

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: P559254 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559254 (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-SA6E-940-U-NAT-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (96) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

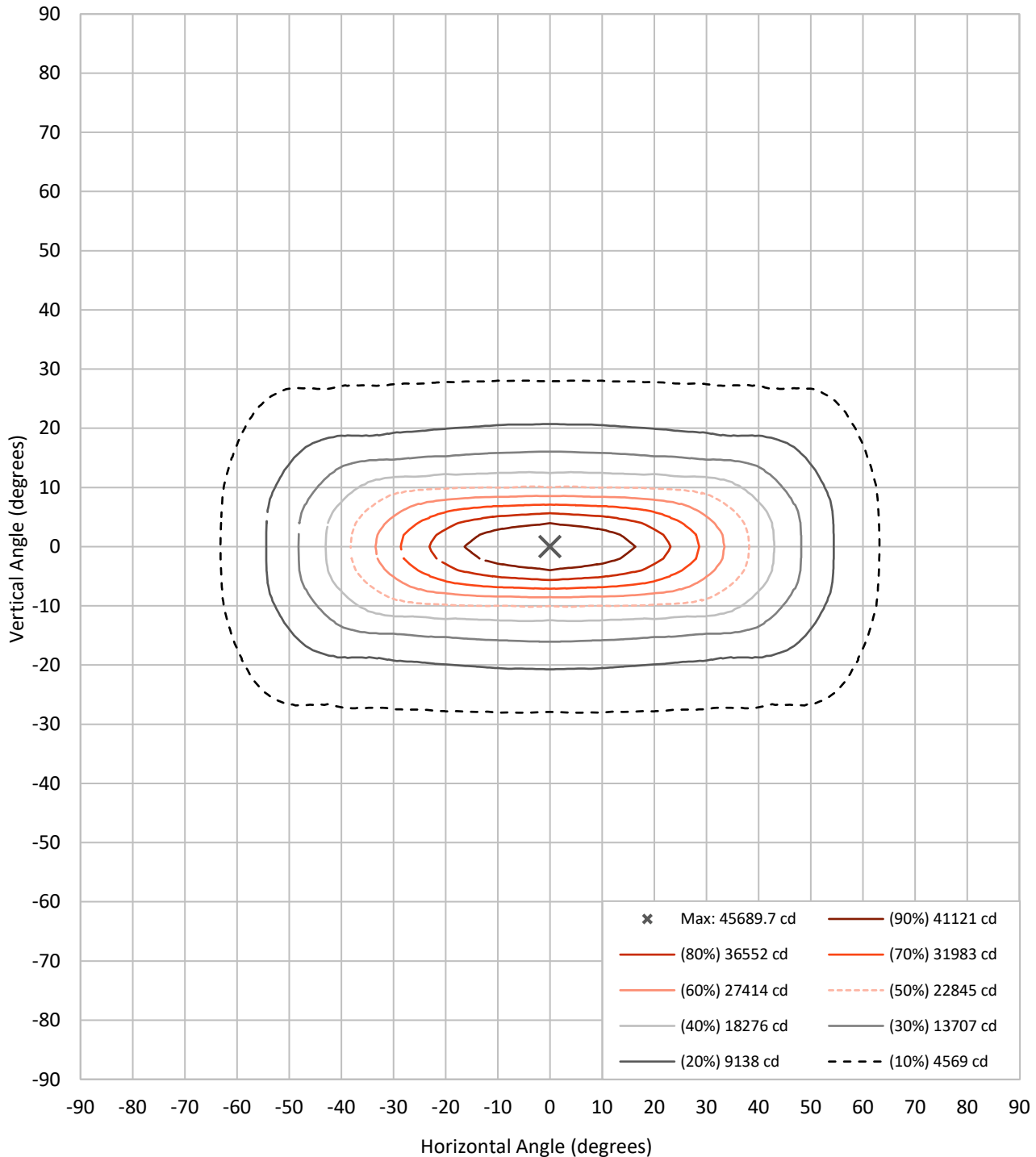
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	32722.1 lumens	Max Intensity:	45689.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	88.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	13092 lumens	Field Lumens:	26819.1 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

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





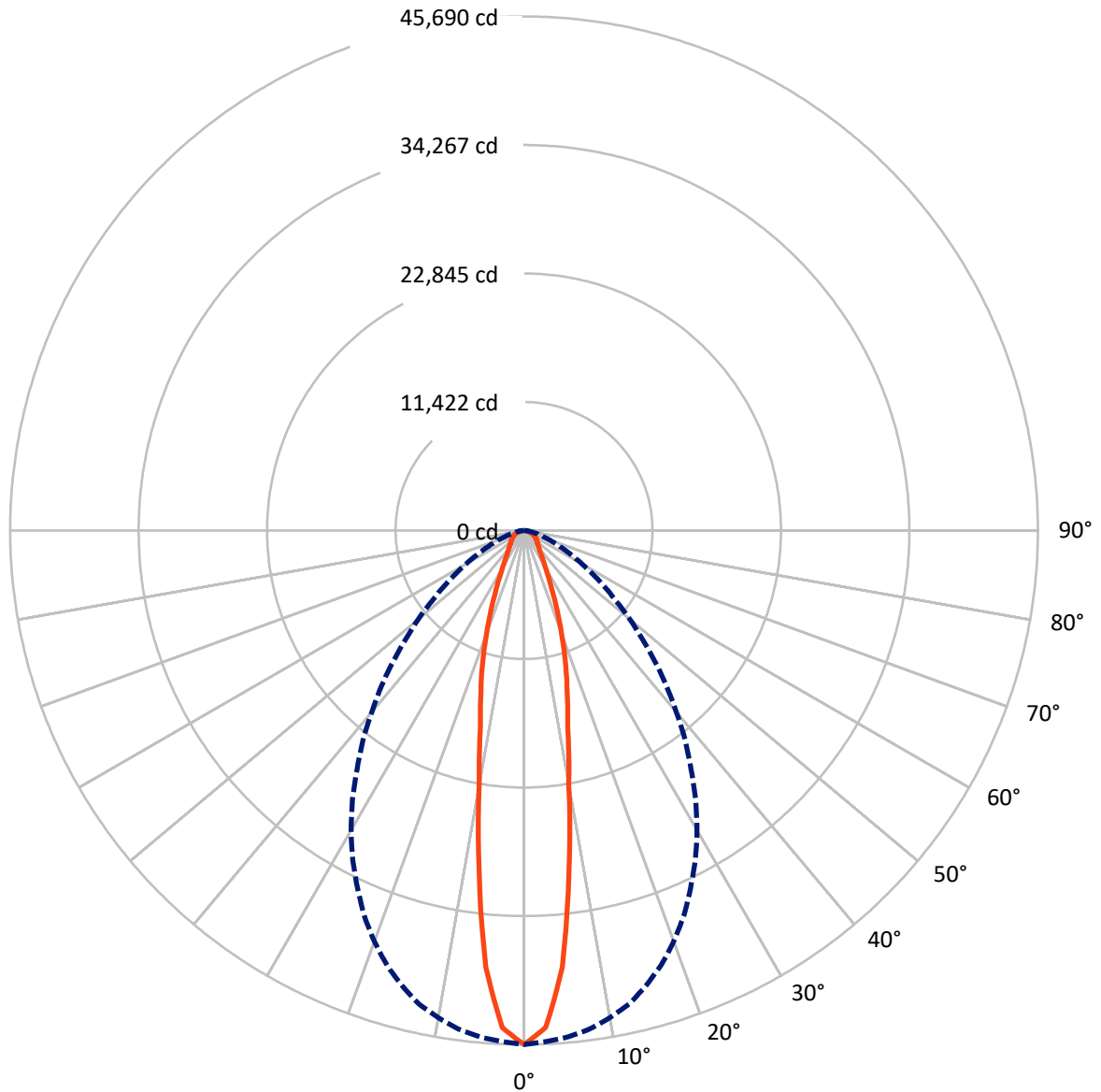
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Lumen Table

90																			
80	1.7	11.3		22.9		33.2		37.5		33.2		22.9		11.3		1.7			
70	7.0	6.6	11.5	15.7	19.4	23.2	26.5	28.5	28.5	26.5	23.2	19.4	15.7	11.5	6.6	7.0			
60		10.7	18.6	25.0	29.7	34.0	37.9	40.1	40.1	37.9	34.0	29.7	25.0	18.6	10.7				
50	14.0	16.3	28.4	37.6	43.5	47.9	51.4	53.4	53.4	51.4	47.9	43.5	37.6	28.4	16.3	14.0			
40		24.1	45.4	60.0	70.0	77.3	82.6	85.0	85.0	82.6	77.3	70.0	60.0	45.4	24.1				
30	21.6	33.9	77.4	115.3	139.3	161.6	180.0	190.5	190.5	180.0	161.6	139.3	115.3	77.4	33.9	21.6			
20		44.7	119.3	229.5	330.0	393.3	437.9	463.3	463.3	437.9	393.3	330.0	229.5	119.3	44.7				
10	24.7	51.3	153.1	338.1	584.9	829.7	1009.7	1104.4	1104.4	1009.7	829.7	584.9	338.1	153.1	51.3	24.7			
0		51.3	153.1	338.1	584.9	829.7	1009.7	1104.4	1104.4	1009.7	829.7	584.9	338.1	153.1	51.3				
-10	21.6	44.7	119.3	229.5	330.0	393.3	437.9	463.3	463.3	437.9	393.3	330.0	229.5	119.3	44.7	21.6			
-20		33.9	77.4	115.3	139.3	161.6	180.0	190.5	190.5	180.0	161.6	139.3	115.3	77.4	33.9				
-30	14.0	24.1	45.4	60.0	70.0	77.3	82.6	85.0	85.0	82.6	77.3	70.0	60.0	45.4	24.1	14.0			
-40		16.3	28.4	37.6	43.5	47.9	51.4	53.4	53.4	51.4	47.9	43.5	37.6	28.4	16.3				
-50	7.0	10.7	18.6	25.0	29.7	34.0	37.9	40.1	40.1	37.9	34.0	29.7	25.0	18.6	10.7	7.0			
-60		6.6	11.5	15.7	19.4	23.2	26.5	28.5	28.5	26.5	23.2	19.4	15.7	11.5	6.6				
-70																			
-80	1.7	11.3		22.9		33.2		37.5		33.2		22.9		11.3		1.7			
-90																			

