

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: P558998 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4E-940-U-NAT-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558998 (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-SA4E-940-U-NAT-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQUARE, NARROW ASYMMETRICAL RECTANGULAR 6x4  
Light Source: (64) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

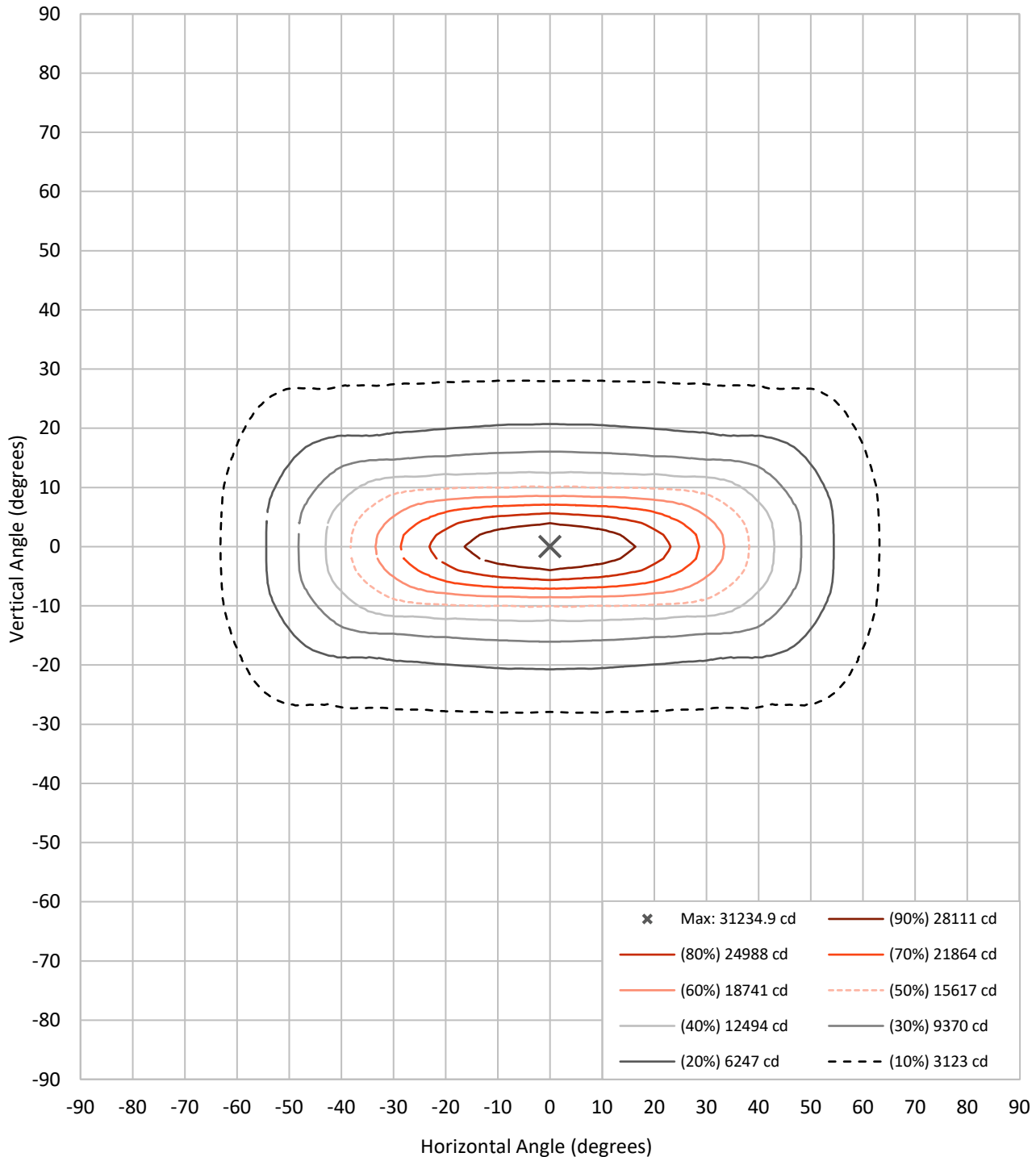
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	22369.8 lumens	Max Intensity:	31234.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	89.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	8950.1 lumens	Field Lumens:	18334.4 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 250  
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



REPORT NUMBER: P558998 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA4E-940-U-NAT-XX

