

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: P559246 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-935-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559246 (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-935-U-NAT-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (96) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

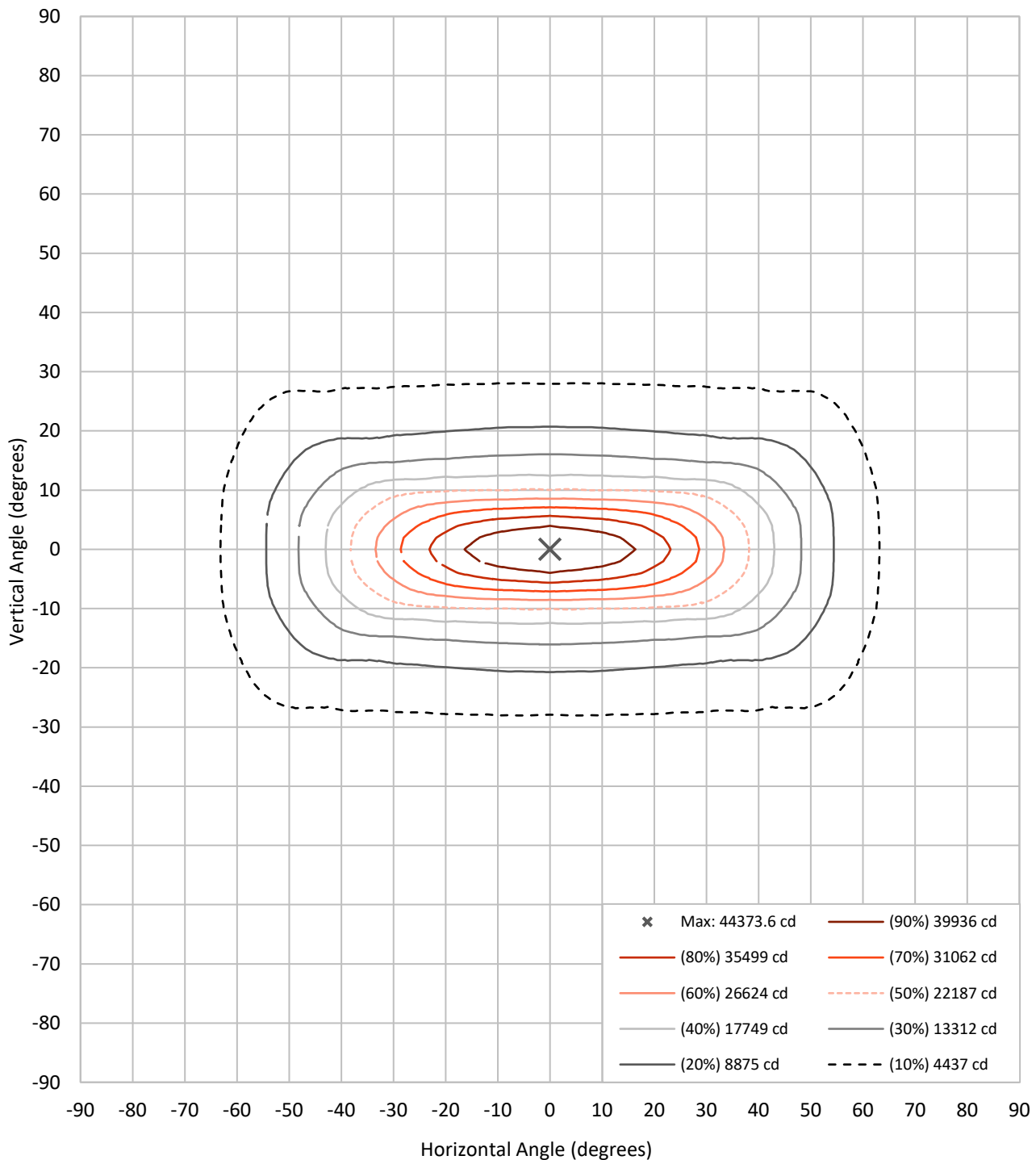
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	31779.5 lumens	Max Intensity:	44373.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	86.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	12714.9 lumens	Field Lumens:	26046.6 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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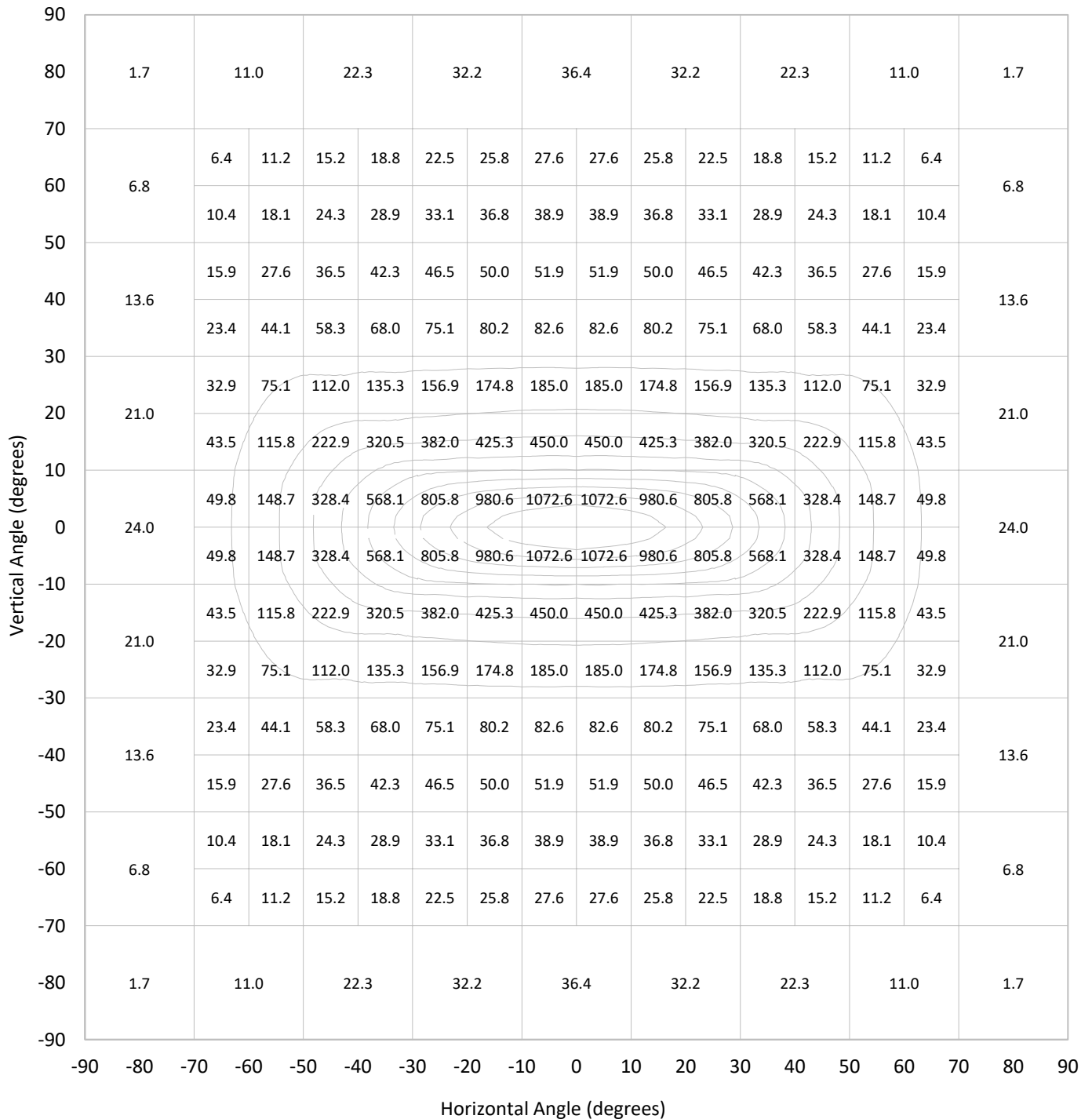
Iso-Candela Plot





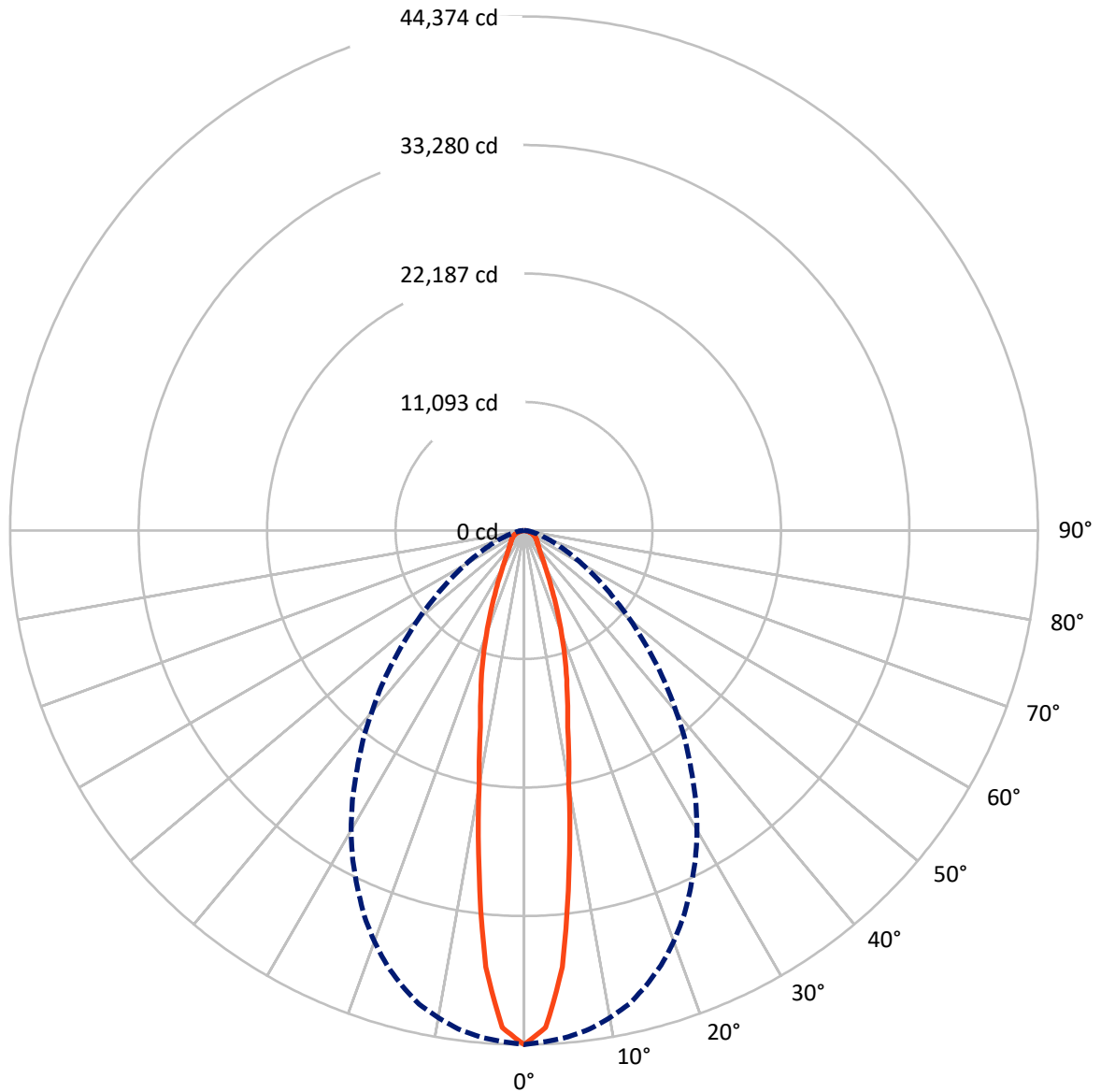
REPORT NUMBER: P559246 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table



REPORT NUMBER: P559246 (CONVERTED FROM TYPE C PHOTOMETRY)
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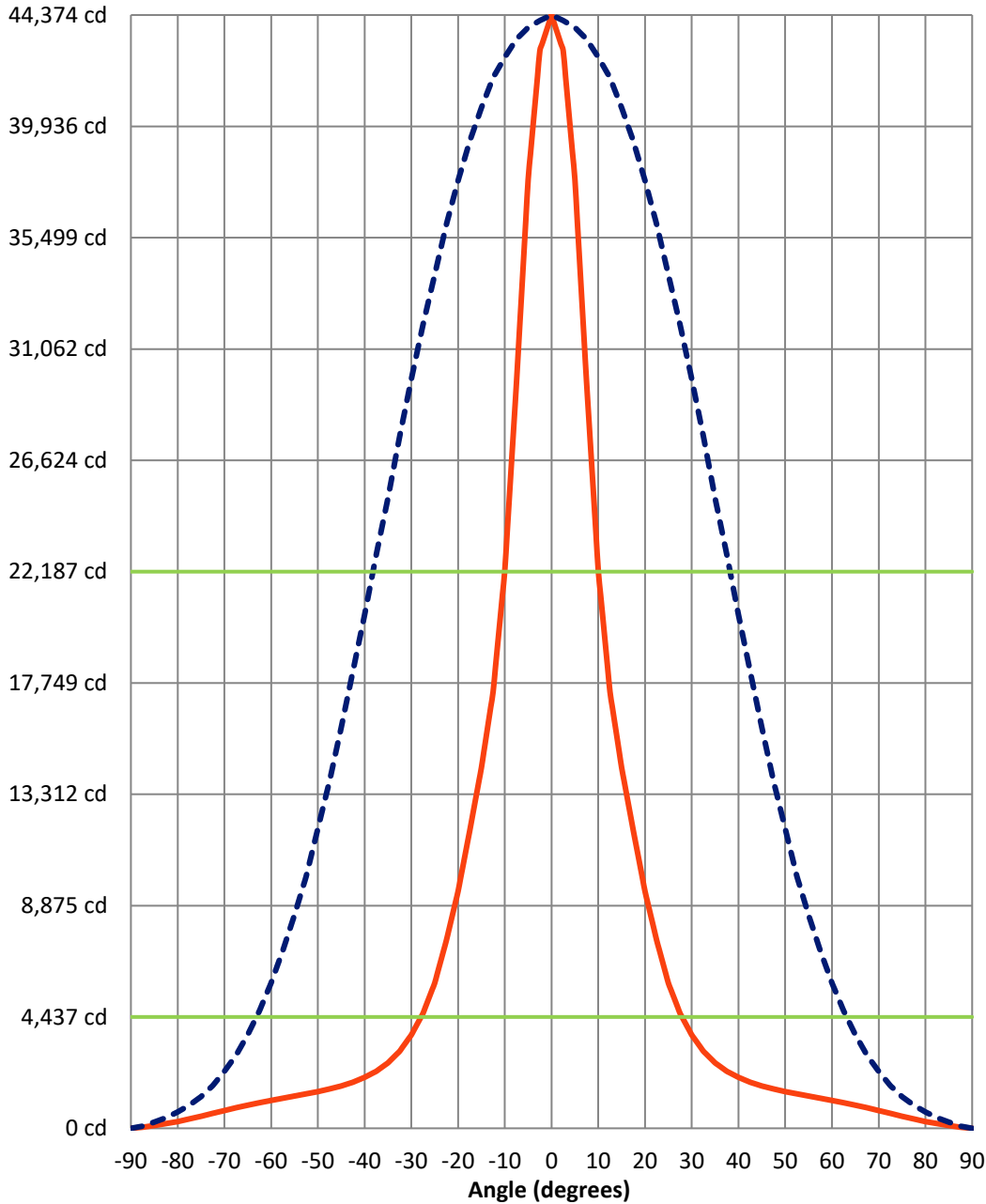
Luminous Intensity Polar Plot



— 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: 12714.9
Efficiency: 40.0%

Field:
H Angle: 126.3°
V Angle: 55.8°
Lumens: 26046.6
Efficiency: 82.0%

Spill:
Lumens: 5732.9
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	3.7	7.4	10.5	13.3	15.7	17.7	20.1	22.3	24.3	26.2
85°	0.0	7.4	14.7	21.0	26.6	31.4	35.4	40.1	44.5	48.6	52.3
82.5°	0.0	11.1	22.1	31.5	39.8	47.0	53.1	60.2	68.2	81.3	93.1
80°	0.0	14.7	29.4	42.0	53.1	62.7	72.8	92.5	110.9	127.5	142.6
77.5°	0.0	18.3	36.6	52.4	66.3	83.2	107.1	131.1	153.4	173.7	193.1
75°	0.0	21.9	43.8	62.8	81.5	112.7	141.3	169.5	196.4	223.7	247.0
72.5°	0.0	25.5	50.9	73.0	105.7	142.1	175.4	209.3	244.5	275.1	301.1
70°	0.0	29.0	57.9	84.9	129.8	171.3	210.0	253.3	292.6	326.8	360.5
67.5°	0.0	32.4	64.8	103.2	153.6	200.2	249.6	297.3	340.9	385.6	421.7
65°	0.0	35.8	71.5	121.4	177.2	231.6	289.0	341.0	396.6	444.9	487.4
62.5°	0.0	39.1	78.1	139.2	200.5	265.5	328.2	390.1	452.5	506.9	562.3
60°	0.0	42.3	84.6	156.8	223.4	299.0	367.2	441.4	508.7	577.2	637.7
57.5°	0.0	45.5	96.1	174.1	250.4	332.2	411.5	492.6	571.6	647.7	719.2
55°	0.0	48.6	107.3	191.0	277.3	365.0	455.9	543.6	636.0	720.9	805.3
52.5°	0.0	51.6	118.3	207.5	303.6	398.2	499.8	600.8	700.3	803.7	893.7
50°	0.0	54.4	128.9	223.6	329.5	434.5	543.0	659.0	768.2	888.0	998.8
47.5°	0.0	57.2	139.2	240.2	354.8	470.1	586.7	717.4	845.7	973.6	1109.5
45°	0.0	59.9	149.1	258.8	379.6	504.9	637.3	776.0	925.1	1077.9	1224.0
42.5°	0.0	62.4	158.7	276.8	403.7	538.7	687.4	840.9	1004.4	1184.9	1354.5
40°	0.0	64.9	167.8	293.6	428.5	571.7	737.1	909.6	1089.2	1294.0	1491.8
37.5°	0.0	67.2	176.6	309.3	453.8	603.6	786.2	977.5	1185.3	1408.2	1633.6
35°	0.0	69.4	184.9	324.0	478.0	639.9	834.6	1044.3	1281.1	1534.7	1787.1
32.5°	0.0	71.4	192.8	337.6	501.3	677.8	884.1	1110.0	1376.2	1662.8	1956.1
30°	0.0	73.3	200.2	350.3	523.5	714.6	937.0	1177.7	1470.3	1792.1	2129.0
27.5°	0.0	75.1	207.1	361.9	542.0	750.0	988.2	1254.3	1568.7	1922.0	2304.9
25°	0.0	76.8	213.6	372.5	559.0	783.9	1037.4	1328.7	1674.8	2063.2	2483.6
22.5°	0.0	78.2	219.5	382.0	574.8	814.2	1084.4	1400.5	1778.9	2209.2	2678.8
20°	0.0	79.6	224.9	390.5	589.2	837.3	1129.1	1469.3	1880.3	2353.3	2872.4
17.5°	0.0	80.8	229.7	397.8	602.3	857.5	1162.7	1534.8	1978.3	2494.0	3062.8
15°	0.0	81.8	234.0	404.2	614.0	875.0	1187.8	1586.3	2072.1	2630.4	3248.4
12.5°	0.0	82.7	237.7	409.4	624.2	889.7	1209.3	1619.8	2139.4	2761.1	3427.4
10°	0.0	83.4	240.9	413.6	632.9	901.5	1227.1	1647.6	2182.4	2822.7	3567.1
7.5°	0.0	84.0	243.4	416.7	640.0	910.6	1241.1	1669.6	2217.1	2863.3	3630.3
5°	0.0	84.4	245.4	418.8	645.4	916.9	1251.3	1685.6	2243.3	2891.3	3679.3
2.5°	0.0	84.6	246.8	419.9	649.2	920.5	1257.7	1695.7	2260.9	2907.1	3713.3
0°	0.0	84.7	247.5	420.0	651.2	921.5	1260.1	1699.7	2269.5	2910.9	3731.4
-2.5°	0.0	84.6	246.8	419.9	649.2	920.5	1257.7	1695.7	2260.9	2907.1	3713.3
-5°	0.0	84.4	245.4	418.8	645.4	916.9	1251.3	1685.6	2243.3	2891.3	3679.3
-7.5°	0.0	84.0	243.4	416.7	640.0	910.6	1241.1	1669.6	2217.1	2863.3	3630.3
-10°	0.0	83.4	240.9	413.6	632.9	901.5	1227.1	1647.6	2182.4	2822.7	3567.1
-12.5°	0.0	82.7	237.7	409.4	624.2	889.7	1209.3	1619.8	2139.4	2761.1	3427.4
-15°	0.0	81.8	234.0	404.2	614.0	875.0	1187.8	1586.3	2072.1	2630.4	3248.4
-17.5°	0.0	80.8	229.7	397.8	602.3	857.5	1162.7	1534.8	1978.3	2494.0	3062.8
-20°	0.0	79.6	224.9	390.5	589.2	837.3	1129.1	1469.3	1880.3	2353.3	2872.4



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 CATALOG NUMBER: GFLD-SA6E-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	78.2	219.5	382.0	574.8	814.2	1084.4	1400.5	1778.9	2209.2	2678.8
-25°	0.0	76.8	213.6	372.5	559.0	783.9	1037.4	1328.7	1674.8	2063.2	2483.6
-27.5°	0.0	75.1	207.1	361.9	542.0	750.0	988.2	1254.3	1568.7	1922.0	2304.9
-30°	0.0	73.3	200.2	350.3	523.5	714.6	937.0	1177.7	1470.3	1792.1	2129.0
-32.5°	0.0	71.4	192.8	337.6	501.3	677.8	884.1	1110.0	1376.2	1662.8	1956.1