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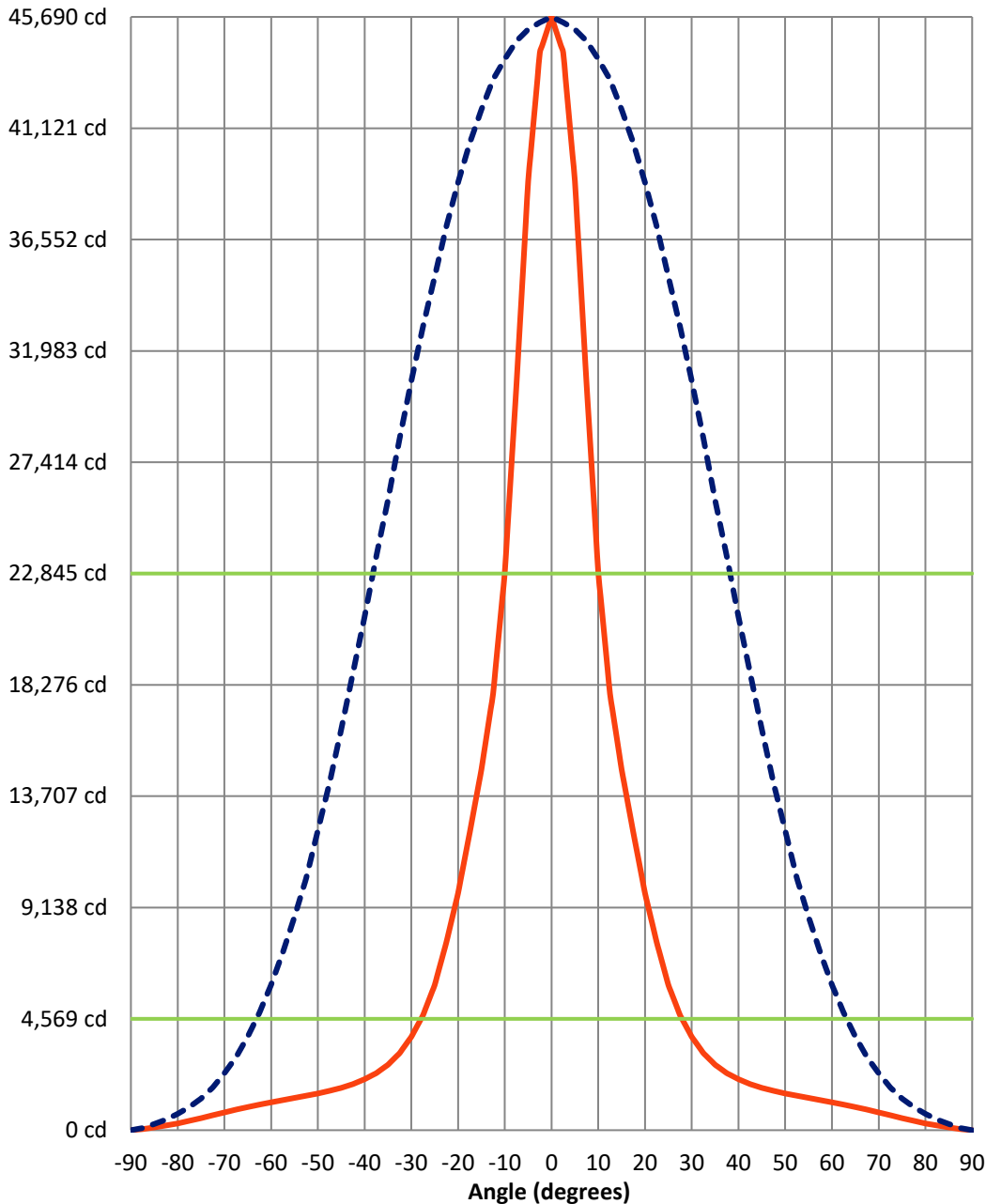
Luminous Intensity Polar Plot



— 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: 13092
 Efficiency: 40.0%

Field:
 H Angle: 126.3°
 V Angle: 55.8°
 Lumens: 26819.1
 Efficiency: 82.0%

Spill:
 Lumens: 5902.9
 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	3.8	7.6	10.8	13.7	16.1	18.2	20.7	22.9	25.0	26.9
85°	0.0	7.6	15.2	21.7	27.4	32.3	36.4	41.3	45.8	50.0	53.8
82.5°	0.0	11.4	22.7	32.5	41.0	48.4	54.7	61.9	70.2	83.7	95.9
80°	0.0	15.1	30.2	43.2	54.6	64.5	75.0	95.3	114.1	131.3	146.8
77.5°	0.0	18.9	37.7	53.9	68.2	85.7	110.3	135.0	158.0	178.9	198.8
75°	0.0	22.6	45.1	64.6	83.9	116.1	145.5	174.5	202.3	230.3	254.2
72.5°	0.0	26.2	52.4	75.2	108.8	146.3	180.6	215.5	251.8	283.2	310.0
70°	0.0	29.8	59.6	87.4	133.6	176.3	216.2	260.9	301.3	336.5	371.1
67.5°	0.0	33.4	66.7	106.3	158.1	206.1	257.0	306.1	351.0	397.0	434.2
65°	0.0	36.8	73.6	124.9	182.4	238.5	297.6	351.1	408.3	458.1	501.8
62.5°	0.0	40.3	80.4	143.3	206.4	273.3	337.9	401.7	465.9	521.9	578.9
60°	0.0	43.6	87.1	161.4	230.0	307.9	378.1	454.5	523.8	594.3	656.5
57.5°	0.0	46.8	98.9	179.2	257.8	342.1	423.7	507.2	588.5	666.9	740.5
55°	0.0	50.0	110.5	196.6	285.5	375.9	469.4	559.7	654.9	742.3	829.2
52.5°	0.0	53.1	121.8	213.6	312.6	410.0	514.6	618.6	721.0	827.6	920.3
50°	0.0	56.0	132.7	230.2	339.3	447.4	559.0	678.5	791.0	914.4	1028.5
47.5°	0.0	58.9	143.3	247.2	365.4	484.0	604.0	738.7	870.8	1002.5	1142.4
45°	0.0	61.6	153.5	266.4	390.9	519.8	656.1	799.0	952.5	1109.9	1260.3
42.5°	0.0	64.3	163.4	285.0	415.7	554.7	707.8	865.8	1034.2	1220.1	1394.7
40°	0.0	66.8	172.8	302.3	441.2	588.6	759.0	936.6	1121.6	1332.3	1536.0
37.5°	0.0	69.2	181.8	318.4	467.2	621.5	809.5	1006.5	1220.5	1449.9	1682.0
35°	0.0	71.4	190.4	333.6	492.3	658.8	859.3	1075.3	1319.1	1580.2	1840.2
32.5°	0.0	73.5	198.5	347.6	516.2	697.9	910.3	1143.0	1417.0	1712.1	2014.2
30°	0.0	75.5	206.1	360.7	539.0	735.8	964.8	1212.7	1513.8	1845.3	2192.2
27.5°	0.0	77.3	213.2	372.7	558.1	772.2	1017.5	1291.5	1615.1	1979.0	2373.3
25°	0.0	79.0	219.9	383.5	575.6	807.1	1068.1	1368.1	1724.4	2124.4	2557.2
22.5°	0.0	80.6	225.9	393.4	591.8	838.3	1116.5	1442.0	1831.6	2274.8	2758.3
20°	0.0	81.9	231.5	402.1	606.7	862.1	1162.5	1512.9	1936.1	2423.0	2957.6
17.5°	0.0	83.2	236.5	409.7	620.2	883.0	1197.2	1580.3	2037.0	2568.0	3153.6
15°	0.0	84.2	240.9	416.2	632.2	900.9	1223.0	1633.4	2133.6	2708.4	3344.7
12.5°	0.0	85.1	244.7	421.6	642.7	916.0	1245.2	1667.9	2202.8	2842.9	3529.0
10°	0.0	85.9	248.0	425.9	651.6	928.2	1263.5	1696.5	2247.1	2906.4	3672.8
7.5°	0.0	86.5	250.6	429.1	658.9	937.6	1278.0	1719.1	2282.8	2948.2	3738.0
5°	0.0	86.9	252.6	431.3	664.5	944.1	1288.5	1735.6	2309.8	2977.1	3788.5
2.5°	0.0	87.1	254.0	432.4	668.4	947.8	1295.0	1745.9	2327.9	2993.3	3823.5
0°	0.0	87.2	254.8	432.5	670.5	948.8	1297.5	1750.1	2336.8	2997.3	3842.1
-2.5°	0.0	87.1	254.0	432.4	668.4	947.8	1295.0	1745.9	2327.9	2993.3	3823.5
-5°	0.0	86.9	252.6	431.3	664.5	944.1	1288.5	1735.6	2309.8	2977.1	3788.5
-7.5°	0.0	86.5	250.6	429.1	658.9	937.6	1278.0	1719.1	2282.8	2948.2	3738.0
-10°	0.0	85.9	248.0	425.9	651.6	928.2	1263.5	1696.5	2247.1	2906.4	3672.8
-12.5°	0.0	85.1	244.7	421.6	642.7	916.0	1245.2	1667.9	2202.8	2842.9	3529.0
-15°	0.0	84.2	240.9	416.2	632.2	900.9	1223.0	1633.4	2133.6	2708.4	3344.7
-17.5°	0.0	83.2	236.5	409.7	620.2	883.0	1197.2	1580.3	2037.0	2568.0	3153.6
-20°	0.0	81.9	231.5	402.1	606.7	862.1	1162.5	1512.9	1936.1	2423.0	2957.6



