

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: P558861 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-935-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558861 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-5)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA3E-935-U-MWR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (48) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

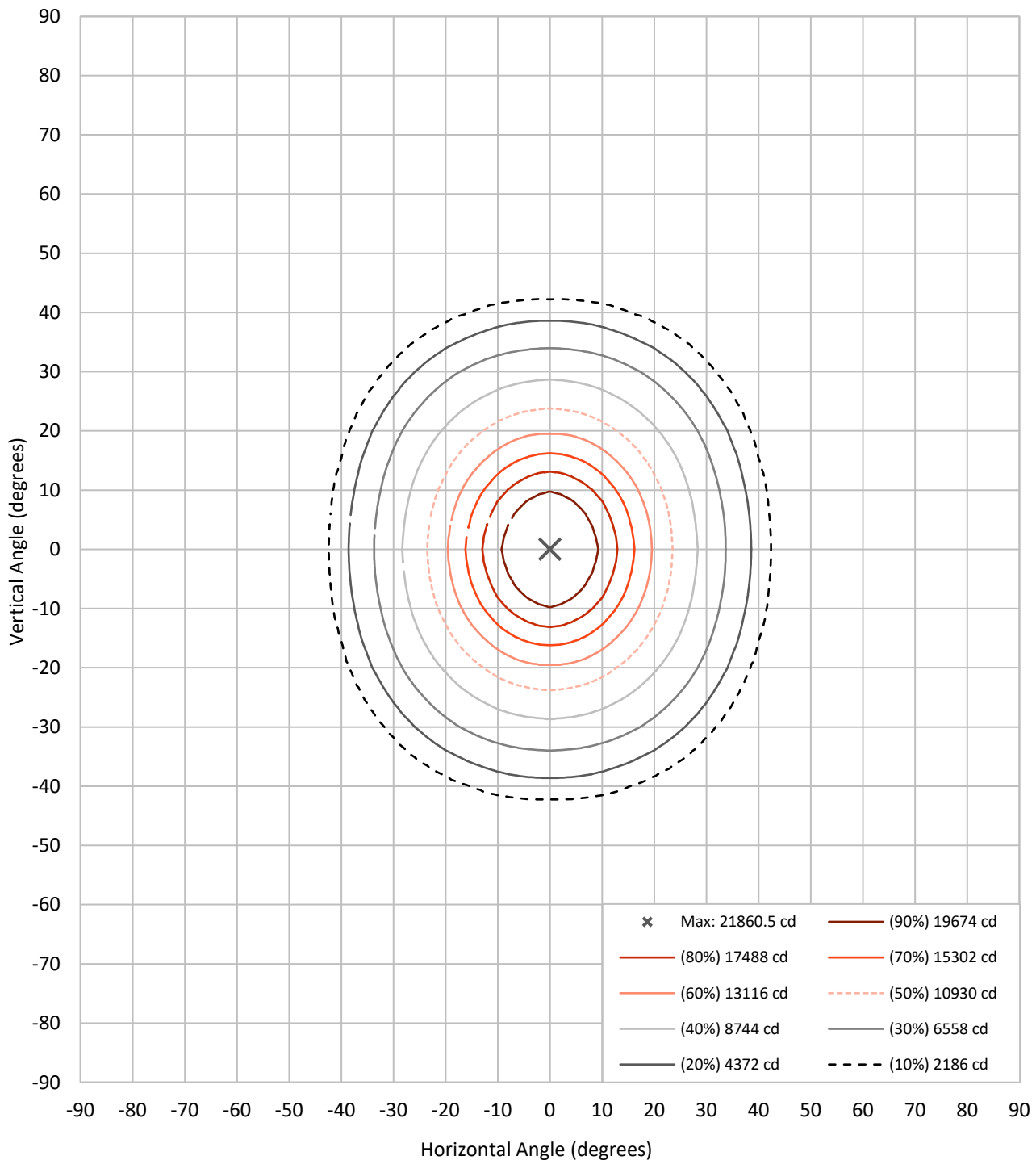
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	17017.2 lumens	Max Intensity:	21860.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	93.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	8029.9 lumens	Field Lumens:	15451.6 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 182
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-SA3E-935-U-MWR-XX

