

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: P558894 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-935-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558894 (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-SA4B-935-U-NAT-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (64) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

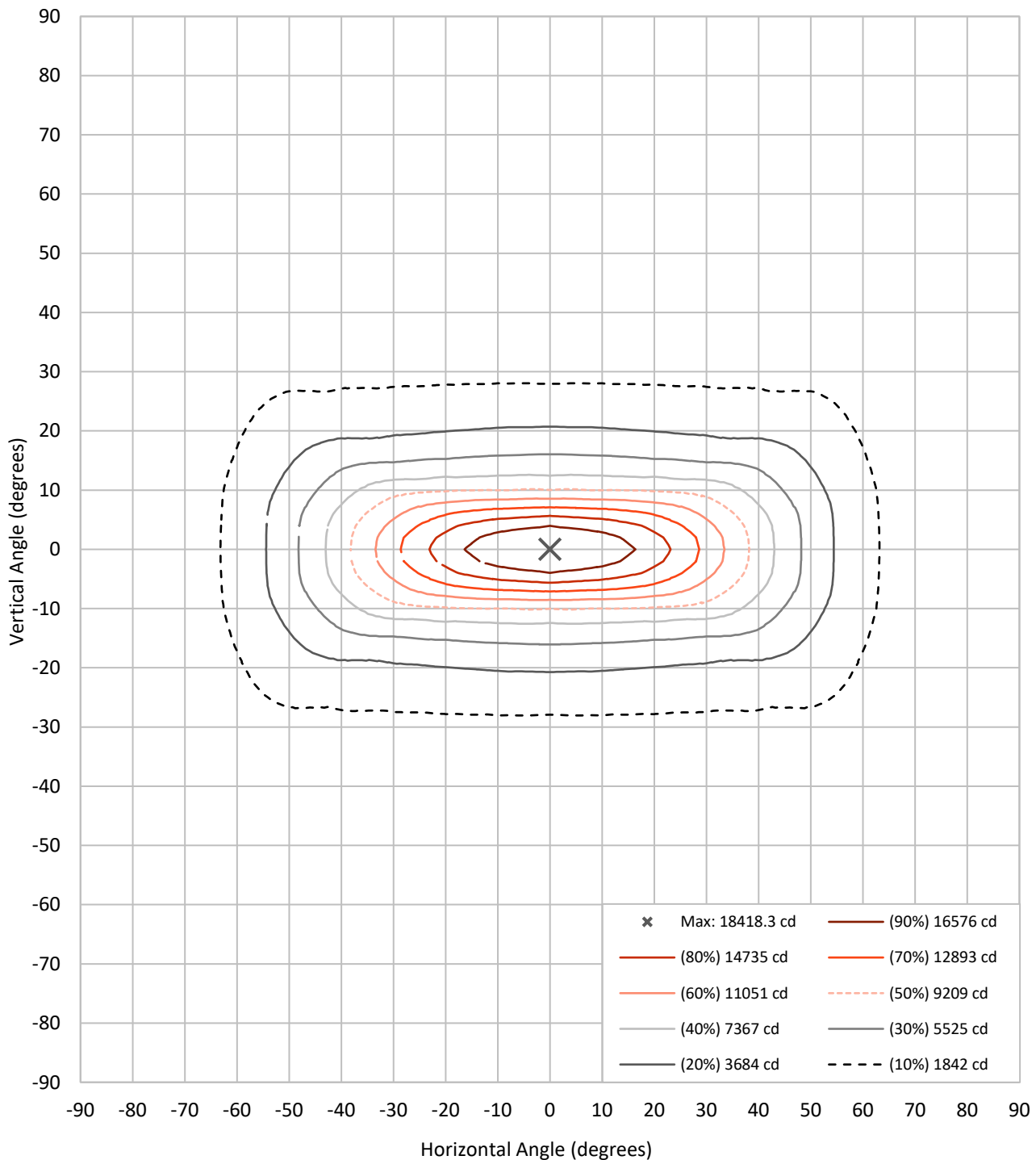
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	13190.9 lumens	Max Intensity:	18418.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	104.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	5277.6 lumens	Field Lumens:	10811.3 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 126
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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CATALOG NUMBER: GFLD-SA4B-935-U-NAT-XX

