.2	745.3	692.4	647.3	603.1	562.0
55°	2228.1	1994.5	1745.0	1456.7	1186.9	1066.6	933.0	827.8	762.8	688.4	639.3
52.5°	3282.6	3001.3	2687.8	2343.3	1993.0	1620.5	1253.1	1097.2	918.0	807.5	725.5
50°	4260.8	3967.9	3658.8	3320.5	2902.6	2448.9	2006.1	1564.4	1203.7	997.7	833.3
47.5°	5187.5	4867.1	4524.2	4159.5	3774.2	3345.5	2827.1	2283.3	1772.0	1258.8	1034.8
45°	6086.5	5741.9	5357.4	4960.6	4547.3	4107.7	3644.0	3086.0	2471.2	1880.9	1271.3
42.5°	7057.5	6641.2	6210.0	5766.3	5293.3	4825.7	4334.8	3811.5	3221.3	2543.3	1883.5
40°	8087.8	7626.6	7134.5	6607.7	6082.4	5527.0	4997.8	4447.4	3873.2	3232.7	2488.9
37.5°	9144.3	8615.0	8079.8	7499.3	6900.8	6290.6	5672.6	5066.4	4453.0	3827.2	3106.9
35°	10242.5	9657.5	9038.1	8404.3	7729.9	7065.8	6384.8	5695.9	5025.0	4356.8	3668.3
32.5°	11351.1	10709.4	10015.8	9313.6	8583.8	7836.2	7098.2	6350.6	5584.1	4871.6	4150.7
30°	12468.3	11757.4	11001.8	10200.3	9405.3	8605.3	7792.9	6973.0	6152.2	5360.9	4613.3
27.5°	13565.3	12793.1	11971.0	11100.1	10190.8	9332.8	8459.4	7570.9	6687.1	5844.5	5042.0
25°	14647.5	13801.3	12889.7	11957.7	11004.0	10004.0	9076.2	8142.0	7212.0	6296.2	5429.8
22.5°	15725.3	14778.1	13775.6	12747.4	11747.2	10694.3	9659.0	8666.8	7696.8	6726.1	5809.0
20°	16757.5	15714.6	14633.0	13519.6	12412.1	11327.2	10213.1	9158.2	8133.6	7128.4	6161.5
17.5°	17669.3	16564.3	15427.3	14224.8	13042.3	11889.3	10736.5	9608.3	8529.1	7478.2	6480.7
15°	18511.3	17338.6	16129.5	14871.8	13615.0	12380.4	11189.2	10004.6	8883.7	7789.1	6764.0
12.5°	19275.6	18032.7	16765.3	15439.5	14120.9	12814.9	11574.0	10361.8	9193.6	8066.2	7002.8
10°	19900.2	18607.5	17290.7	15930.9	14557.4	13193.3	11893.1	10649.8	9443.3	8286.7	7201.7
7.5°	20407.5	19059.3	17691.7	16319.7	14904.8	13509.1	12159.0	10867.6	9638.1	8448.0	7358.4
5°	20803.3	19415.1	17998.7	16605.7	15155.5	13730.4	12357.7	11014.1	9774.9	8551.6	7471.0
2.5°	21074.9	19657.0	18189.6	16778.1	15318.2	13868.1	12505.6	11127.6	9872.3	8660.6	7569.7
0°	21239.4	19838.0	18332.6	16897.7	15466.1	13943.9	12606.2	11204.8	9914.0	8730.5	7620.7
-2.5°	21074.9	19657.0	18189.6	16778.1	15318.2	13868.1	12505.6	11127.6	9872.3	8660.6	7569.7
-5°	20803.3	19415.1	17998.7	16605.7	15155.5	13730.4	12357.7	11014.1	9774.9	8551.6	7471.0