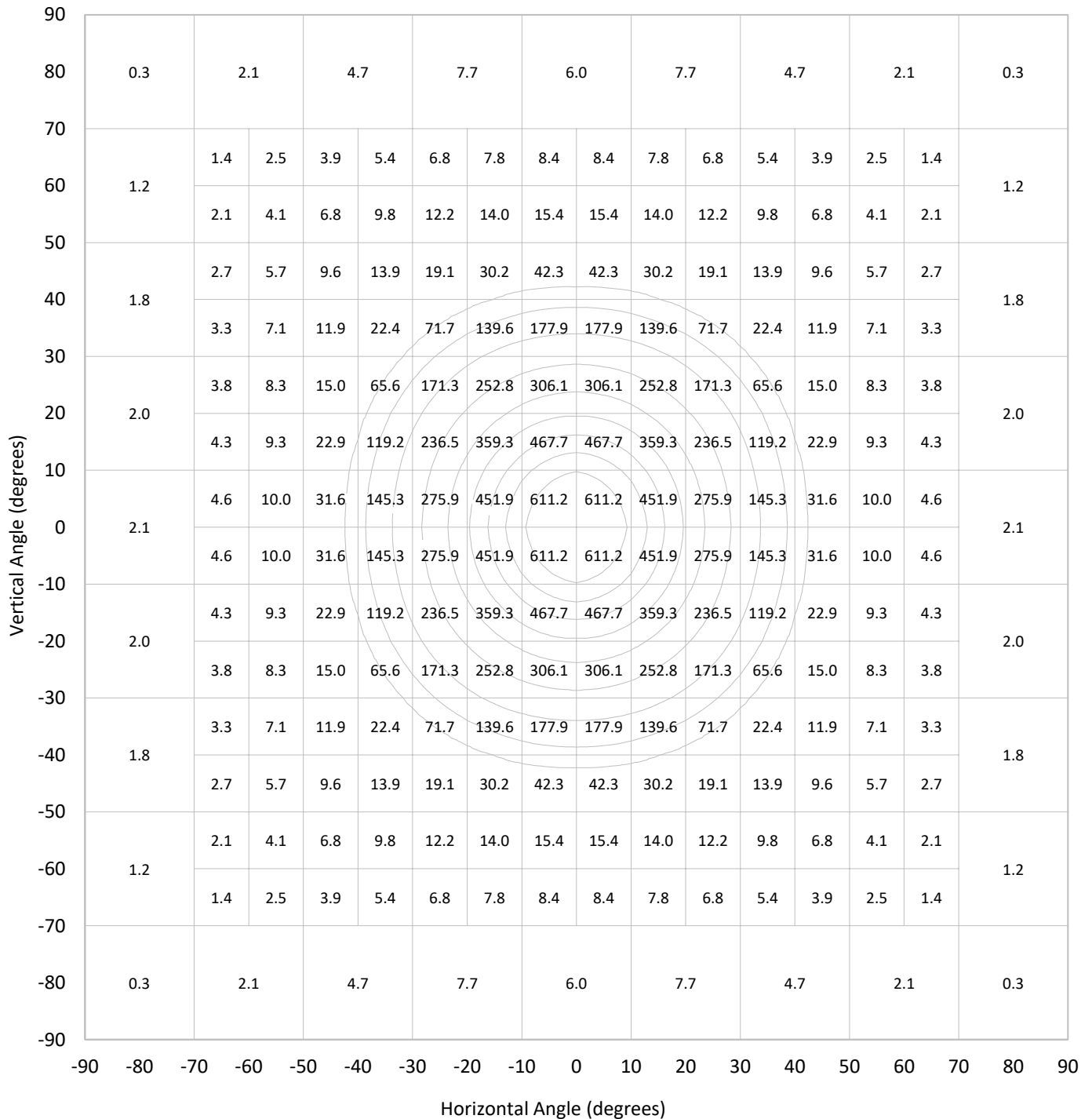
Iso-Candela Plot





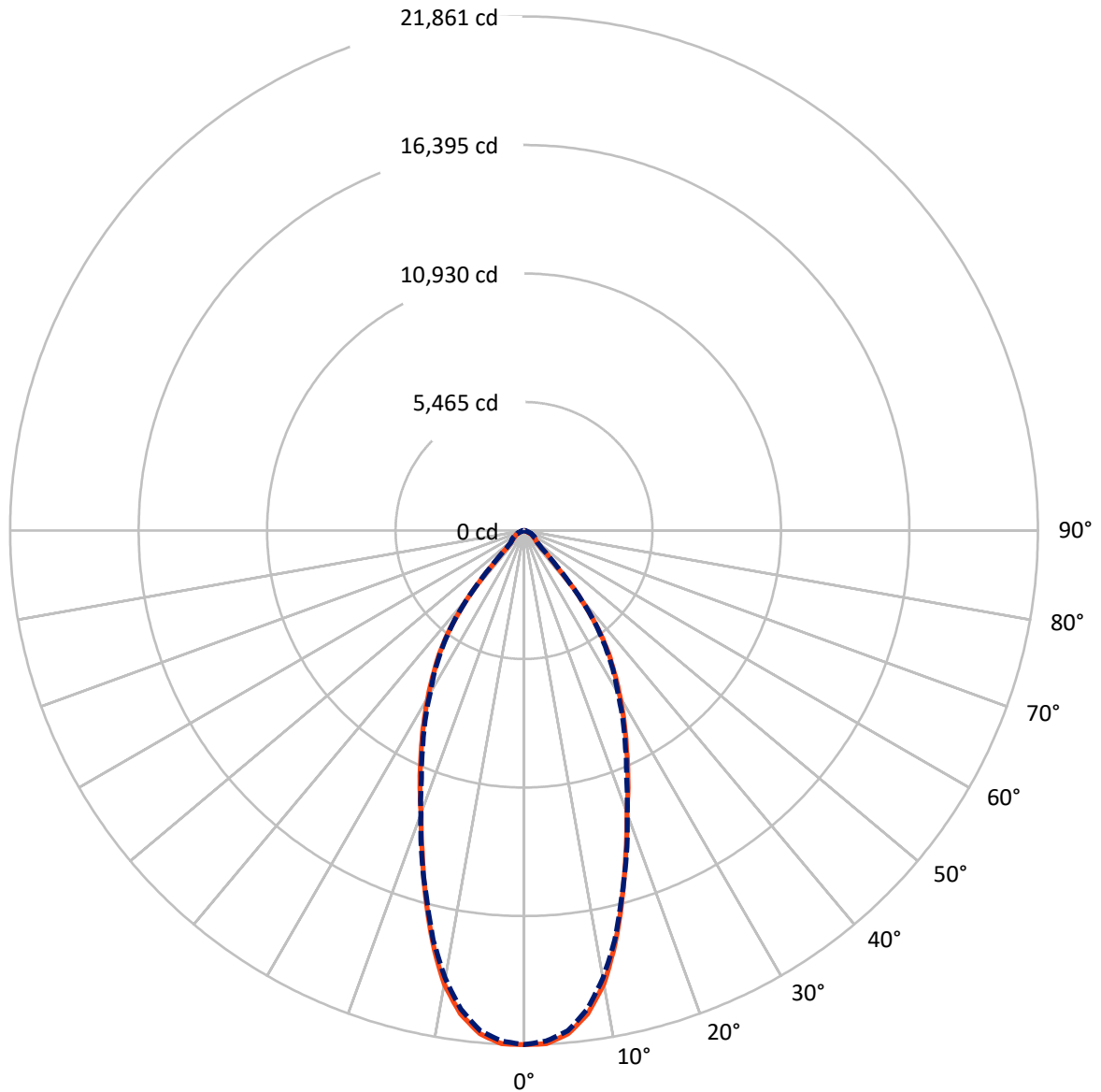
REPORT NUMBER: P558861 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-935-U-MWR-XX

Lumen Table



REPORT NUMBER: P558861 (CONVERTED FROM TYPE C PHOTOMETRY)
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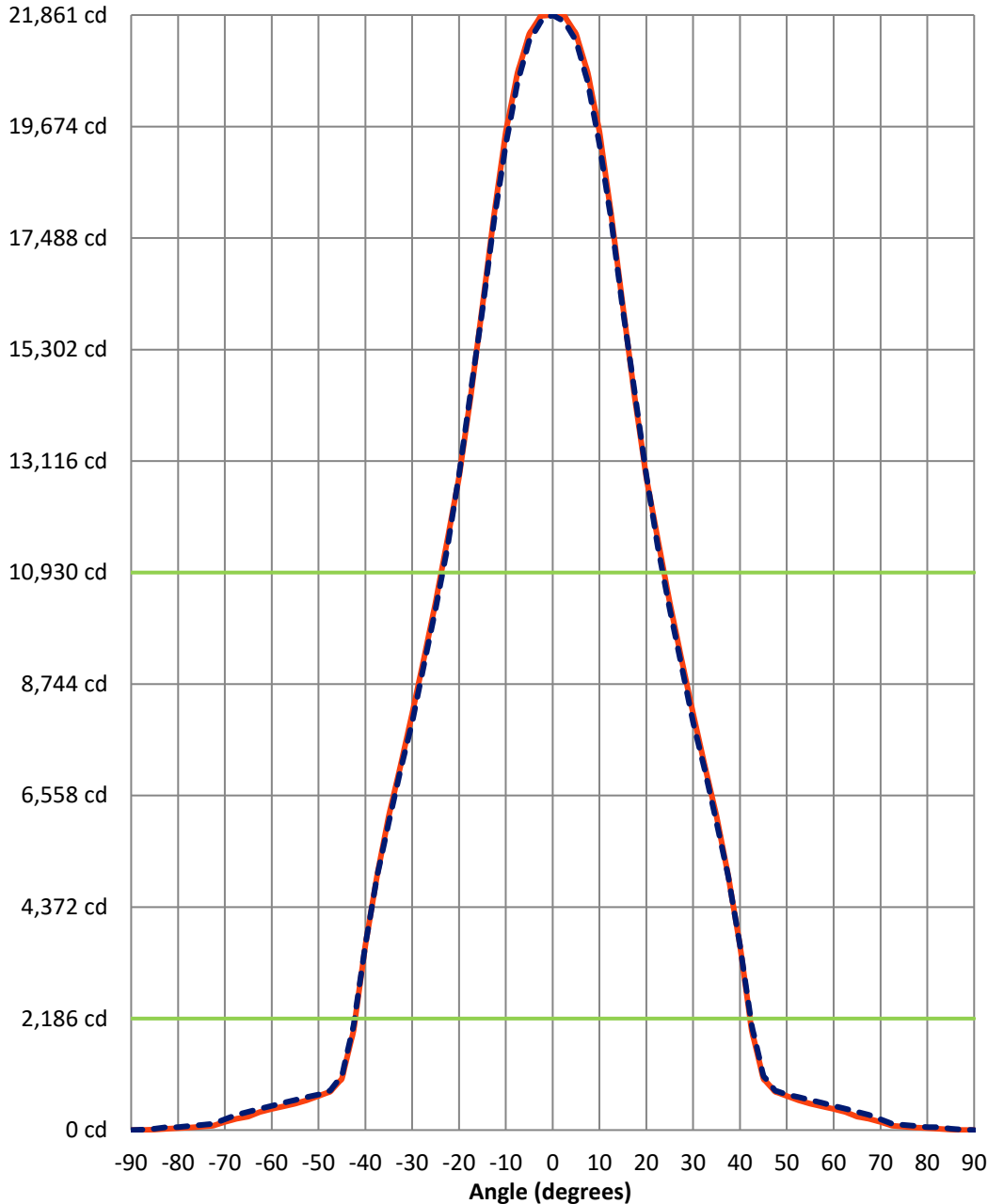
Luminous Intensity Polar Plot



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

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 CATALOG NUMBER: GFLD-SA3E-935-U-MWR-XX

Luminous Intensity Plot



Beam:
 H Angle: 47°
 V Angle: 47.6°
 Lumens: 8029.9
 Efficiency: 47.2%

Field:
 H Angle: 84.6°
 V Angle: 84.3°
 Lumens: 15451.6
 Efficiency: 90.8%

Spill:
 Lumens: 1565.6
 Efficiency: 9.2%

- 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	0.4	0.7	1.2	1.7	2.3	3.0	3.3	3.6	3.9	4.1
85°	0.0	0.7	1.4	2.4	3.4	4.6	5.9	6.7	7.3	7.8	8.3
82.5°	0.0	1.1	2.1	3.5	5.1	6.9	8.9	10.0	11.2	13.4	15.1
80°	0.0	1.4	2.8	4.7	6.8	9.1	12.3	16.3	19.4	21.8	23.5
77.5°	0.0	1.8	3.5	5.8	8.4	12.5	19.2	24.0	27.6	30.2	32.7
75°	0.0	2.1	4.2	6.9	10.5	17.8	26.1	31.8	36.0	40.6	44.0
72.5°	0.0	2.5	4.9	8.0	14.3	23.0	32.8	40.2	46.5	51.6	55.5
70°	0.0	2.8	5.6	9.4	18.1	28.1	39.5	49.9	57.1	62.9	71.9
67.5°	0.0	3.1	6.3	11.9	21.8	33.0	47.2	59.7	67.7	77.0	88.9
65°	0.0	3.5	6.9	14.4	25.3	38.2	54.7	69.5	78.8	90.6	104.9
62.5°	0.0	3.8	7.6	16.8	28.7	43.8	61.8	78.3	89.4	103.7	119.7
60°	0.0	4.1	8.2	19.1	32.0	49.1	68.6	86.4	99.4	116.9	134.3
57.5°	0.0	4.4	9.6	21.3	35.7	54.1	73.2	93.5	110.6	129.9	147.0
55°	0.0	4.7	11.0	23.4	39.3	58.8	77.1	98.8	122.0	142.2	158.7
52.5°	0.0	5.0	12.4	25.4	42.6	62.8	80.5	105.8	133.2	152.6	170.2
50°	0.0	5.3	13.7	27.3	45.7	64.8	83.2	112.4	143.5	162.8	182.9
47.5°	0.0	5.5	15.0	29.1	48.6	66.4	85.7	118.2	152.4	172.8	195.4
45°	0.0	5.8	16.1	31.0	51.2	67.6	89.9	123.2	156.9	183.5	207.4
42.5°	0.0	6.0	17.3	32.8	53.6	68.4	93.4	126.7	160.5	193.8	219.6
40°	0.0	6.3	18.4	34.7	54.8	68.8	96.3	129.0	163.5	202.9	231.4
37.5°	0.0	6.5	19.4	36.7	55.0	68.8	98.5	130.7	166.9	207.4	242.8
35°	0.0	6.7	20.3	38.6	54.9	69.6	100.1	131.6	169.7	214.0	253.7
32.5°	0.0	6.9	21.2	40.4	54.6	70.7	100.9	131.8	172.0	222.1	263.6
30°	0.0	7.1	22.0	42.2	54.0	71.4	100.8	131.8	173.7	231.4	273.3
27.5°	0.0	7.3	22.8	43.9	54.6	71.6	100.2	132.7	177.1	242.0	282.9
25°	0.0	7.4	23.5	45.5	55.2	71.3	99.1	133.0	184.2	250.8	292.3
22.5°	0.0	7.6	24.1	47.1	55.7	71.5	97.5	132.9	191.6	258.1	303.8
20°	0.0	7.7	24.6	48.5	56.2	73.4	95.5	132.2	199.2	264.9	314.3
17.5°	0.0	7.8	25.1	49.9	56.5	75.0	95.6	130.9	206.7	271.2	323.6
15°	0.0	7.9	25.5	51.1	56.8	76.4	97.0	130.5	213.9	276.9	331.9
12.5°	0.0	8.0	25.8	52.2	57.0	77.6	98.2	131.0	218.8	282.0	338.9
10°	0.0	8.1	26.0	53.2	57.2	78.6	99.1	130.7	220.8	286.2	344.9
7.5°	0.0	8.1	26.2	54.1	57.3	79.4	99.7	129.7	221.0	290.3	350.0
5°	0.0	8.2	26.3	54.8	57.4	80.0	100.1	128.0	219.5	294.0	353.8
2.5°	0.0	8.2	26.3	55.4	57.4	80.3	100.2	125.8	216.4	297.0	356.4
0°	0.0	8.2	26.3	55.8	57.4	80.4	100.1	123.1	211.7	298.7	357.8
-2.5°	0.0	8.2	26.3	55.4	57.4	80.3	100.2	125.8	216.4	297.0	356.4
-5°	0.0	8.2	26.3	54.8	57.4	80.0	100.1	128.0	219.5	294.0	353.8
-7.5°	0.0	8.1	26.2	54.1	57.3	79.4	99.7	129.7	221.0	290.3	350.0
-10°	0.0	8.1	26.0	53.2	57.2	78.6	99.1	130.7	220.8	286.2	344.9
-12.5°	0.0	8.0	25.8	52.2	57.0	77.6	98.2	131.0	218.8	282.0	338.9
-15°	0.0	7.9	25.5	51.1	56.8	76.4	97.0	130.5	213.9	276.9	331.9
-17.5°	0.0	7.8	25.1	49.9	56.5	75.0	95.6	130.9	206.7	271.2	323.6
-20°	0.0	7.7	24.6	48.5	56.2	73.4	95.5	132.2	199.2	264.9	314.3



