

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: P559206 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-930-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559206 (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-SA6D-930-U-NAT-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (96) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

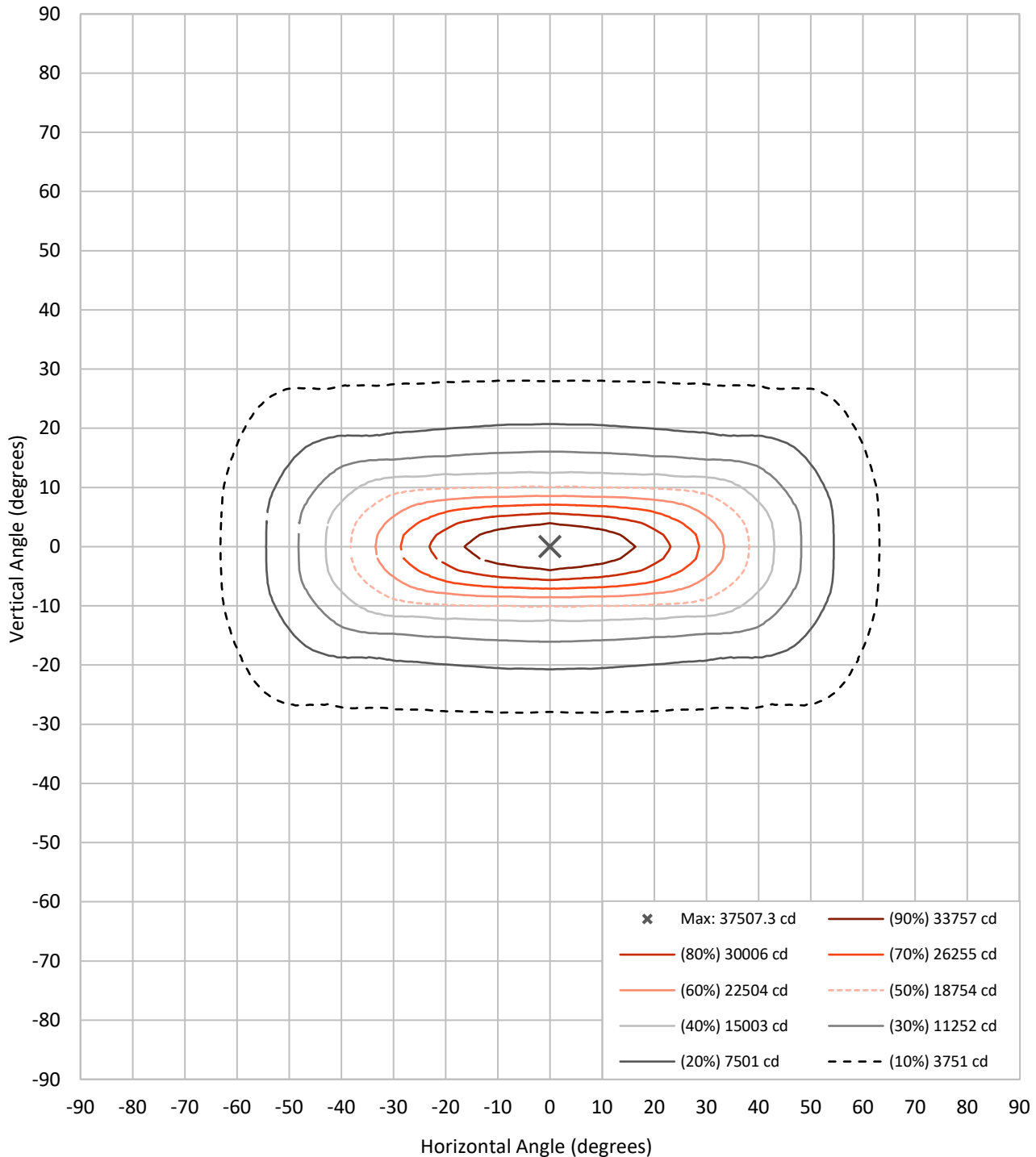
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	26862 lumens	Max Intensity:	37507.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	84.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	10747.4 lumens	Field Lumens:	22016.2 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 319
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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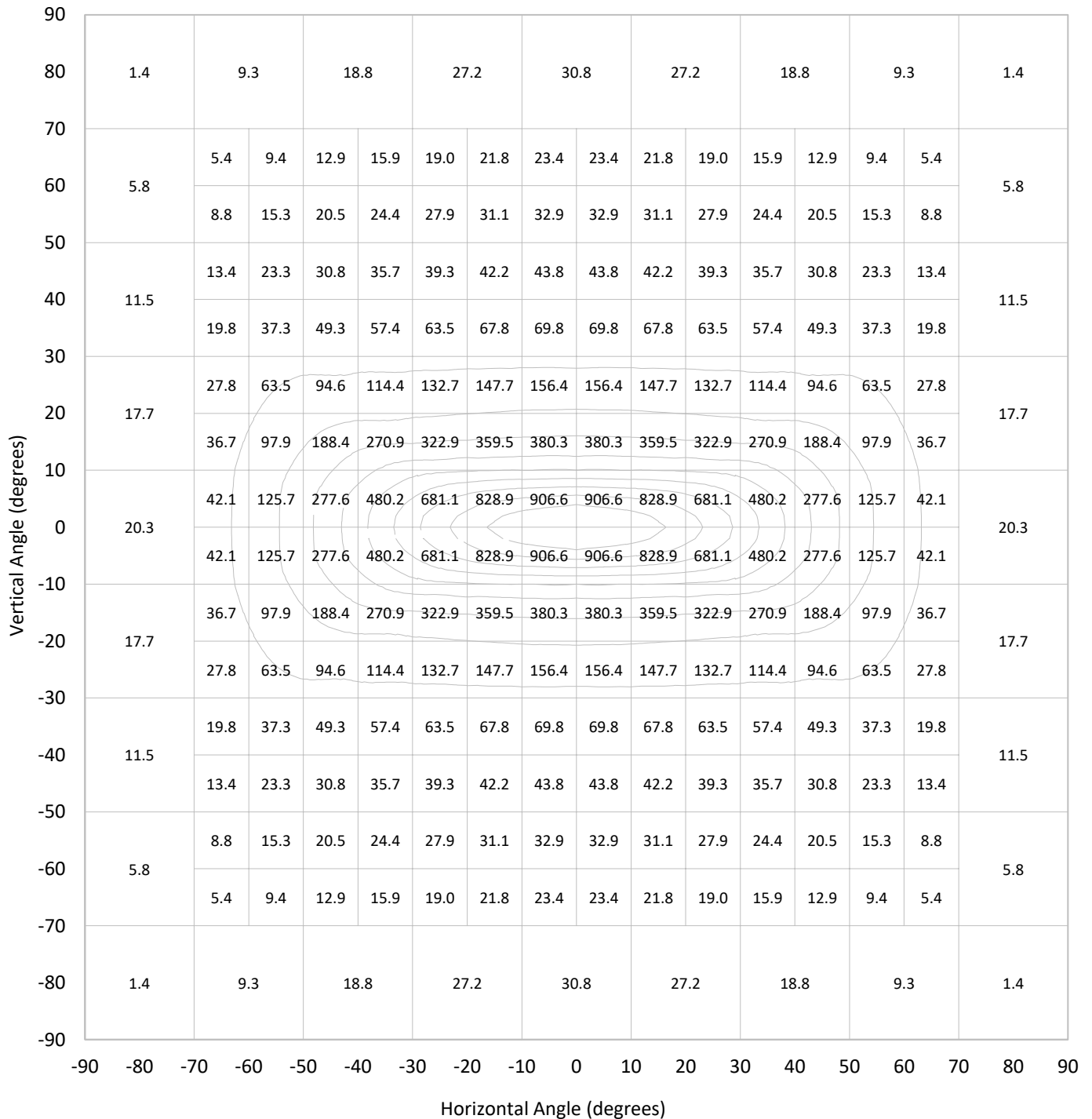
Iso-Candela Plot





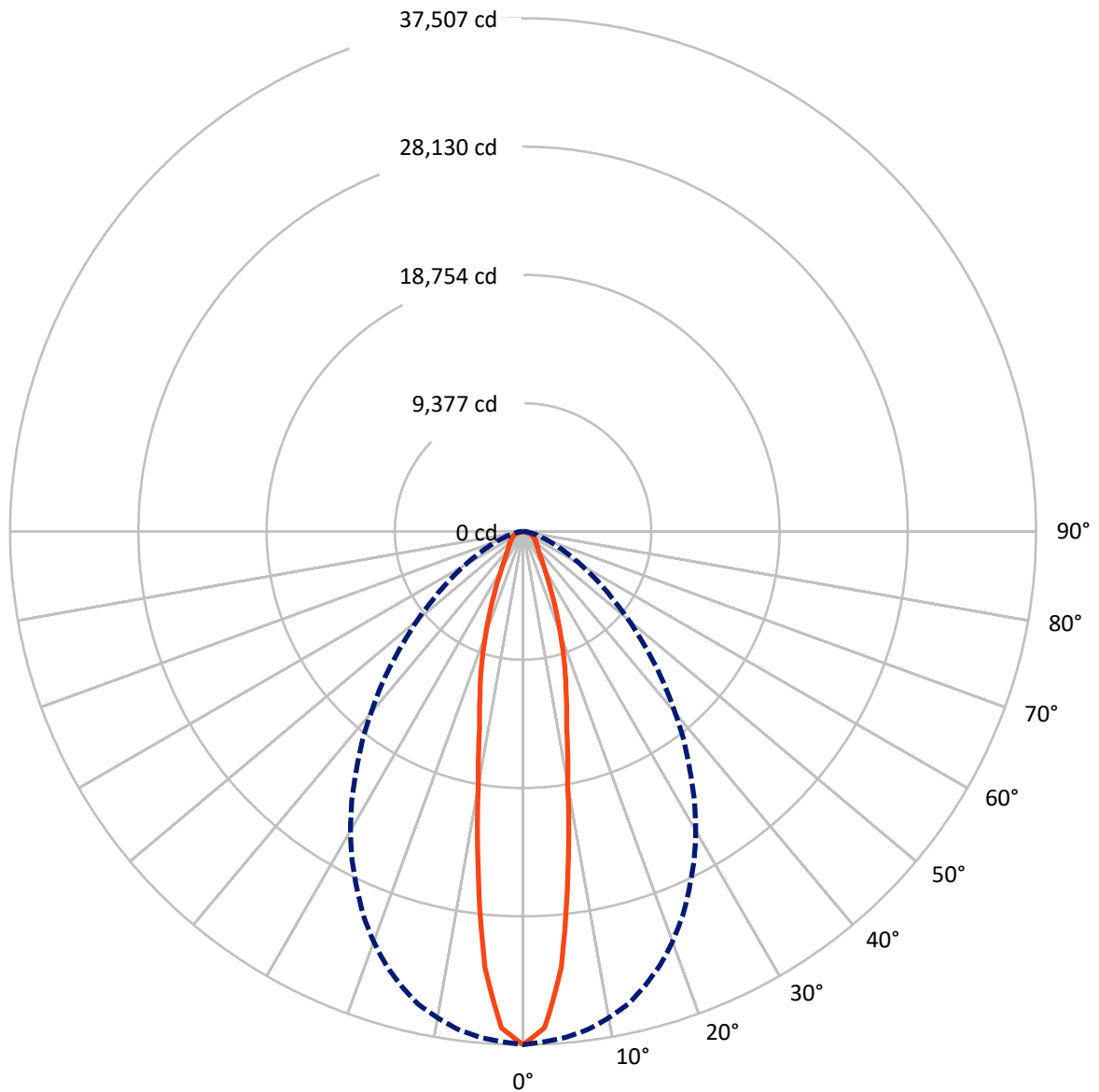
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Lumen Table



REPORT NUMBER: P559206 (CONVERTED FROM TYPE C PHOTOMETRY)
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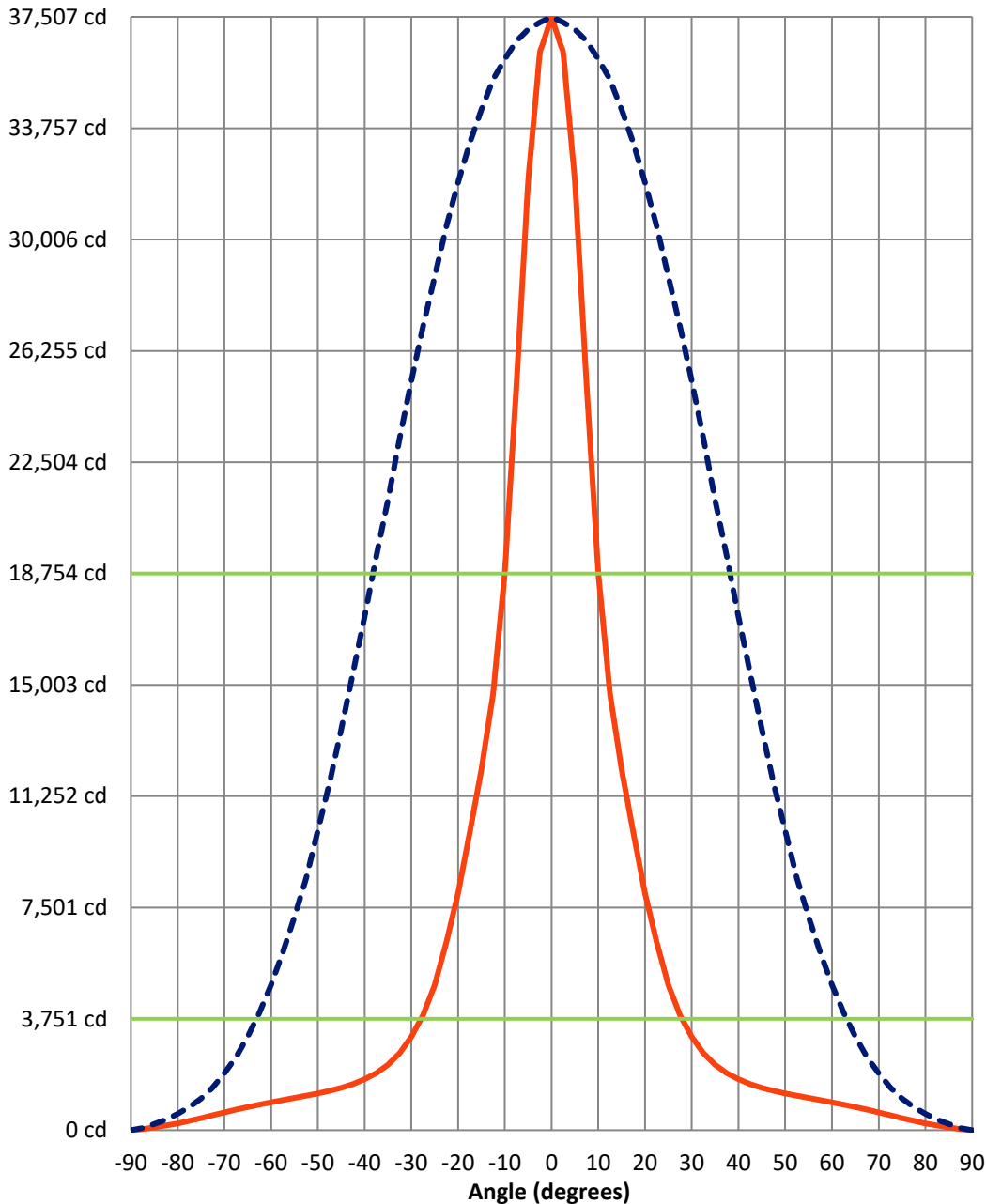
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 76.4°
V Angle: 20°
Lumens: 10747.4
Efficiency: 40.0%

Field:
H Angle: 126.3°
V Angle: 55.8°
Lumens: 22016.2
Efficiency: 82.0%

Spill:
Lumens: 4845.8
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	3.1	6.2	8.9	11.2	13.3	15.0	17.0	18.8	20.5	22.1
85°	0.0	6.2	12.5	17.8	22.5	26.5	29.9	33.9	37.6	41.1	44.2
82.5°	0.0	9.3	18.7	26.6	33.7	39.8	44.9	50.8	57.6	68.7	78.7
80°	0.0	12.4	24.8	35.5	44.9	53.0	61.5	78.2	93.7	107.8	120.5
77.5°	0.0	15.5	31.0	44.3	56.0	70.3	90.5	110.8	129.7	146.9	163.2
75°	0.0	18.5	37.0	53.0	68.9	95.3	119.4	143.3	166.0	189.1	208.7
72.5°	0.0	21.5	43.0	61.7	89.4	120.1	148.2	176.9	206.7	232.5	254.5
70°	0.0	24.5	48.9	71.7	109.7	144.7	177.5	214.1	247.3	276.2	304.7
67.5°	0.0	27.4	54.7	87.2	129.8	169.2	210.9	251.2	288.1	325.9	356.5
65°	0.0	30.3	60.5	102.6	149.7	195.7	244.2	288.2	335.2	376.1	412.0
62.5°	0.0	33.1	66.1	117.7	169.4	224.4	277.4	329.7	382.5	428.4	475.2
60°	0.0	35.8	71.5	132.5	188.8	252.7	310.3	373.0	430.0	487.9	538.9
57.5°	0.0	38.5	81.2	147.1	211.6	280.8	347.8	416.3	483.1	547.5	607.9
55°	0.0	41.1	90.7	161.4	234.3	308.5	385.3	459.4	537.6	609.3	680.7
52.5°	0.0	43.6	100.0	175.4	256.6	336.5	422.4	507.8	591.9	679.4	755.4
50°	0.0	46.0	109.0	189.0	278.5	367.2	458.9	557.0	649.3	750.6	844.3
47.5°	0.0	48.4	117.6	203.0	299.9	397.3	495.8	606.4	714.9	822.9	937.8
45°	0.0	50.6	126.0	218.7	320.8	426.7	538.6	655.9	781.9	911.1	1034.6
42.5°	0.0	52.8	134.1	233.9	341.2	455.3	581.0	710.8	849.0	1001.6	1144.9
40°	0.0	54.8	141.9	248.2	362.2	483.2	623.1	768.8	920.7	1093.8	1261.0
37.5°	0.0	56.8	149.3	261.4	383.5	510.2	664.5	826.2	1001.9	1190.3	1380.8
35°	0.0	58.6	156.3	273.8	404.1	540.8	705.4	882.7	1082.9	1297.2	1510.6
32.5°	0.0	60.4	163.0	285.4	423.7	572.9	747.3	938.3	1163.3	1405.5	1653.5
30°	0.0	62.0	169.2	296.1	442.5	604.0	792.0	995.5	1242.8	1514.8	1799.6
27.5°	0.0	63.5	175.1	305.9	458.1	633.9	835.3	1060.3	1325.9	1624.6	1948.3
25°	0.0	64.9	180.5	314.8	472.5	662.6	876.9	1123.1	1415.6	1743.9	2099.2
22.5°	0.0	66.1	185.5	322.9	485.8	688.2	916.6	1183.8	1503.6	1867.4	2264.3
20°	0.0	67.3	190.1	330.0	498.0	707.7	954.4	1242.0	1589.3	1989.1	2427.9
17.5°	0.0	68.3	194.2	336.3	509.1	724.8	982.8	1297.3	1672.2	2108.1	2588.9
15°	0.0	69.2	197.8	341.6	518.9	739.6	1004.0	1340.9	1751.5	2223.3	2745.7
12.5°	0.0	69.9	200.9	346.0	527.6	752.0	1022.2	1369.2	1808.3	2333.8	2897.1
10°	0.0	70.5	203.6	349.6	534.9	762.0	1037.2	1392.7	1844.6	2385.9	3015.1
7.5°	0.0	71.0	205.8	352.2	540.9	769.7	1049.1	1411.2	1874.0	2420.2	3068.6
5°	0.0	71.3	207.4	354.0	545.5	775.0	1057.7	1424.8	1896.2	2443.9	3110.0
2.5°	0.0	71.5	208.6	354.9	548.7	778.1	1063.1	1433.3	1911.0	2457.2	3138.7
0°	0.0	71.6	209.2	355.0	550.4	778.9	1065.1	1436.7	1918.3	2460.5	3154.0
-2.5°	0.0	71.5	208.6	354.9	548.7	778.1	1063.1	1433.3	1911.0	2457.2	3138.7
-5°	0.0	71.3	207.4	354.0	545.5	775.0	1057.7	1424.8	1896.2	2443.9	3110.0
-7.5°	0.0	71.0	205.8	352.2	540.9	769.7	1049.1	1411.2	1874.0	2420.2	3068.6
-10°	0.0	70.5	203.6	349.6	534.9	762.0	1037.2	1392.7	1844.6	2385.9	3015.1
-12.5°	0.0	69.9	200.9	346.0	527.6	752.0	1022.2	1369.2	1808.3	2333.8	2897.1
-15°	0.0	69.2	197.8	341.6	518.9	739.6	1004.0	1340.9	1751.5	2223.3	2745.7
-17.5°	0.0	68.3	194.2	336.3	509.1	724.8	982.8	1297.3	1672.2	2108.1	2588.9
-20°	0.0	67.3	190.1	330.0	498.0	707.7	954.4	1242.0	1589.3	1989.1	2427.9



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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	66.1	185.5	322.9	485.8	688.2	916.6	1183.8	1503.6	1867.4	2264.3
-25°	0.0	64.9	180.5	314.8	472.5	662.6	876.9	1123.1	1415.6	1743.9	2099.2
-27.5°	0.0	63.5	175.1	305.9	458.1	633.9	835.3	1060.3	1325.9	1624.6	1948.3
-30°	0.0	62.0	169.2	296.1	442.5	604.0	792.0	995.5	1242.8	1514.8	1799.6