-7.5°	20407.5	19059.3	17691.7	16319.7	14904.8	13509.1	12159.0	10867.6	9638.1	8448.0	7358.4
-10°	19900.2	18607.5	17290.7	15930.9	14557.4	13193.3	11893.1	10649.8	9443.3	8286.7	7201.7
-12.5°	19275.6	18032.7	16765.3	15439.5	14120.9	12814.9	11574.0	10361.8	9193.6	8066.2	7002.8
-15°	18511.3	17338.6	16129.5	14871.8	13615.0	12380.4	11189.2	10004.6	8883.7	7789.1	6764.0
-17.5°	17669.3	16564.3	15427.3	14224.8	13042.3	11889.3	10736.5	9608.3	8529.1	7478.2	6480.7
-20°	16757.5	15714.6	14633.0	13519.6	12412.1	11327.2	10213.1	9158.2	8133.6	7128.4	6161.5



REPORT NUMBER: P559259 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	15725.3	14778.1	13775.6	12747.4	11747.2	10694.3	9659.0	8666.8	7696.8	6726.1	5809.0
-25°	14647.5	13801.3	12889.7	11957.7	11004.0	10004.0	9076.2	8142.0	7212.0	6296.2	5429.8
-27.5°	13565.3	12793.1	11971.0	11100.1	10190.8	9332.8	8459.4	7570.9	6687.1	5844.5	5042.0
-30°	12468.3	11757.4	11001.8	10200.3	9405.3	8605.3	7792.9	6973.0	6152.2	5360.9	4613.3
-32.5°	11351.1	10709.4	10015.8	9313.6	8583.8	7836.2	7098.2	6350.6	5584.1	4871.6	4150.7
-35°	10242.5	9657.5	9038.1	8404.3	7729.9	7065.8	6384.8	5695.9	5025.0	4356.8	3668.3
-37.5°	9144.3	8615.0	8079.8	7499.3	6900.8	6290.6	5672.6	5066.4	4453.0	3827.2	3106.9
-40°	8087.8	7626.6	7134.5	6607.7	6082.4	5527.0	4997.8	4447.4	3873.2	3232.7	2488.9
-42.5°	7057.5	6641.2	6210.0	5766.3	5293.3	4825.7	4334.8	3811.5	3221.3	2543.3	1883.5
-45°	6086.5	5741.9	5357.4	4960.6	4547.3	4107.7	3644.0	3086.0	2471.2	1880.9	1271.3
-47.5°	5187.5	4867.1	4524.2	4159.5	3774.2	3345.5	2827.1	2283.3	1772.0	1258.8	1034.8
-50°	4260.8	3967.9	3658.8	3320.5	2902.6	2448.9	2006.1	1564.4	1203.7	997.7	833.3
-52.5°	3282.6	3001.3	2687.8	2343.3	1993.0	1620.5	1253.1	1097.2	918.0	807.5	725.5
-55°	2228.1	1994.5	1745.0	1456.7	1186.9	1066.6	933.0	827.8	762.8	688.4	639.3
-57.5°	1329.5	1167.8	1073.4	968.9	854.6	791.2	745.3	692.4	647.3	603.1	562.0
-60°	893.2	810.5	776.4	738.9	696.8	655.3	627.4	593.6	553.7	522.0	489.4
-62.5°	682.2	669.3	635.7	604.9	582.4	565.2	532.6	497.8	470.7	447.0	415.2
-65°	518.7	493.7	477.6	476.6	464.1	438.5	413.1	400.8	386.9	363.8	339.3
-67.5°	413.1	400.8	389.8	374.8	362.2	349.0	342.0	329.3	312.2	291.5	277.5