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 CATALOG NUMBER: GFLD-SA3E-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	7.6	24.1	47.1	55.7	71.5	97.5	132.9	191.6	258.1	303.8
-25°	0.0	7.4	23.5	45.5	55.2	71.3	99.1	133.0	184.2	250.8	292.3
-27.5°	0.0	7.3	22.8	43.9	54.6	71.6	100.2	132.7	177.1	242.0	282.9
-30°	0.0	7.1	22.0	42.2	54.0	71.4	100.8	131.8	173.7	231.4	273.3
-32.5°	0.0	6.9	21.2	40.4	54.6	70.7	100.9	131.8	172.0	222.1	263.6
-35°	0.0	6.7	20.3	38.6	54.9	69.6	100.1	131.6	169.7	214.0	253.7
-37.5°	0.0	6.5	19.4	36.7	55.0	68.8	98.5	130.7	166.9	207.4	242.8
-40°	0.0	6.3	18.4	34.7	54.8	68.8	96.3	129.0	163.5	202.9	231.4
-42.5°	0.0	6.0	17.3	32.8	53.6	68.4	93.4	126.7	160.5	193.8	219.6
-45°	0.0	5.8	16.1	31.0	51.2	67.6	89.9	123.2	156.9	183.5	207.4
-47.5°	0.0	5.5	15.0	29.1	48.6	66.4	85.7	118.2	152.4	172.8	195.4
-50°	0.0	5.3	13.7	27.3	45.7	64.8	83.2	112.4	143.5	162.8	182.9
-52.5°	0.0	5.0	12.4	25.4	42.6	62.8	80.5	105.8	133.2	152.6	170.2
-55°	0.0	4.7	11.0	23.4	39.3	58.8	77.1	98.8	122.0	142.2	158.7
-57.5°	0.0	4.4	9.6	21.3	35.7	54.1	73.2	93.5	110.6	129.9	147.0
-60°	0.0	4.1	8.2	19.1	32.0	49.1	68.6	86.4	99.4	116.9	134.3
-62.5°	0.0	3.8	7.6	16.8	28.7	43.8	61.8	78.3	89.4	103.7	119.7
-65°	0.0	3.5	6.9	14.4	25.3	38.2	54.7	69.5	78.8	90.6	104.9
-67.5°	0.0	3.1	6.3	11.9	21.8	33.0	47.2	59.7	67.7	77.0	88.9
-70°	0.0	2.8	5.6	9.4	18.1	28.1	39.5	49.9	57.1	62.9	71.9
-72.5°	0.0	2.5	4.9	8.0	14.3	23.0	32.8	40.2	46.5	51.6	55.5
-75°	0.0	2.1	4.2	6.9	10.5	17.8	26.1	31.8	36.0	40.6	44.0
-77.5°	0.0	1.8	3.5	5.8	8.4	12.5	19.2	24.0	27.6	30.2	32.7
-80°	0.0	1.4	2.8	4.7	6.8	9.1	12.3	16.3	19.4	21.8	23.5
-82.5°	0.0	1.1	2.1	3.5	5.1	6.9	8.9	10.0	11.2	13.4	15.1
-85°	0.0	0.7	1.4	2.4	3.4	4.6	5.9	6.7	7.3	7.8	8.3
-87.5°	0.0	0.4	0.7	1.2	1.7	2.3	3.0	3.3	3.6	3.9	4.1
-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: P558861 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-935-U-MWR-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°	4.2	4.1	4.0	3.8	3.5	3.2	2.8	2.3	2.4	2.5	2.6
85°	8.3	8.2	8.9	9.5	9.7	9.7	9.4	8.8	10.1	11.5	13.1
82.5°	16.6	18.1	19.5	20.8	20.8	20.3	19.6	18.8	21.7	25.2	29.0
80°	25.7	27.9	31.1	34.4	35.3	35.0	33.9	32.1	36.1	41.9	48.5
77.5°	36.7	41.2	45.7	50.2	51.4	50.4	48.2	44.9	49.9	59.4	69.8
75°	48.8	54.4	61.6	67.2	68.4	66.4	63.1	60.2	66.3	78.0	89.2
72.5°	63.7	72.9	80.0	84.9	85.3	83.5	81.9	80.4	87.2	101.1	112.6
70°	82.7	92.0	97.5	100.5	101.2	102.3	106.9	111.3	118.2	130.0	139.5
67.5°	101.6	109.0	113.9	117.5	124.6	131.2	137.6	144.3	152.0	162.1	169.2
65°	118.5	126.0	132.5	141.0	151.3	159.4	168.1	177.4	187.9	197.4	204.2
62.5°	135.1	143.1	152.3	163.5	175.5	186.5	199.1	212.0	224.5	235.3	247.1
60°	148.7	159.5	171.8	185.3	199.8	216.3	231.6	246.5	260.2	273.7	290.2
57.5°	161.7	176.3	191.3	207.6	226.5	246.7	264.5	281.0	298.2	317.6	333.9
55°	175.3	193.7	211.0	230.6	253.1	277.4	297.0	315.5	336.8	360.2	378.4
52.5°	190.1	210.4	230.6	254.2	281.3	305.6	326.1	349.1	374.9	400.3	421.4
50°	204.4	226.8	250.3	280.2	307.1	330.3	355.7	383.6	410.4	436.5	461.4
47.5°	218.8	242.8	273.9	304.5	329.7	356.8	386.5	415.2	443.4	470.6	496.7
45°	232.9	261.3	295.9	324.9	353.0	384.2	414.9	444.9	474.6	503.4	532.0
42.5°	246.5	279.6	314.4	344.8	377.1	409.7	441.7	473.4	504.8	535.8	566.2
40°	261.4	296.2	332.8	366.0	399.8	433.7	467.4	500.9	534.1	566.8	599.1
37.5°	275.1	313.4	351.6	386.4	421.0	456.6	491.9	527.5	562.3	596.5	633.3
35°	287.3	330.8	369.4	405.9	442.2	478.2	515.7	553.0	589.8	626.8	673.7
32.5°	301.1	348.4	386.2	424.6	462.2	499.4	538.2	577.8	616.9	660.2	727.6
30°	316.6	363.1	402.1	442.5	481.1	520.1	560.2	601.5	642.7	710.0	865.7
27.5°	331.7	376.5	417.6	459.0	498.7	539.1	581.2	624.0	681.4	784.9	1037.5
25°	345.7	389.5	432.2	474.0	515.0	556.9	600.5	644.9	722.8	932.0	1490.0
22.5°	357.5	402.0	446.4	487.8	529.7	573.1	618.3	677.3	797.7	1080.4	1993.5
20°	367.6	413.9	459.2	502.3	543.6	587.5	634.6	708.2	911.5	1504.2	2596.8
17.5°	376.9	424.7	471.1	516.1	559.5	602.5	650.8	734.9	1013.9	1872.5	3203.5
15°	385.5	434.4	482.1	529.0	573.9	618.8	676.5	810.6	1221.1	2238.2	3743.9
12.5°	393.3	442.9	492.2	541.0	586.9	633.3	699.5	885.9	1474.8	2667.2	4112.7
10°	400.0	450.2	501.2	551.9	598.4	646.0	719.0	947.7	1683.5	3020.0	4409.1
7.5°	406.3	457.2	509.5	561.5	608.3	656.9	734.9	995.9	1844.6	3285.7	4645.6
5°	411.6	464.1	519.3	572.1	620.7	668.9	748.5	1030.5	1957.9	3464.8	4817.9
2.5°	415.7	469.8	527.9	581.5	634.4	683.3	764.1	1056.2	2030.8	3578.8	4928.1
0°	418.5	474.3	535.0	589.2	646.6	695.9	776.3	1068.4	2058.0	3620.4	4969.5
-2.5°	415.7	469.8	527.9	581.5	634.4	683.3	764.1	1056.2	2030.8	3578.8	4928.1
-5°	411.6	464.1	519.3	572.1	620.7	668.9	748.5	1030.5	1957.9	3464.8	4817.9
-7.5°	406.3	457.2	509.5	561.5	608.3	656.9	734.9	995.9	1844.6	3285.7	4645.6
-10°	400.0	450.2	501.2	551.9	598.4	646.0	719.0	947.7	1683.5	3020.0	4409.1
-12.5°	393.3	442.9	492.2	541.0	586.9	633.3	699.5	885.9	1474.8	2667.2	4112.7
-15°	385.5	434.4	482.1	529.0	573.9	618.8	676.5	810.6	1221.1	2238.2	3743.9
-17.5°	376.9	424.7	471.1	516.1	559.5	602.5	650.8	734.9	1013.9	1872.5	3203.5
-20°	367.6	413.9	459.2	502.3	543.6	587.5	634.6	708.2	911.5	1504.2	2596.8