-32.5°	0.0	60.4	163.0	285.4	423.7	572.9	747.3	938.3	1163.3	1405.5	1653.5
-35°	0.0	58.6	156.3	273.8	404.1	540.8	705.4	882.7	1082.9	1297.2	1510.6
-37.5°	0.0	56.8	149.3	261.4	383.5	510.2	664.5	826.2	1001.9	1190.3	1380.8
-40°	0.0	54.8	141.9	248.2	362.2	483.2	623.1	768.8	920.7	1093.8	1261.0
-42.5°	0.0	52.8	134.1	233.9	341.2	455.3	581.0	710.8	849.0	1001.6	1144.9
-45°	0.0	50.6	126.0	218.7	320.8	426.7	538.6	655.9	781.9	911.1	1034.6
-47.5°	0.0	48.4	117.6	203.0	299.9	397.3	495.8	606.4	714.9	822.9	937.8
-50°	0.0	46.0	109.0	189.0	278.5	367.2	458.9	557.0	649.3	750.6	844.3
-52.5°	0.0	43.6	100.0	175.4	256.6	336.5	422.4	507.8	591.9	679.4	755.4
-55°	0.0	41.1	90.7	161.4	234.3	308.5	385.3	459.4	537.6	609.3	680.7
-57.5°	0.0	38.5	81.2	147.1	211.6	280.8	347.8	416.3	483.1	547.5	607.9
-60°	0.0	35.8	71.5	132.5	188.8	252.7	310.3	373.0	430.0	487.9	538.9
-62.5°	0.0	33.1	66.1	117.7	169.4	224.4	277.4	329.7	382.5	428.4	475.2
-65°	0.0	30.3	60.5	102.6	149.7	195.7	244.2	288.2	335.2	376.1	412.0
-67.5°	0.0	27.4	54.7	87.2	129.8	169.2	210.9	251.2	288.1	325.9	356.5
-70°	0.0	24.5	48.9	71.7	109.7	144.7	177.5	214.1	247.3	276.2	304.7
-72.5°	0.0	21.5	43.0	61.7	89.4	120.1	148.2	176.9	206.7	232.5	254.5
-75°	0.0	18.5	37.0	53.0	68.9	95.3	119.4	143.3	166.0	189.1	208.7
-77.5°	0.0	15.5	31.0	44.3	56.0	70.3	90.5	110.8	129.7	146.9	163.2
-80°	0.0	12.4	24.8	35.5	44.9	53.0	61.5	78.2	93.7	107.8	120.5
-82.5°	0.0	9.3	18.7	26.6	33.7	39.8	44.9	50.8	57.6	68.7	78.7
-85°	0.0	6.2	12.5	17.8	22.5	26.5	29.9	33.9	37.6	41.1	44.2
-87.5°	0.0	3.1	6.2	8.9	11.2	13.3	15.0	17.0	18.8	20.5	22.1
-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°	23.8	25.4	27.0	28.4	29.7	30.9	32.1	33.1	34.5	35.8	37.1
85°	47.6	50.9	56.3	60.8	65.0	68.6	71.6	74.2	76.8	79.0	80.7
82.5°	87.6	95.0	100.8	105.2	110.3	114.7	118.4	121.7	125.1	128.3	131.1
80°	130.9	139.3	147.9	155.3	162.7	168.2	171.6	173.1	177.5	183.0	188.7
77.5°	177.5	190.2	201.3	210.9	218.7	225.6	230.6	233.6	240.5	248.5	255.5
75°	225.8	241.2	256.6	270.2	280.8	288.8	294.6	299.3	307.6	318.2	327.1
72.5°	276.1	296.9	315.1	330.9	345.2	356.2	364.4	369.7	378.0	390.4	400.4
70°	329.1	352.9	377.6	397.9	413.2	426.1	436.8	444.2	451.7	464.2	473.6
67.5°	383.9	417.8	445.3	466.7	483.8	499.6	511.7	519.6	523.0	535.7	546.2
65°	448.5	484.8	515.3	539.4	556.5	576.1	589.6	596.3	598.4	612.2	625.2
62.5°	514.3	554.4	587.9	615.6	637.8	656.4	671.5	680.0	681.5	691.7	706.6
60°	584.5	625.6	665.5	698.8	722.5	741.7	758.1	767.1	769.0	773.1	790.2
57.5°	657.7	702.1	748.7	786.1	813.7	829.5	847.5	857.5	861.5	859.1	876.6
55°	737.4	783.5	836.1	879.6	909.2	923.6	940.4	954.7	959.6	956.4	966.8
52.5°	827.6	873.5	929.6	977.4	1010.4	1027.7	1039.6	1056.9	1064.7	1061.2	1059.1
50°	922.5	980.2	1026.6	1081.2	1121.1	1143.8	1144.1	1165.6	1175.9	1172.7	1158.6
47.5°	1029.8	1095.0	1130.0	1192.7	1244.4	1271.2	1273.1	1281.6	1294.3	1297.7	1285.6
45°	1145.8	1225.3	1262.9	1318.9	1376.9	1409.7	1419.6	1404.3	1427.1	1434.2	1426.5
42.5°	1267.9	1369.4	1428.8	1451.6	1519.1	1564.6	1582.2	1571.4	1570.2	1586.1	1585.9
40°	1409.0	1525.5	1614.8	1638.5	1672.6	1735.4	1772.6	1770.6	1728.9	1758.6	1766.4
37.5°	1559.8	1711.3	1821.7	1870.8	1844.9	1928.7	1983.2	2005.2	1979.3	1950.1	1983.4
35°	1718.5	1909.9	2058.7	2142.5	2146.2	2144.3	2229.6	2275.3	2278.5	2225.0	2237.1
32.5°	1896.2	2120.8	2318.0	2453.4	2514.9	2476.9	2499.1	2595.2	2642.3	2621.9	2545.0
30°	2086.9	2362.6	2604.4	2795.4	2932.8	2973.3	2881.7	2956.7	3061.0	3102.6	3069.2
27.5°	2279.8	2619.1	2925.7	3190.5	3403.4	3538.4	3541.6	3425.8	3544.1	3644.5	3683.2
25°	2475.8	2875.7	3266.4	3625.4	3947.6	4179.6	4286.4	4298.8	4133.4	4283.7	4423.8
22.5°	2684.6	3139.8	3603.5	4088.5	4537.6	4878.1	5137.0	5293.0	5287.9	5130.0	5253.3
20°	2905.7	3427.3	3967.1	4542.5	5154.9	5623.1	6056.9	6388.6	6588.3	6654.7	6525.4
17.5°	3126.2	3717.3	4348.9	5034.2	5742.9	6391.9	7042.0	7571.3	7990.7	8335.0	8458.2
15°	3344.1	4006.6	4732.2	5529.3	6348.2	7160.6	7996.4	8807.1	9520.7	10150.8	10524.3
12.5°	3556.9	4292.0	5112.5	6022.1	6961.9	7939.8	8937.1	9924.7	10952.9	11973.4	12749.0
10°	3762.2	4569.8	5484.9	6506.4	7575.1	8718.9	9876.2	11048.3	12297.3	13500.8	14659.5
7.5°	3849.9	4751.5	5805.7	6975.4	8177.9	9485.8	10801.0	12161.8	13621.1	15025.5	16440.3
5°	3904.0	4823.5	5895.9	7114.5	8452.2	9986.4	11555.6	13241.2	14906.5	16523.4	18190.5
2.5°	3940.0	4872.9	5956.1	7169.4	8493.1	10068.6	11657.5	13407.7	15276.2	17145.6	19130.5
0°	3957.7	4899.0	5986.1	7186.1	8487.9	10095.2	11696.9	13502.4	15395.9	17297.7	19328.9
-2.5°	3940.0	4872.9	5956.1	7169.4	8493.1	10068.6	11657.5	13407.7	15276.2	17145.6	19130.5
-5°	3904.0	4823.5	5895.9	7114.5	8452.2	9986.4	11555.6	13241.2	14906.5	16523.4	18190.5
-7.5°	3849.9	4751.5	5805.7	6975.4	8177.9	9485.8	10801.0	12161.8	13621.1	15025.5	16440.3
-10°	3762.2	4569.8	5484.9	6506.4	7575.1	8718.9	9876.2	11048.3	12297.3	13500.8	14659.5
-12.5°	3556.9	4292.0	5112.5	6022.1	6961.9	7939.8	8937.1	9924.7	10952.9	11973.4	12749.0