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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	80.6	225.9	393.4	591.8	838.3	1116.5	1442.0	1831.6	2274.8	2758.3
-25°	0.0	79.0	219.9	383.5	575.6	807.1	1068.1	1368.1	1724.4	2124.4	2557.2
-27.5°	0.0	77.3	213.2	372.7	558.1	772.2	1017.5	1291.5	1615.1	1979.0	2373.3
-30°	0.0	75.5	206.1	360.7	539.0	735.8	964.8	1212.7	1513.8	1845.3	2192.2
-32.5°	0.0	73.5	198.5	347.6	516.2	697.9	910.3	1143.0	1417.0	1712.1	2014.2
-35°	0.0	71.4	190.4	333.6	492.3	658.8	859.3	1075.3	1319.1	1580.2	1840.2
-37.5°	0.0	69.2	181.8	318.4	467.2	621.5	809.5	1006.5	1220.5	1449.9	1682.0
-40°	0.0	66.8	172.8	302.3	441.2	588.6	759.0	936.6	1121.6	1332.3	1536.0
-42.5°	0.0	64.3	163.4	285.0	415.7	554.7	707.8	865.8	1034.2	1220.1	1394.7
-45°	0.0	61.6	153.5	266.4	390.9	519.8	656.1	799.0	952.5	1109.9	1260.3
-47.5°	0.0	58.9	143.3	247.2	365.4	484.0	604.0	738.7	870.8	1002.5	1142.4
-50°	0.0	56.0	132.7	230.2	339.3	447.4	559.0	678.5	791.0	914.4	1028.5
-52.5°	0.0	53.1	121.8	213.6	312.6	410.0	514.6	618.6	721.0	827.6	920.3
-55°	0.0	50.0	110.5	196.6	285.5	375.9	469.4	559.7	654.9	742.3	829.2
-57.5°	0.0	46.8	98.9	179.2	257.8	342.1	423.7	507.2	588.5	666.9	740.5
-60°	0.0	43.6	87.1	161.4	230.0	307.9	378.1	454.5	523.8	594.3	656.5
-62.5°	0.0	40.3	80.4	143.3	206.4	273.3	337.9	401.7	465.9	521.9	578.9
-65°	0.0	36.8	73.6	124.9	182.4	238.5	297.6	351.1	408.3	458.1	501.8
-67.5°	0.0	33.4	66.7	106.3	158.1	206.1	257.0	306.1	351.0	397.0	434.2
-70°	0.0	29.8	59.6	87.4	133.6	176.3	216.2	260.9	301.3	336.5	371.1
-72.5°	0.0	26.2	52.4	75.2	108.8	146.3	180.6	215.5	251.8	283.2	310.0
-75°	0.0	22.6	45.1	64.6	83.9	116.1	145.5	174.5	202.3	230.3	254.2
-77.5°	0.0	18.9	37.7	53.9	68.2	85.7	110.3	135.0	158.0	178.9	198.8
-80°	0.0	15.1	30.2	43.2	54.6	64.5	75.0	95.3	114.1	131.3	146.8
-82.5°	0.0	11.4	22.7	32.5	41.0	48.4	54.7	61.9	70.2	83.7	95.9
-85°	0.0	7.6	15.2	21.7	27.4	32.3	36.4	41.3	45.8	50.0	53.8
-87.5°	0.0	3.8	7.6	10.8	13.7	16.1	18.2	20.7	22.9	25.0	26.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-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°	29.0	31.0	32.9	34.6	36.2	37.7	39.1	40.3	42.0	43.7	45.2
85°	58.0	62.0	68.6	74.1	79.1	83.5	87.3	90.4	93.6	96.3	98.3
82.5°	106.7	115.7	122.8	128.2	134.3	139.7	144.3	148.3	152.5	156.4	159.7
80°	159.5	169.6	180.1	189.2	198.2	204.9	209.1	210.9	216.2	223.0	229.9
77.5°	216.2	231.6	245.2	257.0	266.5	274.9	280.9	284.5	292.9	302.7	311.2
75°	275.0	293.8	312.6	329.1	342.2	351.8	358.8	364.6	374.7	387.5	398.5
72.5°	336.3	361.6	383.9	403.1	420.6	433.9	443.9	450.4	460.5	475.6	487.7
70°	400.8	429.8	460.0	484.7	503.3	519.1	532.1	541.1	550.3	565.6	576.9
67.5°	467.6	508.9	542.4	568.5	589.3	608.6	623.4	633.0	637.1	652.5	665.3
65°	546.3	590.5	627.7	657.1	677.9	701.7	718.2	726.4	728.9	745.7	761.5
62.5°	626.5	675.4	716.2	749.9	776.9	799.6	818.0	828.4	830.1	842.5	860.7
60°	712.1	762.1	810.7	851.3	880.2	903.4	923.5	934.5	936.7	941.8	962.6
57.5°	801.2	855.3	912.0	957.6	991.2	1010.5	1032.4	1044.6	1049.5	1046.5	1067.9
55°	898.3	954.5	1018.5	1071.5	1107.5	1125.0	1145.5	1163.0	1169.0	1165.1	1177.8
52.5°	1008.2	1064.2	1132.4	1190.6	1230.8	1251.9	1266.4	1287.4	1297.0	1292.7	1290.2
50°	1123.7	1194.1	1250.5	1317.1	1365.6	1393.3	1393.7	1419.8	1432.4	1428.6	1411.3
47.5°	1254.5	1333.8	1376.5	1452.8	1515.9	1548.6	1550.7	1561.1	1576.7	1580.8	1566.0
45°	1395.7	1492.6	1538.5	1606.7	1677.3	1717.2	1729.3	1710.6	1738.4	1747.0	1737.7
42.5°	1544.5	1668.1	1740.6	1768.2	1850.5	1905.9	1927.3	1914.2	1912.7	1932.2	1931.8
40°	1716.3	1858.3	1967.1	1995.9	2037.5	2114.0	2159.3	2156.8	2106.1	2142.3	2151.7
37.5°	1900.1	2084.6	2219.1	2279.0	2247.5	2349.4	2415.8	2442.7	2411.1	2375.6	2416.1
35°	2093.4	2326.6	2507.9	2609.9	2614.4	2612.0	2716.0	2771.7	2775.5	2710.5	2725.2
32.5°	2309.8	2583.5	2823.7	2988.7	3063.6	3017.3	3044.3	3161.4	3218.7	3193.9	3100.2
30°	2542.1	2878.0	3172.5	3405.2	3572.7	3622.0	3510.4	3601.7	3728.8	3779.5	3738.8
27.5°	2777.1	3190.4	3563.9	3886.6	4145.9	4310.4	4314.2	4173.2	4317.2	4439.5	4486.8
25°	3015.8	3503.1	3979.0	4416.3	4808.8	5091.5	5221.5	5236.6	5035.1	5218.3	5388.9
22.5°	3270.2	3824.8	4389.6	4980.5	5527.5	5942.4	6257.6	6447.6	6441.4	6249.2	6399.2
20°	3539.5	4175.0	4832.6	5533.6	6279.5	6849.8	7378.2	7782.3	8025.6	8106.4	7949.0
17.5°	3808.2	4528.2	5297.7	6132.5	6995.7	7786.3	8578.2	9223.0	9734.0	10153.3	10303.4
15°	4073.6	4880.6	5764.6	6735.6	7733.0	8722.7	9740.8	10728.3	11597.8	12365.2	12820.2
12.5°	4332.9	5228.2	6227.8	7335.9	8480.7	9672.0	10886.8	12089.9	13342.3	14585.4	15530.1
10°	4582.9	5566.7	6681.5	7925.7	9227.6	10620.9	12030.8	13458.6	14980.0	16446.1	17857.5
7.5°	4689.8	5788.0	7072.3	8497.1	9962.0	11555.2	13157.4	14814.9	16592.7	18303.4	20026.9
5°	4755.7	5875.8	7182.1	8666.5	10296.1	12164.9	14076.6	16129.9	18158.4	20128.1	22158.9
2.5°	4799.5	5935.9	7255.4	8733.4	10345.9	12265.1	14200.8	16332.7	18608.8	20886.1	23303.9
0°	4821.1	5967.7	7292.0	8753.7	10339.5	12297.5	14248.7	16448.0	18754.6	21071.3	23545.5
-2.5°	4799.5	5935.9	7255.4	8733.4	10345.9	12265.1	14200.8	16332.7	18608.8	20886.1	23303.9
-5°	4755.7	5875.8	7182.1	8666.5	10296.1	12164.9	14076.6	16129.9	18158.4	20128.1	22158.9
-7.5°	4689.8	5788.0	7072.3	8497.1	9962.0	11555.2	13157.4	14814.9	16592.7	18303.4	20026.9
-10°	4582.9	5566.7	6681.5	7925.7	9227.6	10620.9	12030.8	13458.6	14980.0	16446.1	17857.5
-12.5°	4332.9	5228.2	6227.8	7335.9	8480.7	9672.0	10886.8	12089.9	13342.3	14585.4	15530.1
-15°	4073.6	4880.6	5764.6	6735.6	7733.0	8722.7	9740.8	10728.3	11597.8	12365.2	12820.2
-17.5°	3808.2	4528.2	5297.7	6132.5	6995.7	7786.3	8578.2	9223.0	9734.0	10153.3	10303.4
-20°	3539.5	4175.0	4832.6	5533.6	6279.5	6849.8	7378.2	7782.3	8025.6	8106.4	7949.0