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 CATALOG NUMBER: GFLD-SA3E-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	357.5	402.0	446.4	487.8	529.7	573.1	618.3	677.3	797.7	1080.4	1993.5
-25°	345.7	389.5	432.2	474.0	515.0	556.9	600.5	644.9	722.8	932.0	1490.0
-27.5°	331.7	376.5	417.6	459.0	498.7	539.1	581.2	624.0	681.4	784.9	1037.5
-30°	316.6	363.1	402.1	442.5	481.1	520.1	560.2	601.5	642.7	710.0	865.7
-32.5°	301.1	348.4	386.2	424.6	462.2	499.4	538.2	577.8	616.9	660.2	727.6
-35°	287.3	330.8	369.4	405.9	442.2	478.2	515.7	553.0	589.8	626.8	673.7
-37.5°	275.1	313.4	351.6	386.4	421.0	456.6	491.9	527.5	562.3	596.5	633.3
-40°	261.4	296.2	332.8	366.0	399.8	433.7	467.4	500.9	534.1	566.8	599.1
-42.5°	246.5	279.6	314.4	344.8	377.1	409.7	441.7	473.4	504.8	535.8	566.2
-45°	232.9	261.3	295.9	324.9	353.0	384.2	414.9	444.9	474.6	503.4	532.0
-47.5°	218.8	242.8	273.9	304.5	329.7	356.8	386.5	415.2	443.4	470.6	496.7
-50°	204.4	226.8	250.3	280.2	307.1	330.3	355.7	383.6	410.4	436.5	461.4
-52.5°	190.1	210.4	230.6	254.2	281.3	305.6	326.1	349.1	374.9	400.3	421.4
-55°	175.3	193.7	211.0	230.6	253.1	277.4	297.0	315.5	336.8	360.2	378.4
-57.5°	161.7	176.3	191.3	207.6	226.5	246.7	264.5	281.0	298.2	317.6	333.9
-60°	148.7	159.5	171.8	185.3	199.8	216.3	231.6	246.5	260.2	273.7	290.2
-62.5°	135.1	143.1	152.3	163.5	175.5	186.5	199.1	212.0	224.5	235.3	247.1
-65°	118.5	126.0	132.5	141.0	151.3	159.4	168.1	177.4	187.9	197.4	204.2
-67.5°	101.6	109.0	113.9	117.5	124.6	131.2	137.6	144.3	152.0	162.1	169.2
-70°	82.7	92.0	97.5	100.5	101.2	102.3	106.9	111.3	118.2	130.0	139.5
-72.5°	63.7	72.9	80.0	84.9	85.3	83.5	81.9	80.4	87.2	101.1	112.6
-75°	48.8	54.4	61.6	67.2	68.4	66.4	63.1	60.2	66.3	78.0	89.2
-77.5°	36.7	41.2	45.7	50.2	51.4	50.4	48.2	44.9	49.9	59.4	69.8
-80°	25.7	27.9	31.1	34.4	35.3	35.0	33.9	32.1	36.1	41.9	48.5
-82.5°	16.6	18.1	19.5	20.8	20.8	20.3	19.6	18.8	21.7	25.2	29.0
-85°	8.3	8.2	8.9	9.5	9.7	9.7	9.4	8.8	10.1	11.5	13.1
-87.5°	4.2	4.1	4.0	3.8	3.5	3.2	2.8	2.3	2.4	2.5	2.6
-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: P558861 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-935-U-MWR-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°	2.7	2.8	2.9	2.9	3.0	3.0	3.1	3.1	3.2	2.8	2.4
85°	14.7	14.3	13.5	12.5	11.3	12.0	12.7	13.3	14.0	13.1	12.0
82.5°	33.1	33.5	33.5	33.4	33.3	34.7	36.1	37.3	38.3	35.4	32.0
80°	55.8	58.4	60.0	61.4	62.6	62.7	61.8	60.3	58.3	53.3	47.8
77.5°	80.6	84.8	86.8	89.0	91.1	91.9	92.4	92.9	93.5	84.8	73.8
75°	100.0	106.1	109.8	113.1	116.2	118.0	119.0	119.6	119.9	109.4	96.0
72.5°	121.9	128.1	132.4	136.5	140.4	142.9	144.4	145.5	146.2	137.1	124.2
70°	146.2	151.0	156.2	161.3	166.0	169.3	171.4	173.1	174.4	173.5	172.8
67.5°	174.9	179.1	185.3	190.2	195.2	198.8	202.4	205.4	207.6	210.0	212.7
65°	210.8	220.8	230.1	234.8	235.5	240.5	248.9	254.2	256.9	259.1	261.7
62.5°	260.7	273.0	279.6	287.4	297.6	307.0	310.6	315.5	321.3	328.3	336.3
60°	303.5	313.7	324.2	335.1	344.4	352.2	360.6	369.1	376.7	383.7	390.5
57.5°	347.3	358.5	369.2	381.9	390.8	396.1	404.3	414.3	422.1	428.2	437.3
55°	392.8	407.1	421.7	433.2	441.6	447.1	453.3	463.0	468.7	470.9	481.6
52.5°	438.4	455.4	473.4	486.8	495.7	504.0	511.6	520.1	526.0	528.8	539.2
50°	480.7	501.0	521.0	538.5	550.3	564.1	579.6	587.3	592.3	597.8	609.4
47.5°	520.9	543.6	565.0	584.8	601.9	617.3	630.7	643.6	662.6	677.8	692.7
45°	559.6	583.8	607.0	629.2	648.3	678.5	707.3	731.7	797.2	852.3	894.2
42.5°	596.0	625.2	651.3	688.3	728.6	798.4	906.1	1006.0	1199.2	1447.9	1655.6
40°	634.0	671.8	718.6	790.7	926.9	1067.0	1485.8	1859.0	2226.1	2643.6	3001.3
37.5°	678.3	735.3	872.5	1035.2	1472.1	1955.4	2549.0	3131.6	3638.9	4073.1	4435.5
35°	736.9	913.2	1169.5	1762.5	2408.0	3200.4	3884.5	4432.4	4933.6	5335.8	5638.6
32.5°	909.9	1232.4	1909.3	2724.9	3612.8	4378.3	5044.6	5569.3	6026.5	6387.0	6667.6
30°	1163.1	1904.3	2823.7	3800.5	4684.8	5415.8	6031.4	6531.5	6939.6	7306.5	7614.4
27.5°	1764.7	2718.6	3799.2	4795.4	5599.8	6284.1	6836.4	7331.8	7781.8	8168.0	8532.1
25°	2423.1	3603.9	4693.8	5600.6	6351.3	6993.3	7575.8	8117.7	8621.4	9073.4	9497.0
22.5°	3213.8	4391.4	5433.1	6272.2	6999.7	7659.3	8278.0	8881.1	9467.4	10019.1	10531.5
20°	3929.7	5085.5	5993.7	6831.9	7587.7	8274.9	8956.8	9659.7	10336.4	11000.9	11617.9
17.5°	4487.5	5562.8	6474.6	7324.1	8093.5	8871.8	9652.2	10459.5	11275.7	12047.4	12785.5
15°	4953.4	5960.9	6885.0	7734.4	8580.3	9439.0	10310.8	11261.9	12232.8	13156.4	14097.2
12.5°	5283.6	6293.2	7230.0	8082.4	9030.7	9962.9	10977.7	12061.6	13182.8	14258.8	15414.4
10°	5549.1	6558.2	7487.2	8406.3	9409.8	10443.5	11581.7	12775.5	14113.5	15387.6	16632.7
7.5°	5776.9	6779.4	7693.9	8670.4	9725.3	10861.4	12099.4	13449.1	14897.0	16314.7	17796.8
5°	5943.6	6930.1	7854.5	8886.9	9967.9	11166.8	12498.7	13940.9	15493.7	17047.0	18512.7
2.5°	6031.8	7016.1	7954.3	9021.2	10110.2	11351.9	12738.9	14267.6	15907.8	17602.7	19047.8
0°	6029.7	7052.2	7992.6	9111.8	10214.7	11407.8	12842.2	14476.9	16077.0	17838.0	19321.6
-2.5°	6031.8	7016.1	7954.3	9021.2	10110.2	11351.9	12738.9	14267.6	15907.8	17602.7	19047.8
-5°	5943.6	6930.1	7854.5	8886.9	9967.9	11166.8	12498.7	13940.9	15493.7	17047.0	18512.7
-7.5°	5776.9	6779.4	7693.9	8670.4	9725.3	10861.4	12099.4	13449.1	14897.0	16314.7	17796.8
-10°	5549.1	6558.2	7487.2	8406.3	9409.8	10443.5	11581.7	12775.5	14113.5	15387.6	16632.7
-12.5°	5283.6	6293.2	7230.0	8082.4	9030.7	9962.9	10977.7	12061.6	13182.8	14258.8	15414.4
-15°	4953.4	5960.9	6885.0	7734.4	8580.3	9439.0	10310.8	11261.9	12232.8	13156.4	14097.2
-17.5°	4487.5	5562.8	6474.6	7324.1	8093.5	8871.8	9652.2	10459.5	11275.7	12047.4	12785.5
-20°	3929.7	5085.5	5993.7	6831.9	7587.7	8274.9	8956.8	9659.7	10336.4	11000.9	11617.9