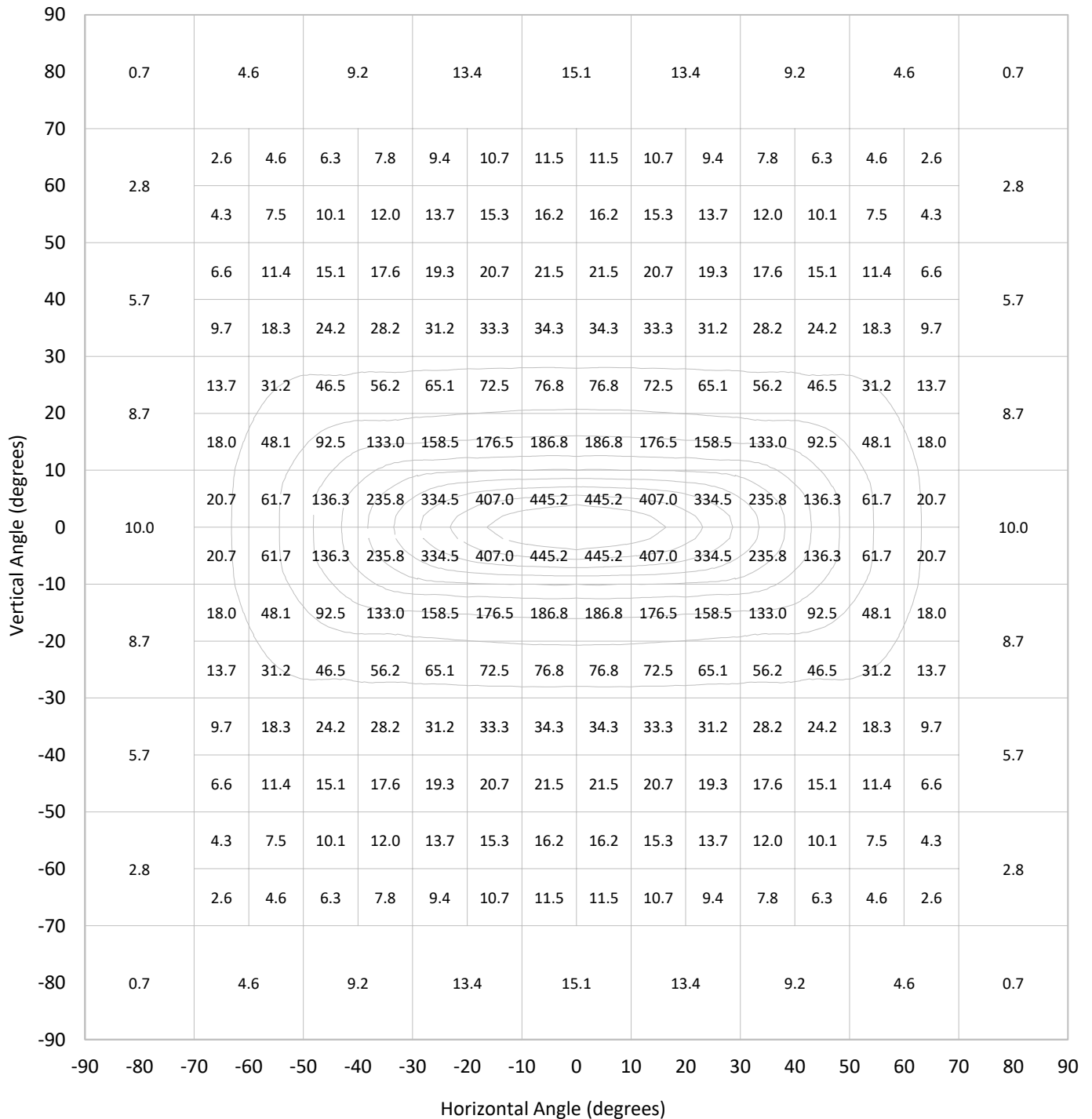
Iso-Candela Plot





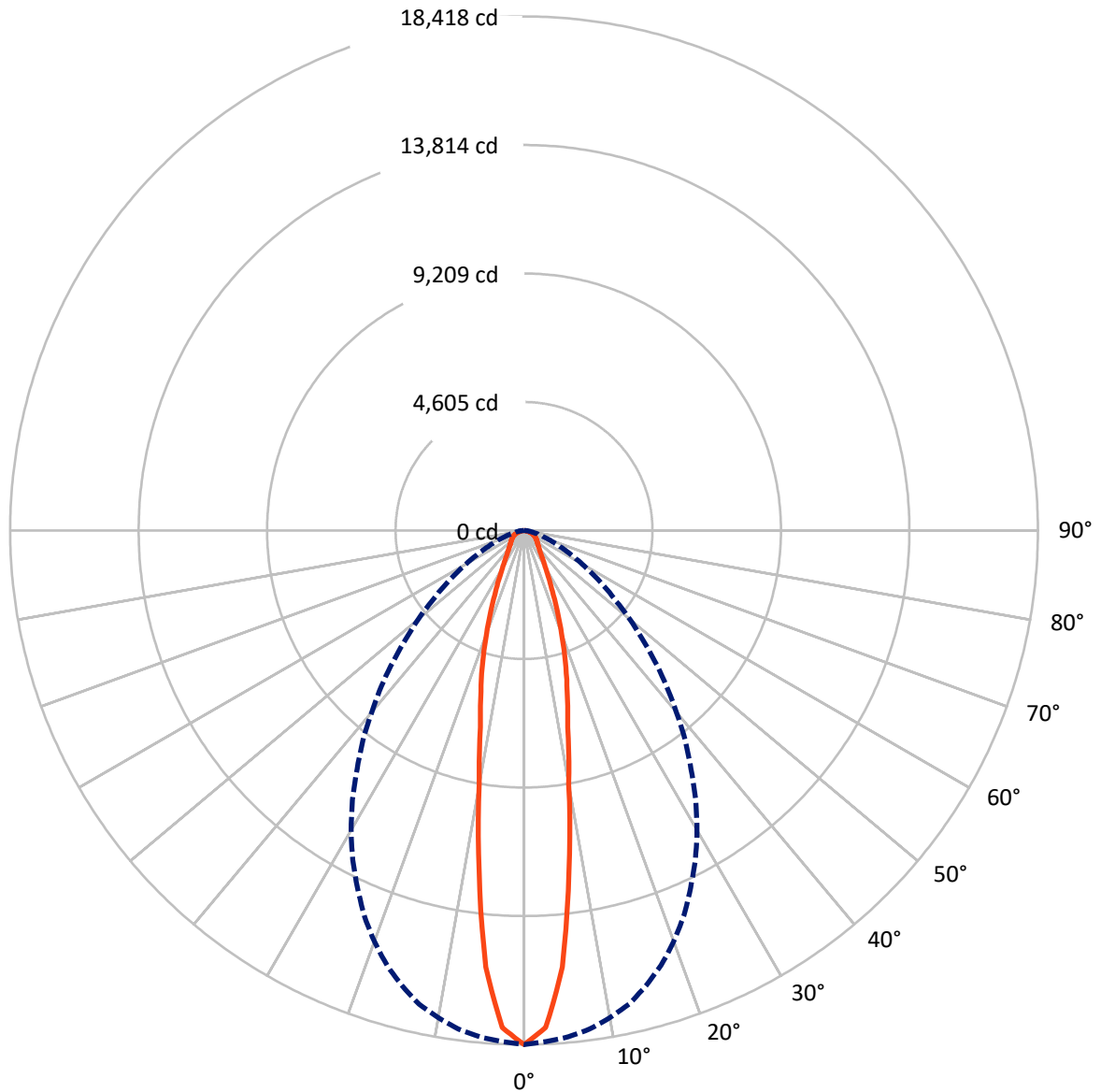
REPORT NUMBER: P558894 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-935-U-NAT-XX

Lumen Table



REPORT NUMBER: P558894 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-935-U-NAT-XX

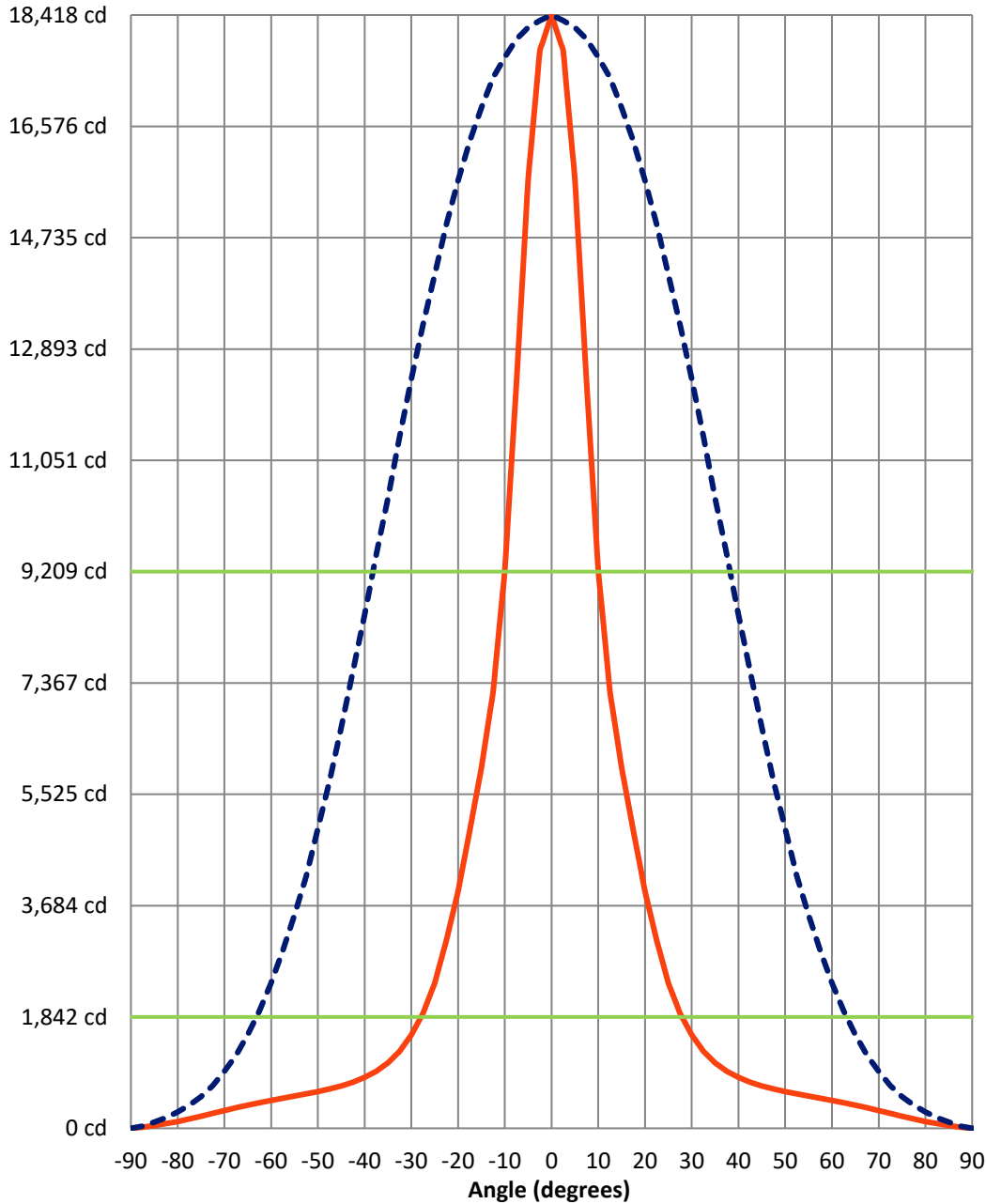
Luminous Intensity Polar Plot



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

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CATALOG NUMBER: GFLD-SA4B-935-U-NAT-XX

Luminous Intensity Plot



Beam:
H Angle: 76.4°
V Angle: 20°
Lumens: 5277.6
Efficiency: 40.0%

Field:
H Angle: 126.3°
V Angle: 55.8°
Lumens: 10811.3
Efficiency: 82.0%

Spill:
Lumens: 2379.6
Efficiency: 18.0%

— Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 0-Deg



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 CATALOG NUMBER: GFLD-SA4B-935-U-NAT-XX

FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.5	3.1	4.4	5.5	6.5	7.4	8.3	9.3	10.1	10.9
85°	0.0	3.1	6.1	8.7	11.0	13.0	14.7	16.7	18.5	20.2	21.7
82.5°	0.0	4.6	9.2	13.1	16.5	19.5	22.1	25.0	28.3	33.7	38.7
80°	0.0	6.1	12.2	17.4	22.0	26.0	30.2	38.4	46.0	52.9	59.2
77.5°	0.0	7.6	15.2	21.7	27.5	34.5	44.5	54.4	63.7	72.1	80.1
75°	0.0	9.1	18.1	26.0	33.8	46.8	58.7	70.4	81.5	92.8	102.5
72.5°	0.0	10.6	21.1	30.3	43.9	59.0	72.8	86.9	101.5	114.2	124.9
70°	0.0	12.0	24.0	35.2	53.9	71.1	87.2	105.2	121.5	135.6	149.6
67.5°	0.0	13.4	26.8	42.8	63.8	83.1	103.6	123.4	141.5	160.1	175.0
65°	0.0	14.8	29.6	50.3	73.5	96.2	120.0	141.6	164.6	184.7	202.3
62.5°	0.0	16.2	32.4	57.8	83.2	110.2	136.2	161.9	187.8	210.4	233.4
60°	0.0	17.5	35.1	65.1	92.8	124.1	152.4	183.2	211.2	239.6	264.7
57.5°	0.0	18.9	39.8	72.2	104.0	137.9	170.8	204.5	237.2	268.8	298.5
55°	0.0	20.1	44.5	79.3	115.1	151.5	189.2	225.6	264.0	299.2	334.3
52.5°	0.0	21.4	49.1	86.1	126.0	165.3	207.4	249.3	290.6	333.6	370.9
50°	0.0	22.6	53.5	92.9	136.8	180.3	225.4	273.5	318.8	368.6	414.6
47.5°	0.0	23.7	57.7	99.7	147.3	195.1	243.5	297.8	351.0	404.1	460.5
45°	0.0	24.8	61.9	107.4	157.5	209.5	264.5	322.1	384.0	447.4	508.1
42.5°	0.0	25.9	65.8	114.9	167.5	223.6	285.3	349.0	416.9	491.8	562.2
40°	0.0	26.9	69.6	121.9	177.8	237.3	305.9	377.5	452.1	537.1	619.2
37.5°	0.0	27.8	73.3	128.4	188.3	250.5	326.3	405.7	492.0	584.5	678.1
35°	0.0	28.7	76.7	134.5	198.4	265.6	346.4	433.5	531.8	637.0	741.8
32.5°	0.0	29.6	80.0	140.1	208.1	281.3	366.9	460.7	571.2	690.2	811.9
30°	0.0	30.4	83.1	145.4	217.3	296.6	388.9	488.9	610.3	743.9	883.7
27.5°	0.0	31.1	86.0	150.2	225.0	311.3	410.2	520.7	651.1	797.7	956.7
25°	0.0	31.8	88.6	154.6	232.0	325.4	430.6	551.5	695.2	856.4	1030.9
22.5°	0.0	32.4	91.1	158.5	238.6	337.9	450.1	581.3	738.4	917.0	1111.9
20°	0.0	33.0	93.3	162.0	244.6	347.5	468.7	609.9	780.4	976.8	1192.3
17.5°	0.0	33.5	95.3	165.1	250.0	355.9	482.6	637.1	821.1	1035.2	1271.3
15°	0.0	33.9	97.1	167.7	254.8	363.2	493.0	658.4	860.1	1091.8	1348.3
12.5°	0.0	34.3	98.7	169.9	259.1	369.3	502.0	672.4	888.0	1146.0	1422.7
10°	0.0	34.6	100.0	171.6	262.7	374.2	509.3	683.9	905.8	1171.6	1480.6
7.5°	0.0	34.8	101.0	172.9	265.6	378.0	515.2	693.0	920.2	1188.5	1506.9
5°	0.0	35.0	101.8	173.8	267.9	380.6	519.4	699.6	931.1	1200.1	1527.2
2.5°	0.0	35.1	102.4	174.3	269.5	382.1	522.0	703.8	938.4	1206.6	1541.3
0°	0.0	35.1	102.7	174.3	270.3	382.5	523.0	705.5	942.0	1208.2	1548.8
-2.5°	0.0	35.1	102.4	174.3	269.5	382.1	522.0	703.8	938.4	1206.6	1541.3
-5°	0.0	35.0	101.8	173.8	267.9	380.6	519.4	699.6	931.1	1200.1	1527.2
-7.5°	0.0	34.8	101.0	172.9	265.6	378.0	515.2	693.0	920.2	1188.5	1506.9
-10°	0.0	34.6	100.0	171.6	262.7	374.2	509.3	683.9	905.8	1171.6	1480.6
-12.5°	0.0	34.3	98.7	169.9	259.1	369.3	502.0	672.4	888.0	1146.0	1422.7
-15°	0.0	33.9	97.1	167.7	254.8	363.2	493.0	658.4	860.1	1091.8	1348.3
-17.5°	0.0	33.5	95.3	165.1	250.0	355.9	482.6	637.1	821.1	1035.2	1271.3
-20°	0.0	33.0	93.3	162.0	244.6	347.5	468.7	609.9	780.4	976.8	1192.3