-15°	3344.1	4006.6	4732.2	5529.3	6348.2	7160.6	7996.4	8807.1	9520.7	10150.8	10524.3
-17.5°	3126.2	3717.3	4348.9	5034.2	5742.9	6391.9	7042.0	7571.3	7990.7	8335.0	8458.2
-20°	2905.7	3427.3	3967.1	4542.5	5154.9	5623.1	6056.9	6388.6	6588.3	6654.7	6525.4



REPORT NUMBER: P559206 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-930-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°	2684.6	3139.8	3603.5	4088.5	4537.6	4878.1	5137.0	5293.0	5287.9	5130.0	5253.3
-25°	2475.8	2875.7	3266.4	3625.4	3947.6	4179.6	4286.4	4298.8	4133.4	4283.7	4423.8
-27.5°	2279.8	2619.1	2925.7	3190.5	3403.4	3538.4	3541.6	3425.8	3544.1	3644.5	3683.2
-30°	2086.9	2362.6	2604.4	2795.4	2932.8	2973.3	2881.7	2956.7	3061.0	3102.6	3069.2
-32.5°	1896.2	2120.8	2318.0	2453.4	2514.9	2476.9	2499.1	2595.2	2642.3	2621.9	2545.0
-35°	1718.5	1909.9	2058.7	2142.5	2146.2	2144.3	2229.6	2275.3	2278.5	2225.0	2237.1
-37.5°	1559.8	1711.3	1821.7	1870.8	1844.9	1928.7	1983.2	2005.2	1979.3	1950.1	1983.4
-40°	1409.0	1525.5	1614.8	1638.5	1672.6	1735.4	1772.6	1770.6	1728.9	1758.6	1766.4
-42.5°	1267.9	1369.4	1428.8	1451.6	1519.1	1564.6	1582.2	1571.4	1570.2	1586.1	1585.9
-45°	1145.8	1225.3	1262.9	1318.9	1376.9	1409.7	1419.6	1404.3	1427.1	1434.2	1426.5
-47.5°	1029.8	1095.0	1130.0	1192.7	1244.4	1271.2	1273.1	1281.6	1294.3	1297.7	1285.6
-50°	922.5	980.2	1026.6	1081.2	1121.1	1143.8	1144.1	1165.6	1175.9	1172.7	1158.6
-52.5°	827.6	873.5	929.6	977.4	1010.4	1027.7	1039.6	1056.9	1064.7	1061.2	1059.1
-55°	737.4	783.5	836.1	879.6	909.2	923.6	940.4	954.7	959.6	956.4	966.8
-57.5°	657.7	702.1	748.7	786.1	813.7	829.5	847.5	857.5	861.5	859.1	876.6
-60°	584.5	625.6	665.5	698.8	722.5	741.7	758.1	767.1	769.0	773.1	790.2
-62.5°	514.3	554.4	587.9	615.6	637.8	656.4	671.5	680.0	681.5	691.7	706.6
-65°	448.5	484.8	515.3	539.4	556.5	576.1	589.6	596.3	598.4	612.2	625.2
-67.5°	383.9	417.8	445.3	466.7	483.8	499.6	511.7	519.6	523.0	535.7	546.2
-70°	329.1	352.9	377.6	397.9	413.2	426.1	436.8	444.2	451.7	464.2	473.6
-72.5°	276.1	296.9	315.1	330.9	345.2	356.2	364.4	369.7	378.0	390.4	400.4
-75°	225.8	241.2	256.6	270.2	280.8	288.8	294.6	299.3	307.6	318.2	327.1
-77.5°	177.5	190.2	201.3	210.9	218.7	225.6	230.6	233.6	240.5	248.5	255.5
-80°	130.9	139.3	147.9	155.3	162.7	168.2	171.6	173.1	177.5	183.0	188.7
-82.5°	87.6	95.0	100.8	105.2	110.3	114.7	118.4	121.7	125.1	128.3	131.1
-85°	47.6	50.9	56.3	60.8	65.0	68.6	71.6	74.2	76.8	79.0	80.7
-87.5°	23.8	25.4	27.0	28.4	29.7	30.9	32.1	33.1	34.5	35.8	37.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559206 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	38.3	37.7	37.0	36.0	34.9	34.9	34.9	34.8	34.6	34.3	33.9
85°	81.9	83.5	85.0	86.4	87.8	89.2	90.4	91.4	92.2	92.1	91.8
82.5°	133.4	137.8	142.3	146.5	150.4	152.6	154.1	155.1	155.7	157.0	157.9
80°	193.6	200.2	206.2	211.3	215.4	218.4	220.9	222.8	224.2	225.8	226.9
77.5°	262.0	269.3	276.3	282.4	287.6	292.6	296.8	300.1	302.6	306.4	309.9
75°	334.6	342.9	351.5	359.3	366.1	373.3	380.5	387.1	392.9	397.8	401.5
72.5°	408.0	416.7	427.4	437.3	446.5	456.2	465.8	474.3	481.5	488.4	494.5
70°	480.6	488.8	502.4	515.6	527.9	539.6	551.2	561.6	570.8	579.6	587.6
67.5°	555.5	564.0	581.0	596.3	609.9	622.8	636.3	648.3	658.8	668.2	676.3
65°	635.3	642.9	661.3	678.0	692.5	704.6	719.1	732.2	743.9	754.2	762.9
62.5°	718.0	725.6	740.8	757.3	771.0	782.6	799.7	814.5	827.0	837.4	846.2
60°	801.9	808.4	820.1	838.3	853.7	866.3	881.3	895.7	907.9	918.2	927.4
57.5°	889.0	895.6	901.2	919.4	934.2	945.7	958.9	973.0	984.8	994.5	1004.1
55°	979.0	984.0	982.3	999.1	1013.0	1022.4	1032.2	1047.1	1058.8	1067.5	1076.2
52.5°	1071.0	1077.0	1072.8	1079.9	1095.1	1103.6	1107.8	1123.9	1135.9	1143.7	1151.6
50°	1173.4	1178.3	1174.5	1170.4	1185.2	1194.0	1196.4	1209.4	1220.3	1226.3	1231.9
47.5°	1284.5	1290.4	1287.5	1271.4	1284.5	1295.6	1295.9	1301.5	1312.8	1317.3	1320.7
45°	1405.3	1416.8	1414.3	1403.1	1401.3	1412.7	1411.6	1407.1	1420.2	1426.0	1427.8
42.5°	1563.9	1560.1	1563.6	1557.2	1537.2	1550.1	1551.7	1535.4	1551.7	1558.8	1554.7
40°	1757.8	1722.4	1741.9	1739.0	1720.4	1717.6	1727.7	1714.4	1716.9	1726.9	1719.2
37.5°	1988.6	1963.4	1952.8	1961.6	1956.1	1932.2	1951.2	1946.5	1931.5	1948.4	1940.9
35°	2272.8	2265.3	2208.3	2243.0	2250.2	2227.4	2234.0	2243.8	2211.2	2236.9	2234.1
32.5°	2605.1	2622.0	2609.7	2588.3	2620.7	2624.8	2587.3	2632.4	2614.3	2620.7	2638.4
30°	2981.4	3067.7	3109.8	3072.2	3092.4	3132.6	3114.2	3145.5	3160.5	3137.0	3181.4
27.5°	3638.8	3608.1	3708.9	3752.6	3705.7	3779.1	3832.3	3808.7	3886.6	3840.5	3906.3
25°	4474.3	4429.3	4456.2	4601.0	4633.1	4595.9	4746.0	4763.6	4825.4	4832.9	4878.8
22.5°	5455.8	5564.4	5551.7	5595.8	5777.7	5838.6	5894.0	6038.3	6005.3	6136.2	6158.9
20°	6553.3	6826.3	7014.4	7054.0	7131.7	7340.9	7436.8	7550.6	7627.0	7750.9	7855.6
17.5°	8409.9	8269.9	8638.9	8870.7	8992.5	9036.1	9288.0	9370.1	9559.4	9667.5	9774.8
15°	10793.6	10875.2	10708.6	10929.5	11302.8	11428.8	11283.9	11622.2	11717.4	11899.5	11931.7