REPORT NUMBER: P558861 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3213.8	4391.4	5433.1	6272.2	6999.7	7659.3	8278.0	8881.1	9467.4	10019.1	10531.5
-25°	2423.1	3603.9	4693.8	5600.6	6351.3	6993.3	7575.8	8117.7	8621.4	9073.4	9497.0
-27.5°	1764.7	2718.6	3799.2	4795.4	5599.8	6284.1	6836.4	7331.8	7781.8	8168.0	8532.1
-30°	1163.1	1904.3	2823.7	3800.5	4684.8	5415.8	6031.4	6531.5	6939.6	7306.5	7614.4
-32.5°	909.9	1232.4	1909.3	2724.9	3612.8	4378.3	5044.6	5569.3	6026.5	6387.0	6667.6
-35°	736.9	913.2	1169.5	1762.5	2408.0	3200.4	3884.5	4432.4	4933.6	5335.8	5638.6
-37.5°	678.3	735.3	872.5	1035.2	1472.1	1955.4	2549.0	3131.6	3638.9	4073.1	4435.5
-40°	634.0	671.8	718.6	790.7	926.9	1067.0	1485.8	1859.0	2226.1	2643.6	3001.3
-42.5°	596.0	625.2	651.3	688.3	728.6	798.4	906.1	1006.0	1199.2	1447.9	1655.6
-45°	559.6	583.8	607.0	629.2	648.3	678.5	707.3	731.7	797.2	852.3	894.2
-47.5°	520.9	543.6	565.0	584.8	601.9	617.3	630.7	643.6	662.6	677.8	692.7
-50°	480.7	501.0	521.0	538.5	550.3	564.1	579.6	587.3	592.3	597.8	609.4
-52.5°	438.4	455.4	473.4	486.8	495.7	504.0	511.6	520.1	526.0	528.8	539.2
-55°	392.8	407.1	421.7	433.2	441.6	447.1	453.3	463.0	468.7	470.9	481.6
-57.5°	347.3	358.5	369.2	381.9	390.8	396.1	404.3	414.3	422.1	428.2	437.3
-60°	303.5	313.7	324.2	335.1	344.4	352.2	360.6	369.1	376.7	383.7	390.5
-62.5°	260.7	273.0	279.6	287.4	297.6	307.0	310.6	315.5	321.3	328.3	336.3
-65°	210.8	220.8	230.1	234.8	235.5	240.5	248.9	254.2	256.9	259.1	261.7
-67.5°	174.9	179.1	185.3	190.2	195.2	198.8	202.4	205.4	207.6	210.0	212.7
-70°	146.2	151.0	156.2	161.3	166.0	169.3	171.4	173.1	174.4	173.5	172.8
-72.5°	121.9	128.1	132.4	136.5	140.4	142.9	144.4	145.5	146.2	137.1	124.2
-75°	100.0	106.1	109.8	113.1	116.2	118.0	119.0	119.6	119.9	109.4	96.0
-77.5°	80.6	84.8	86.8	89.0	91.1	91.9	92.4	92.9	93.5	84.8	73.8
-80°	55.8	58.4	60.0	61.4	62.6	62.7	61.8	60.3	58.3	53.3	47.8
-82.5°	33.1	33.5	33.5	33.4	33.3	34.7	36.1	37.3	38.3	35.4	32.0
-85°	14.7	14.3	13.5	12.5	11.3	12.0	12.7	13.3	14.0	13.1	12.0
-87.5°	2.7	2.8	2.9	2.9	3.0	3.0	3.1	3.1	3.2	2.8	2.4
-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: P558861 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-935-U-MWR-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°	2.0	1.6	1.6	1.6	1.6	1.6	2.0	2.4	2.8	3.2	3.1
85°	10.9	9.7	9.8	9.8	9.8	9.7	10.9	12.0	13.1	14.0	13.3
82.5°	28.3	24.5	24.6	24.6	24.6	24.5	28.3	32.0	35.4	38.3	37.3
80°	42.1	36.1	36.8	37.7	36.8	36.1	42.1	47.8	53.3	58.3	60.3
77.5°	62.0	49.6	49.1	49.2	49.1	49.6	62.0	73.8	84.8	93.5	92.9
75°	82.1	67.9	67.2	67.3	67.2	67.9	82.1	96.0	109.4	119.9	119.6
72.5°	111.0	97.3	91.2	85.3	91.2	97.3	111.0	124.2	137.1	146.2	145.5
70°	173.0	173.4	167.3	159.2	167.3	173.4	173.0	172.8	173.5	174.4	173.1
67.5°	215.0	216.8	219.3	221.6	219.3	216.8	215.0	212.7	210.0	207.6	205.4
65°	262.9	262.8	263.7	264.2	263.7	262.8	262.9	261.7	259.1	256.9	254.2
62.5°	343.2	348.7	352.6	354.5	352.6	348.7	343.2	336.3	328.3	321.3	315.5
60°	396.2	400.8	407.2	413.6	407.2	400.8	396.2	390.5	383.7	376.7	369.1
57.5°	445.9	453.6	459.9	464.5	459.9	453.6	445.9	437.3	428.2	422.1	414.3
55°	491.7	500.6	509.2	517.0	509.2	500.6	491.7	481.6	470.9	468.7	463.0
52.5°	549.2	556.6	568.8	584.3	568.8	556.6	549.2	539.2	528.8	526.0	520.1
50°	622.8	633.9	649.3	668.0	649.3	633.9	622.8	609.4	597.8	592.3	587.3
47.5°	707.8	719.0	733.8	753.3	733.8	719.0	707.8	692.7	677.8	662.6	643.6
45°	932.6	958.9	982.9	1009.3	982.9	958.9	932.6	894.2	852.3	797.2	731.7
42.5°	1822.1	1937.2	1986.9	1957.9	1986.9	1937.2	1822.1	1655.6	1447.9	1199.2	1006.0
40°	3274.1	3465.4	3578.0	3617.2	3578.0	3465.4	3274.1	3001.3	2643.6	2226.1	1859.0
37.5°	4700.2	4876.3	4971.4	4982.6	4971.4	4876.3	4700.2	4435.5	4073.1	3638.9	3131.6
35°	5857.2	6002.2	6088.2	6152.8	6088.2	6002.2	5857.2	5638.6	5335.8	4933.6	4432.4
32.5°	6896.2	7061.5	7157.1	7135.9	7157.1	7061.5	6896.2	6667.6	6387.0	6026.5	5569.3
30°	7866.8	8047.6	8159.9	8163.2	8159.9	8047.6	7866.8	7614.4	7306.5	6939.6	6531.5
27.5°	8826.4	9029.4	9146.5	9238.2	9146.5	9029.4	8826.4	8532.1	8168.0	7781.8	7331.8
25°	9850.1	10103.1	10253.4	10344.4	10253.4	10103.1	9850.1	9497.0	9073.4	8621.4	8117.7
22.5°	10953.9	11267.4	11473.3	11558.8	11473.3	11267.4	10953.9	10531.5	10019.1	9467.4	8881.1
20°	12154.6	12543.0	12805.9	12797.9	12805.9	12543.0	12154.6	11617.9	11000.9	10336.4	9659.7
17.5°	13494.2	13995.2	14334.3	14383.3	14334.3	13995.2	13494.2	12785.5	12047.4	11275.7	10459.5
15°	14930.5	15576.4	16015.0	16150.9	16015.0	15576.4	14930.5	14097.2	13156.4	12232.8	11261.9
12.5°	16402.3	17170.6	17755.2	17949.6	17755.2	17170.6	16402.3	15414.4	14258.8	13182.8	12061.6
10°	17804.6	18655.6	19290.2	19571.1	19290.2	18655.6	17804.6	16632.7	15387.6	14113.5	12775.5
7.5°	18976.9	19841.6	20495.3	20726.5	20495.3	19841.6	18976.9	17796.8	16314.7	14897.0	13449.1
5°	19749.3	20693.9	21202.2	21488.0	21202.2	20693.9	19749.3	18512.7	17047.0	15493.7	13940.9
2.5°	20265.3	21066.3	21581.0	21844.1	21581.0	21066.3	20265.3	19047.8	17602.7	15907.8	14267.6
0°	20539.4	21355.0	21732.5	21860.5	21732.5	21355.0	20539.4	19321.6	17838.0	16077.0	14476.9
-2.5°	20265.3	21066.3	21581.0	21844.1	21581.0	21066.3	20265.3	19047.8	17602.7	15907.8	14267.6
-5°	19749.3	20693.9	21202.2	21488.0	21202.2	20693.9	19749.3	18512.7	17047.0	15493.7	13940.9
-7.5°	18976.9	19841.6	20495.3	20726.5	20495.3	19841.6	18976.9	17796.8	16314.7	14897.0	13449.1
-10°	17804.6	18655.6	19290.2	19571.1	19290.2	18655.6	17804.6	16632.7	15387.6	14113.5	12775.5
-12.5°	16402.3	17170.6	17755.2	17949.6	17755.2	17170.6	16402.3	15414.4	14258.8	13182.8	12061.6
-15°	14930.5	15576.4	16015.0	16150.9	16015.0	15576.4	14930.5	14097.2	13156.4	12232.8	11261.9
-17.5°	13494.2	13995.2	14334.3	14383.3	14334.3	13995.2	13494.2	12785.5	12047.4	11275.7	10459.5
-20°	12154.6	12543.0	12805.9	12797.9	12805.9	12543.0	12154.6	11617.9	11000.9	10336.4	9659.7