-35°	0.0	69.4	184.9	324.0	478.0	639.9	834.6	1044.3	1281.1	1534.7	1787.1
-37.5°	0.0	67.2	176.6	309.3	453.8	603.6	786.2	977.5	1185.3	1408.2	1633.6
-40°	0.0	64.9	167.8	293.6	428.5	571.7	737.1	909.6	1089.2	1294.0	1491.8
-42.5°	0.0	62.4	158.7	276.8	403.7	538.7	687.4	840.9	1004.4	1184.9	1354.5
-45°	0.0	59.9	149.1	258.8	379.6	504.9	637.3	776.0	925.1	1077.9	1224.0
-47.5°	0.0	57.2	139.2	240.2	354.8	470.1	586.7	717.4	845.7	973.6	1109.5
-50°	0.0	54.4	128.9	223.6	329.5	434.5	543.0	659.0	768.2	888.0	998.8
-52.5°	0.0	51.6	118.3	207.5	303.6	398.2	499.8	600.8	700.3	803.7	893.7
-55°	0.0	48.6	107.3	191.0	277.3	365.0	455.9	543.6	636.0	720.9	805.3
-57.5°	0.0	45.5	96.1	174.1	250.4	332.2	411.5	492.6	571.6	647.7	719.2
-60°	0.0	42.3	84.6	156.8	223.4	299.0	367.2	441.4	508.7	577.2	637.7
-62.5°	0.0	39.1	78.1	139.2	200.5	265.5	328.2	390.1	452.5	506.9	562.3
-65°	0.0	35.8	71.5	121.4	177.2	231.6	289.0	341.0	396.6	444.9	487.4
-67.5°	0.0	32.4	64.8	103.2	153.6	200.2	249.6	297.3	340.9	385.6	421.7
-70°	0.0	29.0	57.9	84.9	129.8	171.3	210.0	253.3	292.6	326.8	360.5
-72.5°	0.0	25.5	50.9	73.0	105.7	142.1	175.4	209.3	244.5	275.1	301.1
-75°	0.0	21.9	43.8	62.8	81.5	112.7	141.3	169.5	196.4	223.7	247.0
-77.5°	0.0	18.3	36.6	52.4	66.3	83.2	107.1	131.1	153.4	173.7	193.1
-80°	0.0	14.7	29.4	42.0	53.1	62.7	72.8	92.5	110.9	127.5	142.6
-82.5°	0.0	11.1	22.1	31.5	39.8	47.0	53.1	60.2	68.2	81.3	93.1
-85°	0.0	7.4	14.7	21.0	26.6	31.4	35.4	40.1	44.5	48.6	52.3
-87.5°	0.0	3.7	7.4	10.5	13.3	15.7	17.7	20.1	22.3	24.3	26.2
-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: P559246 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	28.2	30.1	31.9	33.6	35.2	36.6	38.0	39.2	40.8	42.4	43.9
85°	56.4	60.2	66.7	72.0	76.9	81.2	84.8	87.8	90.9	93.5	95.5
82.5°	103.6	112.4	119.3	124.5	130.5	135.7	140.2	144.0	148.1	151.9	155.1
80°	154.9	164.8	174.9	183.8	192.5	199.0	203.1	204.8	210.0	216.6	223.3
77.5°	210.0	225.0	238.1	249.5	258.8	266.9	272.8	276.3	284.5	294.0	302.3
75°	267.2	285.4	303.6	319.6	332.3	341.6	348.4	354.1	363.9	376.4	387.0
72.5°	326.7	351.2	372.8	391.5	408.4	421.4	431.1	437.4	447.2	461.9	473.7
70°	389.3	417.5	446.7	470.7	488.8	504.1	516.8	525.5	534.4	549.3	560.3
67.5°	454.2	494.3	526.8	552.2	572.3	591.1	605.4	614.8	618.7	633.7	646.2
65°	530.6	573.5	609.7	638.2	658.4	681.5	697.5	705.4	707.9	724.3	739.7
62.5°	608.5	656.0	695.6	728.3	754.5	776.5	794.4	804.5	806.3	818.3	836.0
60°	691.6	740.2	787.3	826.7	854.8	877.4	896.9	907.6	909.8	914.7	934.8
57.5°	778.1	830.6	885.7	930.0	962.7	981.4	1002.7	1014.5	1019.3	1016.4	1037.1
55°	872.3	927.0	989.1	1040.6	1075.7	1092.6	1112.5	1129.5	1135.3	1131.5	1143.8
52.5°	979.1	1033.5	1099.8	1156.4	1195.4	1215.9	1229.9	1250.3	1259.7	1255.5	1253.0
50°	1091.3	1159.6	1214.5	1279.2	1326.3	1353.2	1353.6	1378.9	1391.2	1387.4	1370.7
47.5°	1218.3	1295.4	1336.9	1411.0	1472.3	1503.9	1506.1	1516.2	1531.3	1535.3	1520.9
45°	1355.5	1449.6	1494.2	1560.5	1629.0	1667.8	1679.5	1661.4	1688.4	1696.7	1687.7
42.5°	1500.0	1620.1	1690.5	1717.4	1797.2	1851.0	1871.9	1859.1	1857.7	1876.5	1876.2
40°	1666.9	1804.8	1910.5	1938.5	1978.8	2053.1	2097.1	2094.7	2045.4	2080.5	2089.7
37.5°	1845.4	2024.6	2155.2	2213.3	2182.7	2281.8	2346.3	2372.3	2341.7	2307.1	2346.5
35°	2033.1	2259.6	2435.6	2534.7	2539.2	2536.9	2637.8	2691.9	2695.6	2632.4	2646.7
32.5°	2243.3	2509.1	2742.3	2902.6	2975.3	2930.4	2956.7	3070.3	3126.0	3101.9	3010.9
30°	2468.9	2795.1	3081.2	3307.2	3469.8	3517.6	3409.3	3498.0	3621.4	3670.6	3631.1
27.5°	2697.1	3098.5	3461.3	3774.6	4026.5	4186.2	4189.9	4053.0	4192.9	4311.6	4357.5
25°	2929.0	3402.2	3864.4	4289.1	4670.3	4944.8	5071.0	5085.7	4890.1	5067.9	5233.7
22.5°	3176.0	3714.6	4263.2	4837.0	5368.2	5771.2	6077.4	6261.9	6255.9	6069.2	6214.9
20°	3437.5	4054.7	4693.4	5374.1	6098.6	6652.5	7165.6	7558.1	7794.4	7872.9	7720.0
17.5°	3698.5	4397.8	5145.1	5955.8	6794.2	7562.0	8331.1	8957.4	9453.5	9860.8	10006.6
15°	3956.2	4740.1	5598.5	6541.6	7510.2	8471.4	9460.2	10419.3	11263.7	12009.0	12450.9
12.5°	4208.0	5077.7	6048.4	7124.5	8236.3	9393.3	10573.2	11741.6	12958.0	14165.3	15082.8
10°	4450.8	5406.4	6489.0	7697.4	8961.8	10314.9	11684.2	13070.8	14548.5	15972.3	17343.1
7.5°	4554.6	5621.3	6868.6	8252.3	9675.0	11222.3	12778.3	14388.2	16114.7	17776.1	19450.0
5°	4618.7	5706.6	6975.2	8416.9	9999.5	11814.4	13671.1	15665.2	17635.3	19548.3	21520.6
2.5°	4661.2	5764.9	7046.4	8481.9	10047.9	11911.7	13791.7	15862.2	18072.7	20284.4	22632.6
0°	4682.2	5795.8	7081.9	8501.6	10041.7	11943.2	13838.3	15974.2	18214.4	20464.3	22867.3
-2.5°	4661.2	5764.9	7046.4	8481.9	10047.9	11911.7	13791.7	15862.2	18072.7	20284.4	22632.6
-5°	4618.7	5706.6	6975.2	8416.9	9999.5	11814.4	13671.1	15665.2	17635.3	19548.3	21520.6
-7.5°	4554.6	5621.3	6868.6	8252.3	9675.0	11222.3	12778.3	14388.2	16114.7	17776.1	19450.0
-10°	4450.8	5406.4	6489.0	7697.4	8961.8	10314.9	11684.2	13070.8	14548.5	15972.3	17343.1
-12.5°	4208.0	5077.7	6048.4	7124.5	8236.3	9393.3	10573.2	11741.6	12958.0	14165.3	15082.8