REPORT NUMBER: P559254 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	3270.2	3824.8	4389.6	4980.5	5527.5	5942.4	6257.6	6447.6	6441.4	6249.2	6399.2
-25°	3015.8	3503.1	3979.0	4416.3	4808.8	5091.5	5221.5	5236.6	5035.1	5218.3	5388.9
-27.5°	2777.1	3190.4	3563.9	3886.6	4145.9	4310.4	4314.2	4173.2	4317.2	4439.5	4486.8
-30°	2542.1	2878.0	3172.5	3405.2	3572.7	3622.0	3510.4	3601.7	3728.8	3779.5	3738.8
-32.5°	2309.8	2583.5	2823.7	2988.7	3063.6	3017.3	3044.3	3161.4	3218.7	3193.9	3100.2
-35°	2093.4	2326.6	2507.9	2609.9	2614.4	2612.0	2716.0	2771.7	2775.5	2710.5	2725.2
-37.5°	1900.1	2084.6	2219.1	2279.0	2247.5	2349.4	2415.8	2442.7	2411.1	2375.6	2416.1
-40°	1716.3	1858.3	1967.1	1995.9	2037.5	2114.0	2159.3	2156.8	2106.1	2142.3	2151.7
-42.5°	1544.5	1668.1	1740.6	1768.2	1850.5	1905.9	1927.3	1914.2	1912.7	1932.2	1931.8
-45°	1395.7	1492.6	1538.5	1606.7	1677.3	1717.2	1729.3	1710.6	1738.4	1747.0	1737.7
-47.5°	1254.5	1333.8	1376.5	1452.8	1515.9	1548.6	1550.7	1561.1	1576.7	1580.8	1566.0
-50°	1123.7	1194.1	1250.5	1317.1	1365.6	1393.3	1393.7	1419.8	1432.4	1428.6	1411.3
-52.5°	1008.2	1064.2	1132.4	1190.6	1230.8	1251.9	1266.4	1287.4	1297.0	1292.7	1290.2
-55°	898.3	954.5	1018.5	1071.5	1107.5	1125.0	1145.5	1163.0	1169.0	1165.1	1177.8
-57.5°	801.2	855.3	912.0	957.6	991.2	1010.5	1032.4	1044.6	1049.5	1046.5	1067.9
-60°	712.1	762.1	810.7	851.3	880.2	903.4	923.5	934.5	936.7	941.8	962.6
-62.5°	626.5	675.4	716.2	749.9	776.9	799.6	818.0	828.4	830.1	842.5	860.7
-65°	546.3	590.5	627.7	657.1	677.9	701.7	718.2	726.4	728.9	745.7	761.5
-67.5°	467.6	508.9	542.4	568.5	589.3	608.6	623.4	633.0	637.1	652.5	665.3
-70°	400.8	429.8	460.0	484.7	503.3	519.1	532.1	541.1	550.3	565.6	576.9
-72.5°	336.3	361.6	383.9	403.1	420.6	433.9	443.9	450.4	460.5	475.6	487.7
-75°	275.0	293.8	312.6	329.1	342.2	351.8	358.8	364.6	374.7	387.5	398.5
-77.5°	216.2	231.6	245.2	257.0	266.5	274.9	280.9	284.5	292.9	302.7	311.2
-80°	159.5	169.6	180.1	189.2	198.2	204.9	209.1	210.9	216.2	223.0	229.9
-82.5°	106.7	115.7	122.8	128.2	134.3	139.7	144.3	148.3	152.5	156.4	159.7
-85°	58.0	62.0	68.6	74.1	79.1	83.5	87.3	90.4	93.6	96.3	98.3
-87.5°	29.0	31.0	32.9	34.6	36.2	37.7	39.1	40.3	42.0	43.7	45.2
-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: P559254 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-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°	46.7	46.0	45.0	43.9	42.5	42.6	42.5	42.4	42.1	41.7	41.3
85°	99.8	101.7	103.5	105.2	106.9	108.6	110.1	111.3	112.3	112.2	111.8
82.5°	162.5	168.0	173.4	178.5	183.3	185.9	187.7	189.0	189.6	191.2	192.4
80°	235.9	243.9	251.3	257.4	262.3	266.0	269.1	271.5	273.2	275.2	276.5
77.5°	319.1	328.0	336.5	344.0	350.4	356.4	361.6	365.6	368.6	373.3	377.6
75°	407.6	417.7	428.2	437.7	446.0	454.8	463.5	471.5	478.7	484.7	489.1
72.5°	497.1	507.6	520.6	532.6	543.8	555.7	567.4	577.7	586.5	594.9	602.4
70°	585.4	595.3	612.0	628.1	643.1	657.4	671.4	684.1	695.3	706.0	715.8
67.5°	676.6	687.0	707.7	726.4	743.0	758.7	775.1	789.8	802.5	814.0	823.8
65°	773.9	783.1	805.5	825.9	843.6	858.3	875.9	891.9	906.2	918.7	929.4
62.5°	874.6	883.9	902.4	922.5	939.2	953.3	974.1	992.2	1007.4	1020.2	1030.8
60°	976.9	984.8	999.0	1021.1	1039.9	1055.3	1073.6	1091.2	1106.0	1118.6	1129.8
57.5°	1083.0	1091.0	1097.8	1120.0	1138.1	1152.1	1168.1	1185.3	1199.7	1211.5	1223.1
55°	1192.6	1198.7	1196.6	1217.1	1234.0	1245.5	1257.4	1275.6	1289.8	1300.3	1310.9
52.5°	1304.6	1312.0	1306.9	1315.5	1334.0	1344.4	1349.5	1369.1	1383.7	1393.2	1402.9
50°	1429.4	1435.3	1430.7	1425.8	1443.8	1454.5	1457.4	1473.2	1486.5	1493.8	1500.6
47.5°	1564.7	1571.9	1568.3	1548.8	1564.7	1578.3	1578.6	1585.3	1599.1	1604.7	1608.8
45°	1711.8	1725.8	1722.8	1709.2	1707.0	1720.8	1719.5	1714.1	1730.0	1737.1	1739.3
42.5°	1905.0	1900.4	1904.8	1896.9	1872.6	1888.2	1890.2	1870.4	1890.3	1898.8	1893.8
40°	2141.3	2098.2	2122.0	2118.4	2095.7	2092.2	2104.5	2088.4	2091.4	2103.7	2094.2
37.5°	2422.5	2391.7	2378.8	2389.4	2382.8	2353.6	2376.9	2371.2	2352.9	2373.5	2364.4
35°	2768.7	2759.5	2690.0	2732.2	2741.0	2713.4	2721.4	2733.3	2693.5	2724.8	2721.5
32.5°	3173.4	3194.0	3179.0	3153.0	3192.4	3197.4	3151.8	3206.6	3184.5	3192.4	3214.0
30°	3631.8	3737.0	3788.2	3742.4	3767.0	3816.0	3793.5	3831.7	3849.9	3821.3	3875.4
27.5°	4432.6	4395.2	4518.0	4571.3	4514.2	4603.5	4668.3	4639.6	4734.4	4678.3	4758.5
25°	5450.3	5395.5	5428.4	5604.8	5643.9	5598.5	5781.3	5802.7	5878.1	5887.2	5943.2
22.5°	6646.0	6778.3	6762.9	6816.6	7038.1	7112.3	7179.8	7355.5	7315.5	7474.8	7502.5
20°	7982.9	8315.5	8544.7	8592.8	8687.5	8942.3	9059.1	9197.8	9290.9	9441.8	9569.3
17.5°	10244.5	10074.0	10523.5	10805.8	10954.3	11007.4	11314.2	11414.2	11644.8	11776.4	11907.2
15°	13148.3	13247.6	13044.8	13313.9	13768.5	13922.1	13745.6	14157.7	14273.5	14495.4	14534.7
12.5°	16251.9	16754.4	17000.7	17067.6	16830.0	17476.7	17735.8	17410.6	17779.5	17713.0	18016.5
10°	19213.4	20434.1	21164.8	21678.9	21991.4	22179.6	22366.6	22702.7	22708.6	22957.6	22812.2
7.5°	21644.7	23192.4	24671.1	26105.4	27252.7	27895.9	28401.0	28885.3	29531.7	29841.2	30042.5
5°	24023.4	25809.1	27578.3	29317.0	30891.5	32406.3	33890.9	35178.7	35861.2	36658.7	37369.7
2.5°	25561.9	27820.6	30080.1	32318.0	34137.3	35806.6	37351.8	38787.0	40046.0	41210.6	42194.1
0°	25862.2	28390.1	30747.0	32979.8	35028.3	37090.2	38890.5	40513.2	41884.4	43121.5	43956.4
-2.5°	25561.9	27820.6	30080.1	32318.0	34137.3	35806.6	37351.8	38787.0	40046.0	41210.6	42194.1
-5°	24023.4	25809.1	27578.3	29317.0	30891.5	32406.3	33890.9	35178.7	35861.2	36658.7	37369.7
-7.5°	21644.7	23192.4	24671.1	26105.4	27252.7	27895.9	28401.0	28885.3	29531.7	29841.2	30042.5
-10°	19213.4	20434.1	21164.8	21678.9	21991.4	22179.6	22366.6	22702.7	22708.6	22957.6	22812.2
-12.5°	16251.9	16754.4	17000.7	17067.6	16830.0	17476.7	17735.8	17410.6	17779.5	17713.0	18016.5
-15°	13148.3	13247.6	13044.8	13313.9	13768.5	13922.1	13745.6	14157.7	14273.5	14495.4	14534.7
-17.5°	10244.5	10074.0	10523.5	10805.8	10954.3	11007.4	11314.2	11414.2	11644.8	11776.4	11907.2
-20°	7982.9	8315.5	8544.7	8592.8	8687.5	8942.3	9059.1	9197.8	9290.9	9441.8	9569.3