REPORT NUMBER: P558861 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	10953.9	11267.4	11473.3	11558.8	11473.3	11267.4	10953.9	10531.5	10019.1	9467.4	8881.1
-25°	9850.1	10103.1	10253.4	10344.4	10253.4	10103.1	9850.1	9497.0	9073.4	8621.4	8117.7
-27.5°	8826.4	9029.4	9146.5	9238.2	9146.5	9029.4	8826.4	8532.1	8168.0	7781.8	7331.8
-30°	7866.8	8047.6	8159.9	8163.2	8159.9	8047.6	7866.8	7614.4	7306.5	6939.6	6531.5
-32.5°	6896.2	7061.5	7157.1	7135.9	7157.1	7061.5	6896.2	6667.6	6387.0	6026.5	5569.3
-35°	5857.2	6002.2	6088.2	6152.8	6088.2	6002.2	5857.2	5638.6	5335.8	4933.6	4432.4
-37.5°	4700.2	4876.3	4971.4	4982.6	4971.4	4876.3	4700.2	4435.5	4073.1	3638.9	3131.6
-40°	3274.1	3465.4	3578.0	3617.2	3578.0	3465.4	3274.1	3001.3	2643.6	2226.1	1859.0
-42.5°	1822.1	1937.2	1986.9	1957.9	1986.9	1937.2	1822.1	1655.6	1447.9	1199.2	1006.0
-45°	932.6	958.9	982.9	1009.3	982.9	958.9	932.6	894.2	852.3	797.2	731.7
-47.5°	707.8	719.0	733.8	753.3	733.8	719.0	707.8	692.7	677.8	662.6	643.6
-50°	622.8	633.9	649.3	668.0	649.3	633.9	622.8	609.4	597.8	592.3	587.3
-52.5°	549.2	556.6	568.8	584.3	568.8	556.6	549.2	539.2	528.8	526.0	520.1
-55°	491.7	500.6	509.2	517.0	509.2	500.6	491.7	481.6	470.9	468.7	463.0
-57.5°	445.9	453.6	459.9	464.5	459.9	453.6	445.9	437.3	428.2	422.1	414.3
-60°	396.2	400.8	407.2	413.6	407.2	400.8	396.2	390.5	383.7	376.7	369.1
-62.5°	343.2	348.7	352.6	354.5	352.6	348.7	343.2	336.3	328.3	321.3	315.5
-65°	262.9	262.8	263.7	264.2	263.7	262.8	262.9	261.7	259.1	256.9	254.2
-67.5°	215.0	216.8	219.3	221.6	219.3	216.8	215.0	212.7	210.0	207.6	205.4
-70°	173.0	173.4	167.3	159.2	167.3	173.4	173.0	172.8	173.5	174.4	173.1
-72.5°	111.0	97.3	91.2	85.3	91.2	97.3	111.0	124.2	137.1	146.2	145.5
-75°	82.1	67.9	67.2	67.3	67.2	67.9	82.1	96.0	109.4	119.9	119.6
-77.5°	62.0	49.6	49.1	49.2	49.1	49.6	62.0	73.8	84.8	93.5	92.9
-80°	42.1	36.1	36.8	37.7	36.8	36.1	42.1	47.8	53.3	58.3	60.3
-82.5°	28.3	24.5	24.6	24.6	24.6	24.5	28.3	32.0	35.4	38.3	37.3
-85°	10.9	9.7	9.8	9.8	9.8	9.7	10.9	12.0	13.1	14.0	13.3
-87.5°	2.0	1.6	1.6	1.6	1.6	1.6	2.0	2.4	2.8	3.2	3.1
-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: P558861 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-935-U-MWR-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°	3.1	3.0	3.0	2.9	2.9	2.8	2.7	2.6	2.5	2.4	2.3
85°	12.7	12.0	11.3	12.5	13.5	14.3	14.7	13.1	11.5	10.1	8.8
82.5°	36.1	34.7	33.3	33.4	33.5	33.5	33.1	29.0	25.2	21.7	18.8
80°	61.8	62.7	62.6	61.4	60.0	58.4	55.8	48.5	41.9	36.1	32.1
77.5°	92.4	91.9	91.1	89.0	86.8	84.8	80.6	69.8	59.4	49.9	44.9
75°	119.0	118.0	116.2	113.1	109.8	106.1	100.0	89.2	78.0	66.3	60.2
72.5°	144.4	142.9	140.4	136.5	132.4	128.1	121.9	112.6	101.1	87.2	80.4
70°	171.4	169.3	166.0	161.3	156.2	151.0	146.2	139.5	130.0	118.2	111.3
67.5°	202.4	198.8	195.2	190.2	185.3	179.1	174.9	169.2	162.1	152.0	144.3
65°	248.9	240.5	235.5	234.8	230.1	220.8	210.8	204.2	197.4	187.9	177.4
62.5°	310.6	307.0	297.6	287.4	279.6	273.0	260.7	247.1	235.3	224.5	212.0
60°	360.6	352.2	344.4	335.1	324.2	313.7	303.5	290.2	273.7	260.2	246.5
57.5°	404.3	396.1	390.8	381.9	369.2	358.5	347.3	333.9	317.6	298.2	281.0
55°	453.3	447.1	441.6	433.2	421.7	407.1	392.8	378.4	360.2	336.8	315.5
52.5°	511.6	504.0	495.7	486.8	473.4	455.4	438.4	421.4	400.3	374.9	349.1
50°	579.6	564.1	550.3	538.5	521.0	501.0	480.7	461.4	436.5	410.4	383.6
47.5°	630.7	617.3	601.9	584.8	565.0	543.6	520.9	496.7	470.6	443.4	415.2
45°	707.3	678.5	648.3	629.2	607.0	583.8	559.6	532.0	503.4	474.6	444.9
42.5°	906.1	798.4	728.6	688.3	651.3	625.2	596.0	566.2	535.8	504.8	473.4
40°	1485.8	1067.0	926.9	790.7	718.6	671.8	634.0	599.1	566.8	534.1	500.9
37.5°	2549.0	1955.4	1472.1	1035.2	872.5	735.3	678.3	633.3	596.5	562.3	527.5
35°	3884.5	3200.4	2408.0	1762.5	1169.5	913.2	736.9	673.7	626.8	589.8	553.0
32.5°	5044.6	4378.3	3612.8	2724.9	1909.3	1232.4	909.9	727.6	660.2	616.9	577.8
30°	6031.4	5415.8	4684.8	3800.5	2823.7	1904.3	1163.1	865.7	710.0	642.7	601.5
27.5°	6836.4	6284.1	5599.8	4795.4	3799.2	2718.6	1764.7	1037.5	784.9	681.4	624.0
25°	7575.8	6993.3	6351.3	5600.6	4693.8	3603.9	2423.1	1490.0	932.0	722.8	644.9
22.5°	8278.0	7659.3	6999.7	6272.2	5433.1	4391.4	3213.8	1993.5	1080.4	797.7	677.3
20°	8956.8	8274.9	7587.7	6831.9	5993.7	5085.5	3929.7	2596.8	1504.2	911.5	708.2
17.5°	9652.2	8871.8	8093.5	7324.1	6474.6	5562.8	4487.5	3203.5	1872.5	1013.9	734.9
15°	10310.8	9439.0	8580.3	7734.4	6885.0	5960.9	4953.4	3743.9	2238.2	1221.1	810.6
12.5°	10977.7	9962.9	9030.7	8082.4	7230.0	6293.2	5283.6	4112.7	2667.2	1474.8	885.9
10°	11581.7	10443.5	9409.8	8406.3	7487.2	6558.2	5549.1	4409.1	3020.0	1683.5	947.7
7.5°	12099.4	10861.4	9725.3	8670.4	7693.9	6779.4	5776.9	4645.6	3285.7	1844.6	995.9
5°	12498.7	11166.8	9967.9	8886.9	7854.5	6930.1	5943.6	4817.9	3464.8	1957.9	1030.5
2.5°	12738.9	11351.9	10110.2	9021.2	7954.3	7016.1	6031.8	4928.1	3578.8	2030.8	1056.2
0°	12842.2	11407.8	10214.7	9111.8	7992.6	7052.2	6029.7	4969.5	3620.4	2058.0	1068.4
-2.5°	12738.9	11351.9	10110.2	9021.2	7954.3	7016.1	6031.8	4928.1	3578.8	2030.8	1056.2
-5°	12498.7	11166.8	9967.9	8886.9	7854.5	6930.1	5943.6	4817.9	3464.8	1957.9	1030.5
-7.5°	12099.4	10861.4	9725.3	8670.4	7693.9	6779.4	5776.9	4645.6	3285.7	1844.6	995.9
-10°	11581.7	10443.5	9409.8	8406.3	7487.2	6558.2	5549.1	4409.1	3020.0	1683.5	947.7
-12.5°	10977.7	9962.9	9030.7	8082.4	7230.0	6293.2	5283.6	4112.7	2667.2	1474.8	885.9
-15°	10310.8	9439.0	8580.3	7734.4	6885.0	5960.9	4953.4	3743.9	2238.2	1221.1	810.6
-17.5°	9652.2	8871.8	8093.5	7324.1	6474.6	5562.8	4487.5	3203.5	1872.5	1013.9	734.9
-20°	8956.8	8274.9	7587.7	6831.9	5993.7	5085.5	3929.7	2596.8	1504.2	911.5	708.2