12.5°	13341.5	13753.9	13956.1	14011.1	13816.0	14346.9	14559.6	14292.6	14595.4	14540.9	14790.0
10°	15772.6	16774.7	17374.5	17796.5	18053.0	18207.6	18361.1	18637.0	18641.8	18846.3	18726.9
7.5°	17768.5	19039.0	20252.8	21430.3	22372.1	22900.2	23314.8	23712.4	24243.0	24497.1	24662.2
5°	19721.1	21187.1	22639.4	24066.7	25359.2	26602.8	27821.5	28878.7	29438.9	30093.6	30677.3
2.5°	20984.1	22838.4	24693.2	26530.3	28023.8	29394.2	30662.6	31840.8	32874.3	33830.4	34637.8
0°	21230.6	23305.8	25240.6	27073.6	28755.2	30447.8	31925.8	33257.9	34383.5	35399.1	36084.4
-2.5°	20984.1	22838.4	24693.2	26530.3	28023.8	29394.2	30662.6	31840.8	32874.3	33830.4	34637.8
-5°	19721.1	21187.1	22639.4	24066.7	25359.2	26602.8	27821.5	28878.7	29438.9	30093.6	30677.3
-7.5°	17768.5	19039.0	20252.8	21430.3	22372.1	22900.2	23314.8	23712.4	24243.0	24497.1	24662.2
-10°	15772.6	16774.7	17374.5	17796.5	18053.0	18207.6	18361.1	18637.0	18641.8	18846.3	18726.9
-12.5°	13341.5	13753.9	13956.1	14011.1	13816.0	14346.9	14559.6	14292.6	14595.4	14540.9	14790.0
-15°	10793.6	10875.2	10708.6	10929.5	11302.8	11428.8	11283.9	11622.2	11717.4	11899.5	11931.7
-17.5°	8409.9	8269.9	8638.9	8870.7	8992.5	9036.1	9288.0	9370.1	9559.4	9667.5	9774.8
-20°	6553.3	6826.3	7014.4	7054.0	7131.7	7340.9	7436.8	7550.6	7627.0	7750.9	7855.6



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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°	5455.8	5564.4	5551.7	5595.8	5777.7	5838.6	5894.0	6038.3	6005.3	6136.2	6158.9
-25°	4474.3	4429.3	4456.2	4601.0	4633.1	4595.9	4746.0	4763.6	4825.4	4832.9	4878.8
-27.5°	3638.8	3608.1	3708.9	3752.6	3705.7	3779.1	3832.3	3808.7	3886.6	3840.5	3906.3
-30°	2981.4	3067.7	3109.8	3072.2	3092.4	3132.6	3114.2	3145.5	3160.5	3137.0	3181.4
-32.5°	2605.1	2622.0	2609.7	2588.3	2620.7	2624.8	2587.3	2632.4	2614.3	2620.7	2638.4
-35°	2272.8	2265.3	2208.3	2243.0	2250.2	2227.4	2234.0	2243.8	2211.2	2236.9	2234.1
-37.5°	1988.6	1963.4	1952.8	1961.6	1956.1	1932.2	1951.2	1946.5	1931.5	1948.4	1940.9
-40°	1757.8	1722.4	1741.9	1739.0	1720.4	1717.6	1727.7	1714.4	1716.9	1726.9	1719.2
-42.5°	1563.9	1560.1	1563.6	1557.2	1537.2	1550.1	1551.7	1535.4	1551.7	1558.8	1554.7
-45°	1405.3	1416.8	1414.3	1403.1	1401.3	1412.7	1411.6	1407.1	1420.2	1426.0	1427.8
-47.5°	1284.5	1290.4	1287.5	1271.4	1284.5	1295.6	1295.9	1301.5	1312.8	1317.3	1320.7
-50°	1173.4	1178.3	1174.5	1170.4	1185.2	1194.0	1196.4	1209.4	1220.3	1226.3	1231.9
-52.5°	1071.0	1077.0	1072.8	1079.9	1095.1	1103.6	1107.8	1123.9	1135.9	1143.7	1151.6
-55°	979.0	984.0	982.3	999.1	1013.0	1022.4	1032.2	1047.1	1058.8	1067.5	1076.2
-57.5°	889.0	895.6	901.2	919.4	934.2	945.7	958.9	973.0	984.8	994.5	1004.1
-60°	801.9	808.4	820.1	838.3	853.7	866.3	881.3	895.7	907.9	918.2	927.4
-62.5°	718.0	725.6	740.8	757.3	771.0	782.6	799.7	814.5	827.0	837.4	846.2
-65°	635.3	642.9	661.3	678.0	692.5	704.6	719.1	732.2	743.9	754.2	762.9
-67.5°	555.5	564.0	581.0	596.3	609.9	622.8	636.3	648.3	658.8	668.2	676.3
-70°	480.6	488.8	502.4	515.6	527.9	539.6	551.2	561.6	570.8	579.6	587.6
-72.5°	408.0	416.7	427.4	437.3	446.5	456.2	465.8	474.3	481.5	488.4	494.5
-75°	334.6	342.9	351.5	359.3	366.1	373.3	380.5	387.1	392.9	397.8	401.5
-77.5°	262.0	269.3	276.3	282.4	287.6	292.6	296.8	300.1	302.6	306.4	309.9
-80°	193.6	200.2	206.2	211.3	215.4	218.4	220.9	222.8	224.2	225.8	226.9
-82.5°	133.4	137.8	142.3	146.5	150.4	152.6	154.1	155.1	155.7	157.0	157.9
-85°	81.9	83.5	85.0	86.4	87.8	89.2	90.4	91.4	92.2	92.1	91.8
-87.5°	38.3	37.7	37.0	36.0	34.9	34.9	34.9	34.8	34.6	34.3	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: P559206 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	33.4	32.9	34.4	35.8	34.4	32.9	33.4	33.9	34.3	34.6	34.8
85°	91.2	90.4	92.1	93.6	92.1	90.4	91.2	91.8	92.1	92.2	91.4
82.5°	158.6	158.8	159.4	159.6	159.4	158.8	158.6	157.9	157.0	155.7	155.1
80°	227.4	227.4	226.8	225.7	226.8	227.4	227.4	226.9	225.8	224.2	222.8
77.5°	312.7	314.8	316.1	316.5	316.1	314.8	312.7	309.9	306.4	302.6	300.1
75°	404.0	405.3	405.5	404.6	405.5	405.3	404.0	401.5	397.8	392.9	387.1
72.5°	499.6	503.6	504.4	503.7	504.4	503.6	499.6	494.5	488.4	481.5	474.3
70°	594.3	599.5	599.4	597.2	599.4	599.5	594.3	587.6	579.6	570.8	561.6
67.5°	682.7	687.5	691.3	693.6	691.3	687.5	682.7	676.3	668.2	658.8	648.3
65°	769.9	775.2	778.0	778.9	778.0	775.2	769.9	762.9	754.2	743.9	732.2
62.5°	852.9	857.6	860.5	861.4	860.5	857.6	852.9	846.2	837.4	827.0	814.5
60°	934.7	939.8	940.7	938.5	940.7	939.8	934.7	927.4	918.2	907.9	895.7
57.5°	1011.5	1016.8	1016.7	1012.8	1016.7	1016.8	1011.5	1004.1	994.5	984.8	973.0
55°	1082.4	1086.3	1087.7	1087.1	1087.7	1086.3	1082.4	1076.2	1067.5	1058.8	1047.1
52.5°	1157.5	1160.6	1161.9	1161.4	1161.9	1160.6	1157.5	1151.6	1143.7	1135.9	1123.9
50°	1235.9	1236.3	1236.2	1235.7	1236.2	1236.3	1235.9	1231.9	1226.3	1220.3	1209.4
47.5°	1325.5	1326.4	1326.6	1326.6	1326.6	1326.4	1325.5	1320.7	1317.3	1312.8	1301.5
