

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: P558741 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-940-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558741 (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-SA2E-940-U-MWR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (32) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

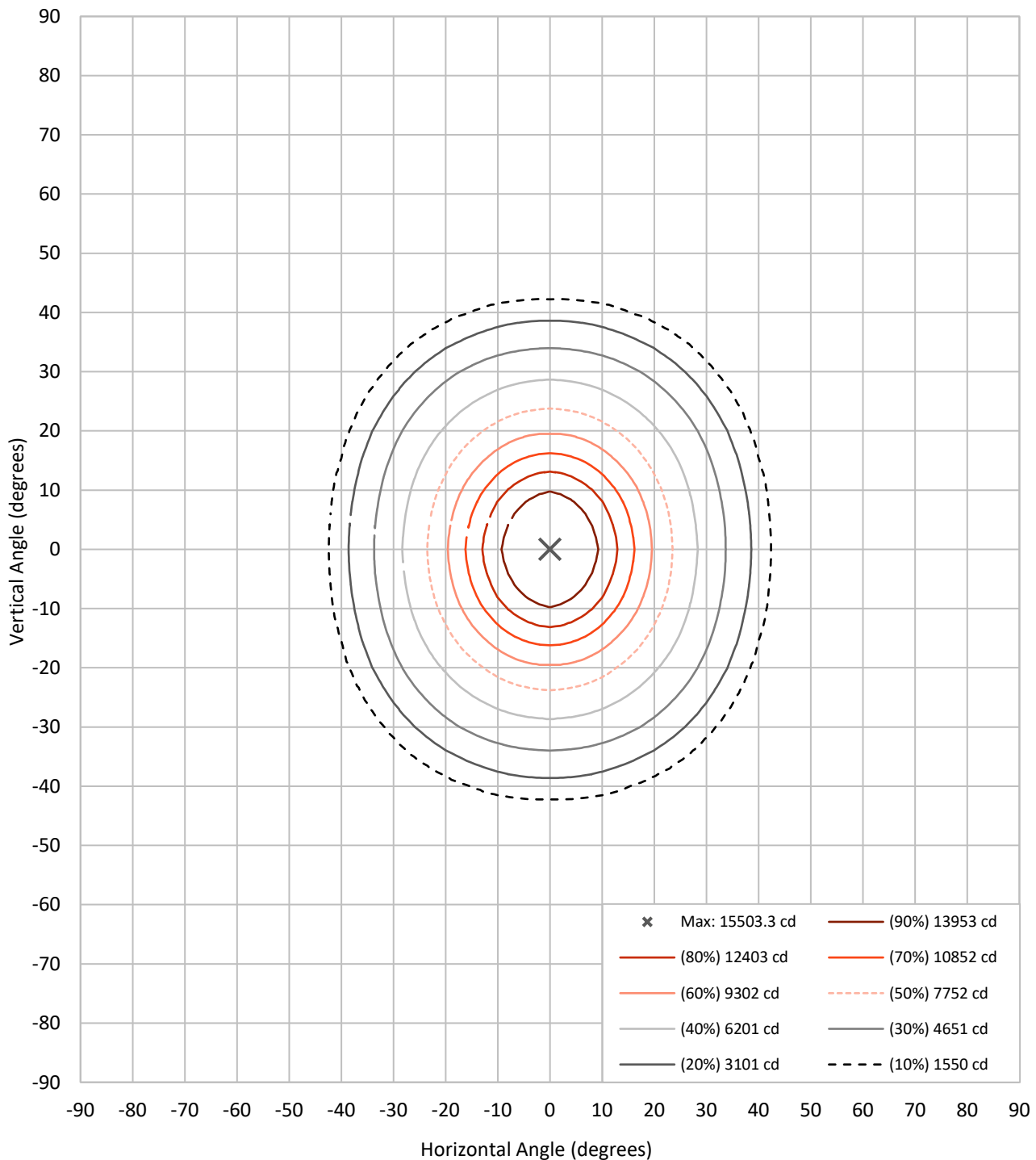
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	12068.4 lumens	Max Intensity:	15503.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	95.0 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	5694.7 lumens	Field Lumens:	10958.1 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 127
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-SA2E-940-U-MWR-XX