-15°	3956.2	4740.1	5598.5	6541.6	7510.2	8471.4	9460.2	10419.3	11263.7	12009.0	12450.9
-17.5°	3698.5	4397.8	5145.1	5955.8	6794.2	7562.0	8331.1	8957.4	9453.5	9860.8	10006.6
-20°	3437.5	4054.7	4693.4	5374.1	6098.6	6652.5	7165.6	7558.1	7794.4	7872.9	7720.0



REPORT NUMBER: P559246 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	3176.0	3714.6	4263.2	4837.0	5368.2	5771.2	6077.4	6261.9	6255.9	6069.2	6214.9
-25°	2929.0	3402.2	3864.4	4289.1	4670.3	4944.8	5071.0	5085.7	4890.1	5067.9	5233.7
-27.5°	2697.1	3098.5	3461.3	3774.6	4026.5	4186.2	4189.9	4053.0	4192.9	4311.6	4357.5
-30°	2468.9	2795.1	3081.2	3307.2	3469.8	3517.6	3409.3	3498.0	3621.4	3670.6	3631.1
-32.5°	2243.3	2509.1	2742.3	2902.6	2975.3	2930.4	2956.7	3070.3	3126.0	3101.9	3010.9
-35°	2033.1	2259.6	2435.6	2534.7	2539.2	2536.9	2637.8	2691.9	2695.6	2632.4	2646.7
-37.5°	1845.4	2024.6	2155.2	2213.3	2182.7	2281.8	2346.3	2372.3	2341.7	2307.1	2346.5
-40°	1666.9	1804.8	1910.5	1938.5	1978.8	2053.1	2097.1	2094.7	2045.4	2080.5	2089.7
-42.5°	1500.0	1620.1	1690.5	1717.4	1797.2	1851.0	1871.9	1859.1	1857.7	1876.5	1876.2
-45°	1355.5	1449.6	1494.2	1560.5	1629.0	1667.8	1679.5	1661.4	1688.4	1696.7	1687.7
-47.5°	1218.3	1295.4	1336.9	1411.0	1472.3	1503.9	1506.1	1516.2	1531.3	1535.3	1520.9
-50°	1091.3	1159.6	1214.5	1279.2	1326.3	1353.2	1353.6	1378.9	1391.2	1387.4	1370.7
-52.5°	979.1	1033.5	1099.8	1156.4	1195.4	1215.9	1229.9	1250.3	1259.7	1255.5	1253.0
-55°	872.3	927.0	989.1	1040.6	1075.7	1092.6	1112.5	1129.5	1135.3	1131.5	1143.8
-57.5°	778.1	830.6	885.7	930.0	962.7	981.4	1002.7	1014.5	1019.3	1016.4	1037.1
-60°	691.6	740.2	787.3	826.7	854.8	877.4	896.9	907.6	909.8	914.7	934.8
-62.5°	608.5	656.0	695.6	728.3	754.5	776.5	794.4	804.5	806.3	818.3	836.0
-65°	530.6	573.5	609.7	638.2	658.4	681.5	697.5	705.4	707.9	724.3	739.7
-67.5°	454.2	494.3	526.8	552.2	572.3	591.1	605.4	614.8	618.7	633.7	646.2
-70°	389.3	417.5	446.7	470.7	488.8	504.1	516.8	525.5	534.4	549.3	560.3
-72.5°	326.7	351.2	372.8	391.5	408.4	421.4	431.1	437.4	447.2	461.9	473.7
-75°	267.2	285.4	303.6	319.6	332.3	341.6	348.4	354.1	363.9	376.4	387.0
-77.5°	210.0	225.0	238.1	249.5	258.8	266.9	272.8	276.3	284.5	294.0	302.3
-80°	154.9	164.8	174.9	183.8	192.5	199.0	203.1	204.8	210.0	216.6	223.3
-82.5°	103.6	112.4	119.3	124.5	130.5	135.7	140.2	144.0	148.1	151.9	155.1
-85°	56.4	60.2	66.7	72.0	76.9	81.2	84.8	87.8	90.9	93.5	95.5
-87.5°	28.2	30.1	31.9	33.6	35.2	36.6	38.0	39.2	40.8	42.4	43.9
-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: P559246 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	45.4	44.7	43.8	42.6	41.3	41.4	41.3	41.1	40.9	40.5	40.1
85°	97.0	98.8	100.5	102.2	103.8	105.5	107.0	108.2	109.1	109.0	108.6
82.5°	157.9	163.1	168.4	173.4	178.0	180.5	182.3	183.5	184.2	185.7	186.9
80°	229.1	236.9	244.0	250.0	254.8	258.4	261.3	263.6	265.4	267.3	268.5
77.5°	310.0	318.6	326.9	334.1	340.3	346.1	351.1	355.0	358.0	362.5	366.6
75°	395.9	405.7	415.9	425.1	433.2	441.7	450.2	457.9	464.8	470.7	475.0
72.5°	482.8	493.0	505.7	517.3	528.2	539.7	551.1	561.1	569.7	577.8	585.1
70°	568.6	578.2	594.4	610.0	624.5	638.4	652.1	664.4	675.3	685.8	695.2
67.5°	657.2	667.3	687.4	705.5	721.7	736.9	752.8	767.0	779.4	790.5	800.1
65°	751.7	760.6	782.4	802.1	819.2	833.5	850.7	866.2	880.1	892.3	902.6
62.5°	849.5	858.5	876.4	895.9	912.2	925.9	946.1	963.6	978.4	990.7	1001.1
60°	948.7	956.5	970.3	991.7	1009.9	1024.9	1042.7	1059.7	1074.1	1086.3	1097.2
57.5°	1051.8	1059.5	1066.2	1087.7	1105.3	1118.9	1134.4	1151.1	1165.1	1176.6	1187.8
55°	1158.2	1164.2	1162.1	1182.0	1198.4	1209.6	1221.2	1238.8	1252.7	1262.9	1273.1
52.5°	1267.1	1274.2	1269.2	1277.6	1295.6	1305.6	1310.6	1329.6	1343.9	1353.0	1362.4
50°	1388.2	1393.9	1389.5	1384.7	1402.2	1412.5	1415.4	1430.7	1443.7	1450.7	1457.4
47.5°	1519.7	1526.7	1523.2	1504.1	1519.6	1532.8	1533.2	1539.7	1553.1	1558.5	1562.5
45°	1662.6	1676.1	1673.2	1660.0	1657.8	1671.3	1670.0	1664.7	1680.1	1687.0	1689.2
42.5°	1850.1	1845.7	1849.9	1842.3	1818.6	1833.8	1835.7	1816.5	1835.8	1844.1	1839.3
40°	2079.6	2037.7	2060.8	2057.4	2035.3	2032.0	2043.9	2028.2	2031.2	2043.1	2033.9
37.5°	2352.7	2322.8	2310.3	2320.6	2314.1	2285.8	2308.4	2302.8	2285.1	2305.1	2296.3
35°	2688.9	2680.0	2612.5	2653.6	2662.1	2635.2	2642.9	2654.6	2615.9	2646.4	2643.2
32.5°	3082.0	3102.0	3087.4	3062.2	3100.5	3105.3	3060.9	3114.3	3092.8	3100.4	3121.4
30°	3527.2	3629.4	3679.1	3634.6	3658.5	3706.0	3684.3	3721.3	3739.0	3711.3	3763.8
27.5°	4304.9	4268.7	4387.8	4439.6	4384.1	4470.9	4533.8	4505.9	4598.1	4543.6	4621.4
25°	5293.3	5240.1	5272.0	5443.3	5481.3	5437.3	5614.8	5635.7	5708.8	5717.6	5772.0
22.5°	6454.5	6583.1	6568.1	6620.3	6835.4	6907.4	6972.9	7143.7	7104.7	7259.5	7286.4
20°	7752.9	8075.9	8298.5	8345.3	8437.3	8684.7	8798.2	8932.9	9023.3	9169.8	9293.6
17.5°	9949.4	9783.8	10220.4	10494.5	10638.8	10690.3	10988.3	11085.4	11309.4	11437.2	11564.2
15°	12769.5	12866.0	12669.0	12930.4	13371.9	13521.1	13349.7	13749.8	13862.4	14077.9	14116.0