45°	1431.4	1428.5	1425.4	1425.7	1425.4	1428.5	1431.4	1427.8	1426.0	1420.2	1407.1
42.5°	1558.5	1555.2	1551.3	1552.3	1551.3	1555.2	1558.5	1554.7	1558.8	1551.7	1535.4
40°	1725.9	1725.0	1719.4	1717.4	1719.4	1725.0	1725.9	1719.2	1726.9	1716.9	1714.4
37.5°	1942.1	1939.0	1926.4	1921.1	1926.4	1939.0	1942.1	1940.9	1948.4	1931.5	1946.5
35°	2226.5	2222.3	2203.1	2204.5	2203.1	2222.3	2226.5	2234.1	2236.9	2211.2	2243.8
32.5°	2629.5	2631.0	2602.0	2595.3	2602.0	2631.0	2629.5	2638.4	2620.7	2614.3	2632.4
30°	3153.8	3165.3	3131.1	3145.8	3131.1	3165.3	3153.8	3181.4	3137.0	3160.5	3145.5
27.5°	3905.1	3927.0	3896.8	3872.4	3896.8	3927.0	3905.1	3906.3	3840.5	3886.6	3808.7
25°	4939.1	4955.5	4920.9	4890.7	4920.9	4955.5	4939.1	4878.8	4832.9	4825.4	4763.6
22.5°	6285.1	6284.1	6282.4	6330.1	6282.4	6284.1	6285.1	6158.9	6136.2	6005.3	6038.3
20°	7923.2	7883.5	7943.0	7981.4	7943.0	7883.5	7923.2	7855.6	7750.9	7627.0	7550.6
17.5°	9799.7	9874.0	9931.1	10026.3	9931.1	9874.0	9799.7	9774.8	9667.5	9559.4	9370.1
15°	12012.4	12124.6	12181.7	12151.1	12181.7	12124.6	12012.4	11931.7	11899.5	11717.4	11622.2
12.5°	14798.8	14932.7	14833.8	14710.6	14833.8	14932.7	14798.8	14790.0	14540.9	14595.4	14292.6
10°	18728.6	19017.1	19033.3	18792.2	19033.3	19017.1	18728.6	18726.9	18846.3	18641.8	18637.0
7.5°	24758.2	24898.4	25111.5	25122.3	25111.5	24898.4	24758.2	24662.2	24497.1	24243.0	23712.4
5°	30941.9	31315.4	31556.2	31972.6	31556.2	31315.4	30941.9	30677.3	30093.6	29438.9	28878.7
2.5°	35159.2	35642.0	35827.3	36299.1	35827.3	35642.0	35159.2	34637.8	33830.4	32874.3	31840.8
0°	36695.4	37086.2	37320.1	37507.3	37320.1	37086.2	36695.4	36084.4	35399.1	34383.5	33257.9
-2.5°	35159.2	35642.0	35827.3	36299.1	35827.3	35642.0	35159.2	34637.8	33830.4	32874.3	31840.8
-5°	30941.9	31315.4	31556.2	31972.6	31556.2	31315.4	30941.9	30677.3	30093.6	29438.9	28878.7
-7.5°	24758.2	24898.4	25111.5	25122.3	25111.5	24898.4	24758.2	24662.2	24497.1	24243.0	23712.4
-10°	18728.6	19017.1	19033.3	18792.2	19033.3	19017.1	18728.6	18726.9	18846.3	18641.8	18637.0
-12.5°	14798.8	14932.7	14833.8	14710.6	14833.8	14932.7	14798.8	14790.0	14540.9	14595.4	14292.6
-15°	12012.4	12124.6	12181.7	12151.1	12181.7	12124.6	12012.4	11931.7	11899.5	11717.4	11622.2
-17.5°	9799.7	9874.0	9931.1	10026.3	9931.1	9874.0	9799.7	9774.8	9667.5	9559.4	9370.1
-20°	7923.2	7883.5	7943.0	7981.4	7943.0	7883.5	7923.2	7855.6	7750.9	7627.0	7550.6



REPORT NUMBER: P559206 (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°	6285.1	6284.1	6282.4	6330.1	6282.4	6284.1	6285.1	6158.9	6136.2	6005.3	6038.3
-25°	4939.1	4955.5	4920.9	4890.7	4920.9	4955.5	4939.1	4878.8	4832.9	4825.4	4763.6
-27.5°	3905.1	3927.0	3896.8	3872.4	3896.8	3927.0	3905.1	3906.3	3840.5	3886.6	3808.7
-30°	3153.8	3165.3	3131.1	3145.8	3131.1	3165.3	3153.8	3181.4	3137.0	3160.5	3145.5
-32.5°	2629.5	2631.0	2602.0	2595.3	2602.0	2631.0	2629.5	2638.4	2620.7	2614.3	2632.4
-35°	2226.5	2222.3	2203.1	2204.5	2203.1	2222.3	2226.5	2234.1	2236.9	2211.2	2243.8
-37.5°	1942.1	1939.0	1926.4	1921.1	1926.4	1939.0	1942.1	1940.9	1948.4	1931.5	1946.5
-40°	1725.9	1725.0	1719.4	1717.4	1719.4	1725.0	1725.9	1719.2	1726.9	1716.9	1714.4
-42.5°	1558.5	1555.2	1551.3	1552.3	1551.3	1555.2	1558.5	1554.7	1558.8	1551.7	1535.4
-45°	1431.4	1428.5	1425.4	1425.7	1425.4	1428.5	1431.4	1427.8	1426.0	1420.2	1407.1
-47.5°	1325.5	1326.4	1326.6	1326.6	1326.6	1326.4	1325.5	1320.7	1317.3	1312.8	1301.5
-50°	1235.9	1236.3	1236.2	1235.7	1236.2	1236.3	1235.9	1231.9	1226.3	1220.3	1209.4
-52.5°	1157.5	1160.6	1161.9	1161.4	1161.9	1160.6	1157.5	1151.6	1143.7	1135.9	1123.9
-55°	1082.4	1086.3	1087.7	1087.1	1087.7	1086.3	1082.4	1076.2	1067.5	1058.8	1047.1
-57.5°	1011.5	1016.8	1016.7	1012.8	1016.7	1016.8	1011.5	1004.1	994.5	984.8	973.0
-60°	934.7	939.8	940.7	938.5	940.7	939.8	934.7	927.4	918.2	907.9	895.7
-62.5°	852.9	857.6	860.5	861.4	860.5	857.6	852.9	846.2	837.4	827.0	814.5
-65°	769.9	775.2	778.0	778.9	778.0	775.2	769.9	762.9	754.2	743.9	732.2
-67.5°	682.7	687.5	691.3	693.6	691.3	687.5	682.7	676.3	668.2	658.8	648.3
-70°	594.3	599.5	599.4	597.2	599.4	599.5	594.3	587.6	579.6	570.8	561.6
-72.5°	499.6	503.6	504.4	503.7	504.4	503.6	499.6	494.5	488.4	481.5	474.3
-75°	404.0	405.3	405.5	404.6	405.5	405.3	404.0	401.5	397.8	392.9	387.1
-77.5°	312.7	314.8	316.1	316.5	316.1	314.8	312.7	309.9	306.4	302.6	300.1
-80°	227.4	227.4	226.8	225.7	226.8	227.4	227.4	226.9	225.8	224.2	222.8
-82.5°	158.6	158.8	159.4	159.6	159.4	158.8	158.6	157.9	157.0	155.7	155.1
-85°	91.2	90.4	92.1	93.6	92.1	90.4	91.2	91.8	92.1	92.2	91.4
-87.5°	33.4	32.9	34.4	35.8	34.4	32.9	33.4	33.9	34.3	34.6	34.8
-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: P559206 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	34.9	34.9	34.9	36.0	37.0	37.7	38.3	37.1	35.8	34.5	33.1
85°	90.4	89.2	87.8	86.4	85.0	83.5	81.9	80.7	79.0	76.8	74.2
82.5°	154.1	152.6	150.4	146.5	142.3	137.8	133.4	131.1	128.3	125.1	121.7