-70°	344.0	336.0	327.1	317.4	307.4	296.4	284.5	269.6	250.9	230.7	219.3
-72.5°	284.9	279.8	273.3	264.8	255.1	245.4	233.5	218.2	200.4	179.9	163.9
-75°	235.6	233.0	229.1	221.3	212.3	202.2	189.9	171.5	148.4	120.4	100.9
-77.5°	180.8	180.6	179.3	172.8	167.1	162.3	153.0	126.1	99.9	76.8	65.2
-80°	113.2	119.0	122.8	118.9	113.9	107.8	98.6	80.7	65.0	52.0	43.9
-82.5°	65.7	67.6	68.2	64.1	60.1	56.5	52.6	44.0	36.1	29.1	23.6
-85°	18.1	17.6	17.0	18.3	19.4	20.1	20.4	17.9	15.7	13.8	12.3
-87.5°	3.2	3.1	3.1	3.0	2.9	2.9	2.8	3.4	3.9	4.3	4.7
-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: P559259 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.5	4.3	4.1	3.8	4.1	4.2	4.3	4.3	3.9	3.5	3.0
85°	12.3	12.0	11.3	10.2	9.5	8.4	8.6	8.5	7.7	6.9	6.1
82.5°	23.7	24.0	24.2	23.8	23.6	22.7	21.2	19.0	14.8	10.8	9.1
80°	49.2	52.0	52.0	48.9	42.8	37.2	35.7	32.9	27.2	21.6	16.2
77.5°	75.1	82.3	86.7	85.0	75.7	66.8	58.2	49.1	39.4	32.2	25.3
75°	102.9	112.3	119.4	119.3	109.5	96.3	84.7	72.5	58.1	43.5	34.3
72.5°	155.6	152.0	153.2	153.9	145.5	132.7	115.6	95.7	79.1	62.2	45.1
70°	208.8	195.0	185.6	184.0	179.6	170.2	153.2	127.4	100.0	80.7	61.3
67.5°	264.7	250.9	233.0	217.4	211.6	203.4	190.4	160.2	127.8	99.0	77.3
65°	322.2	305.6	288.8	265.9	248.5	236.8	223.4	191.3	154.6	121.4	93.0
62.5°	384.8	357.8	336.3	311.5	287.9	270.0	255.8	220.9	180.9	142.9	110.0
60°	453.7	419.1	384.0	354.6	326.4	301.2	280.9	250.8	209.2	163.3	126.8
57.5°	523.5	481.3	437.5	398.5	365.5	334.0	304.9	275.8	237.5	188.2	142.0
55°	593.7	546.8	491.2	443.5	404.1	369.1	331.0	298.4	264.1	214.3	153.8
52.5°	661.6	608.2	548.8	489.6	441.4	401.9	359.7	320.9	285.0	240.3	171.3
50°	744.5	667.1	604.6	540.5	478.3	432.0	386.7	344.7	305.6	264.0	187.6
47.5°	840.4	742.5	659.9	590.2	522.9	461.7	413.6	367.2	326.1	282.4	201.8
45°	1031.5	828.2	724.5	641.4	565.0	497.4	440.3	388.1	344.8	290.4	213.8
42.5°	1250.1	988.0	800.5	691.9	610.5	533.2	466.4	411.2	362.0	295.6	220.5
40°	1775.8	1187.6	902.8	759.3	656.1	566.6	496.0	434.1	376.6	298.7	223.1
37.5°	2315.9	1558.1	1082.8	824.7	704.6	607.4	523.9	456.3	382.9	301.9	223.8
35°	2863.9	2042.4	1259.2	942.9	762.8	646.9	549.4	478.3	397.0	305.0	222.7
32.5°	3384.2	2510.0	1663.7	1099.4	818.7	685.1	579.4	500.2	414.8	308.1	219.7