REPORT NUMBER: P559254 (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°	6646.0	6778.3	6762.9	6816.6	7038.1	7112.3	7179.8	7355.5	7315.5	7474.8	7502.5
-25°	5450.3	5395.5	5428.4	5604.8	5643.9	5598.5	5781.3	5802.7	5878.1	5887.2	5943.2
-27.5°	4432.6	4395.2	4518.0	4571.3	4514.2	4603.5	4668.3	4639.6	4734.4	4678.3	4758.5
-30°	3631.8	3737.0	3788.2	3742.4	3767.0	3816.0	3793.5	3831.7	3849.9	3821.3	3875.4
-32.5°	3173.4	3194.0	3179.0	3153.0	3192.4	3197.4	3151.8	3206.6	3184.5	3192.4	3214.0
-35°	2768.7	2759.5	2690.0	2732.2	2741.0	2713.4	2721.4	2733.3	2693.5	2724.8	2721.5
-37.5°	2422.5	2391.7	2378.8	2389.4	2382.8	2353.6	2376.9	2371.2	2352.9	2373.5	2364.4
-40°	2141.3	2098.2	2122.0	2118.4	2095.7	2092.2	2104.5	2088.4	2091.4	2103.7	2094.2
-42.5°	1905.0	1900.4	1904.8	1896.9	1872.6	1888.2	1890.2	1870.4	1890.3	1898.8	1893.8
-45°	1711.8	1725.8	1722.8	1709.2	1707.0	1720.8	1719.5	1714.1	1730.0	1737.1	1739.3
-47.5°	1564.7	1571.9	1568.3	1548.8	1564.7	1578.3	1578.6	1585.3	1599.1	1604.7	1608.8
-50°	1429.4	1435.3	1430.7	1425.8	1443.8	1454.5	1457.4	1473.2	1486.5	1493.8	1500.6
-52.5°	1304.6	1312.0	1306.9	1315.5	1334.0	1344.4	1349.5	1369.1	1383.7	1393.2	1402.9
-55°	1192.6	1198.7	1196.6	1217.1	1234.0	1245.5	1257.4	1275.6	1289.8	1300.3	1310.9
-57.5°	1083.0	1091.0	1097.8	1120.0	1138.1	1152.1	1168.1	1185.3	1199.7	1211.5	1223.1
-60°	976.9	984.8	999.0	1021.1	1039.9	1055.3	1073.6	1091.2	1106.0	1118.6	1129.8
-62.5°	874.6	883.9	902.4	922.5	939.2	953.3	974.1	992.2	1007.4	1020.2	1030.8
-65°	773.9	783.1	805.5	825.9	843.6	858.3	875.9	891.9	906.2	918.7	929.4
-67.5°	676.6	687.0	707.7	726.4	743.0	758.7	775.1	789.8	802.5	814.0	823.8
-70°	585.4	595.3	612.0	628.1	643.1	657.4	671.4	684.1	695.3	706.0	715.8
-72.5°	497.1	507.6	520.6	532.6	543.8	555.7	567.4	577.7	586.5	594.9	602.4
-75°	407.6	417.7	428.2	437.7	446.0	454.8	463.5	471.5	478.7	484.7	489.1
-77.5°	319.1	328.0	336.5	344.0	350.4	356.4	361.6	365.6	368.6	373.3	377.6
-80°	235.9	243.9	251.3	257.4	262.3	266.0	269.1	271.5	273.2	275.2	276.5
-82.5°	162.5	168.0	173.4	178.5	183.3	185.9	187.7	189.0	189.6	191.2	192.4
-85°	99.8	101.7	103.5	105.2	106.9	108.6	110.1	111.3	112.3	112.2	111.8
-87.5°	46.7	46.0	45.0	43.9	42.5	42.6	42.5	42.4	42.1	41.7	41.3
-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: P559254 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-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°	40.7	40.0	41.9	43.6	41.9	40.0	40.7	41.3	41.7	42.1	42.4
85°	111.1	110.1	112.2	114.0	112.2	110.1	111.1	111.8	112.2	112.3	111.3
82.5°	193.2	193.6	194.3	194.5	194.3	193.6	193.2	192.4	191.2	189.6	189.0
80°	277.1	277.1	276.3	274.9	276.3	277.1	277.1	276.5	275.2	273.2	271.5
77.5°	381.0	383.5	385.1	385.6	385.1	383.5	381.0	377.6	373.3	368.6	365.6
75°	492.1	493.7	493.9	492.8	493.9	493.7	492.1	489.1	484.7	478.7	471.5
72.5°	608.6	613.5	614.5	613.5	614.5	613.5	608.6	602.4	594.9	586.5	577.7
70°	723.9	730.3	730.1	727.5	730.1	730.3	723.9	715.8	706.0	695.3	684.1
67.5°	831.7	837.5	842.0	844.9	842.0	837.5	831.7	823.8	814.0	802.5	789.8
65°	937.9	944.3	947.7	948.8	947.7	944.3	937.9	929.4	918.7	906.2	891.9
62.5°	1039.0	1044.8	1048.3	1049.4	1048.3	1044.8	1039.0	1030.8	1020.2	1007.4	992.2
60°	1138.6	1144.9	1145.9	1143.2	1145.9	1144.9	1138.6	1129.8	1118.6	1106.0	1091.2
57.5°	1232.1	1238.6	1238.4	1233.8	1238.4	1238.6	1232.1	1223.1	1211.5	1199.7	1185.3
55°	1318.5	1323.2	1325.0	1324.3	1325.0	1323.2	1318.5	1310.9	1300.3	1289.8	1275.6
52.5°	1410.1	1413.8	1415.4	1414.8	1415.4	1413.8	1410.1	1402.9	1393.2	1383.7	1369.1
50°	1505.5	1506.0	1505.9	1505.3	1505.9	1506.0	1505.5	1500.6	1493.8	1486.5	1473.2
47.5°	1614.7	1615.8	1616.0	1616.0	1616.0	1615.8	1614.7	1608.8	1604.7	1599.1	1585.3
45°	1743.7	1740.1	1736.4	1736.7	1736.4	1740.1	1743.7	1739.3	1737.1	1730.0	1714.1
42.5°	1898.5	1894.5	1889.7	1890.9	1889.7	1894.5	1898.5	1893.8	1898.8	1890.3	1870.4
40°	2102.5	2101.4	2094.5	2092.0	2094.5	2101.4	2102.5	2094.2	2103.7	2091.4	2088.4
37.5°	2365.8	2362.0	2346.7	2340.1	2346.7	2362.0	2365.8	2364.4	2373.5	2352.9	2371.2
35°	2712.2	2707.1	2683.6	2685.5	2683.6	2707.1	2712.2	2721.5	2724.8	2693.5	2733.3
32.5°	3203.2	3205.0	3169.7	3161.5	3169.7	3205.0	3203.2	3214.0	3192.4	3184.5	3206.6
30°	3841.8	3855.8	3814.2	3832.1	3814.2	3855.8	3841.8	3875.4	3821.3	3849.9	3831.7
27.5°	4757.0	4783.7	4746.9	4717.2	4746.9	4783.7	4757.0	4758.5	4678.3	4734.4	4639.6
25°	6016.6	6036.5	5994.5	5957.6	5994.5	6036.5	6016.6	5943.2	5887.2	5878.1	5802.7
22.5°	7656.3	7655.0	7652.9	7711.1	7652.9	7655.0	7656.3	7502.5	7474.8	7315.5	7355.5
20°	9651.7	9603.3	9675.7	9722.6	9675.7	9603.3	9651.7	9569.3	9441.8	9290.9	9197.8
17.5°	11937.6	12028.1	12097.7	12213.6	12097.7	12028.1	11937.6	11907.2	11776.4	11644.8	11414.2
15°	14633.0	14769.7	14839.2	14801.9	14839.2	14769.7	14633.0	14534.7	14495.4	14273.5	14157.7
12.5°	18027.2	18190.3	18069.9	17919.8	18069.9	18190.3	18027.2	18016.5	17713.0	17779.5	17410.6
10°	22814.4	23165.8	23185.5	22891.8	23185.5	23165.8	22814.4	22812.2	22957.6	22708.6	22702.7
7.5°	30159.3	30330.1	30589.7	30602.8	30589.7	30330.1	30159.3	30042.5	29841.2	29531.7	28885.3
5°	37692.0	38147.0	38440.4	38947.5	38440.4	38147.0	37692.0	37369.7	36658.7	35861.2	35178.7
2.5°	42829.3	43417.4	43643.2	44217.9	43643.2	43417.4	42829.3	42194.1	41210.6	40046.0	38787.0
0°	44700.6	45176.7	45461.7	45689.7	45461.7	45176.7	44700.6	43956.4	43121.5	41884.4	40513.2
-2.5°	42829.3	43417.4	43643.2	44217.9	43643.2	43417.4	42829.3	42194.1	41210.6	40046.0	38787.0
-5°	37692.0	38147.0	38440.4	38947.5	38440.4	38147.0	37692.0	37369.7	36658.7	35861.2	35178.7
-7.5°	30159.3	30330.1	30589.7	30602.8	30589.7	30330.1	30159.3	30042.5	29841.2	29531.7	28885.3
-10°	22814.4	23165.8	23185.5	22891.8	23185.5	23165.8	22814.4	22812.2	22957.6	22708.6	22702.7
-12.5°	18027.2	18190.3	18069.9	17919.8	18069.9	18190.3	18027.2	18016.5	17713.0	17779.5	17410.6
-15°	14633.0	14769.7	14839.2	14801.9	14839.2	14769.7	14633.0	14534.7	14495.4	14273.5	14157.7
-17.5°	11937.6	12028.1	12097.7	12213.6	12097.7	12028.1	11937.6	11907.2	11776.4	11644.8	11414.2
-20°	9651.7	9603.3	9675.7	9722.6	9675.7	9603.3	9651.7	9569.3	9441.8	9290.9	9197.8