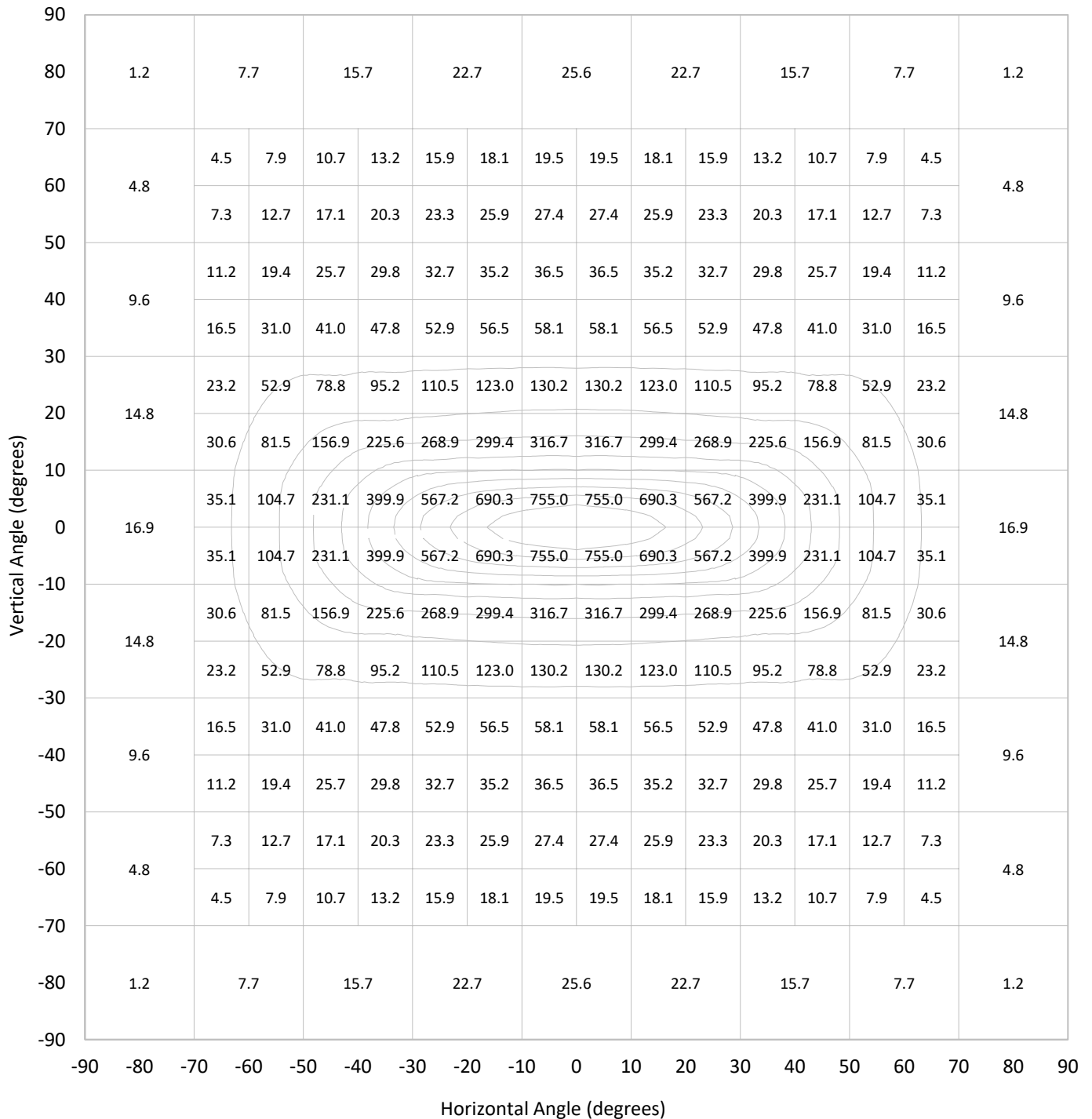
### Iso-Candela Plot





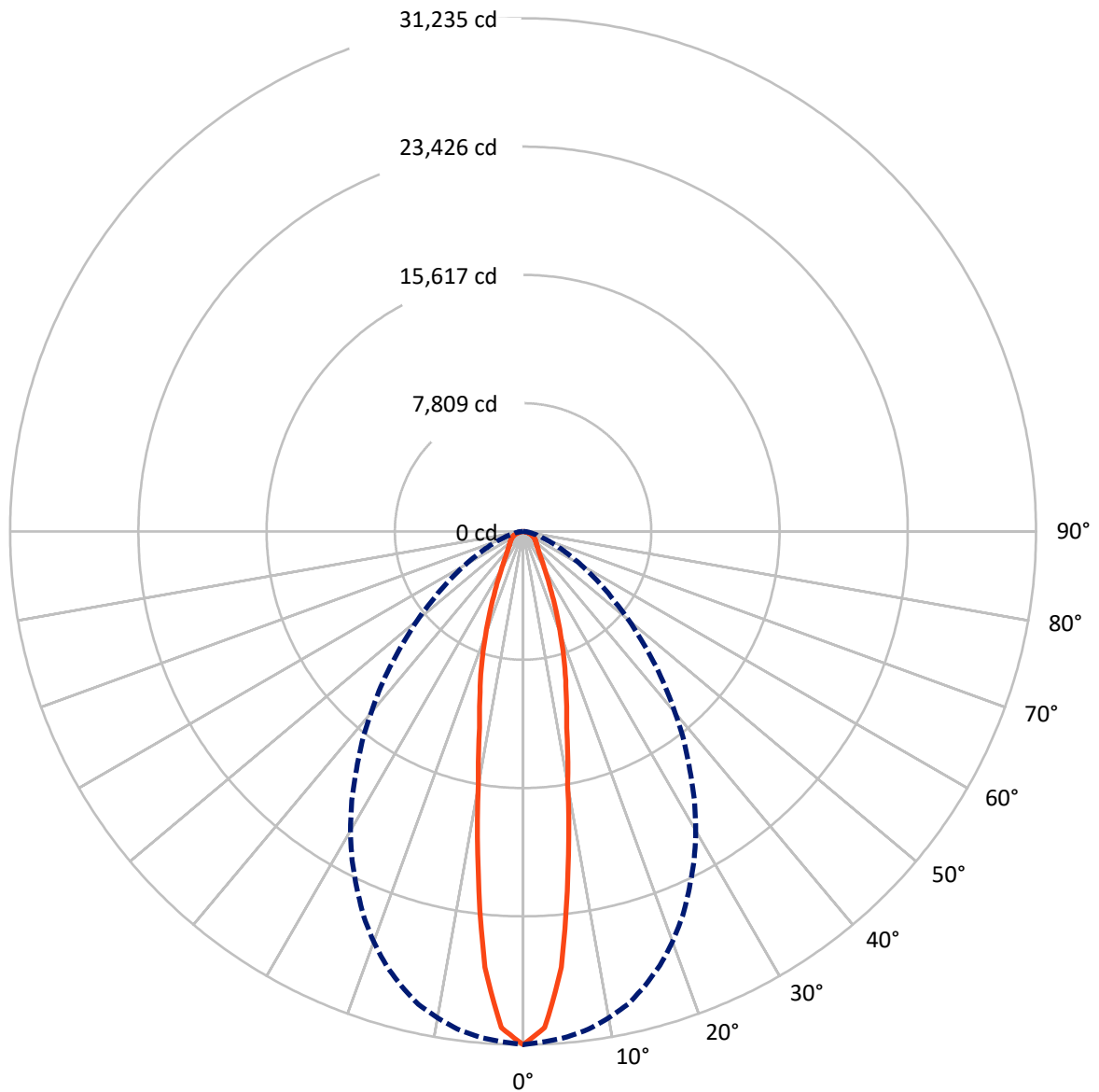
REPORT NUMBER: P558998 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-940-U-NAT-XX

### Lumen Table



REPORT NUMBER: P558998 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA4E-940-U-NAT-XX

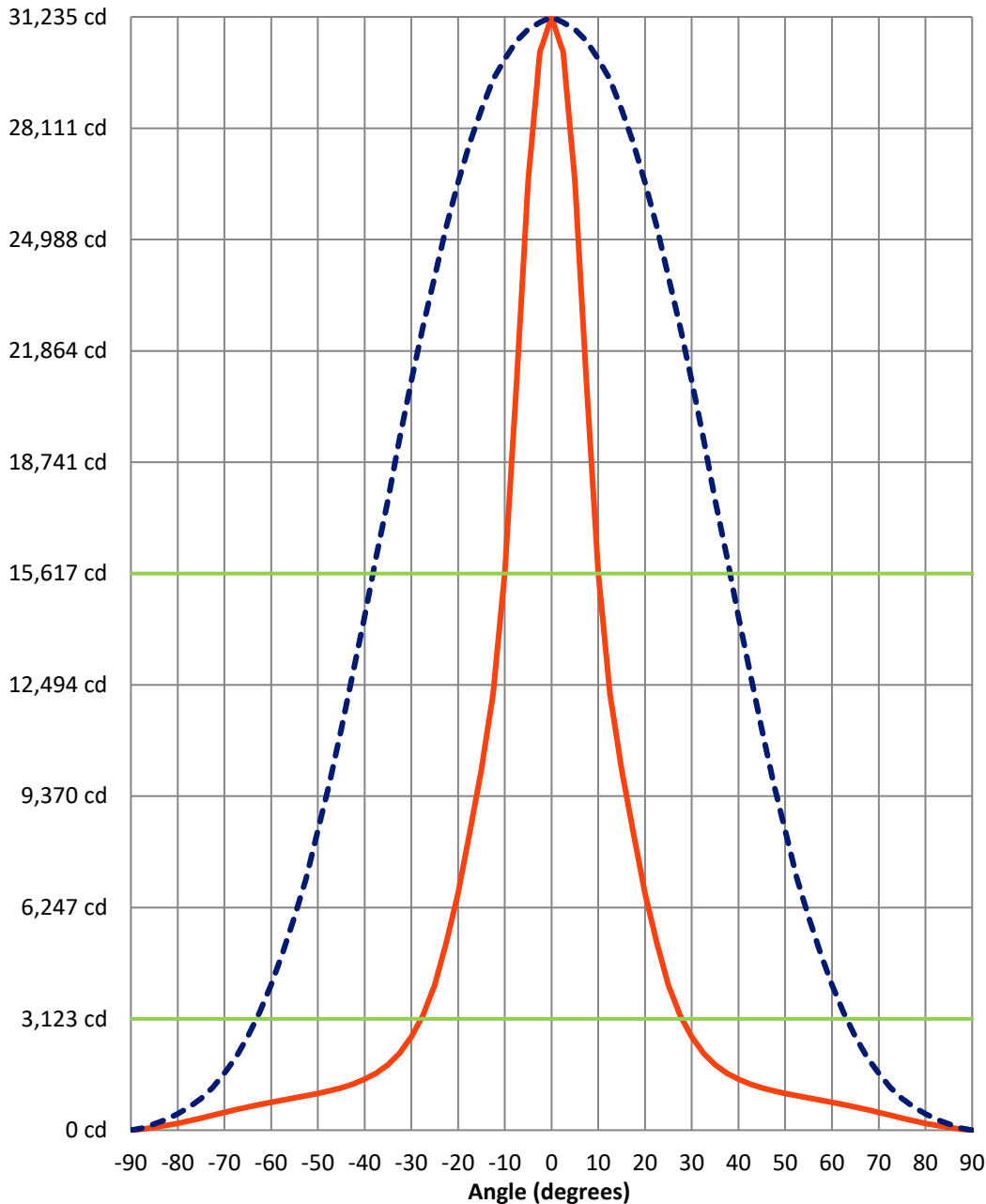
### Luminous Intensity Polar Plot



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

REPORT NUMBER: P558998 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-940-U-NAT-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 76.4°  
 V Angle: 20°  
 Lumens: 8950.1  
 Efficiency: 40.0%

**Field:**  
 H Angle: 126.3°  
 V Angle: 55.8°  
 Lumens: 18334.4  
 Efficiency: 82.0%

**Spill:**  
 Lumens: 4035.4  
 Efficiency: 18.0%

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



REPORT NUMBER: P558998 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-940-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	2.6	5.2	7.4	9.3	11.0	12.4	14.1	15.7	17.1	18.4
85°	0.0	5.2	10.4	14.8	18.7	22.1	24.9	28.2	31.3	34.2	36.8
82.5°	0.0	7.8	15.5	22.2	28.0	33.1	37.4	42.3	47.9	57.2	65.5
80°	0.0	10.3	20.7	29.5	37.3	44.1	51.2	65.1	78.0	89.8	100.4
77.5°	0.0	12.9	25.8	36.9	46.6	58.5	75.4	92.3	108.0	122.3	135.9
75°	0.0	15.4	30.8	44.2	57.3	79.3	99.4	119.3	138.3	157.5	173.8
72.5°	0.0	17.9	35.8	51.4	74.4	100.0	123.4	147.3	172.1	193.6	211.9
70°	0.0	20.4	40.7	59.7	91.3	120.5	147.8	178.3	205.9	230.0	253.7
67.5°	0.0	22.8	45.6	72.6	108.1	140.9	175.7	209.2	239.9	271.4	296.8
65°	0.0	25.2	50.3	85.4	124.7	163.0	203.4	240.0	279.2	313.2	343.1
62.5°	0.0	27.5	55.0	98.0	141.1	186.8	231.0	274.6	318.5	356.8	395.8
60°	0.0	29.8	59.5	110.3	157.2	210.5	258.5	310.7	358.1	406.3	448.8
57.5°	0.0	32.0	67.6	122.5	176.3	233.8	289.6	346.8	402.4	455.9	506.2
55°	0.0	34.2	75.5	134.4	195.1	256.9	320.9	382.7	447.7	507.4	566.9
52.5°	0.0	36.3	83.2	146.0	213.7	280.3	351.8	422.9	492.9	565.8	629.1
50°	0.0	38.3	90.7	157.4	231.9	305.8	382.2	463.9	540.7	625.1	703.1
47.5°	0.0	40.3	98.0	169.0	249.8	330.9	412.9	505.0	595.3	685.3	781.0
45°	0.0	42.1	104.9	182.1	267.2	355.4	448.6	546.2	651.2	758.8	861.6
42.5°	0.0	43.9	111.7	194.8	284.1	379.2	483.9	591.9	707.0	834.1	953.5
40°	0.0	45.7	118.1	206.7	301.6	402.4	518.9	640.3	766.7	910.9	1050.1
37.5°	0.0	47.3	124.3	217.7	319.4	424.9	553.4	688.0	834.4	991.3	1149.9
35°	0.0	48.8	130.1	228.0	336.5	450.4	587.4	735.1	901.8	1080.3	1258.0
32.5°	0.0	50.3	135.7	237.6	352.9	477.1	622.3	781.4	968.7	1170.5	1377.0
30°	0.0	51.6	140.9	246.6	368.5	503.0	659.6	829.0	1034.9	1261.5	1498.7
27.5°	0.0	52.9	145.8	254.7	381.5	527.9	695.6	882.9	1104.2	1352.9	1622.5
25°	0.0	54.0	150.3	262.2	393.5	551.8	730.2	935.3	1178.9	1452.3	1748.2
22.5°	0.0	55.1	154.5	268.9	404.6	573.1	763.3	985.8	1252.2	1555.1	1885.7
20°	0.0	56.0	158.3	274.9	414.7	589.3	794.8	1034.3	1323.6	1656.5	2021.9
17.5°	0.0	56.8	161.7	280.1	424.0	603.6	818.4	1080.3	1392.6	1755.6	2155.9
15°	0.0	57.6	164.7	284.5	432.2	615.9	836.1	1116.6	1458.6	1851.6	2286.5
12.5°	0.0	58.2	167.3	288.2	439.4	626.2	851.2	1140.2	1505.9	1943.5	2412.6
10°	0.0	58.7	169.5	291.2	445.5	634.5	863.8	1159.7	1536.2	1986.9	2510.9
7.5°	0.0	59.1	171.3	293.4	450.5	640.9	873.7	1175.2	1560.6	2015.5	2555.4
5°	0.0	59.4	172.7	294.9	454.3	645.4	880.8	1186.5	1579.1	2035.2	2589.9
2.5°	0.0	59.5	173.7	295.6	457.0	647.9	885.3	1193.5	1591.4	2046.3	2613.9
0°	0.0	59.6	174.2	295.7	458.4	648.6	887.0	1196.4	1597.5	2049.0	2626.6
-2.5°	0.0	59.5	173.7	295.6	457.0	647.9	885.3	1193.5	1591.4	2046.3	2613.9
-5°	0.0	59.4	172.7	294.9	454.3	645.4	880.8	1186.5	1579.1	2035.2	2589.9
-7.5°	0.0	59.1	171.3	293.4	450.5	640.9	873.7	1175.2	1560.6	2015.5	2555.4
-10°	0.0	58.7	169.5	291.2	445.5	634.5	863.8	1159.7	1536.2	1986.9	2510.9
-12.5°	0.0	58.2	167.3	288.2	439.4	626.2	851.2	1140.2	1505.9	1943.5	2412.6
-15°	0.0	57.6	164.7	284.5	432.2	615.9	836.1	1116.6	1458.6	1851.6	2286.5
-17.5°	0.0	56.8	161.7	280.1	424.0	603.6	818.4	1080.3	1392.6	1755.6	2155.9
-20°	0.0	56.0	158.3	274.9	414.7	589.3	794.8	1034.3	1323.6	1656.5	2021.9