12.5°	15783.8	16271.8	16511.0	16576.0	16345.3	16973.3	17224.9	16909.1	17267.4	17202.7	17497.5
10°	18660.0	19845.6	20555.2	21054.5	21358.0	21540.7	21722.3	22048.8	22054.4	22296.3	22155.1
7.5°	21021.3	22524.4	23960.4	25353.4	26467.7	27092.4	27582.9	28053.3	28681.0	28981.6	29177.0
5°	23331.4	25065.7	26783.9	28472.5	30001.7	31472.8	32914.7	34165.5	34828.2	35602.7	36293.3
2.5°	24825.6	27019.3	29213.6	31387.1	33154.0	34775.2	36276.0	37669.8	38892.5	40023.6	40978.8
0°	25117.2	27572.3	29861.3	32029.9	34019.3	36021.8	37770.3	39346.2	40677.9	41879.4	42690.2
-2.5°	24825.6	27019.3	29213.6	31387.1	33154.0	34775.2	36276.0	37669.8	38892.5	40023.6	40978.8
-5°	23331.4	25065.7	26783.9	28472.5	30001.7	31472.8	32914.7	34165.5	34828.2	35602.7	36293.3
-7.5°	21021.3	22524.4	23960.4	25353.4	26467.7	27092.4	27582.9	28053.3	28681.0	28981.6	29177.0
-10°	18660.0	19845.6	20555.2	21054.5	21358.0	21540.7	21722.3	22048.8	22054.4	22296.3	22155.1
-12.5°	15783.8	16271.8	16511.0	16576.0	16345.3	16973.3	17224.9	16909.1	17267.4	17202.7	17497.5
-15°	12769.5	12866.0	12669.0	12930.4	13371.9	13521.1	13349.7	13749.8	13862.4	14077.9	14116.0
-17.5°	9949.4	9783.8	10220.4	10494.5	10638.8	10690.3	10988.3	11085.4	11309.4	11437.2	11564.2
-20°	7752.9	8075.9	8298.5	8345.3	8437.3	8684.7	8798.2	8932.9	9023.3	9169.8	9293.6



REPORT NUMBER: P559246 (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°	6454.5	6583.1	6568.1	6620.3	6835.4	6907.4	6972.9	7143.7	7104.7	7259.5	7286.4
-25°	5293.3	5240.1	5272.0	5443.3	5481.3	5437.3	5614.8	5635.7	5708.8	5717.6	5772.0
-27.5°	4304.9	4268.7	4387.8	4439.6	4384.1	4470.9	4533.8	4505.9	4598.1	4543.6	4621.4
-30°	3527.2	3629.4	3679.1	3634.6	3658.5	3706.0	3684.3	3721.3	3739.0	3711.3	3763.8
-32.5°	3082.0	3102.0	3087.4	3062.2	3100.5	3105.3	3060.9	3114.3	3092.8	3100.4	3121.4
-35°	2688.9	2680.0	2612.5	2653.6	2662.1	2635.2	2642.9	2654.6	2615.9	2646.4	2643.2
-37.5°	2352.7	2322.8	2310.3	2320.6	2314.1	2285.8	2308.4	2302.8	2285.1	2305.1	2296.3
-40°	2079.6	2037.7	2060.8	2057.4	2035.3	2032.0	2043.9	2028.2	2031.2	2043.1	2033.9
-42.5°	1850.1	1845.7	1849.9	1842.3	1818.6	1833.8	1835.7	1816.5	1835.8	1844.1	1839.3
-45°	1662.6	1676.1	1673.2	1660.0	1657.8	1671.3	1670.0	1664.7	1680.1	1687.0	1689.2
-47.5°	1519.7	1526.7	1523.2	1504.1	1519.6	1532.8	1533.2	1539.7	1553.1	1558.5	1562.5
-50°	1388.2	1393.9	1389.5	1384.7	1402.2	1412.5	1415.4	1430.7	1443.7	1450.7	1457.4
-52.5°	1267.1	1274.2	1269.2	1277.6	1295.6	1305.6	1310.6	1329.6	1343.9	1353.0	1362.4
-55°	1158.2	1164.2	1162.1	1182.0	1198.4	1209.6	1221.2	1238.8	1252.7	1262.9	1273.1
-57.5°	1051.8	1059.5	1066.2	1087.7	1105.3	1118.9	1134.4	1151.1	1165.1	1176.6	1187.8
-60°	948.7	956.5	970.3	991.7	1009.9	1024.9	1042.7	1059.7	1074.1	1086.3	1097.2
-62.5°	849.5	858.5	876.4	895.9	912.2	925.9	946.1	963.6	978.4	990.7	1001.1
-65°	751.7	760.6	782.4	802.1	819.2	833.5	850.7	866.2	880.1	892.3	902.6
-67.5°	657.2	667.3	687.4	705.5	721.7	736.9	752.8	767.0	779.4	790.5	800.1
-70°	568.6	578.2	594.4	610.0	624.5	638.4	652.1	664.4	675.3	685.8	695.2
-72.5°	482.8	493.0	505.7	517.3	528.2	539.7	551.1	561.1	569.7	577.8	585.1
-75°	395.9	405.7	415.9	425.1	433.2	441.7	450.2	457.9	464.8	470.7	475.0
-77.5°	310.0	318.6	326.9	334.1	340.3	346.1	351.1	355.0	358.0	362.5	366.6
-80°	229.1	236.9	244.0	250.0	254.8	258.4	261.3	263.6	265.4	267.3	268.5
-82.5°	157.9	163.1	168.4	173.4	178.0	180.5	182.3	183.5	184.2	185.7	186.9
-85°	97.0	98.8	100.5	102.2	103.8	105.5	107.0	108.2	109.1	109.0	108.6
-87.5°	45.4	44.7	43.8	42.6	41.3	41.4	41.3	41.1	40.9	40.5	40.1
-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: P559246 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	39.6	39.0	40.7	42.3	40.7	39.0	39.6	40.1	40.5	40.9	41.1
85°	107.9	106.9	108.9	110.7	108.9	106.9	107.9	108.6	109.0	109.1	108.2
82.5°	187.6	188.0	188.7	188.9	188.7	188.0	187.6	186.9	185.7	184.2	183.5
80°	269.2	269.1	268.4	267.0	268.4	269.1	269.2	268.5	267.3	265.4	263.6
77.5°	370.0	372.4	373.9	374.4	373.9	372.4	370.0	366.6	362.5	358.0	355.0
75°	478.0	479.5	479.7	478.6	479.7	479.5	478.0	475.0	470.7	464.8	457.9
72.5°	591.1	595.8	596.8	595.9	596.8	595.8	591.1	585.1	577.8	569.7	561.1
70°	703.1	709.3	709.2	706.6	709.2	709.3	703.1	695.2	685.8	675.3	664.4
67.5°	807.7	813.4	817.8	820.5	817.8	813.4	807.7	800.1	790.5	779.4	767.0
65°	910.9	917.1	920.5	921.5	920.5	917.1	910.9	902.6	892.3	880.1	866.2
62.5°	1009.0	1014.7	1018.0	1019.1	1018.0	1014.7	1009.0	1001.1	990.7	978.4	963.6
60°	1105.8	1111.9	1112.9	1110.3	1112.9	1111.9	1105.8	1097.2	1086.3	1074.1	1059.7
57.5°	1196.6	1202.9	1202.8	1198.2	1202.8	1202.9	1196.6	1187.8	1176.6	1165.1	1151.1
55°	1280.6	1285.1	1286.8	1286.1	1286.8	1285.1	1280.6	1273.1	1262.9	1252.7	1238.8
52.5°	1369.4	1373.0	1374.6	1374.1	1374.6	1373.0	1369.4	1362.4	1353.0	1343.9	1329.6
50°	1462.2	1462.6	1462.5	1462.0	1462.5	1462.6	1462.2	1457.4	1450.7	1443.7	1430.7
47.5°	1568.2	1569.3	1569.5	1569.4	1569.5	1569.3	1568.2	1562.5	1558.5	1553.1	1539.7