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 CATALOG NUMBER: GFLD-SA4B-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	32.4	91.1	158.5	238.6	337.9	450.1	581.3	738.4	917.0	1111.9
-25°	0.0	31.8	88.6	154.6	232.0	325.4	430.6	551.5	695.2	856.4	1030.9
-27.5°	0.0	31.1	86.0	150.2	225.0	311.3	410.2	520.7	651.1	797.7	956.7
-30°	0.0	30.4	83.1	145.4	217.3	296.6	388.9	488.9	610.3	743.9	883.7
-32.5°	0.0	29.6	80.0	140.1	208.1	281.3	366.9	460.7	571.2	690.2	811.9
-35°	0.0	28.7	76.7	134.5	198.4	265.6	346.4	433.5	531.8	637.0	741.8
-37.5°	0.0	27.8	73.3	128.4	188.3	250.5	326.3	405.7	492.0	584.5	678.1
-40°	0.0	26.9	69.6	121.9	177.8	237.3	305.9	377.5	452.1	537.1	619.2
-42.5°	0.0	25.9	65.8	114.9	167.5	223.6	285.3	349.0	416.9	491.8	562.2
-45°	0.0	24.8	61.9	107.4	157.5	209.5	264.5	322.1	384.0	447.4	508.1
-47.5°	0.0	23.7	57.7	99.7	147.3	195.1	243.5	297.8	351.0	404.1	460.5
-50°	0.0	22.6	53.5	92.9	136.8	180.3	225.4	273.5	318.8	368.6	414.6
-52.5°	0.0	21.4	49.1	86.1	126.0	165.3	207.4	249.3	290.6	333.6	370.9
-55°	0.0	20.1	44.5	79.3	115.1	151.5	189.2	225.6	264.0	299.2	334.3
-57.5°	0.0	18.9	39.8	72.2	104.0	137.9	170.8	204.5	237.2	268.8	298.5
-60°	0.0	17.5	35.1	65.1	92.8	124.1	152.4	183.2	211.2	239.6	264.7
-62.5°	0.0	16.2	32.4	57.8	83.2	110.2	136.2	161.9	187.8	210.4	233.4
-65°	0.0	14.8	29.6	50.3	73.5	96.2	120.0	141.6	164.6	184.7	202.3
-67.5°	0.0	13.4	26.8	42.8	63.8	83.1	103.6	123.4	141.5	160.1	175.0
-70°	0.0	12.0	24.0	35.2	53.9	71.1	87.2	105.2	121.5	135.6	149.6
-72.5°	0.0	10.6	21.1	30.3	43.9	59.0	72.8	86.9	101.5	114.2	124.9
-75°	0.0	9.1	18.1	26.0	33.8	46.8	58.7	70.4	81.5	92.8	102.5
-77.5°	0.0	7.6	15.2	21.7	27.5	34.5	44.5	54.4	63.7	72.1	80.1
-80°	0.0	6.1	12.2	17.4	22.0	26.0	30.2	38.4	46.0	52.9	59.2
-82.5°	0.0	4.6	9.2	13.1	16.5	19.5	22.1	25.0	28.3	33.7	38.7
-85°	0.0	3.1	6.1	8.7	11.0	13.0	14.7	16.7	18.5	20.2	21.7
-87.5°	0.0	1.5	3.1	4.4	5.5	6.5	7.4	8.3	9.3	10.1	10.9
-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: P558894 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	11.7	12.5	13.2	13.9	14.6	15.2	15.8	16.3	17.0	17.6	18.2
85°	23.4	25.0	27.7	29.9	31.9	33.7	35.2	36.4	37.7	38.8	39.6
82.5°	43.0	46.6	49.5	51.7	54.2	56.3	58.2	59.8	61.5	63.0	64.4
80°	64.3	68.4	72.6	76.3	79.9	82.6	84.3	85.0	87.2	89.9	92.7
77.5°	87.2	93.4	98.9	103.6	107.4	110.8	113.2	114.7	118.1	122.0	125.4
75°	110.9	118.4	126.0	132.7	137.9	141.8	144.6	147.0	151.1	156.2	160.6
72.5°	135.6	145.8	154.7	162.5	169.5	174.9	178.9	181.5	185.6	191.7	196.6
70°	161.6	173.3	185.4	195.4	202.8	209.2	214.5	218.1	221.8	228.0	232.5
67.5°	188.5	205.2	218.6	229.2	237.5	245.3	251.3	255.2	256.8	263.0	268.2
65°	220.3	238.1	253.1	264.9	273.3	282.9	289.5	292.8	293.9	300.6	307.0
62.5°	252.6	272.3	288.7	302.3	313.2	322.3	329.8	334.0	334.7	339.7	347.0
60°	287.1	307.2	326.8	343.2	354.8	364.2	372.3	376.7	377.6	379.7	388.0
57.5°	323.0	344.8	367.6	386.0	399.6	407.3	416.2	421.1	423.1	421.9	430.5
55°	362.1	384.8	410.6	431.9	446.5	453.5	461.8	468.8	471.2	469.7	474.8
52.5°	406.4	429.0	456.5	480.0	496.2	504.7	510.5	519.0	522.9	521.1	520.1
50°	453.0	481.3	504.1	530.9	550.5	561.7	561.8	572.4	577.4	575.9	568.9
47.5°	505.7	537.7	554.9	585.7	611.1	624.3	625.1	629.3	635.6	637.2	631.3
45°	562.6	601.7	620.2	647.7	676.2	692.2	697.1	689.5	700.8	704.3	700.5
42.5°	622.6	672.4	701.7	712.9	746.0	768.3	776.9	771.6	771.1	778.9	778.8
40°	691.9	749.1	793.0	804.6	821.4	852.2	870.4	869.5	849.0	863.6	867.4
37.5°	766.0	840.3	894.6	918.7	906.0	947.1	973.9	984.7	972.0	957.6	973.9
35°	843.9	937.9	1011.0	1052.1	1053.9	1053.0	1094.9	1117.3	1118.8	1092.6	1098.5
32.5°	931.1	1041.5	1138.3	1204.8	1235.0	1216.3	1227.2	1274.4	1297.5	1287.5	1249.7
30°	1024.8	1160.2	1278.9	1372.7	1440.2	1460.1	1415.1	1451.9	1503.1	1523.5	1507.1
27.5°	1119.5	1286.2	1436.7	1566.7	1671.3	1737.6	1739.1	1682.3	1740.3	1789.6	1808.7
25°	1215.8	1412.2	1604.0	1780.3	1938.5	2052.5	2104.9	2111.0	2029.7	2103.6	2172.4
22.5°	1318.3	1541.9	1769.5	2007.7	2228.2	2395.5	2522.6	2599.2	2596.7	2519.2	2579.7
20°	1426.9	1683.1	1948.1	2230.7	2531.4	2761.3	2974.3	3137.2	3235.3	3267.9	3204.4
17.5°	1535.2	1825.4	2135.6	2472.1	2820.1	3138.9	3458.1	3718.0	3923.9	4093.0	4153.5
15°	1642.2	1967.5	2323.8	2715.3	3117.4	3516.3	3926.7	4324.8	4675.2	4984.7	5168.1
12.5°	1746.7	2107.6	2510.6	2957.2	3418.7	3899.0	4388.7	4873.6	5378.5	5879.7	6260.5
10°	1847.5	2244.1	2693.5	3195.0	3719.8	4281.5	4849.8	5425.4	6038.7	6629.7	7198.7
7.5°	1890.6	2333.3	2851.0	3425.3	4015.9	4658.1	5304.0	5972.2	6688.8	7378.4	8073.2
5°	1917.1	2368.7	2895.3	3493.6	4150.6	4903.9	5674.5	6502.2	7320.0	8114.0	8932.7
2.5°	1934.8	2392.9	2924.8	3520.6	4170.7	4944.2	5724.6	6584.0	7501.5	8419.6	9394.2
0°	1943.5	2405.7	2939.5	3528.8	4168.1	4957.3	5743.9	6630.5	7560.3	8494.2	9491.6
-2.5°	1934.8	2392.9	2924.8	3520.6	4170.7	4944.2	5724.6	6584.0	7501.5	8419.6	9394.2
-5°	1917.1	2368.7	2895.3	3493.6	4150.6	4903.9	5674.5	6502.2	7320.0	8114.0	8932.7
-7.5°	1890.6	2333.3	2851.0	3425.3	4015.9	4658.1	5304.0	5972.2	6688.8	7378.4	8073.2
-10°	1847.5	2244.1	2693.5	3195.0	3719.8	4281.5	4849.8	5425.4	6038.7	6629.7	7198.7
-12.5°	1746.7	2107.6	2510.6	2957.2	3418.7	3899.0	4388.7	4873.6	5378.5	5879.7	6260.5
-15°	1642.2	1967.5	2323.8	2715.3	3117.4	3516.3	3926.7	4324.8	4675.2	4984.7	5168.1
-17.5°	1535.2	1825.4	2135.6	2472.1	2820.1	3138.9	3458.1	3718.0	3923.9	4093.0	4153.5
-20°	1426.9	1683.1	1948.1	2230.7	2531.4	2761.3	2974.3	3137.2	3235.3	3267.9	3204.4