REPORT NUMBER: P558998 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-940-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	55.1	154.5	268.9	404.6	573.1	763.3	985.8	1252.2	1555.1	1885.7
-25°	0.0	54.0	150.3	262.2	393.5	551.8	730.2	935.3	1178.9	1452.3	1748.2
-27.5°	0.0	52.9	145.8	254.7	381.5	527.9	695.6	882.9	1104.2	1352.9	1622.5
-30°	0.0	51.6	140.9	246.6	368.5	503.0	659.6	829.0	1034.9	1261.5	1498.7
-32.5°	0.0	50.3	135.7	237.6	352.9	477.1	622.3	781.4	968.7	1170.5	1377.0
-35°	0.0	48.8	130.1	228.0	336.5	450.4	587.4	735.1	901.8	1080.3	1258.0
-37.5°	0.0	47.3	124.3	217.7	319.4	424.9	553.4	688.0	834.4	991.3	1149.9
-40°	0.0	45.7	118.1	206.7	301.6	402.4	518.9	640.3	766.7	910.9	1050.1
-42.5°	0.0	43.9	111.7	194.8	284.1	379.2	483.9	591.9	707.0	834.1	953.5
-45°	0.0	42.1	104.9	182.1	267.2	355.4	448.6	546.2	651.2	758.8	861.6
-47.5°	0.0	40.3	98.0	169.0	249.8	330.9	412.9	505.0	595.3	685.3	781.0
-50°	0.0	38.3	90.7	157.4	231.9	305.8	382.2	463.9	540.7	625.1	703.1
-52.5°	0.0	36.3	83.2	146.0	213.7	280.3	351.8	422.9	492.9	565.8	629.1
-55°	0.0	34.2	75.5	134.4	195.1	256.9	320.9	382.7	447.7	507.4	566.9
-57.5°	0.0	32.0	67.6	122.5	176.3	233.8	289.6	346.8	402.4	455.9	506.2
-60°	0.0	29.8	59.5	110.3	157.2	210.5	258.5	310.7	358.1	406.3	448.8
-62.5°	0.0	27.5	55.0	98.0	141.1	186.8	231.0	274.6	318.5	356.8	395.8
-65°	0.0	25.2	50.3	85.4	124.7	163.0	203.4	240.0	279.2	313.2	343.1
-67.5°	0.0	22.8	45.6	72.6	108.1	140.9	175.7	209.2	239.9	271.4	296.8
-70°	0.0	20.4	40.7	59.7	91.3	120.5	147.8	178.3	205.9	230.0	253.7
-72.5°	0.0	17.9	35.8	51.4	74.4	100.0	123.4	147.3	172.1	193.6	211.9
-75°	0.0	15.4	30.8	44.2	57.3	79.3	99.4	119.3	138.3	157.5	173.8
-77.5°	0.0	12.9	25.8	36.9	46.6	58.5	75.4	92.3	108.0	122.3	135.9
-80°	0.0	10.3	20.7	29.5	37.3	44.1	51.2	65.1	78.0	89.8	100.4
-82.5°	0.0	7.8	15.5	22.2	28.0	33.1	37.4	42.3	47.9	57.2	65.5
-85°	0.0	5.2	10.4	14.8	18.7	22.1	24.9	28.2	31.3	34.2	36.8
-87.5°	0.0	2.6	5.2	7.4	9.3	11.0	12.4	14.1	15.7	17.1	18.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P558998 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-940-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°	19.8	21.2	22.5	23.7	24.8	25.8	26.7	27.6	28.7	29.9	30.9
85°	39.6	42.4	46.9	50.7	54.2	57.2	59.7	61.8	64.0	65.8	67.2
82.5°	72.9	79.1	84.0	87.6	91.8	95.5	98.7	101.4	104.3	106.9	109.2
80°	109.1	116.0	123.1	129.3	135.5	140.1	143.0	144.2	147.8	152.5	157.2
77.5°	147.8	158.3	167.6	175.6	182.1	187.9	192.0	194.5	200.3	207.0	212.8
75°	188.0	200.8	213.7	224.9	233.9	240.5	245.3	249.2	256.2	264.9	272.4
72.5°	229.9	247.2	262.4	275.5	287.5	296.6	303.4	307.9	314.8	325.1	333.4
70°	274.0	293.8	314.4	331.3	344.0	354.8	363.7	369.9	376.2	386.6	394.4
67.5°	319.7	347.9	370.8	388.6	402.9	416.1	426.1	432.7	435.5	446.0	454.8
65°	373.5	403.7	429.2	449.2	463.4	479.7	491.0	496.5	498.3	509.8	520.6
62.5°	428.3	461.7	489.6	512.6	531.1	546.6	559.2	566.3	567.5	576.0	588.4
60°	486.8	521.0	554.2	581.9	601.7	617.6	631.3	638.8	640.4	643.8	658.0
57.5°	547.7	584.7	623.4	654.6	677.6	690.8	705.8	714.1	717.4	715.4	730.0
55°	614.1	652.5	696.2	732.5	757.2	769.1	783.1	795.0	799.1	796.5	805.2
52.5°	689.2	727.4	774.2	814.0	841.5	855.8	865.7	880.1	886.7	883.8	882.0
50°	768.2	816.3	854.9	900.4	933.6	952.5	952.8	970.6	979.3	976.6	964.8
47.5°	857.6	911.9	941.1	993.2	1036.3	1058.6	1060.1	1067.2	1077.9	1080.7	1070.5
45°	954.2	1020.4	1051.8	1098.4	1146.7	1173.9	1182.2	1169.4	1188.4	1194.3	1188.0
42.5°	1055.9	1140.4	1189.9	1208.8	1265.0	1302.9	1317.6	1308.6	1307.6	1320.9	1320.7
40°	1173.3	1270.4	1344.8	1364.4	1392.9	1445.2	1476.2	1474.5	1439.8	1464.5	1471.0
37.5°	1299.0	1425.1	1517.0	1557.9	1536.4	1606.2	1651.5	1669.9	1648.3	1624.0	1651.7
35°	1431.2	1590.5	1714.4	1784.2	1787.4	1785.7	1856.7	1894.8	1897.4	1853.0	1863.0
32.5°	1579.1	1766.1	1930.3	2043.1	2094.4	2062.7	2081.2	2161.2	2200.4	2183.5	2119.4
30°	1737.9	1967.5	2168.8	2327.9	2442.4	2476.1	2399.8	2462.2	2549.1	2583.8	2555.9
27.5°	1898.5	2181.1	2436.4	2657.0	2834.3	2946.7	2949.3	2852.9	2951.4	3035.0	3067.3
25°	2061.7	2394.8	2720.2	3019.1	3287.4	3480.7	3569.6	3579.9	3442.1	3567.4	3684.1
22.5°	2235.6	2614.7	3000.8	3404.8	3778.7	4062.4	4277.9	4407.8	4403.6	4272.2	4374.8
20°	2419.7	2854.1	3303.7	3782.9	4292.9	4682.8	5044.0	5320.2	5486.6	5541.8	5434.2
17.5°	2603.4	3095.6	3621.6	4192.4	4782.5	5323.0	5864.3	6305.2	6654.5	6941.2	7043.7
15°	2784.8	3336.5	3940.8	4604.7	5286.5	5963.1	6659.1	7334.3	7928.6	8453.3	8764.3
12.5°	2962.0	3574.2	4257.5	5015.0	5797.7	6612.1	7442.6	8265.0	9121.3	9971.0	10616.9
10°	3132.9	3805.5	4567.7	5418.3	6308.3	7260.8	8224.6	9200.7	10240.8	11243.1	12207.9
7.5°	3206.0	3956.8	4834.8	5808.9	6810.3	7899.5	8994.8	10127.9	11343.3	12512.8	13691.0
5°	3251.1	4016.9	4909.9	5924.7	7038.7	8316.3	9623.2	11026.8	12413.7	13760.2	15148.5
2.5°	3281.0	4058.0	4960.0	5970.4	7072.8	8384.8	9708.1	11165.5	12721.6	14278.4	15931.3
0°	3295.8	4079.7	4985.0	5984.3	7068.4	8406.9	9740.9	11244.4	12821.3	14405.0	16096.5
-2.5°	3281.0	4058.0	4960.0	5970.4	7072.8	8384.8	9708.1	11165.5	12721.6	14278.4	15931.3
-5°	3251.1	4016.9	4909.9	5924.7	7038.7	8316.3	9623.2	11026.8	12413.7	13760.2	15148.5
-7.5°	3206.0	3956.8	4834.8	5808.9	6810.3	7899.5	8994.8	10127.9	11343.3	12512.8	13691.0
-10°	3132.9	3805.5	4567.7	5418.3	6308.3	7260.8	8224.6	9200.7	10240.8	11243.1	12207.9
-12.5°	2962.0	3574.2	4257.5	5015.0	5797.7	6612.1	7442.6	8265.0	9121.3	9971.0	10616.9
-15°	2784.8	3336.5	3940.8	4604.7	5286.5	5963.1	6659.1	7334.3	7928.6	8453.3	8764.3
-17.5°	2603.4	3095.6	3621.6	4192.4	4782.5	5323.0	5864.3	6305.2	6654.5	6941.2	7043.7
-20°	2419.7	2854.1	3303.7	3782.9	4292.9	4682.8	5044.0	5320.2	5486.6	5541.8	5434.2