45°	1693.4	1690.0	1686.4	1686.6	1686.4	1690.0	1693.4	1689.2	1687.0	1680.1	1664.7
42.5°	1843.8	1840.0	1835.3	1836.4	1835.3	1840.0	1843.8	1839.3	1844.1	1835.8	1816.5
40°	2041.9	2040.8	2034.1	2031.8	2034.1	2040.8	2041.9	2033.9	2043.1	2031.2	2028.2
37.5°	2297.7	2294.0	2279.1	2272.7	2279.1	2294.0	2297.7	2296.3	2305.1	2285.1	2302.8
35°	2634.1	2629.1	2606.4	2608.1	2606.4	2629.1	2634.1	2643.2	2646.4	2615.9	2654.6
32.5°	3110.9	3112.6	3078.3	3070.5	3078.3	3112.6	3110.9	3121.4	3100.4	3092.8	3114.3
30°	3731.1	3744.8	3704.4	3721.7	3704.4	3744.8	3731.1	3763.8	3711.3	3739.0	3721.3
27.5°	4619.9	4645.9	4610.1	4581.3	4610.1	4645.9	4619.9	4621.4	4543.6	4598.1	4505.9
25°	5843.3	5862.6	5821.8	5786.0	5821.8	5862.6	5843.3	5772.0	5717.6	5708.8	5635.7
22.5°	7435.7	7434.5	7432.5	7488.9	7432.5	7434.5	7435.7	7286.4	7259.5	7104.7	7143.7
20°	9373.6	9326.7	9397.0	9442.6	9397.0	9326.7	9373.6	9293.6	9169.8	9023.3	8932.9
17.5°	11593.7	11681.7	11749.2	11861.8	11749.2	11681.7	11593.7	11564.2	11437.2	11309.4	11085.4
15°	14211.5	14344.2	14411.7	14375.5	14411.7	14344.2	14211.5	14116.0	14077.9	13862.4	13749.8
12.5°	17507.9	17666.4	17549.4	17403.6	17549.4	17666.4	17507.9	17497.5	17202.7	17267.4	16909.1
10°	22157.2	22498.5	22517.6	22232.4	22517.6	22498.5	22157.2	22155.1	22296.3	22054.4	22048.8
7.5°	29290.6	29456.5	29708.5	29721.3	29708.5	29456.5	29290.6	29177.0	28981.6	28681.0	28053.3
5°	36606.3	37048.2	37333.1	37825.6	37333.1	37048.2	36606.3	36293.3	35602.7	34828.2	34165.5
2.5°	41595.6	42166.8	42386.0	42944.2	42386.0	42166.8	41595.6	40978.8	40023.6	38892.5	37669.8
0°	43413.0	43875.4	44152.2	44373.6	44152.2	43875.4	43413.0	42690.2	41879.4	40677.9	39346.2
-2.5°	41595.6	42166.8	42386.0	42944.2	42386.0	42166.8	41595.6	40978.8	40023.6	38892.5	37669.8
-5°	36606.3	37048.2	37333.1	37825.6	37333.1	37048.2	36606.3	36293.3	35602.7	34828.2	34165.5
-7.5°	29290.6	29456.5	29708.5	29721.3	29708.5	29456.5	29290.6	29177.0	28981.6	28681.0	28053.3
-10°	22157.2	22498.5	22517.6	22232.4	22517.6	22498.5	22157.2	22155.1	22296.3	22054.4	22048.8
-12.5°	17507.9	17666.4	17549.4	17403.6	17549.4	17666.4	17507.9	17497.5	17202.7	17267.4	16909.1
-15°	14211.5	14344.2	14411.7	14375.5	14411.7	14344.2	14211.5	14116.0	14077.9	13862.4	13749.8
-17.5°	11593.7	11681.7	11749.2	11861.8	11749.2	11681.7	11593.7	11564.2	11437.2	11309.4	11085.4
-20°	9373.6	9326.7	9397.0	9442.6	9397.0	9326.7	9373.6	9293.6	9169.8	9023.3	8932.9



REPORT NUMBER: P559246 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	7435.7	7434.5	7432.5	7488.9	7432.5	7434.5	7435.7	7286.4	7259.5	7104.7	7143.7
-25°	5843.3	5862.6	5821.8	5786.0	5821.8	5862.6	5843.3	5772.0	5717.6	5708.8	5635.7
-27.5°	4619.9	4645.9	4610.1	4581.3	4610.1	4645.9	4619.9	4621.4	4543.6	4598.1	4505.9
-30°	3731.1	3744.8	3704.4	3721.7	3704.4	3744.8	3731.1	3763.8	3711.3	3739.0	3721.3
-32.5°	3110.9	3112.6	3078.3	3070.5	3078.3	3112.6	3110.9	3121.4	3100.4	3092.8	3114.3
-35°	2634.1	2629.1	2606.4	2608.1	2606.4	2629.1	2634.1	2643.2	2646.4	2615.9	2654.6
-37.5°	2297.7	2294.0	2279.1	2272.7	2279.1	2294.0	2297.7	2296.3	2305.1	2285.1	2302.8
-40°	2041.9	2040.8	2034.1	2031.8	2034.1	2040.8	2041.9	2033.9	2043.1	2031.2	2028.2
-42.5°	1843.8	1840.0	1835.3	1836.4	1835.3	1840.0	1843.8	1839.3	1844.1	1835.8	1816.5
-45°	1693.4	1690.0	1686.4	1686.6	1686.4	1690.0	1693.4	1689.2	1687.0	1680.1	1664.7
-47.5°	1568.2	1569.3	1569.5	1569.4	1569.5	1569.3	1568.2	1562.5	1558.5	1553.1	1539.7
-50°	1462.2	1462.6	1462.5	1462.0	1462.5	1462.6	1462.2	1457.4	1450.7	1443.7	1430.7
-52.5°	1369.4	1373.0	1374.6	1374.1	1374.6	1373.0	1369.4	1362.4	1353.0	1343.9	1329.6
-55°	1280.6	1285.1	1286.8	1286.1	1286.8	1285.1	1280.6	1273.1	1262.9	1252.7	1238.8
-57.5°	1196.6	1202.9	1202.8	1198.2	1202.8	1202.9	1196.6	1187.8	1176.6	1165.1	1151.1
-60°	1105.8	1111.9	1112.9	1110.3	1112.9	1111.9	1105.8	1097.2	1086.3	1074.1	1059.7
-62.5°	1009.0	1014.7	1018.0	1019.1	1018.0	1014.7	1009.0	1001.1	990.7	978.4	963.6
-65°	910.9	917.1	920.5	921.5	920.5	917.1	910.9	902.6	892.3	880.1	866.2
-67.5°	807.7	813.4	817.8	820.5	817.8	813.4	807.7	800.1	790.5	779.4	767.0
-70°	703.1	709.3	709.2	706.6	709.2	709.3	703.1	695.2	685.8	675.3	664.4
-72.5°	591.1	595.8	596.8	595.9	596.8	595.8	591.1	585.1	577.8	569.7	561.1
-75°	478.0	479.5	479.7	478.6	479.7	479.5	478.0	475.0	470.7	464.8	457.9
-77.5°	370.0	372.4	373.9	374.4	373.9	372.4	370.0	366.6	362.5	358.0	355.0
-80°	269.2	269.1	268.4	267.0	268.4	269.1	269.2	268.5	267.3	265.4	263.6
-82.5°	187.6	188.0	188.7	188.9	188.7	188.0	187.6	186.9	185.7	184.2	183.5
-85°	107.9	106.9	108.9	110.7	108.9	106.9	107.9	108.6	109.0	109.1	108.2
-87.5°	39.6	39.0	40.7	42.3	40.7	39.0	39.6	40.1	40.5	40.9	41.1
-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: P559246 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	41.3	41.4	41.3	42.6	43.8	44.7	45.4	43.9	42.4	40.8	39.2
85°	107.0	105.5	103.8	102.2	100.5	98.8	97.0	95.5	93.5	90.9	87.8
82.5°	182.3	180.5	178.0	173.4	168.4	163.1	157.9	155.1	151.9	148.1	144.0