REPORT NUMBER: P559254 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	7656.3	7655.0	7652.9	7711.1	7652.9	7655.0	7656.3	7502.5	7474.8	7315.5	7355.5
-25°	6016.6	6036.5	5994.5	5957.6	5994.5	6036.5	6016.6	5943.2	5887.2	5878.1	5802.7
-27.5°	4757.0	4783.7	4746.9	4717.2	4746.9	4783.7	4757.0	4758.5	4678.3	4734.4	4639.6
-30°	3841.8	3855.8	3814.2	3832.1	3814.2	3855.8	3841.8	3875.4	3821.3	3849.9	3831.7
-32.5°	3203.2	3205.0	3169.7	3161.5	3169.7	3205.0	3203.2	3214.0	3192.4	3184.5	3206.6
-35°	2712.2	2707.1	2683.6	2685.5	2683.6	2707.1	2712.2	2721.5	2724.8	2693.5	2733.3
-37.5°	2365.8	2362.0	2346.7	2340.1	2346.7	2362.0	2365.8	2364.4	2373.5	2352.9	2371.2
-40°	2102.5	2101.4	2094.5	2092.0	2094.5	2101.4	2102.5	2094.2	2103.7	2091.4	2088.4
-42.5°	1898.5	1894.5	1889.7	1890.9	1889.7	1894.5	1898.5	1893.8	1898.8	1890.3	1870.4
-45°	1743.7	1740.1	1736.4	1736.7	1736.4	1740.1	1743.7	1739.3	1737.1	1730.0	1714.1
-47.5°	1614.7	1615.8	1616.0	1616.0	1616.0	1615.8	1614.7	1608.8	1604.7	1599.1	1585.3
-50°	1505.5	1506.0	1505.9	1505.3	1505.9	1506.0	1505.5	1500.6	1493.8	1486.5	1473.2
-52.5°	1410.1	1413.8	1415.4	1414.8	1415.4	1413.8	1410.1	1402.9	1393.2	1383.7	1369.1
-55°	1318.5	1323.2	1325.0	1324.3	1325.0	1323.2	1318.5	1310.9	1300.3	1289.8	1275.6
-57.5°	1232.1	1238.6	1238.4	1233.8	1238.4	1238.6	1232.1	1223.1	1211.5	1199.7	1185.3
-60°	1138.6	1144.9	1145.9	1143.2	1145.9	1144.9	1138.6	1129.8	1118.6	1106.0	1091.2
-62.5°	1039.0	1044.8	1048.3	1049.4	1048.3	1044.8	1039.0	1030.8	1020.2	1007.4	992.2
-65°	937.9	944.3	947.7	948.8	947.7	944.3	937.9	929.4	918.7	906.2	891.9
-67.5°	831.7	837.5	842.0	844.9	842.0	837.5	831.7	823.8	814.0	802.5	789.8
-70°	723.9	730.3	730.1	727.5	730.1	730.3	723.9	715.8	706.0	695.3	684.1
-72.5°	608.6	613.5	614.5	613.5	614.5	613.5	608.6	602.4	594.9	586.5	577.7
-75°	492.1	493.7	493.9	492.8	493.9	493.7	492.1	489.1	484.7	478.7	471.5
-77.5°	381.0	383.5	385.1	385.6	385.1	383.5	381.0	377.6	373.3	368.6	365.6
-80°	277.1	277.1	276.3	274.9	276.3	277.1	277.1	276.5	275.2	273.2	271.5
-82.5°	193.2	193.6	194.3	194.5	194.3	193.6	193.2	192.4	191.2	189.6	189.0
-85°	111.1	110.1	112.2	114.0	112.2	110.1	111.1	111.8	112.2	112.3	111.3
-87.5°	40.7	40.0	41.9	43.6	41.9	40.0	40.7	41.3	41.7	42.1	42.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	42.5	42.6	42.5	43.9	45.0	46.0	46.7	45.2	43.7	42.0	40.3
85°	110.1	108.6	106.9	105.2	103.5	101.7	99.8	98.3	96.3	93.6	90.4
82.5°	187.7	185.9	183.3	178.5	173.4	168.0	162.5	159.7	156.4	152.5	148.3
80°	269.1	266.0	262.3	257.4	251.3	243.9	235.9	229.9	223.0	216.2	210.9
77.5°	361.6	356.4	350.4	344.0	336.5	328.0	319.1	311.2	302.7	292.9	284.5
75°	463.5	454.8	446.0	437.7	428.2	417.7	407.6	398.5	387.5	374.7	364.6
72.5°	567.4	555.7	543.8	532.6	520.6	507.6	497.1	487.7	475.6	460.5	450.4
70°	671.4	657.4	643.1	628.1	612.0	595.3	585.4	576.9	565.6	550.3	541.1
67.5°	775.1	758.7	743.0	726.4	707.7	687.0	676.6	665.3	652.5	637.1	633.0
65°	875.9	858.3	843.6	825.9	805.5	783.1	773.9	761.5	745.7	728.9	726.4
62.5°	974.1	953.3	939.2	922.5	902.4	883.9	874.6	860.7	842.5	830.1	828.4
60°	1073.6	1055.3	1039.9	1021.1	999.0	984.8	976.9	962.6	941.8	936.7	934.5
57.5°	1168.1	1152.1	1138.1	1120.0	1097.8	1091.0	1083.0	1067.9	1046.5	1049.5	1044.6
55°	1257.4	1245.5	1234.0	1217.1	1196.6	1198.7	1192.6	1177.8	1165.1	1169.0	1163.0
52.5°	1349.5	1344.4	1334.0	1315.5	1306.9	1312.0	1304.6	1290.2	1292.7	1297.0	1287.4
50°	1457.4	1454.5	1443.8	1425.8	1430.7	1435.3	1429.4	1411.3	1428.6	1432.4	1419.8
47.5°	1578.6	1578.3	1564.7	1548.8	1568.3	1571.9	1564.7	1566.0	1580.8	1576.7	1561.1
45°	1719.5	1720.8	1707.0	1709.2	1722.8	1725.8	1711.8	1737.7	1747.0	1738.4	1710.6
42.5°	1890.2	1888.2	1872.6	1896.9	1904.8	1900.4	1905.0	1931.8	1932.2	1912.7	1914.2
40°	2104.5	2092.2	2095.7	2118.4	2122.0	2098.2	2141.3	2151.7	2142.3	2106.1	2156.8
37.5°	2376.9	2353.6	2382.8	2389.4	2378.8	2391.7	2422.5	2416.1	2375.6	2411.1	2442.7
35°	2721.4	2713.4	2741.0	2732.2	2690.0	2759.5	2768.7	2725.2	2710.5	2775.5	2771.7
32.5°	3151.8	3197.4	3192.4	3153.0	3179.0	3194.0	3173.4	3100.2	3193.9	3218.7	3161.4
30°	3793.5	3816.0	3767.0	3742.4	3788.2	3737.0	3631.8	3738.8	3779.5	3728.8	3601.7
27.5°	4668.3	4603.5	4514.2	4571.3	4518.0	4395.2	4432.6	4486.8	4439.5	4317.2	4173.2
25°	5781.3	5598.5	5643.9	5604.8	5428.4	5395.5	5450.3	5388.9	5218.3	5035.1	5236.6
22.5°	7179.8	7112.3	7038.1	6816.6	6762.9	6778.3	6646.0	6399.2	6249.2	6441.4	6447.6
20°	9059.1	8942.3	8687.5	8592.8	8544.7	8315.5	7982.9	7949.0	8106.4	8025.6	7782.3
17.5°	11314.2	11007.4	10954.3	10805.8	10523.5	10074.0	10244.5	10303.4	10153.3	9734.0	9223.0
15°	13745.6	13922.1	13768.5	13313.9	13044.8	13247.6	13148.3	12820.2	12365.2	11597.8	10728.3
12.5°	17735.8	17476.7	16830.0	17067.6	17000.7	16754.4	16251.9	15530.1	14585.4	13342.3	12089.9
10°	22366.6	22179.6	21991.4	21678.9	21164.8	20434.1	19213.4	17857.5	16446.1	14980.0	13458.6
7.5°	28401.0	27895.9	27252.7	26105.4	24671.1	23192.4	21644.7	20026.9	18303.4	16592.7	14814.9
5°	33890.9	32406.3	30891.5	29317.0	27578.3	25809.1	24023.4	22158.9	20128.1	18158.4	16129.9
2.5°	37351.8	35806.6	34137.3	32318.0	30080.1	27820.6	25561.9	23303.9	20886.1	18608.8	16332.7
0°	38890.5	37090.2	35028.3	32979.8	30747.0	28390.1	25862.2	23545.5	21071.3	18754.6	16448.0
-2.5°	37351.8	35806.6	34137.3	32318.0	30080.1	27820.6	25561.9	23303.9	20886.1	18608.8	16332.7
-5°	33890.9	32406.3	30891.5	29317.0	27578.3	25809.1	24023.4	22158.9	20128.1	18158.4	16129.9
-7.5°	28401.0	27895.9	27252.7	26105.4	24671.1	23192.4	21644.7	20026.9	18303.4	16592.7	14814.9
-10°	22366.6	22179.6	21991.4	21678.9	21164.8	20434.1	19213.4	17857.5	16446.1	14980.0	13458.6
-12.5°	17735.8	17476.7	16830.0	17067.6	17000.7	16754.4	16251.9	15530.1	14585.4	13342.3	12089.9
-15°	13745.6	13922.1	13768.5	13313.9	13044.8	13247.6	13148.3	12820.2	12365.2	11597.8	10728.3
-17.5°	11314.2	11007.4	10954.3	10805.8	10523.5	10074.0	10244.5	10303.4	10153.3	9734.0	9223.0
-20°	9059.1	8942.3	8687.5	8592.8	8544.7	8315.5	7982.9	7949.0	8106.4	8025.6	7782.3