REPORT NUMBER: P558894 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	1318.3	1541.9	1769.5	2007.7	2228.2	2395.5	2522.6	2599.2	2596.7	2519.2	2579.7
-25°	1215.8	1412.2	1604.0	1780.3	1938.5	2052.5	2104.9	2111.0	2029.7	2103.6	2172.4
-27.5°	1119.5	1286.2	1436.7	1566.7	1671.3	1737.6	1739.1	1682.3	1740.3	1789.6	1808.7
-30°	1024.8	1160.2	1278.9	1372.7	1440.2	1460.1	1415.1	1451.9	1503.1	1523.5	1507.1
-32.5°	931.1	1041.5	1138.3	1204.8	1235.0	1216.3	1227.2	1274.4	1297.5	1287.5	1249.7
-35°	843.9	937.9	1011.0	1052.1	1053.9	1053.0	1094.9	1117.3	1118.8	1092.6	1098.5
-37.5°	766.0	840.3	894.6	918.7	906.0	947.1	973.9	984.7	972.0	957.6	973.9
-40°	691.9	749.1	793.0	804.6	821.4	852.2	870.4	869.5	849.0	863.6	867.4
-42.5°	622.6	672.4	701.7	712.9	746.0	768.3	776.9	771.6	771.1	778.9	778.8
-45°	562.6	601.7	620.2	647.7	676.2	692.2	697.1	689.5	700.8	704.3	700.5
-47.5°	505.7	537.7	554.9	585.7	611.1	624.3	625.1	629.3	635.6	637.2	631.3
-50°	453.0	481.3	504.1	530.9	550.5	561.7	561.8	572.4	577.4	575.9	568.9
-52.5°	406.4	429.0	456.5	480.0	496.2	504.7	510.5	519.0	522.9	521.1	520.1
-55°	362.1	384.8	410.6	431.9	446.5	453.5	461.8	468.8	471.2	469.7	474.8
-57.5°	323.0	344.8	367.6	386.0	399.6	407.3	416.2	421.1	423.1	421.9	430.5
-60°	287.1	307.2	326.8	343.2	354.8	364.2	372.3	376.7	377.6	379.7	388.0
-62.5°	252.6	272.3	288.7	302.3	313.2	322.3	329.8	334.0	334.7	339.7	347.0
-65°	220.3	238.1	253.1	264.9	273.3	282.9	289.5	292.8	293.9	300.6	307.0
-67.5°	188.5	205.2	218.6	229.2	237.5	245.3	251.3	255.2	256.8	263.0	268.2
-70°	161.6	173.3	185.4	195.4	202.8	209.2	214.5	218.1	221.8	228.0	232.5
-72.5°	135.6	145.8	154.7	162.5	169.5	174.9	178.9	181.5	185.6	191.7	196.6
-75°	110.9	118.4	126.0	132.7	137.9	141.8	144.6	147.0	151.1	156.2	160.6
-77.5°	87.2	93.4	98.9	103.6	107.4	110.8	113.2	114.7	118.1	122.0	125.4
-80°	64.3	68.4	72.6	76.3	79.9	82.6	84.3	85.0	87.2	89.9	92.7
-82.5°	43.0	46.6	49.5	51.7	54.2	56.3	58.2	59.8	61.5	63.0	64.4
-85°	23.4	25.0	27.7	29.9	31.9	33.7	35.2	36.4	37.7	38.8	39.6
-87.5°	11.7	12.5	13.2	13.9	14.6	15.2	15.8	16.3	17.0	17.6	18.2
-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: P558894 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	18.8	18.5	18.2	17.7	17.1	17.2	17.2	17.1	17.0	16.8	16.6
85°	40.3	41.0	41.7	42.5	43.1	43.8	44.4	44.9	45.3	45.2	45.1
82.5°	65.5	67.7	69.9	72.0	73.9	74.9	75.7	76.2	76.4	77.0	77.5
80°	95.1	98.3	101.3	103.7	105.7	107.2	108.5	109.4	110.1	110.9	111.5
77.5°	128.6	132.2	135.6	138.6	141.2	143.6	145.7	147.4	148.6	150.5	152.2
75°	164.3	168.4	172.6	176.4	179.8	183.3	186.8	190.1	192.9	195.3	197.1
72.5°	200.4	204.6	209.9	214.7	219.3	224.0	228.7	232.9	236.4	239.8	242.8
70°	236.0	240.0	246.7	253.2	259.3	265.0	270.7	275.8	280.3	284.6	288.6
67.5°	272.8	277.0	285.3	292.8	299.6	305.9	312.5	318.4	323.5	328.1	332.1
65°	312.0	315.7	324.7	333.0	340.1	346.0	353.1	359.6	365.3	370.4	374.6
62.5°	352.6	356.3	363.8	371.9	378.6	384.3	392.7	400.0	406.1	411.2	415.5
60°	393.8	397.0	402.7	411.6	419.2	425.4	432.8	439.9	445.9	450.9	455.5
57.5°	436.6	439.8	442.5	451.5	458.8	464.5	470.9	477.8	483.6	488.4	493.0
55°	480.7	483.2	482.4	490.6	497.5	502.1	506.9	514.2	519.9	524.2	528.5
52.5°	525.9	528.9	526.8	530.3	537.7	541.9	544.0	551.9	557.8	561.6	565.5
50°	576.2	578.6	576.7	574.8	582.0	586.3	587.5	593.9	599.2	602.2	604.9
47.5°	630.8	633.7	632.2	624.4	630.8	636.2	636.4	639.1	644.6	646.9	648.5
45°	690.1	695.7	694.5	689.0	688.1	693.7	693.1	690.9	697.4	700.2	701.2
42.5°	767.9	766.1	767.8	764.7	754.8	761.2	762.0	754.0	762.0	765.5	763.5
40°	863.2	845.8	855.4	854.0	844.8	843.4	848.4	841.9	843.1	848.1	844.3
37.5°	976.5	964.1	958.9	963.2	960.5	948.8	958.1	955.9	948.5	956.8	953.1
35°	1116.1	1112.4	1084.4	1101.4	1104.9	1093.8	1097.0	1101.9	1085.8	1098.4	1097.1
32.5°	1279.2	1287.5	1281.5	1271.0	1286.9	1288.9	1270.5	1292.7	1283.8	1286.9	1295.6
30°	1464.0	1506.4	1527.1	1508.6	1518.5	1538.3	1529.3	1544.7	1552.0	1540.5	1562.2
27.5°	1786.9	1771.8	1821.3	1842.8	1819.8	1855.8	1881.9	1870.3	1908.5	1885.9	1918.2
25°	2197.1	2175.0	2188.3	2259.4	2275.2	2256.9	2330.5	2339.2	2369.5	2373.2	2395.8
22.5°	2679.1	2732.5	2726.3	2747.9	2837.2	2867.1	2894.3	2965.2	2949.0	3013.2	3024.4
20°	3218.0	3352.1	3444.5	3463.9	3502.1	3604.8	3651.9	3707.8	3745.3	3806.2	3857.6
17.5°	4129.7	4061.0	4242.2	4356.0	4415.9	4437.3	4561.0	4601.3	4694.3	4747.3	4800.0
15°	5300.3	5340.3	5258.6	5367.1	5550.3	5612.3	5541.1	5707.3	5753.9	5843.4	5859.2
12.5°	6551.4	6754.0	6853.3	6880.3	6784.5	7045.2	7149.7	7018.6	7167.2	7140.4	7262.8
10°	7745.3	8237.4	8531.9	8739.2	8865.1	8941.0	9016.4	9151.9	9154.3	9254.6	9196.0
7.5°	8725.4	9349.3	9945.4	10523.6	10986.1	11245.4	11449.0	11644.2	11904.8	12029.5	12110.6
5°	9684.3	10404.1	11117.3	11818.2	12453.0	13063.6	13662.0	14181.2	14456.3	14777.8	15064.4
2.5°	10304.5	11215.0	12125.9	13028.0	13761.4	14434.3	15057.2	15635.8	16143.3	16612.8	17009.3
0°	10425.5	11444.6	12394.7	13294.8	14120.6	14951.7	15677.5	16331.6	16884.4	17383.1	17719.6
-2.5°	10304.5	11215.0	12125.9	13028.0	13761.4	14434.3	15057.2	15635.8	16143.3	16612.8	17009.3
-5°	9684.3	10404.1	11117.3	11818.2	12453.0	13063.6	13662.0	14181.2	14456.3	14777.8	15064.4
-7.5°	8725.4	9349.3	9945.4	10523.6	10986.1	11245.4	11449.0	11644.2	11904.8	12029.5	12110.6
-10°	7745.3	8237.4	8531.9	8739.2	8865.1	8941.0	9016.4	9151.9	9154.3	9254.6	9196.0
-12.5°	6551.4	6754.0	6853.3	6880.3	6784.5	7045.2	7149.7	7018.6	7167.2	7140.4	7262.8
-15°	5300.3	5340.3	5258.6	5367.1	5550.3	5612.3	5541.1	5707.3	5753.9	5843.4	5859.2
-17.5°	4129.7	4061.0	4242.2	4356.0	4415.9	4437.3	4561.0	4601.3	4694.3	4747.3	4800.0
-20°	3218.0	3352.1	3444.5	3463.9	3502.1	3604.8	3651.9	3707.8	3745.3	3806.2	3857.6