30°	3830.4	2964.3	2064.4	1248.8	896.5	732.5	612.6	521.0	436.1	311.0	216.4
27.5°	4236.4	3388.5	2441.2	1538.3	1025.5	778.1	643.8	540.5	460.5	318.7	217.1
25°	4609.8	3750.4	2804.9	1855.9	1146.4	821.6	672.2	558.9	479.8	335.2	217.2
22.5°	4939.7	4072.6	3137.6	2145.0	1255.5	863.9	702.8	582.5	494.5	352.6	216.7
20°	5235.8	4365.4	3439.9	2412.1	1434.9	954.2	735.8	603.4	507.9	370.6	215.5
17.5°	5502.2	4619.9	3694.1	2665.3	1649.3	1034.0	765.9	621.7	519.9	388.7	213.5
15°	5762.1	4836.1	3909.9	2889.4	1838.2	1103.3	793.0	637.4	530.5	406.3	212.4
12.5°	5980.5	5020.9	4091.8	3083.0	2000.6	1161.7	816.7	650.4	539.5	421.9	211.0
10°	6155.8	5173.5	4239.9	3245.0	2135.6	1209.4	837.0	660.2	546.5	434.8	206.7
7.5°	6288.1	5293.0	4354.1	3374.4	2242.5	1248.7	849.9	665.9	552.1	445.2	200.2
5°	6383.3	5383.0	4437.3	3470.0	2319.7	1280.8	858.1	668.8	556.3	452.5	191.7
2.5°	6462.1	5446.2	4489.5	3531.2	2366.7	1302.9	862.0	669.2	559.0	456.3	181.8
0°	6500.9	5475.0	4509.4	3557.2	2383.8	1314.3	861.6	667.2	559.9	456.0	171.0
-2.5°	6462.1	5446.2	4489.5	3531.2	2366.7	1302.9	862.0	669.2	559.0	456.3	181.8
-5°	6383.3	5383.0	4437.3	3470.0	2319.7	1280.8	858.1	668.8	556.3	452.5	191.7
-7.5°	6288.1	5293.0	4354.1	3374.4	2242.5	1248.7	849.9	665.9	552.1	445.2	200.2
-10°	6155.8	5173.5	4239.9	3245.0	2135.6	1209.4	837.0	660.2	546.5	434.8	206.7
-12.5°	5980.5	5020.9	4091.8	3083.0	2000.6	1161.7	816.7	650.4	539.5	421.9	211.0
-15°	5762.1	4836.1	3909.9	2889.4	1838.2	1103.3	793.0	637.4	530.5	406.3	212.4
-17.5°	5502.2	4619.9	3694.1	2665.3	1649.3	1034.0	765.9	621.7	519.9	388.7	213.5
-20°	5235.8	4365.4	3439.9	2412.1	1434.9	954.2	735.8	603.4	507.9	370.6	215.5



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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°	4939.7	4072.6	3137.6	2145.0	1255.5	863.9	702.8	582.5	494.5	352.6	216.7
-25°	4609.8	3750.4	2804.9	1855.9	1146.4	821.6	672.2	558.9	479.8	335.2	217.2
-27.5°	4236.4	3388.5	2441.2	1538.3	1025.5	778.1	643.8	540.5	460.5	318.7	217.1
-30°	3830.4	2964.3	2064.4	1248.8	896.5	732.5	612.6	521.0	436.1	311.0	216.4
-32.5°	3384.2	2510.0	1663.7	1099.4	818.7	685.1	579.4	500.2	414.8	308.1	219.7
-35°	2863.9	2042.4	1259.2	942.9	762.8	646.9	549.4	478.3	397.0	305.0	222.7