REPORT NUMBER: P559254 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7179.8	7112.3	7038.1	6816.6	6762.9	6778.3	6646.0	6399.2	6249.2	6441.4	6447.6
-25°	5781.3	5598.5	5643.9	5604.8	5428.4	5395.5	5450.3	5388.9	5218.3	5035.1	5236.6
-27.5°	4668.3	4603.5	4514.2	4571.3	4518.0	4395.2	4432.6	4486.8	4439.5	4317.2	4173.2
-30°	3793.5	3816.0	3767.0	3742.4	3788.2	3737.0	3631.8	3738.8	3779.5	3728.8	3601.7
-32.5°	3151.8	3197.4	3192.4	3153.0	3179.0	3194.0	3173.4	3100.2	3193.9	3218.7	3161.4
-35°	2721.4	2713.4	2741.0	2732.2	2690.0	2759.5	2768.7	2725.2	2710.5	2775.5	2771.7
-37.5°	2376.9	2353.6	2382.8	2389.4	2378.8	2391.7	2422.5	2416.1	2375.6	2411.1	2442.7
-40°	2104.5	2092.2	2095.7	2118.4	2122.0	2098.2	2141.3	2151.7	2142.3	2106.1	2156.8
-42.5°	1890.2	1888.2	1872.6	1896.9	1904.8	1900.4	1905.0	1931.8	1932.2	1912.7	1914.2
-45°	1719.5	1720.8	1707.0	1709.2	1722.8	1725.8	1711.8	1737.7	1747.0	1738.4	1710.6
-47.5°	1578.6	1578.3	1564.7	1548.8	1568.3	1571.9	1564.7	1566.0	1580.8	1576.7	1561.1
-50°	1457.4	1454.5	1443.8	1425.8	1430.7	1435.3	1429.4	1411.3	1428.6	1432.4	1419.8
-52.5°	1349.5	1344.4	1334.0	1315.5	1306.9	1312.0	1304.6	1290.2	1292.7	1297.0	1287.4
-55°	1257.4	1245.5	1234.0	1217.1	1196.6	1198.7	1192.6	1177.8	1165.1	1169.0	1163.0
-57.5°	1168.1	1152.1	1138.1	1120.0	1097.8	1091.0	1083.0	1067.9	1046.5	1049.5	1044.6
-60°	1073.6	1055.3	1039.9	1021.1	999.0	984.8	976.9	962.6	941.8	936.7	934.5
-62.5°	974.1	953.3	939.2	922.5	902.4	883.9	874.6	860.7	842.5	830.1	828.4
-65°	875.9	858.3	843.6	825.9	805.5	783.1	773.9	761.5	745.7	728.9	726.4
-67.5°	775.1	758.7	743.0	726.4	707.7	687.0	676.6	665.3	652.5	637.1	633.0
-70°	671.4	657.4	643.1	628.1	612.0	595.3	585.4	576.9	565.6	550.3	541.1
-72.5°	567.4	555.7	543.8	532.6	520.6	507.6	497.1	487.7	475.6	460.5	450.4
-75°	463.5	454.8	446.0	437.7	428.2	417.7	407.6	398.5	387.5	374.7	364.6
-77.5°	361.6	356.4	350.4	344.0	336.5	328.0	319.1	311.2	302.7	292.9	284.5
-80°	269.1	266.0	262.3	257.4	251.3	243.9	235.9	229.9	223.0	216.2	210.9
-82.5°	187.7	185.9	183.3	178.5	173.4	168.0	162.5	159.7	156.4	152.5	148.3
-85°	110.1	108.6	106.9	105.2	103.5	101.7	99.8	98.3	96.3	93.6	90.4
-87.5°	42.5	42.6	42.5	43.9	45.0	46.0	46.7	45.2	43.7	42.0	40.3
-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: P559254 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	39.1	37.7	36.2	34.6	32.9	31.0	29.0	26.9	25.0	22.9	20.7
85°	87.3	83.5	79.1	74.1	68.6	62.0	58.0	53.8	50.0	45.8	41.3
82.5°	144.3	139.7	134.3	128.2	122.8	115.7	106.7	95.9	83.7	70.2	61.9
80°	209.1	204.9	198.2	189.2	180.1	169.6	159.5	146.8	131.3	114.1	95.3
77.5°	280.9	274.9	266.5	257.0	245.2	231.6	216.2	198.8	178.9	158.0	135.0
75°	358.8	351.8	342.2	329.1	312.6	293.8	275.0	254.2	230.3	202.3	174.5
72.5°	443.9	433.9	420.6	403.1	383.9	361.6	336.3	310.0	283.2	251.8	215.5
70°	532.1	519.1	503.3	484.7	460.0	429.8	400.8	371.1	336.5	301.3	260.9
67.5°	623.4	608.6	589.3	568.5	542.4	508.9	467.6	434.2	397.0	351.0	306.1
65°	718.2	701.7	677.9	657.1	627.7	590.5	546.3	501.8	458.1	408.3	351.1
62.5°	818.0	799.6	776.9	749.9	716.2	675.4	626.5	578.9	521.9	465.9	401.7
60°	923.5	903.4	880.2	851.3	810.7	762.1	712.1	656.5	594.3	523.8	454.5
57.5°	1032.4	1010.5	991.2	957.6	912.0	855.3	801.2	740.5	666.9	588.5	507.2
55°	1145.5	1125.0	1107.5	1071.5	1018.5	954.5	898.3	829.2	742.3	654.9	559.7
52.5°	1266.4	1251.9	1230.8	1190.6	1132.4	1064.2	1008.2	920.3	827.6	721.0	618.6
50°	1393.7	1393.3	1365.6	1317.1	1250.5	1194.1	1123.7	1028.5	914.4	791.0	678.5
47.5°	1550.7	1548.6	1515.9	1452.8	1376.5	1333.8	1254.5	1142.4	1002.5	870.8	738.7
45°	1729.3	1717.2	1677.3	1606.7	1538.5	1492.6	1395.7	1260.3	1109.9	952.5	799.0
42.5°	1927.3	1905.9	1850.5	1768.2	1740.6	1668.1	1544.5	1394.7	1220.1	1034.2	865.8
40°	2159.3	2114.0	2037.5	1995.9	1967.1	1858.3	1716.3	1536.0	1332.3	1121.6	936.6
37.5°	2415.8	2349.4	2247.5	2279.0	2219.1	2084.6	1900.1	1682.0	1449.9	1220.5	1006.5
35°	2716.0	2612.0	2614.4	2609.9	2507.9	2326.6	2093.4	1840.2	1580.2	1319.1	1075.3
32.5°	3044.3	3017.3	3063.6	2988.7	2823.7	2583.5	2309.8	2014.2	1712.1	1417.0	1143.0
30°	3510.4	3622.0	3572.7	3405.2	3172.5	2878.0	2542.1	2192.2	1845.3	1513.8	1212.7
27.5°	4314.2	4310.4	4145.9	3886.6	3563.9	3190.4	2777.1	2373.3	1979.0	1615.1	1291.5
25°	5221.5	5091.5	4808.8	4416.3	3979.0	3503.1	3015.8	2557.2	2124.4	1724.4	1368.1
22.5°	6257.6	5942.4	5527.5	4980.5	4389.6	3824.8	3270.2	2758.3	2274.8	1831.6	1442.0
20°	7378.2	6849.8	6279.5	5533.6	4832.6	4175.0	3539.5	2957.6	2423.0	1936.1	1512.9
17.5°	8578.2	7786.3	6995.7	6132.5	5297.7	4528.2	3808.2	3153.6	2568.0	2037.0	1580.3
15°	9740.8	8722.7	7733.0	6735.6	5764.6	4880.6	4073.6	3344.7	2708.4	2133.6	1633.4
12.5°	10886.8	9672.0	8480.7	7335.9	6227.8	5228.2	4332.9	3529.0	2842.9	2202.8	1667.9
10°	12030.8	10620.9	9227.6	7925.7	6681.5	5566.7	4582.9	3672.8	2906.4	2247.1	1696.5
7.5°	13157.4	11555.2	9962.0	8497.1	7072.3	5788.0	4689.8	3738.0	2948.2	2282.8	1719.1
5°	14076.6	12164.9	10296.1	8666.5	7182.1	5875.8	4755.7	3788.5	2977.1	2309.8	1735.6
2.5°	14200.8	12265.1	10345.9	8733.4	7255.4	5935.9	4799.5	3823.5	2993.3	2327.9	1745.9
0°	14248.7	12297.5	10339.5	8753.7	7292.0	5967.7	4821.1	3842.1	2997.3	2336.8	1750.1
-2.5°	14200.8	12265.1	10345.9	8733.4	7255.4	5935.9	4799.5	3823.5	2993.3	2327.9	1745.9
-5°	14076.6	12164.9	10296.1	8666.5	7182.1	5875.8	4755.7	3788.5	2977.1	2309.8	1735.6
-7.5°	13157.4	11555.2	9962.0	8497.1	7072.3	5788.0	4689.8	3738.0	2948.2	2282.8	1719.1
-10°	12030.8	10620.9	9227.6	7925.7	6681.5	5566.7	4582.9	3672.8	2906.4	2247.1	1696.5
-12.5°	10886.8	9672.0	8480.7	7335.9	6227.8	5228.2	4332.9	3529.0	2842.9	2202.8	1667.9
-15°	9740.8	8722.7	7733.0	6735.6	5764.6	4880.6	4073.6	3344.7	2708.4	2133.6	1633.4
-17.5°	8578.2	7786.3	6995.7	6132.5	5297.7	4528.2	3808.2	3153.6	2568.0	2037.0	1580.3
-20°	7378.2	6849.8	6279.5	5533.6	4832.6	4175.0	3539.5	2957.6	2423.0	1936.1	1512.9