REPORT NUMBER: P558998 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-940-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2235.6	2614.7	3000.8	3404.8	3778.7	4062.4	4277.9	4407.8	4403.6	4272.2	4374.8
-25°	2061.7	2394.8	2720.2	3019.1	3287.4	3480.7	3569.6	3579.9	3442.1	3567.4	3684.1
-27.5°	1898.5	2181.1	2436.4	2657.0	2834.3	2946.7	2949.3	2852.9	2951.4	3035.0	3067.3
-30°	1737.9	1967.5	2168.8	2327.9	2442.4	2476.1	2399.8	2462.2	2549.1	2583.8	2555.9
-32.5°	1579.1	1766.1	1930.3	2043.1	2094.4	2062.7	2081.2	2161.2	2200.4	2183.5	2119.4
-35°	1431.2	1590.5	1714.4	1784.2	1787.4	1785.7	1856.7	1894.8	1897.4	1853.0	1863.0
-37.5°	1299.0	1425.1	1517.0	1557.9	1536.4	1606.2	1651.5	1669.9	1648.3	1624.0	1651.7
-40°	1173.3	1270.4	1344.8	1364.4	1392.9	1445.2	1476.2	1474.5	1439.8	1464.5	1471.0
-42.5°	1055.9	1140.4	1189.9	1208.8	1265.0	1302.9	1317.6	1308.6	1307.6	1320.9	1320.7
-45°	954.2	1020.4	1051.8	1098.4	1146.7	1173.9	1182.2	1169.4	1188.4	1194.3	1188.0
-47.5°	857.6	911.9	941.1	993.2	1036.3	1058.6	1060.1	1067.2	1077.9	1080.7	1070.5
-50°	768.2	816.3	854.9	900.4	933.6	952.5	952.8	970.6	979.3	976.6	964.8
-52.5°	689.2	727.4	774.2	814.0	841.5	855.8	865.7	880.1	886.7	883.8	882.0
-55°	614.1	652.5	696.2	732.5	757.2	769.1	783.1	795.0	799.1	796.5	805.2
-57.5°	547.7	584.7	623.4	654.6	677.6	690.8	705.8	714.1	717.4	715.4	730.0
-60°	486.8	521.0	554.2	581.9	601.7	617.6	631.3	638.8	640.4	643.8	658.0
-62.5°	428.3	461.7	489.6	512.6	531.1	546.6	559.2	566.3	567.5	576.0	588.4
-65°	373.5	403.7	429.2	449.2	463.4	479.7	491.0	496.5	498.3	509.8	520.6
-67.5°	319.7	347.9	370.8	388.6	402.9	416.1	426.1	432.7	435.5	446.0	454.8
-70°	274.0	293.8	314.4	331.3	344.0	354.8	363.7	369.9	376.2	386.6	394.4
-72.5°	229.9	247.2	262.4	275.5	287.5	296.6	303.4	307.9	314.8	325.1	333.4
-75°	188.0	200.8	213.7	224.9	233.9	240.5	245.3	249.2	256.2	264.9	272.4
-77.5°	147.8	158.3	167.6	175.6	182.1	187.9	192.0	194.5	200.3	207.0	212.8
-80°	109.1	116.0	123.1	129.3	135.5	140.1	143.0	144.2	147.8	152.5	157.2
-82.5°	72.9	79.1	84.0	87.6	91.8	95.5	98.7	101.4	104.3	106.9	109.2
-85°	39.6	42.4	46.9	50.7	54.2	57.2	59.7	61.8	64.0	65.8	67.2
-87.5°	19.8	21.2	22.5	23.7	24.8	25.8	26.7	27.6	28.7	29.9	30.9
-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: P558998 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-940-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	31.9	31.4	30.8	30.0	29.1	29.1	29.1	29.0	28.8	28.5	28.2
85°	68.3	69.5	70.8	72.0	73.1	74.3	75.3	76.1	76.8	76.7	76.4
82.5°	111.1	114.8	118.5	122.0	125.3	127.1	128.3	129.2	129.6	130.7	131.5
80°	161.3	166.7	171.8	176.0	179.4	181.9	183.9	185.6	186.7	188.1	189.0
77.5°	218.2	224.3	230.1	235.2	239.5	243.6	247.1	249.9	252.0	255.2	258.1
75°	278.7	285.5	292.7	299.2	304.9	310.9	316.9	322.3	327.2	331.3	334.4
72.5°	339.8	347.0	355.9	364.1	371.8	379.9	387.9	394.9	401.0	406.7	411.8
70°	400.2	407.0	418.4	429.4	439.6	449.4	459.0	467.7	475.3	482.7	489.4
67.5°	462.6	469.7	483.8	496.6	508.0	518.7	529.9	539.9	548.6	556.4	563.2
65°	529.1	535.4	550.7	564.6	576.7	586.7	598.8	609.7	619.5	628.1	635.3
62.5°	597.9	604.2	616.9	630.6	642.0	651.7	665.9	678.3	688.7	697.4	704.7
60°	667.8	673.3	683.0	698.1	710.9	721.5	734.0	745.9	756.1	764.6	772.3
57.5°	740.4	745.8	750.5	765.7	778.0	787.6	798.5	810.3	820.1	828.2	836.1
55°	815.3	819.5	818.0	832.0	843.6	851.4	859.6	872.0	881.8	888.9	896.2
52.5°	891.9	896.9	893.4	899.3	911.9	919.0	922.6	936.0	946.0	952.4	959.0
50°	977.1	981.2	978.1	974.7	987.0	994.3	996.3	1007.1	1016.2	1021.2	1025.9
47.5°	1069.7	1074.6	1072.1	1058.8	1069.7	1078.9	1079.2	1083.8	1093.2	1097.0	1099.8
45°	1170.3	1179.8	1177.8	1168.5	1166.9	1176.4	1175.5	1171.8	1182.7	1187.5	1189.0
42.5°	1302.3	1299.2	1302.1	1296.8	1280.1	1290.9	1292.2	1278.7	1292.3	1298.1	1294.7
40°	1463.9	1434.4	1450.6	1448.2	1432.7	1430.4	1438.8	1427.7	1429.8	1438.2	1431.7
37.5°	1656.1	1635.0	1626.2	1633.5	1629.0	1609.0	1624.9	1621.0	1608.5	1622.6	1616.4
35°	1892.8	1886.5	1839.0	1867.8	1873.8	1855.0	1860.4	1868.6	1841.4	1862.8	1860.6
32.5°	2169.5	2183.5	2173.2	2155.5	2182.5	2185.9	2154.6	2192.2	2177.1	2182.4	2197.2
30°	2482.8	2554.7	2589.7	2558.5	2575.3	2608.7	2593.4	2619.5	2631.9	2612.4	2649.3
27.5°	3030.3	3004.7	3088.6	3125.1	3086.1	3147.1	3191.4	3171.8	3236.6	3198.2	3253.0
25°	3726.0	3688.5	3711.0	3831.6	3858.4	3827.4	3952.3	3967.0	4018.4	4024.7	4063.0
22.5°	4543.4	4633.9	4623.3	4660.0	4811.5	4862.2	4908.3	5028.5	5001.1	5110.1	5129.0
20°	5457.3	5684.7	5841.4	5874.3	5939.1	6113.3	6193.1	6288.0	6351.6	6454.7	6541.9
17.5°	7003.5	6886.9	7194.2	7387.2	7488.7	7525.0	7734.8	7803.2	7960.8	8050.8	8140.2
15°	8988.6	9056.5	8917.8	9101.8	9412.6	9517.6	9396.9	9678.6	9757.9	9909.5	9936.3
12.5°	11110.3	11453.8	11622.2	11668.0	11505.6	11947.7	12124.7	11902.4	12154.6	12109.2	12316.7
10°	13134.9	13969.5	14469.0	14820.5	15034.1	15162.7	15290.6	15520.4	15524.3	15694.5	15595.1
7.5°	14797.0	15855.1	16866.0	17846.5	18630.9	19070.6	19415.8	19747.0	20188.8	20400.4	20538.0
5°	16423.2	17644.0	18853.4	20042.0	21118.4	22154.0	23168.9	24049.3	24515.9	25061.1	25547.1
2.5°	17474.9	19019.1	20563.7	22093.6	23337.3	24478.6	25534.9	26516.1	27376.8	28173.0	28845.3
0°	17680.2	19408.4	21019.6	22546.1	23946.5	25356.0	26586.8	27696.1	28633.6	29479.3	30050.0
-2.5°	17474.9	19019.1	20563.7	22093.6	23337.3	24478.6	25534.9	26516.1	27376.8	28173.0	28845.3
-5°	16423.2	17644.0	18853.4	20042.0	21118.4	22154.0	23168.9	24049.3	24515.9	25061.1	25547.1
-7.5°	14797.0	15855.1	16866.0	17846.5	18630.9	19070.6	19415.8	19747.0	20188.8	20400.4	20538.0
-10°	13134.9	13969.5	14469.0	14820.5	15034.1	15162.7	15290.6	15520.4	15524.3	15694.5	15595.1
-12.5°	11110.3	11453.8	11622.2	11668.0	11505.6	11947.7	12124.7	11902.4	12154.6	12109.2	12316.7
-15°	8988.6	9056.5	8917.8	9101.8	9412.6	9517.6	9396.9	9678.6	9757.9	9909.5	9936.3
-17.5°	7003.5	6886.9	7194.2	7387.2	7488.7	7525.0	7734.8	7803.2	7960.8	8050.8	8140.2
-20°	5457.3	5684.7	5841.4	5874.3	5939.1	6113.3	6193.1	6288.0	6351.6	6454.7	6541.9