REPORT NUMBER: P558894 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2679.1	2732.5	2726.3	2747.9	2837.2	2867.1	2894.3	2965.2	2949.0	3013.2	3024.4
-25°	2197.1	2175.0	2188.3	2259.4	2275.2	2256.9	2330.5	2339.2	2369.5	2373.2	2395.8
-27.5°	1786.9	1771.8	1821.3	1842.8	1819.8	1855.8	1881.9	1870.3	1908.5	1885.9	1918.2
-30°	1464.0	1506.4	1527.1	1508.6	1518.5	1538.3	1529.3	1544.7	1552.0	1540.5	1562.2
-32.5°	1279.2	1287.5	1281.5	1271.0	1286.9	1288.9	1270.5	1292.7	1283.8	1286.9	1295.6
-35°	1116.1	1112.4	1084.4	1101.4	1104.9	1093.8	1097.0	1101.9	1085.8	1098.4	1097.1
-37.5°	976.5	964.1	958.9	963.2	960.5	948.8	958.1	955.9	948.5	956.8	953.1
-40°	863.2	845.8	855.4	854.0	844.8	843.4	848.4	841.9	843.1	848.1	844.3
-42.5°	767.9	766.1	767.8	764.7	754.8	761.2	762.0	754.0	762.0	765.5	763.5
-45°	690.1	695.7	694.5	689.0	688.1	693.7	693.1	690.9	697.4	700.2	701.2
-47.5°	630.8	633.7	632.2	624.4	630.8	636.2	636.4	639.1	644.6	646.9	648.5
-50°	576.2	578.6	576.7	574.8	582.0	586.3	587.5	593.9	599.2	602.2	604.9
-52.5°	525.9	528.9	526.8	530.3	537.7	541.9	544.0	551.9	557.8	561.6	565.5
-55°	480.7	483.2	482.4	490.6	497.5	502.1	506.9	514.2	519.9	524.2	528.5
-57.5°	436.6	439.8	442.5	451.5	458.8	464.5	470.9	477.8	483.6	488.4	493.0
-60°	393.8	397.0	402.7	411.6	419.2	425.4	432.8	439.9	445.9	450.9	455.5
-62.5°	352.6	356.3	363.8	371.9	378.6	384.3	392.7	400.0	406.1	411.2	415.5
-65°	312.0	315.7	324.7	333.0	340.1	346.0	353.1	359.6	365.3	370.4	374.6
-67.5°	272.8	277.0	285.3	292.8	299.6	305.9	312.5	318.4	323.5	328.1	332.1
-70°	236.0	240.0	246.7	253.2	259.3	265.0	270.7	275.8	280.3	284.6	288.6
-72.5°	200.4	204.6	209.9	214.7	219.3	224.0	228.7	232.9	236.4	239.8	242.8
-75°	164.3	168.4	172.6	176.4	179.8	183.3	186.8	190.1	192.9	195.3	197.1
-77.5°	128.6	132.2	135.6	138.6	141.2	143.6	145.7	147.4	148.6	150.5	152.2
-80°	95.1	98.3	101.3	103.7	105.7	107.2	108.5	109.4	110.1	110.9	111.5
-82.5°	65.5	67.7	69.9	72.0	73.9	74.9	75.7	76.2	76.4	77.0	77.5
-85°	40.3	41.0	41.7	42.5	43.1	43.8	44.4	44.9	45.3	45.2	45.1
-87.5°	18.8	18.5	18.2	17.7	17.1	17.2	17.2	17.1	17.0	16.8	16.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558894 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	16.4	16.1	16.9	17.6	16.9	16.1	16.4	16.6	16.8	17.0	17.1
85°	44.8	44.4	45.2	46.0	45.2	44.4	44.8	45.1	45.2	45.3	44.9
82.5°	77.9	78.0	78.3	78.4	78.3	78.0	77.9	77.5	77.0	76.4	76.2
80°	111.7	111.7	111.4	110.8	111.4	111.7	111.7	111.5	110.9	110.1	109.4
77.5°	153.6	154.6	155.2	155.4	155.2	154.6	153.6	152.2	150.5	148.6	147.4
75°	198.4	199.0	199.1	198.7	199.1	199.0	198.4	197.1	195.3	192.9	190.1
72.5°	245.4	247.3	247.7	247.3	247.7	247.3	245.4	242.8	239.8	236.4	232.9
70°	291.9	294.4	294.4	293.3	294.4	294.4	291.9	288.6	284.6	280.3	275.8
67.5°	335.3	337.6	339.4	340.6	339.4	337.6	335.3	332.1	328.1	323.5	318.4
65°	378.1	380.7	382.1	382.5	382.1	380.7	378.1	374.6	370.4	365.3	359.6
62.5°	418.8	421.2	422.5	423.0	422.5	421.2	418.8	415.5	411.2	406.1	400.0
60°	459.0	461.6	462.0	460.9	462.0	461.6	459.0	455.5	450.9	445.9	439.9
57.5°	496.7	499.3	499.3	497.4	499.3	499.3	496.7	493.0	488.4	483.6	477.8
55°	531.5	533.4	534.1	533.8	534.1	533.4	531.5	528.5	524.2	519.9	514.2
52.5°	568.4	569.9	570.6	570.3	570.6	569.9	568.4	565.5	561.6	557.8	551.9
50°	606.9	607.1	607.0	606.8	607.0	607.1	606.9	604.9	602.2	599.2	593.9
47.5°	650.9	651.4	651.5	651.4	651.5	651.4	650.9	648.5	646.9	644.6	639.1
45°	702.9	701.5	700.0	700.1	700.0	701.5	702.9	701.2	700.2	697.4	690.9
42.5°	765.3	763.7	761.8	762.3	761.8	763.7	765.3	763.5	765.5	762.0	754.0
40°	847.6	847.1	844.3	843.3	844.3	847.1	847.6	844.3	848.1	843.1	841.9
37.5°	953.7	952.2	946.0	943.4	946.0	952.2	953.7	953.1	956.8	948.5	955.9
35°	1093.3	1091.3	1081.8	1082.6	1081.8	1091.3	1093.3	1097.1	1098.4	1085.8	1101.9
32.5°	1291.3	1292.0	1277.8	1274.5	1277.8	1292.0	1291.3	1295.6	1286.9	1283.8	1292.7
30°	1548.7	1554.3	1537.6	1544.8	1537.6	1554.3	1548.7	1562.2	1540.5	1552.0	1544.7
27.5°	1917.6	1928.4	1913.5	1901.6	1913.5	1928.4	1917.6	1918.2	1885.9	1908.5	1870.3
25°	2425.4	2433.4	2416.5	2401.6	2416.5	2433.4	2425.4	2395.8	2373.2	2369.5	2339.2
22.5°	3086.4	3085.8	3085.1	3108.5	3085.1	3085.8	3086.4	3024.4	3013.2	2949.0	2965.2
20°	3890.8	3871.2	3900.4	3919.4	3900.4	3871.2	3890.8	3857.6	3806.2	3745.3	3707.8
17.5°	4812.3	4848.8	4876.8	4923.5	4876.8	4848.8	4812.3	4800.0	4747.3	4694.3	4601.3
15°	5898.8	5953.9	5981.9	5966.9	5981.9	5953.9	5898.8	5859.2	5843.4	5753.9	5707.3
12.5°	7267.1	7332.8	7284.3	7223.8	7284.3	7332.8	7267.1	7262.8	7140.4	7167.2	7018.6
10°	9196.9	9338.5	9346.5	9228.1	9346.5	9338.5	9196.9	9196.0	9254.6	9154.3	9151.9
7.5°	12157.8	12226.6	12331.3	12336.6	12331.3	12226.6	12157.8	12110.6	12029.5	11904.8	11644.2
5°	15194.3	15377.8	15496.0	15700.5	15496.0	15377.8	15194.3	15064.4	14777.8	14456.3	14181.2
2.5°	17265.3	17502.4	17593.4	17825.0	17593.4	17502.4	17265.3	17009.3	16612.8	16143.3	15635.8
0°	18019.7	18211.6	18326.4	18418.3	18326.4	18211.6	18019.7	17719.6	17383.1	16884.4	16331.6
-2.5°	17265.3	17502.4	17593.4	17825.0	17593.4	17502.4	17265.3	17009.3	16612.8	16143.3	15635.8
-5°	15194.3	15377.8	15496.0	15700.5	15496.0	15377.8	15194.3	15064.4	14777.8	14456.3	14181.2
-7.5°	12157.8	12226.6	12331.3	12336.6	12331.3	12226.6	12157.8	12110.6	12029.5	11904.8	11644.2
-10°	9196.9	9338.5	9346.5	9228.1	9346.5	9338.5	9196.9	9196.0	9254.6	9154.3	9151.9
-12.5°	7267.1	7332.8	7284.3	7223.8	7284.3	7332.8	7267.1	7262.8	7140.4	7167.2	7018.6
-15°	5898.8	5953.9	5981.9	5966.9	5981.9	5953.9	5898.8	5859.2	5843.4	5753.9	5707.3
-17.5°	4812.3	4848.8	4876.8	4923.5	4876.8	4848.8	4812.3	4800.0	4747.3	4694.3	4601.3
-20°	3890.8	3871.2	3900.4	3919.4	3900.4	3871.2	3890.8	3857.6	3806.2	3745.3	3707.8