-37.5°	2315.9	1558.1	1082.8	824.7	704.6	607.4	523.9	456.3	382.9	301.9	223.8
-40°	1775.8	1187.6	902.8	759.3	656.1	566.6	496.0	434.1	376.6	298.7	223.1
-42.5°	1250.1	988.0	800.5	691.9	610.5	533.2	466.4	411.2	362.0	295.6	220.5
-45°	1031.5	828.2	724.5	641.4	565.0	497.4	440.3	388.1	344.8	290.4	213.8
-47.5°	840.4	742.5	659.9	590.2	522.9	461.7	413.6	367.2	326.1	282.4	201.8
-50°	744.5	667.1	604.6	540.5	478.3	432.0	386.7	344.7	305.6	264.0	187.6
-52.5°	661.6	608.2	548.8	489.6	441.4	401.9	359.7	320.9	285.0	240.3	171.3
-55°	593.7	546.8	491.2	443.5	404.1	369.1	331.0	298.4	264.1	214.3	153.8
-57.5°	523.5	481.3	437.5	398.5	365.5	334.0	304.9	275.8	237.5	188.2	142.0
-60°	453.7	419.1	384.0	354.6	326.4	301.2	280.9	250.8	209.2	163.3	126.8
-62.5°	384.8	357.8	336.3	311.5	287.9	270.0	255.8	220.9	180.9	142.9	110.0
-65°	322.2	305.6	288.8	265.9	248.5	236.8	223.4	191.3	154.6	121.4	93.0
-67.5°	264.7	250.9	233.0	217.4	211.6	203.4	190.4	160.2	127.8	99.0	77.3
-70°	208.8	195.0	185.6	184.0	179.6	170.2	153.2	127.4	100.0	80.7	61.3
-72.5°	155.6	152.0	153.2	153.9	145.5	132.7	115.6	95.7	79.1	62.2	45.1
-75°	102.9	112.3	119.4	119.3	109.5	96.3	84.7	72.5	58.1	43.5	34.3
-77.5°	75.1	82.3	86.7	85.0	75.7	66.8	58.2	49.1	39.4	32.2	25.3
-80°	49.2	52.0	52.0	48.9	42.8	37.2	35.7	32.9	27.2	21.6	16.2
-82.5°	23.7	24.0	24.2	23.8	23.6	22.7	21.2	19.0	14.8	10.8	9.1
-85°	12.3	12.0	11.3	10.2	9.5	8.4	8.6	8.5	7.7	6.9	6.1
-87.5°	4.5	4.3	4.1	3.8	4.1	4.2	4.3	4.3	3.9	3.5	3.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	2.6	2.2	1.8	1.3	0.9	0.4	0.0
85°	5.2	4.4	3.5	2.6	1.8	0.9	0.0
82.5°	7.8	6.5	5.2	3.9	2.6	1.3	0.0
80°	11.0	8.7	7.0	5.2	3.5	1.8	0.0
77.5°	18.5	12.0	8.7	6.5	4.4	2.2	0.0
75°	25.8	17.3	10.7	7.8	5.2	2.6	0.0
72.5°	32.9	22.4	14.2	9.1	6.1	3.0	0.0
70°	40.4	27.3	17.6	10.5	6.9	3.5	0.0
67.5°	52.8	32.1	20.8	12.5	7.7	3.9	0.0
65°	64.3	38.3	23.9	14.4	8.5	4.3	0.0
62.5°	75.1	45.9	26.8	16.3	9.3	4.7	0.0
60°	84.9	52.9	29.5	18.0	10.1	5.0	0.0
57.5°	94.8	59.2	33.6	19.6	11.1	5.4	0.0
55°	103.6	64.8	37.4	21.1	12.1	5.8	0.0
52.5°	111.2	69.7	40.7	22.5	13.0	6.1	0.0
50°	117.5	74.3	43.5	23.7	13.9	6.5	0.0
47.5°	123.4	78.0	45.9	24.9	14.8	6.8	0.0
45°	133.4	80.8	47.7	26.2	15.6	7.1	0.0