80°	220.9	218.4	215.4	211.3	206.2	200.2	193.6	188.7	183.0	177.5	173.1
77.5°	296.8	292.6	287.6	282.4	276.3	269.3	262.0	255.5	248.5	240.5	233.6
75°	380.5	373.3	366.1	359.3	351.5	342.9	334.6	327.1	318.2	307.6	299.3
72.5°	465.8	456.2	446.5	437.3	427.4	416.7	408.0	400.4	390.4	378.0	369.7
70°	551.2	539.6	527.9	515.6	502.4	488.8	480.6	473.6	464.2	451.7	444.2
67.5°	636.3	622.8	609.9	596.3	581.0	564.0	555.5	546.2	535.7	523.0	519.6
65°	719.1	704.6	692.5	678.0	661.3	642.9	635.3	625.2	612.2	598.4	596.3
62.5°	799.7	782.6	771.0	757.3	740.8	725.6	718.0	706.6	691.7	681.5	680.0
60°	881.3	866.3	853.7	838.3	820.1	808.4	801.9	790.2	773.1	769.0	767.1
57.5°	958.9	945.7	934.2	919.4	901.2	895.6	889.0	876.6	859.1	861.5	857.5
55°	1032.2	1022.4	1013.0	999.1	982.3	984.0	979.0	966.8	956.4	959.6	954.7
52.5°	1107.8	1103.6	1095.1	1079.9	1072.8	1077.0	1071.0	1059.1	1061.2	1064.7	1056.9
50°	1196.4	1194.0	1185.2	1170.4	1174.5	1178.3	1173.4	1158.6	1172.7	1175.9	1165.6
47.5°	1295.9	1295.6	1284.5	1271.4	1287.5	1290.4	1284.5	1285.6	1297.7	1294.3	1281.6
45°	1411.6	1412.7	1401.3	1403.1	1414.3	1416.8	1405.3	1426.5	1434.2	1427.1	1404.3
42.5°	1551.7	1550.1	1537.2	1557.2	1563.6	1560.1	1563.9	1585.9	1586.1	1570.2	1571.4
40°	1727.7	1717.6	1720.4	1739.0	1741.9	1722.4	1757.8	1766.4	1758.6	1728.9	1770.6
37.5°	1951.2	1932.2	1956.1	1961.6	1952.8	1963.4	1988.6	1983.4	1950.1	1979.3	2005.2
35°	2234.0	2227.4	2250.2	2243.0	2208.3	2265.3	2272.8	2237.1	2225.0	2278.5	2275.3
32.5°	2587.3	2624.8	2620.7	2588.3	2609.7	2622.0	2605.1	2545.0	2621.9	2642.3	2595.2
30°	3114.2	3132.6	3092.4	3072.2	3109.8	3067.7	2981.4	3069.2	3102.6	3061.0	2956.7
27.5°	3832.3	3779.1	3705.7	3752.6	3708.9	3608.1	3638.8	3683.2	3644.5	3544.1	3425.8
25°	4746.0	4595.9	4633.1	4601.0	4456.2	4429.3	4474.3	4423.8	4283.7	4133.4	4298.8
22.5°	5894.0	5838.6	5777.7	5595.8	5551.7	5564.4	5455.8	5253.3	5130.0	5287.9	5293.0
20°	7436.8	7340.9	7131.7	7054.0	7014.4	6826.3	6553.3	6525.4	6654.7	6588.3	6388.6
17.5°	9288.0	9036.1	8992.5	8870.7	8638.9	8269.9	8409.9	8458.2	8335.0	7990.7	7571.3
15°	11283.9	11428.8	11302.8	10929.5	10708.6	10875.2	10793.6	10524.3	10150.8	9520.7	8807.1
12.5°	14559.6	14346.9	13816.0	14011.1	13956.1	13753.9	13341.5	12749.0	11973.4	10952.9	9924.7
10°	18361.1	18207.6	18053.0	17796.5	17374.5	16774.7	15772.6	14659.5	13500.8	12297.3	11048.3
7.5°	23314.8	22900.2	22372.1	21430.3	20252.8	19039.0	17768.5	16440.3	15025.5	13621.1	12161.8
5°	27821.5	26602.8	25359.2	24066.7	22639.4	21187.1	19721.1	18190.5	16523.4	14906.5	13241.2
2.5°	30662.6	29394.2	28023.8	26530.3	24693.2	22838.4	20984.1	19130.5	17145.6	15276.2	13407.7
0°	31925.8	30447.8	28755.2	27073.6	25240.6	23305.8	21230.6	19328.9	17297.7	15395.9	13502.4
-2.5°	30662.6	29394.2	28023.8	26530.3	24693.2	22838.4	20984.1	19130.5	17145.6	15276.2	13407.7
-5°	27821.5	26602.8	25359.2	24066.7	22639.4	21187.1	19721.1	18190.5	16523.4	14906.5	13241.2
-7.5°	23314.8	22900.2	22372.1	21430.3	20252.8	19039.0	17768.5	16440.3	15025.5	13621.1	12161.8
-10°	18361.1	18207.6	18053.0	17796.5	17374.5	16774.7	15772.6	14659.5	13500.8	12297.3	11048.3
-12.5°	14559.6	14346.9	13816.0	14011.1	13956.1	13753.9	13341.5	12749.0	11973.4	10952.9	9924.7
-15°	11283.9	11428.8	11302.8	10929.5	10708.6	10875.2	10793.6	10524.3	10150.8	9520.7	8807.1
-17.5°	9288.0	9036.1	8992.5	8870.7	8638.9	8269.9	8409.9	8458.2	8335.0	7990.7	7571.3
-20°	7436.8	7340.9	7131.7	7054.0	7014.4	6826.3	6553.3	6525.4	6654.7	6588.3	6388.6



REPORT NUMBER: P559206 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-930-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5894.0	5838.6	5777.7	5595.8	5551.7	5564.4	5455.8	5253.3	5130.0	5287.9	5293.0
-25°	4746.0	4595.9	4633.1	4601.0	4456.2	4429.3	4474.3	4423.8	4283.7	4133.4	4298.8
-27.5°	3832.3	3779.1	3705.7	3752.6	3708.9	3608.1	3638.8	3683.2	3644.5	3544.1	3425.8
-30°	3114.2	3132.6	3092.4	3072.2	3109.8	3067.7	2981.4	3069.2	3102.6	3061.0	2956.7
-32.5°	2587.3	2624.8	2620.7	2588.3	2609.7	2622.0	2605.1	2545.0	2621.9	2642.3	2595.2
-35°	2234.0	2227.4	2250.2	2243.0	2208.3	2265.3	2272.8	2237.1	2225.0	2278.5	2275.3
-37.5°	1951.2	1932.2	1956.1	1961.6	1952.8	1963.4	1988.6	1983.4	1950.1	1979.3	2005.2
-40°	1727.7	1717.6	1720.4	1739.0	1741.9	1722.4	1757.8	1766.4	1758.6	1728.9	1770.6
-42.5°	1551.7	1550.1	1537.2	1557.2	1563.6	1560.1	1563.9	1585.9	1586.1	1570.2	1571.4
-45°	1411.6	1412.7	1401.3	1403.1	1414.3	1416.8	1405.3	1426.5	1434.2	1427.1	1404.3
-47.5°	1295.9	1295.6	1284.5	1271.4	1287.5	1290.4	1284.5	1285.6	1297.7	1294.3	1281.6
-50°	1196.4	1194.0	1185.2	1170.4	1174.5	1178.3	1173.4	1158.6	1172.7	1175.9	1165.6
-52.5°	1107.8	1103.6	1095.1	1079.9	1072.8	1077.0	1071.0	1059.1	1061.2	1064.7	1056.9
-55°	1032.2	1022.4	1013.0	999.1	982.3	984.0	979.0	966.8	956.4	959.6	954.7
-57.5°	958.9	945.7	934.2	919.4	901.2	895.6	889.0	876.6	859.1	861.5	857.5
-60°	881.3	866.3	853.7	838.3	820.1	808.4	801.9	790.2	773.1	769.0	767.1
-62.5°	799.7	782.6	771.0	757.3	740.8	725.6	718.0	706.6	691.7	681.5	680.0