REPORT NUMBER: P558894 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	3086.4	3085.8	3085.1	3108.5	3085.1	3085.8	3086.4	3024.4	3013.2	2949.0	2965.2
-25°	2425.4	2433.4	2416.5	2401.6	2416.5	2433.4	2425.4	2395.8	2373.2	2369.5	2339.2
-27.5°	1917.6	1928.4	1913.5	1901.6	1913.5	1928.4	1917.6	1918.2	1885.9	1908.5	1870.3
-30°	1548.7	1554.3	1537.6	1544.8	1537.6	1554.3	1548.7	1562.2	1540.5	1552.0	1544.7
-32.5°	1291.3	1292.0	1277.8	1274.5	1277.8	1292.0	1291.3	1295.6	1286.9	1283.8	1292.7
-35°	1093.3	1091.3	1081.8	1082.6	1081.8	1091.3	1093.3	1097.1	1098.4	1085.8	1101.9
-37.5°	953.7	952.2	946.0	943.4	946.0	952.2	953.7	953.1	956.8	948.5	955.9
-40°	847.6	847.1	844.3	843.3	844.3	847.1	847.6	844.3	848.1	843.1	841.9
-42.5°	765.3	763.7	761.8	762.3	761.8	763.7	765.3	763.5	765.5	762.0	754.0
-45°	702.9	701.5	700.0	700.1	700.0	701.5	702.9	701.2	700.2	697.4	690.9
-47.5°	650.9	651.4	651.5	651.4	651.5	651.4	650.9	648.5	646.9	644.6	639.1
-50°	606.9	607.1	607.0	606.8	607.0	607.1	606.9	604.9	602.2	599.2	593.9
-52.5°	568.4	569.9	570.6	570.3	570.6	569.9	568.4	565.5	561.6	557.8	551.9
-55°	531.5	533.4	534.1	533.8	534.1	533.4	531.5	528.5	524.2	519.9	514.2
-57.5°	496.7	499.3	499.3	497.4	499.3	499.3	496.7	493.0	488.4	483.6	477.8
-60°	459.0	461.6	462.0	460.9	462.0	461.6	459.0	455.5	450.9	445.9	439.9
-62.5°	418.8	421.2	422.5	423.0	422.5	421.2	418.8	415.5	411.2	406.1	400.0
-65°	378.1	380.7	382.1	382.5	382.1	380.7	378.1	374.6	370.4	365.3	359.6
-67.5°	335.3	337.6	339.4	340.6	339.4	337.6	335.3	332.1	328.1	323.5	318.4
-70°	291.9	294.4	294.4	293.3	294.4	294.4	291.9	288.6	284.6	280.3	275.8
-72.5°	245.4	247.3	247.7	247.3	247.7	247.3	245.4	242.8	239.8	236.4	232.9
-75°	198.4	199.0	199.1	198.7	199.1	199.0	198.4	197.1	195.3	192.9	190.1
-77.5°	153.6	154.6	155.2	155.4	155.2	154.6	153.6	152.2	150.5	148.6	147.4
-80°	111.7	111.7	111.4	110.8	111.4	111.7	111.7	111.5	110.9	110.1	109.4
-82.5°	77.9	78.0	78.3	78.4	78.3	78.0	77.9	77.5	77.0	76.4	76.2
-85°	44.8	44.4	45.2	46.0	45.2	44.4	44.8	45.1	45.2	45.3	44.9
-87.5°	16.4	16.1	16.9	17.6	16.9	16.1	16.4	16.6	16.8	17.0	17.1
-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: P558894 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	17.2	17.2	17.1	17.7	18.2	18.5	18.8	18.2	17.6	17.0	16.3
85°	44.4	43.8	43.1	42.5	41.7	41.0	40.3	39.6	38.8	37.7	36.4
82.5°	75.7	74.9	73.9	72.0	69.9	67.7	65.5	64.4	63.0	61.5	59.8
80°	108.5	107.2	105.7	103.7	101.3	98.3	95.1	92.7	89.9	87.2	85.0
77.5°	145.7	143.6	141.2	138.6	135.6	132.2	128.6	125.4	122.0	118.1	114.7
75°	186.8	183.3	179.8	176.4	172.6	168.4	164.3	160.6	156.2	151.1	147.0
72.5°	228.7	224.0	219.3	214.7	209.9	204.6	200.4	196.6	191.7	185.6	181.5
70°	270.7	265.0	259.3	253.2	246.7	240.0	236.0	232.5	228.0	221.8	218.1
67.5°	312.5	305.9	299.6	292.8	285.3	277.0	272.8	268.2	263.0	256.8	255.2
65°	353.1	346.0	340.1	333.0	324.7	315.7	312.0	307.0	300.6	293.9	292.8
62.5°	392.7	384.3	378.6	371.9	363.8	356.3	352.6	347.0	339.7	334.7	334.0
60°	432.8	425.4	419.2	411.6	402.7	397.0	393.8	388.0	379.7	377.6	376.7
57.5°	470.9	464.5	458.8	451.5	442.5	439.8	436.6	430.5	421.9	423.1	421.1
55°	506.9	502.1	497.5	490.6	482.4	483.2	480.7	474.8	469.7	471.2	468.8
52.5°	544.0	541.9	537.7	530.3	526.8	528.9	525.9	520.1	521.1	522.9	519.0
50°	587.5	586.3	582.0	574.8	576.7	578.6	576.2	568.9	575.9	577.4	572.4
47.5°	636.4	636.2	630.8	624.4	632.2	633.7	630.8	631.3	637.2	635.6	629.3
45°	693.1	693.7	688.1	689.0	694.5	695.7	690.1	700.5	704.3	700.8	689.5
42.5°	762.0	761.2	754.8	764.7	767.8	766.1	767.9	778.8	778.9	771.1	771.6
40°	848.4	843.4	844.8	854.0	855.4	845.8	863.2	867.4	863.6	849.0	869.5
37.5°	958.1	948.8	960.5	963.2	958.9	964.1	976.5	973.9	957.6	972.0	984.7
35°	1097.0	1093.8	1104.9	1101.4	1084.4	1112.4	1116.1	1098.5	1092.6	1118.8	1117.3
32.5°	1270.5	1288.9	1286.9	1271.0	1281.5	1287.5	1279.2	1249.7	1287.5	1297.5	1274.4
30°	1529.3	1538.3	1518.5	1508.6	1527.1	1506.4	1464.0	1507.1	1523.5	1503.1	1451.9
27.5°	1881.9	1855.8	1819.8	1842.8	1821.3	1771.8	1786.9	1808.7	1789.6	1740.3	1682.3
25°	2330.5	2256.9	2275.2	2259.4	2188.3	2175.0	2197.1	2172.4	2103.6	2029.7	2111.0
22.5°	2894.3	2867.1	2837.2	2747.9	2726.3	2732.5	2679.1	2579.7	2519.2	2596.7	2599.2
20°	3651.9	3604.8	3502.1	3463.9	3444.5	3352.1	3218.0	3204.4	3267.9	3235.3	3137.2
17.5°	4561.0	4437.3	4415.9	4356.0	4242.2	4061.0	4129.7	4153.5	4093.0	3923.9	3718.0
15°	5541.1	5612.3	5550.3	5367.1	5258.6	5340.3	5300.3	5168.1	4984.7	4675.2	4324.8
12.5°	7149.7	7045.2	6784.5	6880.3	6853.3	6754.0	6551.4	6260.5	5879.7	5378.5	4873.6
10°	9016.4	8941.0	8865.1	8739.2	8531.9	8237.4	7745.3	7198.7	6629.7	6038.7	5425.4
7.5°	11449.0	11245.4	10986.1	10523.6	9945.4	9349.3	8725.4	8073.2	7378.4	6688.8	5972.2
5°	13662.0	13063.6	12453.0	11818.2	11117.3	10404.1	9684.3	8932.7	8114.0	7320.0	6502.2
2.5°	15057.2	14434.3	13761.4	13028.0	12125.9	11215.0	10304.5	9394.2	8419.6	7501.5	6584.0
0°	15677.5	14951.7	14120.6	13294.8	12394.7	11444.6	10425.5	9491.6	8494.2	7560.3	6630.5
-2.5°	15057.2	14434.3	13761.4	13028.0	12125.9	11215.0	10304.5	9394.2	8419.6	7501.5	6584.0
-5°	13662.0	13063.6	12453.0	11818.2	11117.3	10404.1	9684.3	8932.7	8114.0	7320.0	6502.2
-7.5°	11449.0	11245.4	10986.1	10523.6	9945.4	9349.3	8725.4	8073.2	7378.4	6688.8	5972.2
-10°	9016.4	8941.0	8865.1	8739.2	8531.9	8237.4	7745.3	7198.7	6629.7	6038.7	5425.4
-12.5°	7149.7	7045.2	6784.5	6880.3	6853.3	6754.0	6551.4	6260.5	5879.7	5378.5	4873.6
-15°	5541.1	5612.3	5550.3	5367.1	5258.6	5340.3	5300.3	5168.1	4984.7	4675.2	4324.8
-17.5°	4561.0	4437.3	4415.9	4356.0	4242.2	4061.0	4129.7	4153.5	4093.0	3923.9	3718.0
-20°	3651.9	3604.8	3502.1	3463.9	3444.5	3352.1	3218.0	3204.4	3267.9	3235.3	3137.2