80°	261.3	258.4	254.8	250.0	244.0	236.9	229.1	223.3	216.6	210.0	204.8
77.5°	351.1	346.1	340.3	334.1	326.9	318.6	310.0	302.3	294.0	284.5	276.3
75°	450.2	441.7	433.2	425.1	415.9	405.7	395.9	387.0	376.4	363.9	354.1
72.5°	551.1	539.7	528.2	517.3	505.7	493.0	482.8	473.7	461.9	447.2	437.4
70°	652.1	638.4	624.5	610.0	594.4	578.2	568.6	560.3	549.3	534.4	525.5
67.5°	752.8	736.9	721.7	705.5	687.4	667.3	657.2	646.2	633.7	618.7	614.8
65°	850.7	833.5	819.2	802.1	782.4	760.6	751.7	739.7	724.3	707.9	705.4
62.5°	946.1	925.9	912.2	895.9	876.4	858.5	849.5	836.0	818.3	806.3	804.5
60°	1042.7	1024.9	1009.9	991.7	970.3	956.5	948.7	934.8	914.7	909.8	907.6
57.5°	1134.4	1118.9	1105.3	1087.7	1066.2	1059.5	1051.8	1037.1	1016.4	1019.3	1014.5
55°	1221.2	1209.6	1198.4	1182.0	1162.1	1164.2	1158.2	1143.8	1131.5	1135.3	1129.5
52.5°	1310.6	1305.6	1295.6	1277.6	1269.2	1274.2	1267.1	1253.0	1255.5	1259.7	1250.3
50°	1415.4	1412.5	1402.2	1384.7	1389.5	1393.9	1388.2	1370.7	1387.4	1391.2	1378.9
47.5°	1533.2	1532.8	1519.6	1504.1	1523.2	1526.7	1519.7	1520.9	1535.3	1531.3	1516.2
45°	1670.0	1671.3	1657.8	1660.0	1673.2	1676.1	1662.6	1687.7	1696.7	1688.4	1661.4
42.5°	1835.7	1833.8	1818.6	1842.3	1849.9	1845.7	1850.1	1876.2	1876.5	1857.7	1859.1
40°	2043.9	2032.0	2035.3	2057.4	2060.8	2037.7	2079.6	2089.7	2080.5	2045.4	2094.7
37.5°	2308.4	2285.8	2314.1	2320.6	2310.3	2322.8	2352.7	2346.5	2307.1	2341.7	2372.3
35°	2642.9	2635.2	2662.1	2653.6	2612.5	2680.0	2688.9	2646.7	2632.4	2695.6	2691.9
32.5°	3060.9	3105.3	3100.5	3062.2	3087.4	3102.0	3082.0	3010.9	3101.9	3126.0	3070.3
30°	3684.3	3706.0	3658.5	3634.6	3679.1	3629.4	3527.2	3631.1	3670.6	3621.4	3498.0
27.5°	4533.8	4470.9	4384.1	4439.6	4387.8	4268.7	4304.9	4357.5	4311.6	4192.9	4053.0
25°	5614.8	5437.3	5481.3	5443.3	5272.0	5240.1	5293.3	5233.7	5067.9	4890.1	5085.7
22.5°	6972.9	6907.4	6835.4	6620.3	6568.1	6583.1	6454.5	6214.9	6069.2	6255.9	6261.9
20°	8798.2	8684.7	8437.3	8345.3	8298.5	8075.9	7752.9	7720.0	7872.9	7794.4	7558.1
17.5°	10988.3	10690.3	10638.8	10494.5	10220.4	9783.8	9949.4	10006.6	9860.8	9453.5	8957.4
15°	13349.7	13521.1	13371.9	12930.4	12669.0	12866.0	12769.5	12450.9	12009.0	11263.7	10419.3
12.5°	17224.9	16973.3	16345.3	16576.0	16511.0	16271.8	15783.8	15082.8	14165.3	12958.0	11741.6
10°	21722.3	21540.7	21358.0	21054.5	20555.2	19845.6	18660.0	17343.1	15972.3	14548.5	13070.8
7.5°	27582.9	27092.4	26467.7	25353.4	23960.4	22524.4	21021.3	19450.0	17776.1	16114.7	14388.2
5°	32914.7	31472.8	30001.7	28472.5	26783.9	25065.7	23331.4	21520.6	19548.3	17635.3	15665.2
2.5°	36276.0	34775.2	33154.0	31387.1	29213.6	27019.3	24825.6	22632.6	20284.4	18072.7	15862.2
0°	37770.3	36021.8	34019.3	32029.9	29861.3	27572.3	25117.2	22867.3	20464.3	18214.4	15974.2
-2.5°	36276.0	34775.2	33154.0	31387.1	29213.6	27019.3	24825.6	22632.6	20284.4	18072.7	15862.2
-5°	32914.7	31472.8	30001.7	28472.5	26783.9	25065.7	23331.4	21520.6	19548.3	17635.3	15665.2
-7.5°	27582.9	27092.4	26467.7	25353.4	23960.4	22524.4	21021.3	19450.0	17776.1	16114.7	14388.2
-10°	21722.3	21540.7	21358.0	21054.5	20555.2	19845.6	18660.0	17343.1	15972.3	14548.5	13070.8
-12.5°	17224.9	16973.3	16345.3	16576.0	16511.0	16271.8	15783.8	15082.8	14165.3	12958.0	11741.6
-15°	13349.7	13521.1	13371.9	12930.4	12669.0	12866.0	12769.5	12450.9	12009.0	11263.7	10419.3
-17.5°	10988.3	10690.3	10638.8	10494.5	10220.4	9783.8	9949.4	10006.6	9860.8	9453.5	8957.4
-20°	8798.2	8684.7	8437.3	8345.3	8298.5	8075.9	7752.9	7720.0	7872.9	7794.4	7558.1



REPORT NUMBER: P559246 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6972.9	6907.4	6835.4	6620.3	6568.1	6583.1	6454.5	6214.9	6069.2	6255.9	6261.9
-25°	5614.8	5437.3	5481.3	5443.3	5272.0	5240.1	5293.3	5233.7	5067.9	4890.1	5085.7
-27.5°	4533.8	4470.9	4384.1	4439.6	4387.8	4268.7	4304.9	4357.5	4311.6	4192.9	4053.0
-30°	3684.3	3706.0	3658.5	3634.6	3679.1	3629.4	3527.2	3631.1	3670.6	3621.4	3498.0
-32.5°	3060.9	3105.3	3100.5	3062.2	3087.4	3102.0	3082.0	3010.9	3101.9	3126.0	3070.3
-35°	2642.9	2635.2	2662.1	2653.6	2612.5	2680.0	2688.9	2646.7	2632.4	2695.6	2691.9
-37.5°	2308.4	2285.8	2314.1	2320.6	2310.3	2322.8	2352.7	2346.5	2307.1	2341.7	2372.3
-40°	2043.9	2032.0	2035.3	2057.4	2060.8	2037.7	2079.6	2089.7	2080.5	2045.4	2094.7
-42.5°	1835.7	1833.8	1818.6	1842.3	1849.9	1845.7	1850.1	1876.2	1876.5	1857.7	1859.1
-45°	1670.0	1671.3	1657.8	1660.0	1673.2	1676.1	1662.6	1687.7	1696.7	1688.4	1661.4
-47.5°	1533.2	1532.8	1519.6	1504.1	1523.2	1526.7	1519.7	1520.9	1535.3	1531.3	1516.2
-50°	1415.4	1412.5	1402.2	1384.7	1389.5	1393.9	1388.2	1370.7	1387.4	1391.2	1378.9
-52.5°	1310.6	1305.6	1295.6	1277.6	1269.2	1274.2	1267.1	1253.0	1255.5	1259.7	1250.3
-55°	1221.2	1209.6	1198.4	1182.0	1162.1	1164.2	1158.2	1143.8	1131.5	1135.3	1129.5
-57.5°	1134.4	1118.9	1105.3	1087.7	1066.2	1059.5	1051.8	1037.1	1016.4	1019.3	1014.5
-60°	1042.7	1024.9	1009.9	991.7	970.3	956.5	948.7	934.8	914.7	909.8	907.6
-62.5°	946.1	925.9	912.2	895.9	876.4	858.5	849.5	836.0	818.3	806.3	804.5