-65°	719.1	704.6	692.5	678.0	661.3	642.9	635.3	625.2	612.2	598.4	596.3
-67.5°	636.3	622.8	609.9	596.3	581.0	564.0	555.5	546.2	535.7	523.0	519.6
-70°	551.2	539.6	527.9	515.6	502.4	488.8	480.6	473.6	464.2	451.7	444.2
-72.5°	465.8	456.2	446.5	437.3	427.4	416.7	408.0	400.4	390.4	378.0	369.7
-75°	380.5	373.3	366.1	359.3	351.5	342.9	334.6	327.1	318.2	307.6	299.3
-77.5°	296.8	292.6	287.6	282.4	276.3	269.3	262.0	255.5	248.5	240.5	233.6
-80°	220.9	218.4	215.4	211.3	206.2	200.2	193.6	188.7	183.0	177.5	173.1
-82.5°	154.1	152.6	150.4	146.5	142.3	137.8	133.4	131.1	128.3	125.1	121.7
-85°	90.4	89.2	87.8	86.4	85.0	83.5	81.9	80.7	79.0	76.8	74.2
-87.5°	34.9	34.9	34.9	36.0	37.0	37.7	38.3	37.1	35.8	34.5	33.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559206 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-930-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	32.1	30.9	29.7	28.4	27.0	25.4	23.8	22.1	20.5	18.8	17.0
85°	71.6	68.6	65.0	60.8	56.3	50.9	47.6	44.2	41.1	37.6	33.9
82.5°	118.4	114.7	110.3	105.2	100.8	95.0	87.6	78.7	68.7	57.6	50.8
80°	171.6	168.2	162.7	155.3	147.9	139.3	130.9	120.5	107.8	93.7	78.2
77.5°	230.6	225.6	218.7	210.9	201.3	190.2	177.5	163.2	146.9	129.7	110.8
75°	294.6	288.8	280.8	270.2	256.6	241.2	225.8	208.7	189.1	166.0	143.3
72.5°	364.4	356.2	345.2	330.9	315.1	296.9	276.1	254.5	232.5	206.7	176.9
70°	436.8	426.1	413.2	397.9	377.6	352.9	329.1	304.7	276.2	247.3	214.1
67.5°	511.7	499.6	483.8	466.7	445.3	417.8	383.9	356.5	325.9	288.1	251.2
65°	589.6	576.1	556.5	539.4	515.3	484.8	448.5	412.0	376.1	335.2	288.2
62.5°	671.5	656.4	637.8	615.6	587.9	554.4	514.3	475.2	428.4	382.5	329.7
60°	758.1	741.7	722.5	698.8	665.5	625.6	584.5	538.9	487.9	430.0	373.0
57.5°	847.5	829.5	813.7	786.1	748.7	702.1	657.7	607.9	547.5	483.1	416.3
55°	940.4	923.6	909.2	879.6	836.1	783.5	737.4	680.7	609.3	537.6	459.4
52.5°	1039.6	1027.7	1010.4	977.4	929.6	873.5	827.6	755.4	679.4	591.9	507.8
50°	1144.1	1143.8	1121.1	1081.2	1026.6	980.2	922.5	844.3	750.6	649.3	557.0
47.5°	1273.1	1271.2	1244.4	1192.7	1130.0	1095.0	1029.8	937.8	822.9	714.9	606.4
45°	1419.6	1409.7	1376.9	1318.9	1262.9	1225.3	1145.8	1034.6	911.1	781.9	655.9
42.5°	1582.2	1564.6	1519.1	1451.6	1428.8	1369.4	1267.9	1144.9	1001.6	849.0	710.8
40°	1772.6	1735.4	1672.6	1638.5	1614.8	1525.5	1409.0	1261.0	1093.8	920.7	768.8
37.5°	1983.2	1928.7	1844.9	1870.8	1821.7	1711.3	1559.8	1380.8	1190.3	1001.9	826.2
35°	2229.6	2144.3	2146.2	2142.5	2058.7	1909.9	1718.5	1510.6	1297.2	1082.9	882.7
32.5°	2499.1	2476.9	2514.9	2453.4	2318.0	2120.8	1896.2	1653.5	1405.5	1163.3	938.3
30°	2881.7	2973.3	2932.8	2795.4	2604.4	2362.6	2086.9	1799.6	1514.8	1242.8	995.5
27.5°	3541.6	3538.4	3403.4	3190.5	2925.7	2619.1	2279.8	1948.3	1624.6	1325.9	1060.3
25°	4286.4	4179.6	3947.6	3625.4	3266.4	2875.7	2475.8	2099.2	1743.9	1415.6	1123.1
22.5°	5137.0	4878.1	4537.6	4088.5	3603.5	3139.8	2684.6	2264.3	1867.4	1503.6	1183.8
20°	6056.9	5623.1	5154.9	4542.5	3967.1	3427.3	2905.7	2427.9	1989.1	1589.3	1242.0
17.5°	7042.0	6391.9	5742.9	5034.2	4348.9	3717.3	3126.2	2588.9	2108.1	1672.2	1297.3
15°	7996.4	7160.6	6348.2	5529.3	4732.2	4006.6	3344.1	2745.7	2223.3	1751.5	1340.9
12.5°	8937.1	7939.8	6961.9	6022.1	5112.5	4292.0	3556.9	2897.1	2333.8	1808.3	1369.2
10°	9876.2	8718.9	7575.1	6506.4	5484.9	4569.8	3762.2	3015.1	2385.9	1844.6	1392.7
7.5°	10801.0	9485.8	8177.9	6975.4	5805.7	4751.5	3849.9	3068.6	2420.2	1874.0	1411.2
5°	11555.6	9986.4	8452.2	7114.5	5895.9	4823.5	3904.0	3110.0	2443.9	1896.2	1424.8
2.5°	11657.5	10068.6	8493.1	7169.4	5956.1	4872.9	3940.0	3138.7	2457.2	1911.0	1433.3
0°	11696.9	10095.2	8487.9	7186.1	5986.1	4899.0	3957.7	3154.0	2460.5	1918.3	1436.7
-2.5°	11657.5	10068.6	8493.1	7169.4	5956.1	4872.9	3940.0	3138.7	2457.2	1911.0	1433.3
-5°	11555.6	9986.4	8452.2	7114.5	5895.9	4823.5	3904.0	3110.0	2443.9	1896.2	1424.8
-7.5°	10801.0	9485.8	8177.9	6975.4	5805.7	4751.5	3849.9	3068.6	2420.2	1874.0	1411.2
-10°	9876.2	8718.9	7575.1	6506.4	5484.9	4569.8	3762.2	3015.1	2385.9	1844.6	1392.7
-12.5°	8937.1	7939.8	6961.9	6022.1	5112.5	4292.0	3556.9	2897.1	2333.8	1808.3	1369.2
-15°	7996.4	7160.6	6348.2	5529.3	4732.2	4006.6	3344.1	2745.7	2223.3	1751.5	1340.9
-17.5°	7042.0	6391.9	5742.9	5034.2	4348.9	3717.3	3126.2	2588.9	2108.1	1672.2	1297.3
-20°	6056.9	5623.1	5154.9	4542.5	3967.1	3427.3	2905.7	2427.9	1989.1	1589.3	1242.0



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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°	5137.0	4878.1	4537.6	4088.5	3603.5	3139.8	2684.6	2264.3	1867.4	1503.6	1183.8
-25°	4286.4	4179.6	3947.6	3625.4	3266.4	2875.7	2475.8	2099.2	1743.9	1415.6	1123.1
-27.5°	3541.6	3538.4	3403.4	3190.5	2925.7	2619.1	2279.8	1948.3	1624.6	1325.9	1060.3
-30°	2881.7	2973.3	2932.8	2795.4	2604.4	2362.6	2086.9	1799.6	1514.8	1242.8	995.5
-32.5°	2499.1	2476.9	2514.9	2453.4	2318.0	2120.8	1896.2	1653.5	1405.5	1163.3	938.3