REPORT NUMBER: P558894 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	2894.3	2867.1	2837.2	2747.9	2726.3	2732.5	2679.1	2579.7	2519.2	2596.7	2599.2
-25°	2330.5	2256.9	2275.2	2259.4	2188.3	2175.0	2197.1	2172.4	2103.6	2029.7	2111.0
-27.5°	1881.9	1855.8	1819.8	1842.8	1821.3	1771.8	1786.9	1808.7	1789.6	1740.3	1682.3
-30°	1529.3	1538.3	1518.5	1508.6	1527.1	1506.4	1464.0	1507.1	1523.5	1503.1	1451.9
-32.5°	1270.5	1288.9	1286.9	1271.0	1281.5	1287.5	1279.2	1249.7	1287.5	1297.5	1274.4
-35°	1097.0	1093.8	1104.9	1101.4	1084.4	1112.4	1116.1	1098.5	1092.6	1118.8	1117.3
-37.5°	958.1	948.8	960.5	963.2	958.9	964.1	976.5	973.9	957.6	972.0	984.7
-40°	848.4	843.4	844.8	854.0	855.4	845.8	863.2	867.4	863.6	849.0	869.5
-42.5°	762.0	761.2	754.8	764.7	767.8	766.1	767.9	778.8	778.9	771.1	771.6
-45°	693.1	693.7	688.1	689.0	694.5	695.7	690.1	700.5	704.3	700.8	689.5
-47.5°	636.4	636.2	630.8	624.4	632.2	633.7	630.8	631.3	637.2	635.6	629.3
-50°	587.5	586.3	582.0	574.8	576.7	578.6	576.2	568.9	575.9	577.4	572.4
-52.5°	544.0	541.9	537.7	530.3	526.8	528.9	525.9	520.1	521.1	522.9	519.0
-55°	506.9	502.1	497.5	490.6	482.4	483.2	480.7	474.8	469.7	471.2	468.8
-57.5°	470.9	464.5	458.8	451.5	442.5	439.8	436.6	430.5	421.9	423.1	421.1
-60°	432.8	425.4	419.2	411.6	402.7	397.0	393.8	388.0	379.7	377.6	376.7
-62.5°	392.7	384.3	378.6	371.9	363.8	356.3	352.6	347.0	339.7	334.7	334.0
-65°	353.1	346.0	340.1	333.0	324.7	315.7	312.0	307.0	300.6	293.9	292.8
-67.5°	312.5	305.9	299.6	292.8	285.3	277.0	272.8	268.2	263.0	256.8	255.2
-70°	270.7	265.0	259.3	253.2	246.7	240.0	236.0	232.5	228.0	221.8	218.1
-72.5°	228.7	224.0	219.3	214.7	209.9	204.6	200.4	196.6	191.7	185.6	181.5
-75°	186.8	183.3	179.8	176.4	172.6	168.4	164.3	160.6	156.2	151.1	147.0
-77.5°	145.7	143.6	141.2	138.6	135.6	132.2	128.6	125.4	122.0	118.1	114.7
-80°	108.5	107.2	105.7	103.7	101.3	98.3	95.1	92.7	89.9	87.2	85.0
-82.5°	75.7	74.9	73.9	72.0	69.9	67.7	65.5	64.4	63.0	61.5	59.8
-85°	44.4	43.8	43.1	42.5	41.7	41.0	40.3	39.6	38.8	37.7	36.4
-87.5°	17.2	17.2	17.1	17.7	18.2	18.5	18.8	18.2	17.6	17.0	16.3
-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: P558894 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	15.8	15.2	14.6	13.9	13.2	12.5	11.7	10.9	10.1	9.3	8.3
85°	35.2	33.7	31.9	29.9	27.7	25.0	23.4	21.7	20.2	18.5	16.7
82.5°	58.2	56.3	54.2	51.7	49.5	46.6	43.0	38.7	33.7	28.3	25.0
80°	84.3	82.6	79.9	76.3	72.6	68.4	64.3	59.2	52.9	46.0	38.4
77.5°	113.2	110.8	107.4	103.6	98.9	93.4	87.2	80.1	72.1	63.7	54.4
75°	144.6	141.8	137.9	132.7	126.0	118.4	110.9	102.5	92.8	81.5	70.4
72.5°	178.9	174.9	169.5	162.5	154.7	145.8	135.6	124.9	114.2	101.5	86.9
70°	214.5	209.2	202.8	195.4	185.4	173.3	161.6	149.6	135.6	121.5	105.2
67.5°	251.3	245.3	237.5	229.2	218.6	205.2	188.5	175.0	160.1	141.5	123.4
65°	289.5	282.9	273.3	264.9	253.1	238.1	220.3	202.3	184.7	164.6	141.6
62.5°	329.8	322.3	313.2	302.3	288.7	272.3	252.6	233.4	210.4	187.8	161.9
60°	372.3	364.2	354.8	343.2	326.8	307.2	287.1	264.7	239.6	211.2	183.2
57.5°	416.2	407.3	399.6	386.0	367.6	344.8	323.0	298.5	268.8	237.2	204.5
55°	461.8	453.5	446.5	431.9	410.6	384.8	362.1	334.3	299.2	264.0	225.6
52.5°	510.5	504.7	496.2	480.0	456.5	429.0	406.4	370.9	333.6	290.6	249.3
50°	561.8	561.7	550.5	530.9	504.1	481.3	453.0	414.6	368.6	318.8	273.5
47.5°	625.1	624.3	611.1	585.7	554.9	537.7	505.7	460.5	404.1	351.0	297.8
45°	697.1	692.2	676.2	647.7	620.2	601.7	562.6	508.1	447.4	384.0	322.1
42.5°	776.9	768.3	746.0	712.9	701.7	672.4	622.6	562.2	491.8	416.9	349.0
40°	870.4	852.2	821.4	804.6	793.0	749.1	691.9	619.2	537.1	452.1	377.5
37.5°	973.9	947.1	906.0	918.7	894.6	840.3	766.0	678.1	584.5	492.0	405.7
35°	1094.9	1053.0	1053.9	1052.1	1011.0	937.9	843.9	741.8	637.0	531.8	433.5
32.5°	1227.2	1216.3	1235.0	1204.8	1138.3	1041.5	931.1	811.9	690.2	571.2	460.7
30°	1415.1	1460.1	1440.2	1372.7	1278.9	1160.2	1024.8	883.7	743.9	610.3	488.9
27.5°	1739.1	1737.6	1671.3	1566.7	1436.7	1286.2	1119.5	956.7	797.7	651.1	520.7
25°	2104.9	2052.5	1938.5	1780.3	1604.0	1412.2	1215.8	1030.9	856.4	695.2	551.5
22.5°	2522.6	2395.5	2228.2	2007.7	1769.5	1541.9	1318.3	1111.9	917.0	738.4	581.3
20°	2974.3	2761.3	2531.4	2230.7	1948.1	1683.1	1426.9	1192.3	976.8	780.4	609.9
17.5°	3458.1	3138.9	2820.1	2472.1	2135.6	1825.4	1535.2	1271.3	1035.2	821.1	637.1
15°	3926.7	3516.3	3117.4	2715.3	2323.8	1967.5	1642.2	1348.3	1091.8	860.1	658.4
12.5°	4388.7	3899.0	3418.7	2957.2	2510.6	2107.6	1746.7	1422.7	1146.0	888.0	672.4
10°	4849.8	4281.5	3719.8	3195.0	2693.5	2244.1	1847.5	1480.6	1171.6	905.8	683.9
7.5°	5304.0	4658.1	4015.9	3425.3	2851.0	2333.3	1890.6	1506.9	1188.5	920.2	693.0
5°	5674.5	4903.9	4150.6	3493.6	2895.3	2368.7	1917.1	1527.2	1200.1	931.1	699.6
2.5°	5724.6	4944.2	4170.7	3520.6	2924.8	2392.9	1934.8	1541.3	1206.6	938.4	703.8
0°	5743.9	4957.3	4168.1	3528.8	2939.5	2405.7	1943.5	1548.8	1208.2	942.0	705.5
-2.5°	5724.6	4944.2	4170.7	3520.6	2924.8	2392.9	1934.8	1541.3	1206.6	938.4	703.8
-5°	5674.5	4903.9	4150.6	3493.6	2895.3	2368.7	1917.1	1527.2	1200.1	931.1	699.6
-7.5°	5304.0	4658.1	4015.9	3425.3	2851.0	2333.3	1890.6	1506.9	1188.5	920.2	693.0
-10°	4849.8	4281.5	3719.8	3195.0	2693.5	2244.1	1847.5	1480.6	1171.6	905.8	683.9
-12.5°	4388.7	3899.0	3418.7	2957.2	2510.6	2107.6	1746.7	1422.7	1146.0	888.0	672.4
-15°	3926.7	3516.3	3117.4	2715.3	2323.8	1967.5	1642.2	1348.3	1091.8	860.1	658.4
-17.5°	3458.1	3138.9	2820.1	2472.1	2135.6	1825.4	1535.2	1271.3	1035.2	821.1	637.1
-20°	2974.3	2761.3	2531.4	2230.7	1948.1	1683.1	1426.9	1192.3	976.8	780.4	609.9