-65°	850.7	833.5	819.2	802.1	782.4	760.6	751.7	739.7	724.3	707.9	705.4
-67.5°	752.8	736.9	721.7	705.5	687.4	667.3	657.2	646.2	633.7	618.7	614.8
-70°	652.1	638.4	624.5	610.0	594.4	578.2	568.6	560.3	549.3	534.4	525.5
-72.5°	551.1	539.7	528.2	517.3	505.7	493.0	482.8	473.7	461.9	447.2	437.4
-75°	450.2	441.7	433.2	425.1	415.9	405.7	395.9	387.0	376.4	363.9	354.1
-77.5°	351.1	346.1	340.3	334.1	326.9	318.6	310.0	302.3	294.0	284.5	276.3
-80°	261.3	258.4	254.8	250.0	244.0	236.9	229.1	223.3	216.6	210.0	204.8
-82.5°	182.3	180.5	178.0	173.4	168.4	163.1	157.9	155.1	151.9	148.1	144.0
-85°	107.0	105.5	103.8	102.2	100.5	98.8	97.0	95.5	93.5	90.9	87.8
-87.5°	41.3	41.4	41.3	42.6	43.8	44.7	45.4	43.9	42.4	40.8	39.2
-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: P559246 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	38.0	36.6	35.2	33.6	31.9	30.1	28.2	26.2	24.3	22.3	20.1
85°	84.8	81.2	76.9	72.0	66.7	60.2	56.4	52.3	48.6	44.5	40.1
82.5°	140.2	135.7	130.5	124.5	119.3	112.4	103.6	93.1	81.3	68.2	60.2
80°	203.1	199.0	192.5	183.8	174.9	164.8	154.9	142.6	127.5	110.9	92.5
77.5°	272.8	266.9	258.8	249.5	238.1	225.0	210.0	193.1	173.7	153.4	131.1
75°	348.4	341.6	332.3	319.6	303.6	285.4	267.2	247.0	223.7	196.4	169.5
72.5°	431.1	421.4	408.4	391.5	372.8	351.2	326.7	301.1	275.1	244.5	209.3
70°	516.8	504.1	488.8	470.7	446.7	417.5	389.3	360.5	326.8	292.6	253.3
67.5°	605.4	591.1	572.3	552.2	526.8	494.3	454.2	421.7	385.6	340.9	297.3
65°	697.5	681.5	658.4	638.2	609.7	573.5	530.6	487.4	444.9	396.6	341.0
62.5°	794.4	776.5	754.5	728.3	695.6	656.0	608.5	562.3	506.9	452.5	390.1
60°	896.9	877.4	854.8	826.7	787.3	740.2	691.6	637.7	577.2	508.7	441.4
57.5°	1002.7	981.4	962.7	930.0	885.7	830.6	778.1	719.2	647.7	571.6	492.6
55°	1112.5	1092.6	1075.7	1040.6	989.1	927.0	872.3	805.3	720.9	636.0	543.6
52.5°	1229.9	1215.9	1195.4	1156.4	1099.8	1033.5	979.1	893.7	803.7	700.3	600.8
50°	1353.6	1353.2	1326.3	1279.2	1214.5	1159.6	1091.3	998.8	888.0	768.2	659.0
47.5°	1506.1	1503.9	1472.3	1411.0	1336.9	1295.4	1218.3	1109.5	973.6	845.7	717.4
45°	1679.5	1667.8	1629.0	1560.5	1494.2	1449.6	1355.5	1224.0	1077.9	925.1	776.0
42.5°	1871.9	1851.0	1797.2	1717.4	1690.5	1620.1	1500.0	1354.5	1184.9	1004.4	840.9
40°	2097.1	2053.1	1978.8	1938.5	1910.5	1804.8	1666.9	1491.8	1294.0	1089.2	909.6
37.5°	2346.3	2281.8	2182.7	2213.3	2155.2	2024.6	1845.4	1633.6	1408.2	1185.3	977.5
35°	2637.8	2536.9	2539.2	2534.7	2435.6	2259.6	2033.1	1787.1	1534.7	1281.1	1044.3
32.5°	2956.7	2930.4	2975.3	2902.6	2742.3	2509.1	2243.3	1956.1	1662.8	1376.2	1110.0
30°	3409.3	3517.6	3469.8	3307.2	3081.2	2795.1	2468.9	2129.0	1792.1	1470.3	1177.7
27.5°	4189.9	4186.2	4026.5	3774.6	3461.3	3098.5	2697.1	2304.9	1922.0	1568.7	1254.3
25°	5071.0	4944.8	4670.3	4289.1	3864.4	3402.2	2929.0	2483.6	2063.2	1674.8	1328.7
22.5°	6077.4	5771.2	5368.2	4837.0	4263.2	3714.6	3176.0	2678.8	2209.2	1778.9	1400.5
20°	7165.6	6652.5	6098.6	5374.1	4693.4	4054.7	3437.5	2872.4	2353.3	1880.3	1469.3
17.5°	8331.1	7562.0	6794.2	5955.8	5145.1	4397.8	3698.5	3062.8	2494.0	1978.3	1534.8
15°	9460.2	8471.4	7510.2	6541.6	5598.5	4740.1	3956.2	3248.4	2630.4	2072.1	1586.3
12.5°	10573.2	9393.3	8236.3	7124.5	6048.4	5077.7	4208.0	3427.4	2761.1	2139.4	1619.8
10°	11684.2	10314.9	8961.8	7697.4	6489.0	5406.4	4450.8	3567.1	2822.7	2182.4	1647.6
7.5°	12778.3	11222.3	9675.0	8252.3	6868.6	5621.3	4554.6	3630.3	2863.3	2217.1	1669.6
5°	13671.1	11814.4	9999.5	8416.9	6975.2	5706.6	4618.7	3679.3	2891.3	2243.3	1685.6
2.5°	13791.7	11911.7	10047.9	8481.9	7046.4	5764.9	4661.2	3713.3	2907.1	2260.9	1695.7
0°	13838.3	11943.2	10041.7	8501.6	7081.9	5795.8	4682.2	3731.4	2910.9	2269.5	1699.7
-2.5°	13791.7	11911.7	10047.9	8481.9	7046.4	5764.9	4661.2	3713.3	2907.1	2260.9	1695.7
-5°	13671.1	11814.4	9999.5	8416.9	6975.2	5706.6	4618.7	3679.3	2891.3	2243.3	1685.6
-7.5°	12778.3	11222.3	9675.0	8252.3	6868.6	5621.3	4554.6	3630.3	2863.3	2217.1	1669.6
-10°	11684.2	10314.9	8961.8	7697.4	6489.0	5406.4	4450.8	3567.1	2822.7	2182.4	1647.6
-12.5°	10573.2	9393.3	8236.3	7124.5	6048.4	5077.7	4208.0	3427.4	2761.1	2139.4	1619.8
-15°	9460.2	8471.4	7510.2	6541.6	5598.5	4740.1	3956.2	3248.4	2630.4	2072.1	1586.3
-17.5°	8331.1	7562.0	6794.2	5955.8	5145.1	4397.8	3698.5	3062.8	2494.0	1978.3	1534.8
-20°	7165.6	6652.5	6098.6	5374.1	4693.4	4054.7	3437.5	2872.4	2353.3	1880.3	1469.3



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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°	6077.4	5771.2	5368.2	4837.0	4263.2	3714.6	3176.0	2678.8	2209.2	1778.9	1400.5
-25°	5071.0	4944.8	4670.3	4289.1	3864.4	3402.2	2929.0	2483.6	2063.2	1674.8	1328.7
-27.5°	4189.9	4186.2	4026.5	3774.6	3461.3	3098.5	2697.1	2304.9	1922.0	1568.7	1254.3
-30°	3409.3	3517.6	3469.8	3307.2	3081.2	2795.1	2468.9	2129.0	1792.1	1470.3	1177.7
-32.5°	2956.7	2930.4	2975.3	2902.6	2742.3	2509.1	2243.3	1956.1	1662.8	1376.2	1110.0
-35°	2637.8	2536.9	2539.2	2534.7	2435.6	2259.6	2033.1	1787.1	1534.7	1281.1	1044.3