REPORT NUMBER: P558998 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-940-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4543.4	4633.9	4623.3	4660.0	4811.5	4862.2	4908.3	5028.5	5001.1	5110.1	5129.0
-25°	3726.0	3688.5	3711.0	3831.6	3858.4	3827.4	3952.3	3967.0	4018.4	4024.7	4063.0
-27.5°	3030.3	3004.7	3088.6	3125.1	3086.1	3147.1	3191.4	3171.8	3236.6	3198.2	3253.0
-30°	2482.8	2554.7	2589.7	2558.5	2575.3	2608.7	2593.4	2619.5	2631.9	2612.4	2649.3
-32.5°	2169.5	2183.5	2173.2	2155.5	2182.5	2185.9	2154.6	2192.2	2177.1	2182.4	2197.2
-35°	1892.8	1886.5	1839.0	1867.8	1873.8	1855.0	1860.4	1868.6	1841.4	1862.8	1860.6
-37.5°	1656.1	1635.0	1626.2	1633.5	1629.0	1609.0	1624.9	1621.0	1608.5	1622.6	1616.4
-40°	1463.9	1434.4	1450.6	1448.2	1432.7	1430.4	1438.8	1427.7	1429.8	1438.2	1431.7
-42.5°	1302.3	1299.2	1302.1	1296.8	1280.1	1290.9	1292.2	1278.7	1292.3	1298.1	1294.7
-45°	1170.3	1179.8	1177.8	1168.5	1166.9	1176.4	1175.5	1171.8	1182.7	1187.5	1189.0
-47.5°	1069.7	1074.6	1072.1	1058.8	1069.7	1078.9	1079.2	1083.8	1093.2	1097.0	1099.8
-50°	977.1	981.2	978.1	974.7	987.0	994.3	996.3	1007.1	1016.2	1021.2	1025.9
-52.5°	891.9	896.9	893.4	899.3	911.9	919.0	922.6	936.0	946.0	952.4	959.0
-55°	815.3	819.5	818.0	832.0	843.6	851.4	859.6	872.0	881.8	888.9	896.2
-57.5°	740.4	745.8	750.5	765.7	778.0	787.6	798.5	810.3	820.1	828.2	836.1
-60°	667.8	673.3	683.0	698.1	710.9	721.5	734.0	745.9	756.1	764.6	772.3
-62.5°	597.9	604.2	616.9	630.6	642.0	651.7	665.9	678.3	688.7	697.4	704.7
-65°	529.1	535.4	550.7	564.6	576.7	586.7	598.8	609.7	619.5	628.1	635.3
-67.5°	462.6	469.7	483.8	496.6	508.0	518.7	529.9	539.9	548.6	556.4	563.2
-70°	400.2	407.0	418.4	429.4	439.6	449.4	459.0	467.7	475.3	482.7	489.4
-72.5°	339.8	347.0	355.9	364.1	371.8	379.9	387.9	394.9	401.0	406.7	411.8
-75°	278.7	285.5	292.7	299.2	304.9	310.9	316.9	322.3	327.2	331.3	334.4
-77.5°	218.2	224.3	230.1	235.2	239.5	243.6	247.1	249.9	252.0	255.2	258.1
-80°	161.3	166.7	171.8	176.0	179.4	181.9	183.9	185.6	186.7	188.1	189.0
-82.5°	111.1	114.8	118.5	122.0	125.3	127.1	128.3	129.2	129.6	130.7	131.5
-85°	68.3	69.5	70.8	72.0	73.1	74.3	75.3	76.1	76.8	76.7	76.4
-87.5°	31.9	31.4	30.8	30.0	29.1	29.1	29.1	29.0	28.8	28.5	28.2
-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: P558998 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-940-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	27.8	27.4	28.6	29.8	28.6	27.4	27.8	28.2	28.5	28.8	29.0
85°	75.9	75.2	76.7	77.9	76.7	75.2	75.9	76.4	76.7	76.8	76.1
82.5°	132.0	132.3	132.7	132.9	132.7	132.3	132.0	131.5	130.7	129.6	129.2
80°	189.4	189.4	188.9	187.9	188.9	189.4	189.4	189.0	188.1	186.7	185.6
77.5°	260.5	262.2	263.2	263.6	263.2	262.2	260.5	258.1	255.2	252.0	249.9
75°	336.4	337.5	337.7	336.9	337.7	337.5	336.4	334.4	331.3	327.2	322.3
72.5°	416.1	419.4	420.0	419.4	420.0	419.4	416.1	411.8	406.7	401.0	394.9
70°	494.9	499.2	499.2	497.4	499.2	499.2	494.9	489.4	482.7	475.3	467.7
67.5°	568.6	572.6	575.7	577.6	575.7	572.6	568.6	563.2	556.4	548.6	539.9
65°	641.2	645.5	647.9	648.6	647.9	645.5	641.2	635.3	628.1	619.5	609.7
62.5°	710.3	714.3	716.6	717.4	716.6	714.3	710.3	704.7	697.4	688.7	678.3
60°	778.3	782.6	783.4	781.6	783.4	782.6	778.3	772.3	764.6	756.1	745.9
57.5°	842.3	846.7	846.6	843.4	846.6	846.7	842.3	836.1	828.2	820.1	810.3
55°	901.4	904.6	905.8	905.3	905.8	904.6	901.4	896.2	888.9	881.8	872.0
52.5°	964.0	966.5	967.6	967.2	967.6	966.5	964.0	959.0	952.4	946.0	936.0
50°	1029.2	1029.5	1029.5	1029.1	1029.5	1029.5	1029.2	1025.9	1021.2	1016.2	1007.1
47.5°	1103.8	1104.6	1104.7	1104.7	1104.7	1104.6	1103.8	1099.8	1097.0	1093.2	1083.8
45°	1192.0	1189.6	1187.0	1187.2	1187.0	1189.6	1192.0	1189.0	1187.5	1182.7	1171.8
42.5°	1297.9	1295.2	1291.9	1292.7	1291.9	1295.2	1297.9	1294.7	1298.1	1292.3	1278.7
40°	1437.3	1436.6	1431.9	1430.2	1431.9	1436.6	1437.3	1431.7	1438.2	1429.8	1427.7
37.5°	1617.4	1614.8	1604.3	1599.8	1604.3	1614.8	1617.4	1616.4	1622.6	1608.5	1621.0
35°	1854.2	1850.6	1834.6	1835.9	1834.6	1850.6	1854.2	1860.6	1862.8	1841.4	1868.6
32.5°	2189.8	2191.1	2166.9	2161.3	2166.9	2191.1	2189.8	2197.2	2182.4	2177.1	2192.2
30°	2626.4	2636.0	2607.5	2619.7	2607.5	2636.0	2626.4	2649.3	2612.4	2631.9	2619.5
27.5°	3252.0	3270.3	3245.2	3224.8	3245.2	3270.3	3252.0	3253.0	3198.2	3236.6	3171.8
25°	4113.2	4126.8	4098.0	4072.8	4098.0	4126.8	4113.2	4063.0	4024.7	4018.4	3967.0
22.5°	5234.1	5233.2	5231.8	5271.5	5231.8	5233.2	5234.1	5129.0	5110.1	5001.1	5028.5
20°	6598.2	6565.1	6614.6	6646.7	6614.6	6565.1	6598.2	6541.9	6454.7	6351.6	6288.0
17.5°	8160.9	8222.8	8270.3	8349.6	8270.3	8222.8	8160.9	8140.2	8050.8	7960.8	7803.2
15°	10003.6	10097.0	10144.6	10119.0	10144.6	10097.0	10003.6	9936.3	9909.5	9757.9	9678.6
12.5°	12324.0	12435.5	12353.1	12250.6	12353.1	12435.5	12324.0	12316.7	12109.2	12154.6	11902.4
10°	15596.6	15836.9	15850.4	15649.6	15850.4	15836.9	15596.6	15595.1	15694.5	15524.3	15520.4
7.5°	20617.9	20734.7	20912.1	20921.1	20912.1	20734.7	20617.9	20538.0	20400.4	20188.8	19747.0
5°	25767.5	26078.6	26279.1	26625.8	26279.1	26078.6	25767.5	25547.1	25061.1	24515.9	24049.3
2.5°	29279.5	29681.6	29835.9	30228.8	29835.9	29681.6	29279.5	28845.3	28173.0	27376.8	26516.1
0°	30558.8	30884.3	31079.1	31234.9	31079.1	30884.3	30558.8	30050.0	29479.3	28633.6	27696.1
-2.5°	29279.5	29681.6	29835.9	30228.8	29835.9	29681.6	29279.5	28845.3	28173.0	27376.8	26516.1
-5°	25767.5	26078.6	26279.1	26625.8	26279.1	26078.6	25767.5	25547.1	25061.1	24515.9	24049.3
-7.5°	20617.9	20734.7	20912.1	20921.1	20912.1	20734.7	20617.9	20538.0	20400.4	20188.8	19747.0
-10°	15596.6	15836.9	15850.4	15649.6	15850.4	15836.9	15596.6	15595.1	15694.5	15524.3	15520.4
-12.5°	12324.0	12435.5	12353.1	12250.6	12353.1	12435.5	12324.0	12316.7	12109.2	12154.6	11902.4
-15°	10003.6	10097.0	10144.6	10119.0	10144.6	10097.0	10003.6	9936.3	9909.5	9757.9	9678.6
-17.5°	8160.9	8222.8	8270.3	8349.6	8270.3	8222.8	8160.9	8140.2	8050.8	7960.8	7803.2
-20°	6598.2	6565.1	6614.6	6646.7	6614.6	6565.1	6598.2	6541.9	6454.7	6351.6	6288.0