42.5°	141.7	82.7	49.0	27.2	16.4	7.4	0.0
40°	148.4	83.6	49.9	28.4	17.2	7.7	0.0
37.5°	153.3	83.6	50.3	29.8	18.0	8.0	0.0
35°	156.6	85.5	50.2	31.1	18.6	8.3	0.0
32.5°	157.3	87.8	49.5	32.3	19.3	8.5	0.0
30°	154.4	88.9	48.2	33.5	19.9	8.7	0.0
27.5°	150.2	89.0	49.5	34.5	20.5	9.0	0.0
25°	144.7	87.9	51.0	35.5	21.0	9.2	0.0
22.5°	138.2	87.9	52.4	36.4	21.5	9.3	0.0
20°	130.5	92.0	53.7	37.2	21.9	9.5	0.0
17.5°	129.1	95.7	54.9	37.9	22.3	9.6	0.0
15°	131.7	98.8	56.0	38.5	22.6	9.8	0.0
12.5°	134.1	101.4	57.1	39.0	22.9	9.9	0.0
10°	136.1	103.6	58.0	39.4	23.1	9.9	0.0
7.5°	137.8	105.2	58.8	39.8	23.3	10.0	0.0
5°	139.2	106.4	59.4	40.0	23.4	10.1	0.0
2.5°	140.2	107.1	59.9	40.2	23.5	10.1	0.0
0°	140.8	107.3	60.3	40.2	23.5	10.1	0.0
-2.5°	140.2	107.1	59.9	40.2	23.5	10.1	0.0
-5°	139.2	106.4	59.4	40.0	23.4	10.1	0.0
-7.5°	137.8	105.2	58.8	39.8	23.3	10.0	0.0
-10°	136.1	103.6	58.0	39.4	23.1	9.9	0.0
-12.5°	134.1	101.4	57.1	39.0	22.9	9.9	0.0
-15°	131.7	98.8	56.0	38.5	22.6	9.8	0.0
-17.5°	129.1	95.7	54.9	37.9	22.3	9.6	0.0
-20°	130.5	92.0	53.7	37.2	21.9	9.5	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	138.2	87.9	52.4	36.4	21.5	9.3	0.0
-25°	144.7	87.9	51.0	35.5	21.0	9.2	0.0
-27.5°	150.2	89.0	49.5	34.5	20.5	9.0	0.0
-30°	154.4	88.9	48.2	33.5	19.9	8.7	0.0
-32.5°	157.3	87.8	49.5	32.3	19.3	8.5	0.0
-35°	156.6	85.5	50.2	31.1	18.6	8.3	0.0
-37.5°	153.3	83.6	50.3	29.8	18.0	8.0	0.0
-40°	148.4	83.6	49.9	28.4	17.2	7.7	0.0
-42.5°	141.7	82.7	49.0	27.2	16.4	7.4	0.0
-45°	133.4	80.8	47.7	26.2	15.6	7.1	0.0
-47.5°	123.4	78.0	45.9	24.9	14.8	6.8	0.0
-50°	117.5	74.3	43.5	23.7	13.9	6.5	0.0
-52.5°	111.2	69.7	40.7	22.5	13.0	6.1	0.0
-55°	103.6	64.8	37.4	21.1	12.1	5.8	0.0
-57.5°	94.8	59.2	33.6	19.6	11.1	5.4	0.0
-60°	84.9	52.9	29.5	18.0	10.1	5.0	0.0
-62.5°	75.1	45.9	26.8	16.3	9.3	4.7	0.0
-65°	64.3	38.3	23.9	14.4	8.5	4.3	0.0
-67.5°	52.8	32.1	20.8	12.5	7.7	3.9	0.0
-70°	40.4	27.3	17.6	10.5	6.9	3.5	0.0
-72.5°	32.9	22.4	14.2	9.1	6.1	3.0	0.0
-75°	25.8	17.3	10.7	7.8	5.2	2.6	0.0
-77.5°	18.5	12.0	8.7	6.5	4.4	2.2	0.0
-80°	11.0	8.7	7.0	5.2	3.5	1.8	0.0
-82.5°	7.8	6.5	5.2	3.9	2.6	1.3	0.0
-85°	5.2	4.4	3.5	2.6	1.8	0.9	0.0
-87.5°	2.6	2.2	1.8	1.3	0.9	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)