-37.5°	2346.3	2281.8	2182.7	2213.3	2155.2	2024.6	1845.4	1633.6	1408.2	1185.3	977.5
-40°	2097.1	2053.1	1978.8	1938.5	1910.5	1804.8	1666.9	1491.8	1294.0	1089.2	909.6
-42.5°	1871.9	1851.0	1797.2	1717.4	1690.5	1620.1	1500.0	1354.5	1184.9	1004.4	840.9
-45°	1679.5	1667.8	1629.0	1560.5	1494.2	1449.6	1355.5	1224.0	1077.9	925.1	776.0
-47.5°	1506.1	1503.9	1472.3	1411.0	1336.9	1295.4	1218.3	1109.5	973.6	845.7	717.4
-50°	1353.6	1353.2	1326.3	1279.2	1214.5	1159.6	1091.3	998.8	888.0	768.2	659.0
-52.5°	1229.9	1215.9	1195.4	1156.4	1099.8	1033.5	979.1	893.7	803.7	700.3	600.8
-55°	1112.5	1092.6	1075.7	1040.6	989.1	927.0	872.3	805.3	720.9	636.0	543.6
-57.5°	1002.7	981.4	962.7	930.0	885.7	830.6	778.1	719.2	647.7	571.6	492.6
-60°	896.9	877.4	854.8	826.7	787.3	740.2	691.6	637.7	577.2	508.7	441.4
-62.5°	794.4	776.5	754.5	728.3	695.6	656.0	608.5	562.3	506.9	452.5	390.1
-65°	697.5	681.5	658.4	638.2	609.7	573.5	530.6	487.4	444.9	396.6	341.0
-67.5°	605.4	591.1	572.3	552.2	526.8	494.3	454.2	421.7	385.6	340.9	297.3
-70°	516.8	504.1	488.8	470.7	446.7	417.5	389.3	360.5	326.8	292.6	253.3
-72.5°	431.1	421.4	408.4	391.5	372.8	351.2	326.7	301.1	275.1	244.5	209.3
-75°	348.4	341.6	332.3	319.6	303.6	285.4	267.2	247.0	223.7	196.4	169.5
-77.5°	272.8	266.9	258.8	249.5	238.1	225.0	210.0	193.1	173.7	153.4	131.1
-80°	203.1	199.0	192.5	183.8	174.9	164.8	154.9	142.6	127.5	110.9	92.5
-82.5°	140.2	135.7	130.5	124.5	119.3	112.4	103.6	93.1	81.3	68.2	60.2
-85°	84.8	81.2	76.9	72.0	66.7	60.2	56.4	52.3	48.6	44.5	40.1
-87.5°	38.0	36.6	35.2	33.6	31.9	30.1	28.2	26.2	24.3	22.3	20.1
-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):

	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°	17.7	15.7	13.3	10.5	7.4	3.7	0.0
85°	35.4	31.4	26.6	21.0	14.7	7.4	0.0
82.5°	53.1	47.0	39.8	31.5	22.1	11.1	0.0
80°	72.8	62.7	53.1	42.0	29.4	14.7	0.0
77.5°	107.1	83.2	66.3	52.4	36.6	18.3	0.0
75°	141.3	112.7	81.5	62.8	43.8	21.9	0.0
72.5°	175.4	142.1	105.7	73.0	50.9	25.5	0.0
70°	210.0	171.3	129.8	84.9	57.9	29.0	0.0
67.5°	249.6	200.2	153.6	103.2	64.8	32.4	0.0
65°	289.0	231.6	177.2	121.4	71.5	35.8	0.0
62.5°	328.2	265.5	200.5	139.2	78.1	39.1	0.0
60°	367.2	299.0	223.4	156.8	84.6	42.3	0.0
57.5°	411.5	332.2	250.4	174.1	96.1	45.5	0.0
55°	455.9	365.0	277.3	191.0	107.3	48.6	0.0
52.5°	499.8	398.2	303.6	207.5	118.3	51.6	0.0
50°	543.0	434.5	329.5	223.6	128.9	54.4	0.0
47.5°	586.7	470.1	354.8	240.2	139.2	57.2	0.0
45°	637.3	504.9	379.6	258.8	149.1	59.9	0.0
42.5°	687.4	538.7	403.7	276.8	158.7	62.4	0.0
40°	737.1	571.7	428.5	293.6	167.8	64.9	0.0
37.5°	786.2	603.6	453.8	309.3	176.6	67.2	0.0
35°	834.6	639.9	478.0	324.0	184.9	69.4	0.0
32.5°	884.1	677.8	501.3	337.6	192.8	71.4	0.0
30°	937.0	714.6	523.5	350.3	200.2	73.3	0.0
27.5°	988.2	750.0	542.0	361.9	207.1	75.1	0.0
25°	1037.4	783.9	559.0	372.5	213.6	76.8	0.0
22.5°	1084.4	814.2	574.8	382.0	219.5	78.2	0.0
20°	1129.1	837.3	589.2	390.5	224.9	79.6	0.0
17.5°	1162.7	857.5	602.3	397.8	229.7	80.8	0.0
15°	1187.8	875.0	614.0	404.2	234.0	81.8	0.0
12.5°	1209.3	889.7	624.2	409.4	237.7	82.7	0.0
10°	1227.1	901.5	632.9	413.6	240.9	83.4	0.0
7.5°	1241.1	910.6	640.0	416.7	243.4	84.0	0.0
5°	1251.3	916.9	645.4	418.8	245.4	84.4	0.0
2.5°	1257.7	920.5	649.2	419.9	246.8	84.6	0.0
0°	1260.1	921.5	651.2	420.0	247.5	84.7	0.0
-2.5°	1257.7	920.5	649.2	419.9	246.8	84.6	0.0
-5°	1251.3	916.9	645.4	418.8	245.4	84.4	0.0
-7.5°	1241.1	910.6	640.0	416.7	243.4	84.0	0.0
-10°	1227.1	901.5	632.9	413.6	240.9	83.4	0.0
-12.5°	1209.3	889.7	624.2	409.4	237.7	82.7	0.0
-15°	1187.8	875.0	614.0	404.2	234.0	81.8	0.0
-17.5°	1162.7	857.5	602.3	397.8	229.7	80.8	0.0
-20°	1129.1	837.3	589.2	390.5	224.9	79.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	1084.4	814.2	574.8	382.0	219.5	78.2	0.0
-25°	1037.4	783.9	559.0	372.5	213.6	76.8	0.0
-27.5°	988.2	750.0	542.0	361.9	207.1	75.1	0.0
-30°	937.0	714.6	523.5	350.3	200.2	73.3	0.0
-32.5°	884.1	677.8	501.3	337.6	192.8	71.4	0.0
-35°	834.6	639.9	478.0	324.0	184.9	69.4	0.0
-37.5°	786.2	603.6	453.8	309.3	176.6	67.2	0.0
-40°	737.1	571.7	428.5	293.6	167.8	64.9	0.0
-42.5°	687.4	538.7	403.7	276.8	158.7	62.4	0.0
-45°	637.3	504.9	379.6	258.8	149.1	59.9	0.0
-47.5°	586.7	470.1	354.8	240.2	139.2	57.2	0.0
-50°	543.0	434.5	329.5	223.6	128.9	54.4	0.0
-52.5°	499.8	398.2	303.6	207.5	118.3	51.6	0.0
-55°	455.9	365.0	277.3	191.0	107.3	48.6	0.0
-57.5°	411.5	332.2	250.4	174.1	96.1	45.5	0.0
-60°	367.2	299.0	223.4	156.8	84.6	42.3	0.0
-62.5°	328.2	265.5	200.5	139.2	78.1	39.1	0.0
-65°	289.0	231.6	177.2	121.4	71.5	35.8	0.0
-67.5°	249.6	200.2	153.6	103.2	64.8	32.4	0.0
-70°	210.0	171.3	129.8	84.9	57.9	29.0	0.0
-72.5°	175.4	142.1	105.7	73.0	50.9	25.5	0.0
-75°	141.3	112.7	81.5	62.8	43.8	21.9	0.0
-77.5°	107.1	83.2	66.3	52.4	36.6	18.3	0.0
-80°	72.8	62.7	53.1	42.0	29.4	14.7	0.0
-82.5°	53.1	47.0	39.8	31.5	22.1	11.1	0.0
-85°	35.4	31.4	26.6	21.0	14.7	7.4	0.0
-87.5°	17.7	15.7	13.3	10.5	7.4	3.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)