REPORT NUMBER: P558998 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-940-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°	5234.1	5233.2	5231.8	5271.5	5231.8	5233.2	5234.1	5129.0	5110.1	5001.1	5028.5
-25°	4113.2	4126.8	4098.0	4072.8	4098.0	4126.8	4113.2	4063.0	4024.7	4018.4	3967.0
-27.5°	3252.0	3270.3	3245.2	3224.8	3245.2	3270.3	3252.0	3253.0	3198.2	3236.6	3171.8
-30°	2626.4	2636.0	2607.5	2619.7	2607.5	2636.0	2626.4	2649.3	2612.4	2631.9	2619.5
-32.5°	2189.8	2191.1	2166.9	2161.3	2166.9	2191.1	2189.8	2197.2	2182.4	2177.1	2192.2
-35°	1854.2	1850.6	1834.6	1835.9	1834.6	1850.6	1854.2	1860.6	1862.8	1841.4	1868.6
-37.5°	1617.4	1614.8	1604.3	1599.8	1604.3	1614.8	1617.4	1616.4	1622.6	1608.5	1621.0
-40°	1437.3	1436.6	1431.9	1430.2	1431.9	1436.6	1437.3	1431.7	1438.2	1429.8	1427.7
-42.5°	1297.9	1295.2	1291.9	1292.7	1291.9	1295.2	1297.9	1294.7	1298.1	1292.3	1278.7
-45°	1192.0	1189.6	1187.0	1187.2	1187.0	1189.6	1192.0	1189.0	1187.5	1182.7	1171.8
-47.5°	1103.8	1104.6	1104.7	1104.7	1104.7	1104.6	1103.8	1099.8	1097.0	1093.2	1083.8
-50°	1029.2	1029.5	1029.5	1029.1	1029.5	1029.5	1029.2	1025.9	1021.2	1016.2	1007.1
-52.5°	964.0	966.5	967.6	967.2	967.6	966.5	964.0	959.0	952.4	946.0	936.0
-55°	901.4	904.6	905.8	905.3	905.8	904.6	901.4	896.2	888.9	881.8	872.0
-57.5°	842.3	846.7	846.6	843.4	846.6	846.7	842.3	836.1	828.2	820.1	810.3
-60°	778.3	782.6	783.4	781.6	783.4	782.6	778.3	772.3	764.6	756.1	745.9
-62.5°	710.3	714.3	716.6	717.4	716.6	714.3	710.3	704.7	697.4	688.7	678.3
-65°	641.2	645.5	647.9	648.6	647.9	645.5	641.2	635.3	628.1	619.5	609.7
-67.5°	568.6	572.6	575.7	577.6	575.7	572.6	568.6	563.2	556.4	548.6	539.9
-70°	494.9	499.2	499.2	497.4	499.2	499.2	494.9	489.4	482.7	475.3	467.7
-72.5°	416.1	419.4	420.0	419.4	420.0	419.4	416.1	411.8	406.7	401.0	394.9
-75°	336.4	337.5	337.7	336.9	337.7	337.5	336.4	334.4	331.3	327.2	322.3
-77.5°	260.5	262.2	263.2	263.6	263.2	262.2	260.5	258.1	255.2	252.0	249.9
-80°	189.4	189.4	188.9	187.9	188.9	189.4	189.4	189.0	188.1	186.7	185.6
-82.5°	132.0	132.3	132.7	132.9	132.7	132.3	132.0	131.5	130.7	129.6	129.2
-85°	75.9	75.2	76.7	77.9	76.7	75.2	75.9	76.4	76.7	76.8	76.1
-87.5°	27.8	27.4	28.6	29.8	28.6	27.4	27.8	28.2	28.5	28.8	29.0
-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: P558998 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-940-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°	29.1	29.1	29.1	30.0	30.8	31.4	31.9	30.9	29.9	28.7	27.6
85°	75.3	74.3	73.1	72.0	70.8	69.5	68.3	67.2	65.8	64.0	61.8
82.5°	128.3	127.1	125.3	122.0	118.5	114.8	111.1	109.2	106.9	104.3	101.4
80°	183.9	181.9	179.4	176.0	171.8	166.7	161.3	157.2	152.5	147.8	144.2
77.5°	247.1	243.6	239.5	235.2	230.1	224.3	218.2	212.8	207.0	200.3	194.5
75°	316.9	310.9	304.9	299.2	292.7	285.5	278.7	272.4	264.9	256.2	249.2
72.5°	387.9	379.9	371.8	364.1	355.9	347.0	339.8	333.4	325.1	314.8	307.9
70°	459.0	449.4	439.6	429.4	418.4	407.0	400.2	394.4	386.6	376.2	369.9
67.5°	529.9	518.7	508.0	496.6	483.8	469.7	462.6	454.8	446.0	435.5	432.7
65°	598.8	586.7	576.7	564.6	550.7	535.4	529.1	520.6	509.8	498.3	496.5
62.5°	665.9	651.7	642.0	630.6	616.9	604.2	597.9	588.4	576.0	567.5	566.3
60°	734.0	721.5	710.9	698.1	683.0	673.3	667.8	658.0	643.8	640.4	638.8
57.5°	798.5	787.6	778.0	765.7	750.5	745.8	740.4	730.0	715.4	717.4	714.1
55°	859.6	851.4	843.6	832.0	818.0	819.5	815.3	805.2	796.5	799.1	795.0
52.5°	922.6	919.0	911.9	899.3	893.4	896.9	891.9	882.0	883.8	886.7	880.1
50°	996.3	994.3	987.0	974.7	978.1	981.2	977.1	964.8	976.6	979.3	970.6
47.5°	1079.2	1078.9	1069.7	1058.8	1072.1	1074.6	1069.7	1070.5	1080.7	1077.9	1067.2
45°	1175.5	1176.4	1166.9	1168.5	1177.8	1179.8	1170.3	1188.0	1194.3	1188.4	1169.4
42.5°	1292.2	1290.9	1280.1	1296.8	1302.1	1299.2	1302.3	1320.7	1320.9	1307.6	1308.6
40°	1438.8	1430.4	1432.7	1448.2	1450.6	1434.4	1463.9	1471.0	1464.5	1439.8	1474.5
37.5°	1624.9	1609.0	1629.0	1633.5	1626.2	1635.0	1656.1	1651.7	1624.0	1648.3	1669.9
35°	1860.4	1855.0	1873.8	1867.8	1839.0	1886.5	1892.8	1863.0	1853.0	1897.4	1894.8
32.5°	2154.6	2185.9	2182.5	2155.5	2173.2	2183.5	2169.5	2119.4	2183.5	2200.4	2161.2
30°	2593.4	2608.7	2575.3	2558.5	2589.7	2554.7	2482.8	2555.9	2583.8	2549.1	2462.2
27.5°	3191.4	3147.1	3086.1	3125.1	3088.6	3004.7	3030.3	3067.3	3035.0	2951.4	2852.9
25°	3952.3	3827.4	3858.4	3831.6	3711.0	3688.5	3726.0	3684.1	3567.4	3442.1	3579.9
22.5°	4908.3	4862.2	4811.5	4660.0	4623.3	4633.9	4543.4	4374.8	4272.2	4403.6	4407.8
20°	6193.1	6113.3	5939.1	5874.3	5841.4	5684.7	5457.3	5434.2	5541.8	5486.6	5320.2
17.5°	7734.8	7525.0	7488.7	7387.2	7194.2	6886.9	7003.5	7043.7	6941.2	6654.5	6305.2
15°	9396.9	9517.6	9412.6	9101.8	8917.8	9056.5	8988.6	8764.3	8453.3	7928.6	7334.3
12.5°	12124.7	11947.7	11505.6	11668.0	11622.2	11453.8	11110.3	10616.9	9971.0	9121.3	8265.0
10°	15290.6	15162.7	15034.1	14820.5	14469.0	13969.5	13134.9	12207.9	11243.1	10240.8	9200.7
7.5°	19415.8	19070.6	18630.9	17846.5	16866.0	15855.1	14797.0	13691.0	12512.8	11343.3	10127.9
5°	23168.9	22154.0	21118.4	20042.0	18853.4	17644.0	16423.2	15148.5	13760.2	12413.7	11026.8
2.5°	25534.9	24478.6	23337.3	22093.6	20563.7	19019.1	17474.9	15931.3	14278.4	12721.6	11165.5
0°	26586.8	25356.0	23946.5	22546.1	21019.6	19408.4	17680.2	16096.5	14405.0	12821.3	11244.4
-2.5°	25534.9	24478.6	23337.3	22093.6	20563.7	19019.1	17474.9	15931.3	14278.4	12721.6	11165.5
-5°	23168.9	22154.0	21118.4	20042.0	18853.4	17644.0	16423.2	15148.5	13760.2	12413.7	11026.8
-7.5°	19415.8	19070.6	18630.9	17846.5	16866.0	15855.1	14797.0	13691.0	12512.8	11343.3	10127.9
-10°	15290.6	15162.7	15034.1	14820.5	14469.0	13969.5	13134.9	12207.9	11243.1	10240.8	9200.7
-12.5°	12124.7	11947.7	11505.6	11668.0	11622.2	11453.8	11110.3	10616.9	9971.0	9121.3	8265.0
-15°	9396.9	9517.6	9412.6	9101.8	8917.8	9056.5	8988.6	8764.3	8453.3	7928.6	7334.3
-17.5°	7734.8	7525.0	7488.7	7387.2	7194.2	6886.9	7003.5	7043.7	6941.2	6654.5	6305.2
-20°	6193.1	6113.3	5939.1	5874.3	5841.4	5684.7	5457.3	5434.2	5541.8	5486.6	5320.2