REPORT NUMBER: P558894 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2522.6	2395.5	2228.2	2007.7	1769.5	1541.9	1318.3	1111.9	917.0	738.4	581.3
-25°	2104.9	2052.5	1938.5	1780.3	1604.0	1412.2	1215.8	1030.9	856.4	695.2	551.5
-27.5°	1739.1	1737.6	1671.3	1566.7	1436.7	1286.2	1119.5	956.7	797.7	651.1	520.7
-30°	1415.1	1460.1	1440.2	1372.7	1278.9	1160.2	1024.8	883.7	743.9	610.3	488.9
-32.5°	1227.2	1216.3	1235.0	1204.8	1138.3	1041.5	931.1	811.9	690.2	571.2	460.7
-35°	1094.9	1053.0	1053.9	1052.1	1011.0	937.9	843.9	741.8	637.0	531.8	433.5
-37.5°	973.9	947.1	906.0	918.7	894.6	840.3	766.0	678.1	584.5	492.0	405.7
-40°	870.4	852.2	821.4	804.6	793.0	749.1	691.9	619.2	537.1	452.1	377.5
-42.5°	776.9	768.3	746.0	712.9	701.7	672.4	622.6	562.2	491.8	416.9	349.0
-45°	697.1	692.2	676.2	647.7	620.2	601.7	562.6	508.1	447.4	384.0	322.1
-47.5°	625.1	624.3	611.1	585.7	554.9	537.7	505.7	460.5	404.1	351.0	297.8
-50°	561.8	561.7	550.5	530.9	504.1	481.3	453.0	414.6	368.6	318.8	273.5
-52.5°	510.5	504.7	496.2	480.0	456.5	429.0	406.4	370.9	333.6	290.6	249.3
-55°	461.8	453.5	446.5	431.9	410.6	384.8	362.1	334.3	299.2	264.0	225.6
-57.5°	416.2	407.3	399.6	386.0	367.6	344.8	323.0	298.5	268.8	237.2	204.5
-60°	372.3	364.2	354.8	343.2	326.8	307.2	287.1	264.7	239.6	211.2	183.2
-62.5°	329.8	322.3	313.2	302.3	288.7	272.3	252.6	233.4	210.4	187.8	161.9
-65°	289.5	282.9	273.3	264.9	253.1	238.1	220.3	202.3	184.7	164.6	141.6
-67.5°	251.3	245.3	237.5	229.2	218.6	205.2	188.5	175.0	160.1	141.5	123.4
-70°	214.5	209.2	202.8	195.4	185.4	173.3	161.6	149.6	135.6	121.5	105.2
-72.5°	178.9	174.9	169.5	162.5	154.7	145.8	135.6	124.9	114.2	101.5	86.9
-75°	144.6	141.8	137.9	132.7	126.0	118.4	110.9	102.5	92.8	81.5	70.4
-77.5°	113.2	110.8	107.4	103.6	98.9	93.4	87.2	80.1	72.1	63.7	54.4
-80°	84.3	82.6	79.9	76.3	72.6	68.4	64.3	59.2	52.9	46.0	38.4
-82.5°	58.2	56.3	54.2	51.7	49.5	46.6	43.0	38.7	33.7	28.3	25.0
-85°	35.2	33.7	31.9	29.9	27.7	25.0	23.4	21.7	20.2	18.5	16.7
-87.5°	15.8	15.2	14.6	13.9	13.2	12.5	11.7	10.9	10.1	9.3	8.3
-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: P558894 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-935-U-NAT-XX

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°	7.4	6.5	5.5	4.4	3.1	1.5	0.0
85°	14.7	13.0	11.0	8.7	6.1	3.1	0.0
82.5°	22.1	19.5	16.5	13.1	9.2	4.6	0.0
80°	30.2	26.0	22.0	17.4	12.2	6.1	0.0
77.5°	44.5	34.5	27.5	21.7	15.2	7.6	0.0
75°	58.7	46.8	33.8	26.0	18.1	9.1	0.0
72.5°	72.8	59.0	43.9	30.3	21.1	10.6	0.0
70°	87.2	71.1	53.9	35.2	24.0	12.0	0.0
67.5°	103.6	83.1	63.8	42.8	26.8	13.4	0.0
65°	120.0	96.2	73.5	50.3	29.6	14.8	0.0
62.5°	136.2	110.2	83.2	57.8	32.4	16.2	0.0
60°	152.4	124.1	92.8	65.1	35.1	17.5	0.0
57.5°	170.8	137.9	104.0	72.2	39.8	18.9	0.0
55°	189.2	151.5	115.1	79.3	44.5	20.1	0.0
52.5°	207.4	165.3	126.0	86.1	49.1	21.4	0.0
50°	225.4	180.3	136.8	92.9	53.5	22.6	0.0
47.5°	243.5	195.1	147.3	99.7	57.7	23.7	0.0
45°	264.5	209.5	157.5	107.4	61.9	24.8	0.0
42.5°	285.3	223.6	167.5	114.9	65.8	25.9	0.0
40°	305.9	237.3	177.8	121.9	69.6	26.9	0.0
37.5°	326.3	250.5	188.3	128.4	73.3	27.8	0.0
35°	346.4	265.6	198.4	134.5	76.7	28.7	0.0
32.5°	366.9	281.3	208.1	140.1	80.0	29.6	0.0
30°	388.9	296.6	217.3	145.4	83.1	30.4	0.0
27.5°	410.2	311.3	225.0	150.2	86.0	31.1	0.0
25°	430.6	325.4	232.0	154.6	88.6	31.8	0.0
22.5°	450.1	337.9	238.6	158.5	91.1	32.4	0.0
20°	468.7	347.5	244.6	162.0	93.3	33.0	0.0
17.5°	482.6	355.9	250.0	165.1	95.3	33.5	0.0
15°	493.0	363.2	254.8	167.7	97.1	33.9	0.0
12.5°	502.0	369.3	259.1	169.9	98.7	34.3	0.0
10°	509.3	374.2	262.7	171.6	100.0	34.6	0.0
7.5°	515.2	378.0	265.6	172.9	101.0	34.8	0.0
5°	519.4	380.6	267.9	173.8	101.8	35.0	0.0
2.5°	522.0	382.1	269.5	174.3	102.4	35.1	0.0
0°	523.0	382.5	270.3	174.3	102.7	35.1	0.0
-2.5°	522.0	382.1	269.5	174.3	102.4	35.1	0.0
-5°	519.4	380.6	267.9	173.8	101.8	35.0	0.0
-7.5°	515.2	378.0	265.6	172.9	101.0	34.8	0.0
-10°	509.3	374.2	262.7	171.6	100.0	34.6	0.0
-12.5°	502.0	369.3	259.1	169.9	98.7	34.3	0.0
-15°	493.0	363.2	254.8	167.7	97.1	33.9	0.0
-17.5°	482.6	355.9	250.0	165.1	95.3	33.5	0.0
-20°	468.7	347.5	244.6	162.0	93.3	33.0	0.0



REPORT NUMBER: P558894 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	450.1	337.9	238.6	158.5	91.1	32.4	0.0
-25°	430.6	325.4	232.0	154.6	88.6	31.8	0.0
-27.5°	410.2	311.3	225.0	150.2	86.0	31.1	0.0
-30°	388.9	296.6	217.3	145.4	83.1	30.4	0.0
-32.5°	366.9	281.3	208.1	140.1	80.0	29.6	0.0
-35°	346.4	265.6	198.4	134.5	76.7	28.7	0.0
-37.5°	326.3	250.5	188.3	128.4	73.3	27.8	0.0
-40°	305.9	237.3	177.8	121.9	69.6	26.9	0.0
-42.5°	285.3	223.6	167.5	114.9	65.8	25.9	0.0
-45°	264.5	209.5	157.5	107.4	61.9	24.8	0.0
-47.5°	243.5	195.1	147.3	99.7	57.7	23.7	0.0
-50°	225.4	180.3	136.8	92.9	53.5	22.6	0.0
-52.5°	207.4	165.3	126.0	86.1	49.1	21.4	0.0
-55°	189.2	151.5	115.1	79.3	44.5	20.1	0.0
-57.5°	170.8	137.9	104.0	72.2	39.8	18.9	0.0
-60°	152.4	124.1	92.8	65.1	35.1	17.5	0.0
-62.5°	136.2	110.2	83.2	57.8	32.4	16.2	0.0
-65°	120.0	96.2	73.5	50.3	29.6	14.8	0.0
-67.5°	103.6	83.1	63.8	42.8	26.8	13.4	0.0
-70°	87.2	71.1	53.9	35.2	24.0	12.0	0.0
-72.5°	72.8	59.0	43.9	30.3	21.1	10.6	0.0
-75°	58.7	46.8	33.8	26.0	18.1	9.1	0.0
-77.5°	44.5	34.5	27.5	21.7	15.2	7.6	0.0
-80°	30.2	26.0	22.0	17.4	12.2	6.1	0.0
-82.5°	22.1	19.5	16.5	13.1	9.2	4.6	0.0
-85°	14.7	13.0	11.0	8.7	6.1	3.1	0.0
-87.5°	7.4	6.5	5.5	4.4	3.1	1.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)