REPORT NUMBER: P558861 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8278.0	7659.3	6999.7	6272.2	5433.1	4391.4	3213.8	1993.5	1080.4	797.7	677.3
-25°	7575.8	6993.3	6351.3	5600.6	4693.8	3603.9	2423.1	1490.0	932.0	722.8	644.9
-27.5°	6836.4	6284.1	5599.8	4795.4	3799.2	2718.6	1764.7	1037.5	784.9	681.4	624.0
-30°	6031.4	5415.8	4684.8	3800.5	2823.7	1904.3	1163.1	865.7	710.0	642.7	601.5
-32.5°	5044.6	4378.3	3612.8	2724.9	1909.3	1232.4	909.9	727.6	660.2	616.9	577.8
-35°	3884.5	3200.4	2408.0	1762.5	1169.5	913.2	736.9	673.7	626.8	589.8	553.0
-37.5°	2549.0	1955.4	1472.1	1035.2	872.5	735.3	678.3	633.3	596.5	562.3	527.5
-40°	1485.8	1067.0	926.9	790.7	718.6	671.8	634.0	599.1	566.8	534.1	500.9
-42.5°	906.1	798.4	728.6	688.3	651.3	625.2	596.0	566.2	535.8	504.8	473.4
-45°	707.3	678.5	648.3	629.2	607.0	583.8	559.6	532.0	503.4	474.6	444.9
-47.5°	630.7	617.3	601.9	584.8	565.0	543.6	520.9	496.7	470.6	443.4	415.2
-50°	579.6	564.1	550.3	538.5	521.0	501.0	480.7	461.4	436.5	410.4	383.6
-52.5°	511.6	504.0	495.7	486.8	473.4	455.4	438.4	421.4	400.3	374.9	349.1
-55°	453.3	447.1	441.6	433.2	421.7	407.1	392.8	378.4	360.2	336.8	315.5
-57.5°	404.3	396.1	390.8	381.9	369.2	358.5	347.3	333.9	317.6	298.2	281.0
-60°	360.6	352.2	344.4	335.1	324.2	313.7	303.5	290.2	273.7	260.2	246.5
-62.5°	310.6	307.0	297.6	287.4	279.6	273.0	260.7	247.1	235.3	224.5	212.0
-65°	248.9	240.5	235.5	234.8	230.1	220.8	210.8	204.2	197.4	187.9	177.4
-67.5°	202.4	198.8	195.2	190.2	185.3	179.1	174.9	169.2	162.1	152.0	144.3
-70°	171.4	169.3	166.0	161.3	156.2	151.0	146.2	139.5	130.0	118.2	111.3
-72.5°	144.4	142.9	140.4	136.5	132.4	128.1	121.9	112.6	101.1	87.2	80.4
-75°	119.0	118.0	116.2	113.1	109.8	106.1	100.0	89.2	78.0	66.3	60.2
-77.5°	92.4	91.9	91.1	89.0	86.8	84.8	80.6	69.8	59.4	49.9	44.9
-80°	61.8	62.7	62.6	61.4	60.0	58.4	55.8	48.5	41.9	36.1	32.1
-82.5°	36.1	34.7	33.3	33.4	33.5	33.5	33.1	29.0	25.2	21.7	18.8
-85°	12.7	12.0	11.3	12.5	13.5	14.3	14.7	13.1	11.5	10.1	8.8
-87.5°	3.1	3.0	3.0	2.9	2.9	2.8	2.7	2.6	2.5	2.4	2.3
-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: P558861 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-935-U-MWR-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°	2.8	3.2	3.5	3.8	4.0	4.1	4.2	4.1	3.9	3.6	3.3
85°	9.4	9.7	9.7	9.5	8.9	8.2	8.3	8.3	7.8	7.3	6.7
82.5°	19.6	20.3	20.8	20.8	19.5	18.1	16.6	15.1	13.4	11.2	10.0
80°	33.9	35.0	35.3	34.4	31.1	27.9	25.7	23.5	21.8	19.4	16.3
77.5°	48.2	50.4	51.4	50.2	45.7	41.2	36.7	32.7	30.2	27.6	24.0
75°	63.1	66.4	68.4	67.2	61.6	54.4	48.8	44.0	40.6	36.0	31.8
72.5°	81.9	83.5	85.3	84.9	80.0	72.9	63.7	55.5	51.6	46.5	40.2
70°	106.9	102.3	101.2	100.5	97.5	92.0	82.7	71.9	62.9	57.1	49.9
67.5°	137.6	131.2	124.6	117.5	113.9	109.0	101.6	88.9	77.0	67.7	59.7
65°	168.1	159.4	151.3	141.0	132.5	126.0	118.5	104.9	90.6	78.8	69.5
62.5°	199.1	186.5	175.5	163.5	152.3	143.1	135.1	119.7	103.7	89.4	78.3
60°	231.6	216.3	199.8	185.3	171.8	159.5	148.7	134.3	116.9	99.4	86.4
57.5°	264.5	246.7	226.5	207.6	191.3	176.3	161.7	147.0	129.9	110.6	93.5
55°	297.0	277.4	253.1	230.6	211.0	193.7	175.3	158.7	142.2	122.0	98.8
52.5°	326.1	305.6	281.3	254.2	230.6	210.4	190.1	170.2	152.6	133.2	105.8
50°	355.7	330.3	307.1	280.2	250.3	226.8	204.4	182.9	162.8	143.5	112.4
47.5°	386.5	356.8	329.7	304.5	273.9	242.8	218.8	195.4	172.8	152.4	118.2
45°	414.9	384.2	353.0	324.9	295.9	261.3	232.9	207.4	183.5	156.9	123.2
42.5°	441.7	409.7	377.1	344.8	314.4	279.6	246.5	219.6	193.8	160.5	126.7
40°	467.4	433.7	399.8	366.0	332.8	296.2	261.4	231.4	202.9	163.5	129.0
37.5°	491.9	456.6	421.0	386.4	351.6	313.4	275.1	242.8	207.4	166.9	130.7
35°	515.7	478.2	442.2	405.9	369.4	330.8	287.3	253.7	214.0	169.7	131.6
32.5°	538.2	499.4	462.2	424.6	386.2	348.4	301.1	263.6	222.1	172.0	131.8
30°	560.2	520.1	481.1	442.5	402.1	363.1	316.6	273.3	231.4	173.7	131.8
27.5°	581.2	539.1	498.7	459.0	417.6	376.5	331.7	282.9	242.0	177.1	132.7
25°	600.5	556.9	515.0	474.0	432.2	389.5	345.7	292.3	250.8	184.2	133.0
22.5°	618.3	573.1	529.7	487.8	446.4	402.0	357.5	303.8	258.1	191.6	132.9
20°	634.6	587.5	543.6	502.3	459.2	413.9	367.6	314.3	264.9	199.2	132.2
17.5°	650.8	602.5	559.5	516.1	471.1	424.7	376.9	323.6	271.2	206.7	130.9
15°	676.5	618.8	573.9	529.0	482.1	434.4	385.5	331.9	276.9	213.9	130.5
12.5°	699.5	633.3	586.9	541.0	492.2	442.9	393.3	338.9	282.0	218.8	131.0
10°	719.0	646.0	598.4	551.9	501.2	450.2	400.0	344.9	286.2	220.8	130.7
7.5°	734.9	656.9	608.3	561.5	509.5	457.2	406.3	350.0	290.3	221.0	129.7
5°	748.5	668.9	620.7	572.1	519.3	464.1	411.6	353.8	294.0	219.5	128.0
2.5°	764.1	683.3	634.4	581.5	527.9	469.8	415.7	356.4	297.0	216.4	125.8
0°	776.3	695.9	646.6	589.2	535.0	474.3	418.5	357.8	298.7	211.7	123.1
-2.5°	764.1	683.3	634.4	581.5	527.9	469.8	415.7	356.4	297.0	216.4	125.8
-5°	748.5	668.9	620.7	572.1	519.3	464.1	411.6	353.8	294.0	219.5	128.0
-7.5°	734.9	656.9	608.3	561.5	509.5	457.2	406.3	350.0	290.3	221.0	129.7
-10°	719.0	646.0	598.4	551.9	501.2	450.2	400.0	344.9	286.2	220.8	130.7
-12.5°	699.5	633.3	586.9	541.0	492.2	442.9	393.3	338.9	282.0	218.8	131.0
-15°	676.5	618.8	573.9	529.0	482.1	434.4	385.5	331.9	276.9	213.9	130.5
-17.5°	650.8	602.5	559.5	516.1	471.1	424.7	376.9	323.6	271.2	206.7	130.9
-20°	634.6	587.5	543.6	502.3	459.2	413.9	367.6	314.3	264.9	199.2	132.2