REPORT NUMBER: P558998 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-940-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4908.3	4862.2	4811.5	4660.0	4623.3	4633.9	4543.4	4374.8	4272.2	4403.6	4407.8
-25°	3952.3	3827.4	3858.4	3831.6	3711.0	3688.5	3726.0	3684.1	3567.4	3442.1	3579.9
-27.5°	3191.4	3147.1	3086.1	3125.1	3088.6	3004.7	3030.3	3067.3	3035.0	2951.4	2852.9
-30°	2593.4	2608.7	2575.3	2558.5	2589.7	2554.7	2482.8	2555.9	2583.8	2549.1	2462.2
-32.5°	2154.6	2185.9	2182.5	2155.5	2173.2	2183.5	2169.5	2119.4	2183.5	2200.4	2161.2
-35°	1860.4	1855.0	1873.8	1867.8	1839.0	1886.5	1892.8	1863.0	1853.0	1897.4	1894.8
-37.5°	1624.9	1609.0	1629.0	1633.5	1626.2	1635.0	1656.1	1651.7	1624.0	1648.3	1669.9
-40°	1438.8	1430.4	1432.7	1448.2	1450.6	1434.4	1463.9	1471.0	1464.5	1439.8	1474.5
-42.5°	1292.2	1290.9	1280.1	1296.8	1302.1	1299.2	1302.3	1320.7	1320.9	1307.6	1308.6
-45°	1175.5	1176.4	1166.9	1168.5	1177.8	1179.8	1170.3	1188.0	1194.3	1188.4	1169.4
-47.5°	1079.2	1078.9	1069.7	1058.8	1072.1	1074.6	1069.7	1070.5	1080.7	1077.9	1067.2
-50°	996.3	994.3	987.0	974.7	978.1	981.2	977.1	964.8	976.6	979.3	970.6
-52.5°	922.6	919.0	911.9	899.3	893.4	896.9	891.9	882.0	883.8	886.7	880.1
-55°	859.6	851.4	843.6	832.0	818.0	819.5	815.3	805.2	796.5	799.1	795.0
-57.5°	798.5	787.6	778.0	765.7	750.5	745.8	740.4	730.0	715.4	717.4	714.1
-60°	734.0	721.5	710.9	698.1	683.0	673.3	667.8	658.0	643.8	640.4	638.8
-62.5°	665.9	651.7	642.0	630.6	616.9	604.2	597.9	588.4	576.0	567.5	566.3
-65°	598.8	586.7	576.7	564.6	550.7	535.4	529.1	520.6	509.8	498.3	496.5
-67.5°	529.9	518.7	508.0	496.6	483.8	469.7	462.6	454.8	446.0	435.5	432.7
-70°	459.0	449.4	439.6	429.4	418.4	407.0	400.2	394.4	386.6	376.2	369.9
-72.5°	387.9	379.9	371.8	364.1	355.9	347.0	339.8	333.4	325.1	314.8	307.9
-75°	316.9	310.9	304.9	299.2	292.7	285.5	278.7	272.4	264.9	256.2	249.2
-77.5°	247.1	243.6	239.5	235.2	230.1	224.3	218.2	212.8	207.0	200.3	194.5
-80°	183.9	181.9	179.4	176.0	171.8	166.7	161.3	157.2	152.5	147.8	144.2
-82.5°	128.3	127.1	125.3	122.0	118.5	114.8	111.1	109.2	106.9	104.3	101.4
-85°	75.3	74.3	73.1	72.0	70.8	69.5	68.3	67.2	65.8	64.0	61.8
-87.5°	29.1	29.1	29.1	30.0	30.8	31.4	31.9	30.9	29.9	28.7	27.6
-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: P558998 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-940-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°	26.7	25.8	24.8	23.7	22.5	21.2	19.8	18.4	17.1	15.7	14.1
85°	59.7	57.2	54.2	50.7	46.9	42.4	39.6	36.8	34.2	31.3	28.2
82.5°	98.7	95.5	91.8	87.6	84.0	79.1	72.9	65.5	57.2	47.9	42.3
80°	143.0	140.1	135.5	129.3	123.1	116.0	109.1	100.4	89.8	78.0	65.1
77.5°	192.0	187.9	182.1	175.6	167.6	158.3	147.8	135.9	122.3	108.0	92.3
75°	245.3	240.5	233.9	224.9	213.7	200.8	188.0	173.8	157.5	138.3	119.3
72.5°	303.4	296.6	287.5	275.5	262.4	247.2	229.9	211.9	193.6	172.1	147.3
70°	363.7	354.8	344.0	331.3	314.4	293.8	274.0	253.7	230.0	205.9	178.3
67.5°	426.1	416.1	402.9	388.6	370.8	347.9	319.7	296.8	271.4	239.9	209.2
65°	491.0	479.7	463.4	449.2	429.2	403.7	373.5	343.1	313.2	279.2	240.0
62.5°	559.2	546.6	531.1	512.6	489.6	461.7	428.3	395.8	356.8	318.5	274.6
60°	631.3	617.6	601.7	581.9	554.2	521.0	486.8	448.8	406.3	358.1	310.7
57.5°	705.8	690.8	677.6	654.6	623.4	584.7	547.7	506.2	455.9	402.4	346.8
55°	783.1	769.1	757.2	732.5	696.2	652.5	614.1	566.9	507.4	447.7	382.7
52.5°	865.7	855.8	841.5	814.0	774.2	727.4	689.2	629.1	565.8	492.9	422.9
50°	952.8	952.5	933.6	900.4	854.9	816.3	768.2	703.1	625.1	540.7	463.9
47.5°	1060.1	1058.6	1036.3	993.2	941.1	911.9	857.6	781.0	685.3	595.3	505.0
45°	1182.2	1173.9	1146.7	1098.4	1051.8	1020.4	954.2	861.6	758.8	651.2	546.2
42.5°	1317.6	1302.9	1265.0	1208.8	1189.9	1140.4	1055.9	953.5	834.1	707.0	591.9
40°	1476.2	1445.2	1392.9	1364.4	1344.8	1270.4	1173.3	1050.1	910.9	766.7	640.3
37.5°	1651.5	1606.2	1536.4	1557.9	1517.0	1425.1	1299.0	1149.9	991.3	834.4	688.0
35°	1856.7	1785.7	1787.4	1784.2	1714.4	1590.5	1431.2	1258.0	1080.3	901.8	735.1
32.5°	2081.2	2062.7	2094.4	2043.1	1930.3	1766.1	1579.1	1377.0	1170.5	968.7	781.4
30°	2399.8	2476.1	2442.4	2327.9	2168.8	1967.5	1737.9	1498.7	1261.5	1034.9	829.0
27.5°	2949.3	2946.7	2834.3	2657.0	2436.4	2181.1	1898.5	1622.5	1352.9	1104.2	882.9
25°	3569.6	3480.7	3287.4	3019.1	2720.2	2394.8	2061.7	1748.2	1452.3	1178.9	935.3
22.5°	4277.9	4062.4	3778.7	3404.8	3000.8	2614.7	2235.6	1885.7	1555.1	1252.2	985.8
20°	5044.0	4682.8	4292.9	3782.9	3303.7	2854.1	2419.7	2021.9	1656.5	1323.6	1034.3
17.5°	5864.3	5323.0	4782.5	4192.4	3621.6	3095.6	2603.4	2155.9	1755.6	1392.6	1080.3
15°	6659.1	5963.1	5286.5	4604.7	3940.8	3336.5	2784.8	2286.5	1851.6	1458.6	1116.6
12.5°	7442.6	6612.1	5797.7	5015.0	4257.5	3574.2	2962.0	2412.6	1943.5	1505.9	1140.2
10°	8224.6	7260.8	6308.3	5418.3	4567.7	3805.5	3132.9	2510.9	1986.9	1536.2	1159.7
7.5°	8994.8	7899.5	6810.3	5808.9	4834.8	3956.8	3206.0	2555.4	2015.5	1560.6	1175.2
5°	9623.2	8316.3	7038.7	5924.7	4909.9	4016.9	3251.1	2589.9	2035.2	1579.1	1186.5
2.5°	9708.1	8384.8	7072.8	5970.4	4960.0	4058.0	3281.0	2613.9	2046.3	1591.4	1193.5
0°	9740.9	8406.9	7068.4	5984.3	4985.0	4079.7	3295.8	2626.6	2049.0	1597.5	1196.4
-2.5°	9708.1	8384.8	7072.8	5970.4	4960.0	4058.0	3281.0	2613.9	2046.3	1591.4	1193.5
-5°	9623.2	8316.3	7038.7	5924.7	4909.9	4016.9	3251.1	2589.9	2035.2	1579.1	1186.5
-7.5°	8994.8	7899.5	6810.3	5808.9	4834.8	3956.8	3206.0	2555.4	2015.5	1560.6	1175.2
-10°	8224.6	7260.8	6308.3	5418.3	4567.7	3805.5	3132.9	2510.9	1986.9	1536.2	1159.7
-12.5°	7442.6	6612.1	5797.7	5015.0	4257.5	3574.2	2962.0	2412.6	1943.5	1505.9	1140.2
-15°	6659.1	5963.1	5286.5	4604.7	3940.8	3336.5	2784.8	2286.5	1851.6	1458.6	1116.6
-17.5°	5864.3	5323.0	4782.5	4192.4	3621.6	3095.6	2603.4	2155.9	1755.6	1392.6	1080.3
-20°	5044.0	4682.8	4292.9	3782.9	3303.7	2854.1	2419.7	2021.9	1656.5	1323.6	1034.3