-35°	2229.6	2144.3	2146.2	2142.5	2058.7	1909.9	1718.5	1510.6	1297.2	1082.9	882.7
-37.5°	1983.2	1928.7	1844.9	1870.8	1821.7	1711.3	1559.8	1380.8	1190.3	1001.9	826.2
-40°	1772.6	1735.4	1672.6	1638.5	1614.8	1525.5	1409.0	1261.0	1093.8	920.7	768.8
-42.5°	1582.2	1564.6	1519.1	1451.6	1428.8	1369.4	1267.9	1144.9	1001.6	849.0	710.8
-45°	1419.6	1409.7	1376.9	1318.9	1262.9	1225.3	1145.8	1034.6	911.1	781.9	655.9
-47.5°	1273.1	1271.2	1244.4	1192.7	1130.0	1095.0	1029.8	937.8	822.9	714.9	606.4
-50°	1144.1	1143.8	1121.1	1081.2	1026.6	980.2	922.5	844.3	750.6	649.3	557.0
-52.5°	1039.6	1027.7	1010.4	977.4	929.6	873.5	827.6	755.4	679.4	591.9	507.8
-55°	940.4	923.6	909.2	879.6	836.1	783.5	737.4	680.7	609.3	537.6	459.4
-57.5°	847.5	829.5	813.7	786.1	748.7	702.1	657.7	607.9	547.5	483.1	416.3
-60°	758.1	741.7	722.5	698.8	665.5	625.6	584.5	538.9	487.9	430.0	373.0
-62.5°	671.5	656.4	637.8	615.6	587.9	554.4	514.3	475.2	428.4	382.5	329.7
-65°	589.6	576.1	556.5	539.4	515.3	484.8	448.5	412.0	376.1	335.2	288.2
-67.5°	511.7	499.6	483.8	466.7	445.3	417.8	383.9	356.5	325.9	288.1	251.2
-70°	436.8	426.1	413.2	397.9	377.6	352.9	329.1	304.7	276.2	247.3	214.1
-72.5°	364.4	356.2	345.2	330.9	315.1	296.9	276.1	254.5	232.5	206.7	176.9
-75°	294.6	288.8	280.8	270.2	256.6	241.2	225.8	208.7	189.1	166.0	143.3
-77.5°	230.6	225.6	218.7	210.9	201.3	190.2	177.5	163.2	146.9	129.7	110.8
-80°	171.6	168.2	162.7	155.3	147.9	139.3	130.9	120.5	107.8	93.7	78.2
-82.5°	118.4	114.7	110.3	105.2	100.8	95.0	87.6	78.7	68.7	57.6	50.8
-85°	71.6	68.6	65.0	60.8	56.3	50.9	47.6	44.2	41.1	37.6	33.9
-87.5°	32.1	30.9	29.7	28.4	27.0	25.4	23.8	22.1	20.5	18.8	17.0
-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°	15.0	13.3	11.2	8.9	6.2	3.1	0.0
85°	29.9	26.5	22.5	17.8	12.5	6.2	0.0
82.5°	44.9	39.8	33.7	26.6	18.7	9.3	0.0
80°	61.5	53.0	44.9	35.5	24.8	12.4	0.0
77.5°	90.5	70.3	56.0	44.3	31.0	15.5	0.0
75°	119.4	95.3	68.9	53.0	37.0	18.5	0.0
72.5°	148.2	120.1	89.4	61.7	43.0	21.5	0.0
70°	177.5	144.7	109.7	71.7	48.9	24.5	0.0
67.5°	210.9	169.2	129.8	87.2	54.7	27.4	0.0
65°	244.2	195.7	149.7	102.6	60.5	30.3	0.0
62.5°	277.4	224.4	169.4	117.7	66.1	33.1	0.0
60°	310.3	252.7	188.8	132.5	71.5	35.8	0.0
57.5°	347.8	280.8	211.6	147.1	81.2	38.5	0.0
55°	385.3	308.5	234.3	161.4	90.7	41.1	0.0
52.5°	422.4	336.5	256.6	175.4	100.0	43.6	0.0
50°	458.9	367.2	278.5	189.0	109.0	46.0	0.0
47.5°	495.8	397.3	299.9	203.0	117.6	48.4	0.0
45°	538.6	426.7	320.8	218.7	126.0	50.6	0.0
42.5°	581.0	455.3	341.2	233.9	134.1	52.8	0.0
40°	623.1	483.2	362.2	248.2	141.9	54.8	0.0
37.5°	664.5	510.2	383.5	261.4	149.3	56.8	0.0
35°	705.4	540.8	404.1	273.8	156.3	58.6	0.0
32.5°	747.3	572.9	423.7	285.4	163.0	60.4	0.0
30°	792.0	604.0	442.5	296.1	169.2	62.0	0.0
27.5°	835.3	633.9	458.1	305.9	175.1	63.5	0.0
25°	876.9	662.6	472.5	314.8	180.5	64.9	0.0
22.5°	916.6	688.2	485.8	322.9	185.5	66.1	0.0
20°	954.4	707.7	498.0	330.0	190.1	67.3	0.0
17.5°	982.8	724.8	509.1	336.3	194.2	68.3	0.0
15°	1004.0	739.6	518.9	341.6	197.8	69.2	0.0
12.5°	1022.2	752.0	527.6	346.0	200.9	69.9	0.0
10°	1037.2	762.0	534.9	349.6	203.6	70.5	0.0
7.5°	1049.1	769.7	540.9	352.2	205.8	71.0	0.0
5°	1057.7	775.0	545.5	354.0	207.4	71.3	0.0
2.5°	1063.1	778.1	548.7	354.9	208.6	71.5	0.0
0°	1065.1	778.9	550.4	355.0	209.2	71.6	0.0
-2.5°	1063.1	778.1	548.7	354.9	208.6	71.5	0.0
-5°	1057.7	775.0	545.5	354.0	207.4	71.3	0.0
-7.5°	1049.1	769.7	540.9	352.2	205.8	71.0	0.0
-10°	1037.2	762.0	534.9	349.6	203.6	70.5	0.0
-12.5°	1022.2	752.0	527.6	346.0	200.9	69.9	0.0
-15°	1004.0	739.6	518.9	341.6	197.8	69.2	0.0
-17.5°	982.8	724.8	509.1	336.3	194.2	68.3	0.0
-20°	954.4	707.7	498.0	330.0	190.1	67.3	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	916.6	688.2	485.8	322.9	185.5	66.1	0.0
-25°	876.9	662.6	472.5	314.8	180.5	64.9	0.0
-27.5°	835.3	633.9	458.1	305.9	175.1	63.5	0.0
-30°	792.0	604.0	442.5	296.1	169.2	62.0	0.0
-32.5°	747.3	572.9	423.7	285.4	163.0	60.4	0.0
-35°	705.4	540.8	404.1	273.8	156.3	58.6	0.0
-37.5°	664.5	510.2	383.5	261.4	149.3	56.8	0.0
-40°	623.1	483.2	362.2	248.2	141.9	54.8	0.0
-42.5°	581.0	455.3	341.2	233.9	134.1	52.8	0.0
-45°	538.6	426.7	320.8	218.7	126.0	50.6	0.0
-47.5°	495.8	397.3	299.9	203.0	117.6	48.4	0.0
-50°	458.9	367.2	278.5	189.0	109.0	46.0	0.0
-52.5°	422.4	336.5	256.6	175.4	100.0	43.6	0.0
-55°	385.3	308.5	234.3	161.4	90.7	41.1	0.0
-57.5°	347.8	280.8	211.6	147.1	81.2	38.5	0.0
-60°	310.3	252.7	188.8	132.5	71.5	35.8	0.0
-62.5°	277.4	224.4	169.4	117.7	66.1	33.1	0.0
-65°	244.2	195.7	149.7	102.6	60.5	30.3	0.0
-67.5°	210.9	169.2	129.8	87.2	54.7	27.4	0.0
-70°	177.5	144.7	109.7	71.7	48.9	24.5	0.0
-72.5°	148.2	120.1	89.4	61.7	43.0	21.5	0.0
-75°	119.4	95.3	68.9	53.0	37.0	18.5	0.0
-77.5°	90.5	70.3	56.0	44.3	31.0	15.5	0.0
-80°	61.5	53.0	44.9	35.5	24.8	12.4	0.0
-82.5°	44.9	39.8	33.7	26.6	18.7	9.3	0.0
-85°	29.9	26.5	22.5	17.8	12.5	6.2	0.0
-87.5°	15.0	13.3	11.2	8.9	6.2	3.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)