REPORT NUMBER: P558861 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	618.3	573.1	529.7	487.8	446.4	402.0	357.5	303.8	258.1	191.6	132.9
-25°	600.5	556.9	515.0	474.0	432.2	389.5	345.7	292.3	250.8	184.2	133.0
-27.5°	581.2	539.1	498.7	459.0	417.6	376.5	331.7	282.9	242.0	177.1	132.7
-30°	560.2	520.1	481.1	442.5	402.1	363.1	316.6	273.3	231.4	173.7	131.8
-32.5°	538.2	499.4	462.2	424.6	386.2	348.4	301.1	263.6	222.1	172.0	131.8
-35°	515.7	478.2	442.2	405.9	369.4	330.8	287.3	253.7	214.0	169.7	131.6
-37.5°	491.9	456.6	421.0	386.4	351.6	313.4	275.1	242.8	207.4	166.9	130.7
-40°	467.4	433.7	399.8	366.0	332.8	296.2	261.4	231.4	202.9	163.5	129.0
-42.5°	441.7	409.7	377.1	344.8	314.4	279.6	246.5	219.6	193.8	160.5	126.7
-45°	414.9	384.2	353.0	324.9	295.9	261.3	232.9	207.4	183.5	156.9	123.2
-47.5°	386.5	356.8	329.7	304.5	273.9	242.8	218.8	195.4	172.8	152.4	118.2
-50°	355.7	330.3	307.1	280.2	250.3	226.8	204.4	182.9	162.8	143.5	112.4
-52.5°	326.1	305.6	281.3	254.2	230.6	210.4	190.1	170.2	152.6	133.2	105.8
-55°	297.0	277.4	253.1	230.6	211.0	193.7	175.3	158.7	142.2	122.0	98.8
-57.5°	264.5	246.7	226.5	207.6	191.3	176.3	161.7	147.0	129.9	110.6	93.5
-60°	231.6	216.3	199.8	185.3	171.8	159.5	148.7	134.3	116.9	99.4	86.4
-62.5°	199.1	186.5	175.5	163.5	152.3	143.1	135.1	119.7	103.7	89.4	78.3
-65°	168.1	159.4	151.3	141.0	132.5	126.0	118.5	104.9	90.6	78.8	69.5
-67.5°	137.6	131.2	124.6	117.5	113.9	109.0	101.6	88.9	77.0	67.7	59.7
-70°	106.9	102.3	101.2	100.5	97.5	92.0	82.7	71.9	62.9	57.1	49.9
-72.5°	81.9	83.5	85.3	84.9	80.0	72.9	63.7	55.5	51.6	46.5	40.2
-75°	63.1	66.4	68.4	67.2	61.6	54.4	48.8	44.0	40.6	36.0	31.8
-77.5°	48.2	50.4	51.4	50.2	45.7	41.2	36.7	32.7	30.2	27.6	24.0
-80°	33.9	35.0	35.3	34.4	31.1	27.9	25.7	23.5	21.8	19.4	16.3
-82.5°	19.6	20.3	20.8	20.8	19.5	18.1	16.6	15.1	13.4	11.2	10.0
-85°	9.4	9.7	9.7	9.5	8.9	8.2	8.3	8.3	7.8	7.3	6.7
-87.5°	2.8	3.2	3.5	3.8	4.0	4.1	4.2	4.1	3.9	3.6	3.3
-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: P558861 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-935-U-MWR-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°	3.0	2.3	1.7	1.2	0.7	0.4	0.0
85°	5.9	4.6	3.4	2.4	1.4	0.7	0.0
82.5°	8.9	6.9	5.1	3.5	2.1	1.1	0.0
80°	12.3	9.1	6.8	4.7	2.8	1.4	0.0
77.5°	19.2	12.5	8.4	5.8	3.5	1.8	0.0
75°	26.1	17.8	10.5	6.9	4.2	2.1	0.0
72.5°	32.8	23.0	14.3	8.0	4.9	2.5	0.0
70°	39.5	28.1	18.1	9.4	5.6	2.8	0.0
67.5°	47.2	33.0	21.8	11.9	6.3	3.1	0.0
65°	54.7	38.2	25.3	14.4	6.9	3.5	0.0
62.5°	61.8	43.8	28.7	16.8	7.6	3.8	0.0
60°	68.6	49.1	32.0	19.1	8.2	4.1	0.0
57.5°	73.2	54.1	35.7	21.3	9.6	4.4	0.0
55°	77.1	58.8	39.3	23.4	11.0	4.7	0.0
52.5°	80.5	62.8	42.6	25.4	12.4	5.0	0.0
50°	83.2	64.8	45.7	27.3	13.7	5.3	0.0
47.5°	85.7	66.4	48.6	29.1	15.0	5.5	0.0
45°	89.9	67.6	51.2	31.0	16.1	5.8	0.0
42.5°	93.4	68.4	53.6	32.8	17.3	6.0	0.0
40°	96.3	68.8	54.8	34.7	18.4	6.3	0.0
37.5°	98.5	68.8	55.0	36.7	19.4	6.5	0.0
35°	100.1	69.6	54.9	38.6	20.3	6.7	0.0
32.5°	100.9	70.7	54.6	40.4	21.2	6.9	0.0
30°	100.8	71.4	54.0	42.2	22.0	7.1	0.0
27.5°	100.2	71.6	54.6	43.9	22.8	7.3	0.0
25°	99.1	71.3	55.2	45.5	23.5	7.4	0.0
22.5°	97.5	71.5	55.7	47.1	24.1	7.6	0.0
20°	95.5	73.4	56.2	48.5	24.6	7.7	0.0
17.5°	95.6	75.0	56.5	49.9	25.1	7.8	0.0
15°	97.0	76.4	56.8	51.1	25.5	7.9	0.0
12.5°	98.2	77.6	57.0	52.2	25.8	8.0	0.0
10°	99.1	78.6	57.2	53.2	26.0	8.1	0.0
7.5°	99.7	79.4	57.3	54.1	26.2	8.1	0.0
5°	100.1	80.0	57.4	54.8	26.3	8.2	0.0
2.5°	100.2	80.3	57.4	55.4	26.3	8.2	0.0
0°	100.1	80.4	57.4	55.8	26.3	8.2	0.0
-2.5°	100.2	80.3	57.4	55.4	26.3	8.2	0.0
-5°	100.1	80.0	57.4	54.8	26.3	8.2	0.0
-7.5°	99.7	79.4	57.3	54.1	26.2	8.1	0.0
-10°	99.1	78.6	57.2	53.2	26.0	8.1	0.0
-12.5°	98.2	77.6	57.0	52.2	25.8	8.0	0.0
-15°	97.0	76.4	56.8	51.1	25.5	7.9	0.0
-17.5°	95.6	75.0	56.5	49.9	25.1	7.8	0.0
-20°	95.5	73.4	56.2	48.5	24.6	7.7	0.0



REPORT NUMBER: P558861 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	97.5	71.5	55.7	47.1	24.1	7.6	0.0
-25°	99.1	71.3	55.2	45.5	23.5	7.4	0.0
-27.5°	100.2	71.6	54.6	43.9	22.8	7.3	0.0
-30°	100.8	71.4	54.0	42.2	22.0	7.1	0.0
-32.5°	100.9	70.7	54.6	40.4	21.2	6.9	0.0
-35°	100.1	69.6	54.9	38.6	20.3	6.7	0.0
-37.5°	98.5	68.8	55.0	36.7	19.4	6.5	0.0
-40°	96.3	68.8	54.8	34.7	18.4	6.3	0.0
-42.5°	93.4	68.4	53.6	32.8	17.3	6.0	0.0
-45°	89.9	67.6	51.2	31.0	16.1	5.8	0.0
-47.5°	85.7	66.4	48.6	29.1	15.0	5.5	0.0
-50°	83.2	64.8	45.7	27.3	13.7	5.3	0.0
-52.5°	80.5	62.8	42.6	25.4	12.4	5.0	0.0
-55°	77.1	58.8	39.3	23.4	11.0	4.7	0.0
-57.5°	73.2	54.1	35.7	21.3	9.6	4.4	0.0
-60°	68.6	49.1	32.0	19.1	8.2	4.1	0.0
-62.5°	61.8	43.8	28.7	16.8	7.6	3.8	0.0
-65°	54.7	38.2	25.3	14.4	6.9	3.5	0.0
-67.5°	47.2	33.0	21.8	11.9	6.3	3.1	0.0
-70°	39.5	28.1	18.1	9.4	5.6	2.8	0.0
-72.5°	32.8	23.0	14.3	8.0	4.9	2.5	0.0
-75°	26.1	17.8	10.5	6.9	4.2	2.1	0.0
-77.5°	19.2	12.5	8.4	5.8	3.5	1.8	0.0
-80°	12.3	9.1	6.8	4.7	2.8	1.4	0.0
-82.5°	8.9	6.9	5.1	3.5	2.1	1.1	0.0
-85°	5.9	4.6	3.4	2.4	1.4	0.7	0.0
-87.5°	3.0	2.3	1.7	1.2	0.7	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)