REPORT NUMBER: P558998 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-940-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°	4277.9	4062.4	3778.7	3404.8	3000.8	2614.7	2235.6	1885.7	1555.1	1252.2	985.8
-25°	3569.6	3480.7	3287.4	3019.1	2720.2	2394.8	2061.7	1748.2	1452.3	1178.9	935.3
-27.5°	2949.3	2946.7	2834.3	2657.0	2436.4	2181.1	1898.5	1622.5	1352.9	1104.2	882.9
-30°	2399.8	2476.1	2442.4	2327.9	2168.8	1967.5	1737.9	1498.7	1261.5	1034.9	829.0
-32.5°	2081.2	2062.7	2094.4	2043.1	1930.3	1766.1	1579.1	1377.0	1170.5	968.7	781.4
-35°	1856.7	1785.7	1787.4	1784.2	1714.4	1590.5	1431.2	1258.0	1080.3	901.8	735.1
-37.5°	1651.5	1606.2	1536.4	1557.9	1517.0	1425.1	1299.0	1149.9	991.3	834.4	688.0
-40°	1476.2	1445.2	1392.9	1364.4	1344.8	1270.4	1173.3	1050.1	910.9	766.7	640.3
-42.5°	1317.6	1302.9	1265.0	1208.8	1189.9	1140.4	1055.9	953.5	834.1	707.0	591.9
-45°	1182.2	1173.9	1146.7	1098.4	1051.8	1020.4	954.2	861.6	758.8	651.2	546.2
-47.5°	1060.1	1058.6	1036.3	993.2	941.1	911.9	857.6	781.0	685.3	595.3	505.0
-50°	952.8	952.5	933.6	900.4	854.9	816.3	768.2	703.1	625.1	540.7	463.9
-52.5°	865.7	855.8	841.5	814.0	774.2	727.4	689.2	629.1	565.8	492.9	422.9
-55°	783.1	769.1	757.2	732.5	696.2	652.5	614.1	566.9	507.4	447.7	382.7
-57.5°	705.8	690.8	677.6	654.6	623.4	584.7	547.7	506.2	455.9	402.4	346.8
-60°	631.3	617.6	601.7	581.9	554.2	521.0	486.8	448.8	406.3	358.1	310.7
-62.5°	559.2	546.6	531.1	512.6	489.6	461.7	428.3	395.8	356.8	318.5	274.6
-65°	491.0	479.7	463.4	449.2	429.2	403.7	373.5	343.1	313.2	279.2	240.0
-67.5°	426.1	416.1	402.9	388.6	370.8	347.9	319.7	296.8	271.4	239.9	209.2
-70°	363.7	354.8	344.0	331.3	314.4	293.8	274.0	253.7	230.0	205.9	178.3
-72.5°	303.4	296.6	287.5	275.5	262.4	247.2	229.9	211.9	193.6	172.1	147.3
-75°	245.3	240.5	233.9	224.9	213.7	200.8	188.0	173.8	157.5	138.3	119.3
-77.5°	192.0	187.9	182.1	175.6	167.6	158.3	147.8	135.9	122.3	108.0	92.3
-80°	143.0	140.1	135.5	129.3	123.1	116.0	109.1	100.4	89.8	78.0	65.1
-82.5°	98.7	95.5	91.8	87.6	84.0	79.1	72.9	65.5	57.2	47.9	42.3
-85°	59.7	57.2	54.2	50.7	46.9	42.4	39.6	36.8	34.2	31.3	28.2
-87.5°	26.7	25.8	24.8	23.7	22.5	21.2	19.8	18.4	17.1	15.7	14.1
-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: P558998 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-940-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°	12.4	11.0	9.3	7.4	5.2	2.6	0.0
85°	24.9	22.1	18.7	14.8	10.4	5.2	0.0
82.5°	37.4	33.1	28.0	22.2	15.5	7.8	0.0
80°	51.2	44.1	37.3	29.5	20.7	10.3	0.0
77.5°	75.4	58.5	46.6	36.9	25.8	12.9	0.0
75°	99.4	79.3	57.3	44.2	30.8	15.4	0.0
72.5°	123.4	100.0	74.4	51.4	35.8	17.9	0.0
70°	147.8	120.5	91.3	59.7	40.7	20.4	0.0
67.5°	175.7	140.9	108.1	72.6	45.6	22.8	0.0
65°	203.4	163.0	124.7	85.4	50.3	25.2	0.0
62.5°	231.0	186.8	141.1	98.0	55.0	27.5	0.0
60°	258.5	210.5	157.2	110.3	59.5	29.8	0.0
57.5°	289.6	233.8	176.3	122.5	67.6	32.0	0.0
55°	320.9	256.9	195.1	134.4	75.5	34.2	0.0
52.5°	351.8	280.3	213.7	146.0	83.2	36.3	0.0
50°	382.2	305.8	231.9	157.4	90.7	38.3	0.0
47.5°	412.9	330.9	249.8	169.0	98.0	40.3	0.0
45°	448.6	355.4	267.2	182.1	104.9	42.1	0.0
42.5°	483.9	379.2	284.1	194.8	111.7	43.9	0.0
40°	518.9	402.4	301.6	206.7	118.1	45.7	0.0
37.5°	553.4	424.9	319.4	217.7	124.3	47.3	0.0
35°	587.4	450.4	336.5	228.0	130.1	48.8	0.0
32.5°	622.3	477.1	352.9	237.6	135.7	50.3	0.0
30°	659.6	503.0	368.5	246.6	140.9	51.6	0.0
27.5°	695.6	527.9	381.5	254.7	145.8	52.9	0.0
25°	730.2	551.8	393.5	262.2	150.3	54.0	0.0
22.5°	763.3	573.1	404.6	268.9	154.5	55.1	0.0
20°	794.8	589.3	414.7	274.9	158.3	56.0	0.0
17.5°	818.4	603.6	424.0	280.1	161.7	56.8	0.0
15°	836.1	615.9	432.2	284.5	164.7	57.6	0.0
12.5°	851.2	626.2	439.4	288.2	167.3	58.2	0.0
10°	863.8	634.5	445.5	291.2	169.5	58.7	0.0
7.5°	873.7	640.9	450.5	293.4	171.3	59.1	0.0
5°	880.8	645.4	454.3	294.9	172.7	59.4	0.0
2.5°	885.3	647.9	457.0	295.6	173.7	59.5	0.0
0°	887.0	648.6	458.4	295.7	174.2	59.6	0.0
-2.5°	885.3	647.9	457.0	295.6	173.7	59.5	0.0
-5°	880.8	645.4	454.3	294.9	172.7	59.4	0.0
-7.5°	873.7	640.9	450.5	293.4	171.3	59.1	0.0
-10°	863.8	634.5	445.5	291.2	169.5	58.7	0.0
-12.5°	851.2	626.2	439.4	288.2	167.3	58.2	0.0
-15°	836.1	615.9	432.2	284.5	164.7	57.6	0.0
-17.5°	818.4	603.6	424.0	280.1	161.7	56.8	0.0
-20°	794.8	589.3	414.7	274.9	158.3	56.0	0.0



REPORT NUMBER: P558998 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-940-U-NAT-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	763.3	573.1	404.6	268.9	154.5	55.1	0.0
-25°	730.2	551.8	393.5	262.2	150.3	54.0	0.0
-27.5°	695.6	527.9	381.5	254.7	145.8	52.9	0.0
-30°	659.6	503.0	368.5	246.6	140.9	51.6	0.0
-32.5°	622.3	477.1	352.9	237.6	135.7	50.3	0.0
-35°	587.4	450.4	336.5	228.0	130.1	48.8	0.0
-37.5°	553.4	424.9	319.4	217.7	124.3	47.3	0.0
-40°	518.9	402.4	301.6	206.7	118.1	45.7	0.0
-42.5°	483.9	379.2	284.1	194.8	111.7	43.9	0.0
-45°	448.6	355.4	267.2	182.1	104.9	42.1	0.0
-47.5°	412.9	330.9	249.8	169.0	98.0	40.3	0.0
-50°	382.2	305.8	231.9	157.4	90.7	38.3	0.0
-52.5°	351.8	280.3	213.7	146.0	83.2	36.3	0.0
-55°	320.9	256.9	195.1	134.4	75.5	34.2	0.0
-57.5°	289.6	233.8	176.3	122.5	67.6	32.0	0.0
-60°	258.5	210.5	157.2	110.3	59.5	29.8	0.0
-62.5°	231.0	186.8	141.1	98.0	55.0	27.5	0.0
-65°	203.4	163.0	124.7	85.4	50.3	25.2	0.0
-67.5°	175.7	140.9	108.1	72.6	45.6	22.8	0.0
-70°	147.8	120.5	91.3	59.7	40.7	20.4	0.0
-72.5°	123.4	100.0	74.4	51.4	35.8	17.9	0.0
-75°	99.4	79.3	57.3	44.2	30.8	15.4	0.0
-77.5°	75.4	58.5	46.6	36.9	25.8	12.9	0.0
-80°	51.2	44.1	37.3	29.5	20.7	10.3	0.0
-82.5°	37.4	33.1	28.0	22.2	15.5	7.8	0.0
-85°	24.9	22.1	18.7	14.8	10.4	5.2	0.0
-87.5°	12.4	11.0	9.3	7.4	5.2	2.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)