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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°	6257.6	5942.4	5527.5	4980.5	4389.6	3824.8	3270.2	2758.3	2274.8	1831.6	1442.0
-25°	5221.5	5091.5	4808.8	4416.3	3979.0	3503.1	3015.8	2557.2	2124.4	1724.4	1368.1
-27.5°	4314.2	4310.4	4145.9	3886.6	3563.9	3190.4	2777.1	2373.3	1979.0	1615.1	1291.5
-30°	3510.4	3622.0	3572.7	3405.2	3172.5	2878.0	2542.1	2192.2	1845.3	1513.8	1212.7
-32.5°	3044.3	3017.3	3063.6	2988.7	2823.7	2583.5	2309.8	2014.2	1712.1	1417.0	1143.0
-35°	2716.0	2612.0	2614.4	2609.9	2507.9	2326.6	2093.4	1840.2	1580.2	1319.1	1075.3
-37.5°	2415.8	2349.4	2247.5	2279.0	2219.1	2084.6	1900.1	1682.0	1449.9	1220.5	1006.5
-40°	2159.3	2114.0	2037.5	1995.9	1967.1	1858.3	1716.3	1536.0	1332.3	1121.6	936.6
-42.5°	1927.3	1905.9	1850.5	1768.2	1740.6	1668.1	1544.5	1394.7	1220.1	1034.2	865.8
-45°	1729.3	1717.2	1677.3	1606.7	1538.5	1492.6	1395.7	1260.3	1109.9	952.5	799.0
-47.5°	1550.7	1548.6	1515.9	1452.8	1376.5	1333.8	1254.5	1142.4	1002.5	870.8	738.7
-50°	1393.7	1393.3	1365.6	1317.1	1250.5	1194.1	1123.7	1028.5	914.4	791.0	678.5
-52.5°	1266.4	1251.9	1230.8	1190.6	1132.4	1064.2	1008.2	920.3	827.6	721.0	618.6
-55°	1145.5	1125.0	1107.5	1071.5	1018.5	954.5	898.3	829.2	742.3	654.9	559.7
-57.5°	1032.4	1010.5	991.2	957.6	912.0	855.3	801.2	740.5	666.9	588.5	507.2
-60°	923.5	903.4	880.2	851.3	810.7	762.1	712.1	656.5	594.3	523.8	454.5
-62.5°	818.0	799.6	776.9	749.9	716.2	675.4	626.5	578.9	521.9	465.9	401.7
-65°	718.2	701.7	677.9	657.1	627.7	590.5	546.3	501.8	458.1	408.3	351.1
-67.5°	623.4	608.6	589.3	568.5	542.4	508.9	467.6	434.2	397.0	351.0	306.1
-70°	532.1	519.1	503.3	484.7	460.0	429.8	400.8	371.1	336.5	301.3	260.9
-72.5°	443.9	433.9	420.6	403.1	383.9	361.6	336.3	310.0	283.2	251.8	215.5
-75°	358.8	351.8	342.2	329.1	312.6	293.8	275.0	254.2	230.3	202.3	174.5
-77.5°	280.9	274.9	266.5	257.0	245.2	231.6	216.2	198.8	178.9	158.0	135.0
-80°	209.1	204.9	198.2	189.2	180.1	169.6	159.5	146.8	131.3	114.1	95.3
-82.5°	144.3	139.7	134.3	128.2	122.8	115.7	106.7	95.9	83.7	70.2	61.9
-85°	87.3	83.5	79.1	74.1	68.6	62.0	58.0	53.8	50.0	45.8	41.3
-87.5°	39.1	37.7	36.2	34.6	32.9	31.0	29.0	26.9	25.0	22.9	20.7
-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°	18.2	16.1	13.7	10.8	7.6	3.8	0.0
85°	36.4	32.3	27.4	21.7	15.2	7.6	0.0
82.5°	54.7	48.4	41.0	32.5	22.7	11.4	0.0
80°	75.0	64.5	54.6	43.2	30.2	15.1	0.0
77.5°	110.3	85.7	68.2	53.9	37.7	18.9	0.0
75°	145.5	116.1	83.9	64.6	45.1	22.6	0.0
72.5°	180.6	146.3	108.8	75.2	52.4	26.2	0.0
70°	216.2	176.3	133.6	87.4	59.6	29.8	0.0
67.5°	257.0	206.1	158.1	106.3	66.7	33.4	0.0
65°	297.6	238.5	182.4	124.9	73.6	36.8	0.0
62.5°	337.9	273.3	206.4	143.3	80.4	40.3	0.0
60°	378.1	307.9	230.0	161.4	87.1	43.6	0.0
57.5°	423.7	342.1	257.8	179.2	98.9	46.8	0.0
55°	469.4	375.9	285.5	196.6	110.5	50.0	0.0
52.5°	514.6	410.0	312.6	213.6	121.8	53.1	0.0
50°	559.0	447.4	339.3	230.2	132.7	56.0	0.0
47.5°	604.0	484.0	365.4	247.2	143.3	58.9	0.0
45°	656.1	519.8	390.9	266.4	153.5	61.6	0.0
42.5°	707.8	554.7	415.7	285.0	163.4	64.3	0.0
40°	759.0	588.6	441.2	302.3	172.8	66.8	0.0
37.5°	809.5	621.5	467.2	318.4	181.8	69.2	0.0
35°	859.3	658.8	492.3	333.6	190.4	71.4	0.0
32.5°	910.3	697.9	516.2	347.6	198.5	73.5	0.0
30°	964.8	735.8	539.0	360.7	206.1	75.5	0.0
27.5°	1017.5	772.2	558.1	372.7	213.2	77.3	0.0
25°	1068.1	807.1	575.6	383.5	219.9	79.0	0.0
22.5°	1116.5	838.3	591.8	393.4	225.9	80.6	0.0
20°	1162.5	862.1	606.7	402.1	231.5	81.9	0.0
17.5°	1197.2	883.0	620.2	409.7	236.5	83.2	0.0
15°	1223.0	900.9	632.2	416.2	240.9	84.2	0.0
12.5°	1245.2	916.0	642.7	421.6	244.7	85.1	0.0
10°	1263.5	928.2	651.6	425.9	248.0	85.9	0.0
7.5°	1278.0	937.6	658.9	429.1	250.6	86.5	0.0
5°	1288.5	944.1	664.5	431.3	252.6	86.9	0.0
2.5°	1295.0	947.8	668.4	432.4	254.0	87.1	0.0
0°	1297.5	948.8	670.5	432.5	254.8	87.2	0.0
-2.5°	1295.0	947.8	668.4	432.4	254.0	87.1	0.0
-5°	1288.5	944.1	664.5	431.3	252.6	86.9	0.0
-7.5°	1278.0	937.6	658.9	429.1	250.6	86.5	0.0
-10°	1263.5	928.2	651.6	425.9	248.0	85.9	0.0
-12.5°	1245.2	916.0	642.7	421.6	244.7	85.1	0.0
-15°	1223.0	900.9	632.2	416.2	240.9	84.2	0.0
-17.5°	1197.2	883.0	620.2	409.7	236.5	83.2	0.0
-20°	1162.5	862.1	606.7	402.1	231.5	81.9	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	1116.5	838.3	591.8	393.4	225.9	80.6	0.0
-25°	1068.1	807.1	575.6	383.5	219.9	79.0	0.0
-27.5°	1017.5	772.2	558.1	372.7	213.2	77.3	0.0
-30°	964.8	735.8	539.0	360.7	206.1	75.5	0.0
-32.5°	910.3	697.9	516.2	347.6	198.5	73.5	0.0
-35°	859.3	658.8	492.3	333.6	190.4	71.4	0.0
-37.5°	809.5	621.5	467.2	318.4	181.8	69.2	0.0
-40°	759.0	588.6	441.2	302.3	172.8	66.8	0.0
-42.5°	707.8	554.7	415.7	285.0	163.4	64.3	0.0
-45°	656.1	519.8	390.9	266.4	153.5	61.6	0.0
-47.5°	604.0	484.0	365.4	247.2	143.3	58.9	0.0
-50°	559.0	447.4	339.3	230.2	132.7	56.0	0.0
-52.5°	514.6	410.0	312.6	213.6	121.8	53.1	0.0
-55°	469.4	375.9	285.5	196.6	110.5	50.0	0.0
-57.5°	423.7	342.1	257.8	179.2	98.9	46.8	0.0
-60°	378.1	307.9	230.0	161.4	87.1	43.6	0.0
-62.5°	337.9	273.3	206.4	143.3	80.4	40.3	0.0
-65°	297.6	238.5	182.4	124.9	73.6	36.8	0.0
-67.5°	257.0	206.1	158.1	106.3	66.7	33.4	0.0
-70°	216.2	176.3	133.6	87.4	59.6	29.8	0.0
-72.5°	180.6	146.3	108.8	75.2	52.4	26.2	0.0
-75°	145.5	116.1	83.9	64.6	45.1	22.6	0.0
-77.5°	110.3	85.7	68.2	53.9	37.7	18.9	0.0
-80°	75.0	64.5	54.6	43.2	30.2	15.1	0.0
-82.5°	54.7	48.4	41.0	32.5	22.7	11.4	0.0
-85°	36.4	32.3	27.4	21.7	15.2	7.6	0.0
-87.5°	18.2	16.1	13.7	10.8	7.6	3.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)