Iso-Candela Plot





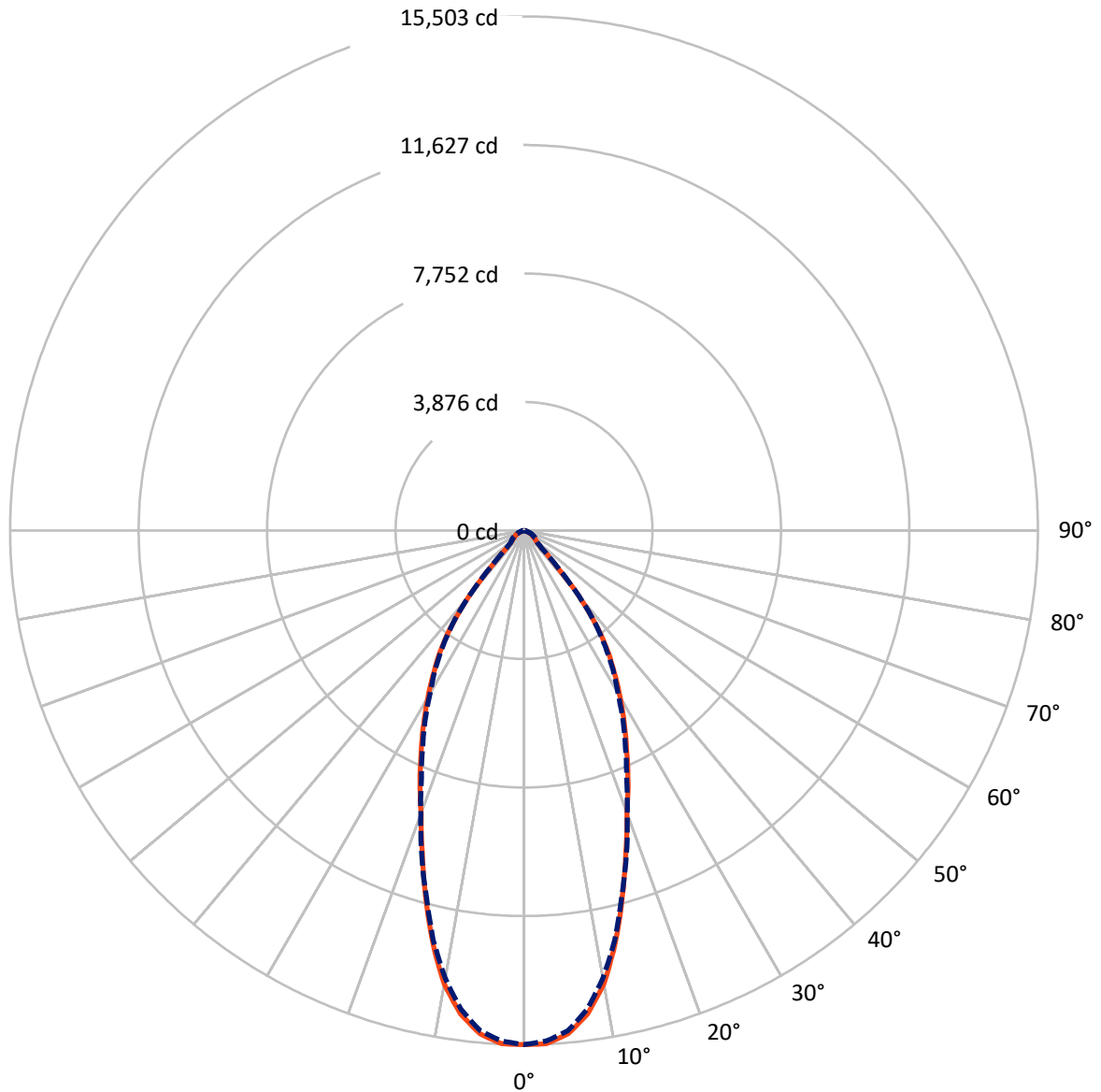
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Lumen Table

90																			
80	0.2	1.5		3.3		5.4		4.2		5.4		3.3		1.5		0.2			
70																			
60	0.8	1.0	1.8	2.7	3.8	4.8	5.5	6.0	6.0	5.5	4.8	3.8	2.7	1.8	1.0	0.8			
50		1.5	2.9	4.8	6.9	8.7	9.9	10.9	10.9	9.9	8.7	6.9	4.8	2.9	1.5				
40	1.3	1.9	4.0	6.8	9.9	13.5	21.4	30.0	30.0	21.4	13.5	9.9	6.8	4.0	1.9	1.3			
30		2.3	5.0	8.5	15.9	50.9	99.0	126.2	126.2	99.0	50.9	15.9	8.5	5.0	2.3				
20	1.4	2.7	5.9	10.6	46.5	121.5	179.3	217.1	217.1	179.3	121.5	46.5	10.6	5.9	2.7	1.4			
10		3.1	6.6	16.2	84.6	167.7	254.8	331.7	331.7	254.8	167.7	84.6	16.2	6.6	3.1				
0	1.5	3.3	7.1	22.4	103.0	195.7	320.5	433.5	433.5	320.5	195.7	103.0	22.4	7.1	3.3	1.5			
-10		3.3	7.1	22.4	103.0	195.7	320.5	433.5	433.5	320.5	195.7	103.0	22.4	7.1	3.3				
-20	1.4	3.1	6.6	16.2	84.6	167.7	254.8	331.7	331.7	254.8	167.7	84.6	16.2	6.6	3.1	1.4			
-30		2.7	5.9	10.6	46.5	121.5	179.3	217.1	217.1	179.3	121.5	46.5	10.6	5.9	2.7				
-40	1.3	2.3	5.0	8.5	15.9	50.9	99.0	126.2	126.2	99.0	50.9	15.9	8.5	5.0	2.3	1.3			
-50		1.9	4.0	6.8	9.9	13.5	21.4	30.0	30.0	21.4	13.5	9.9	6.8	4.0	1.9				
-60	0.8	1.5	2.9	4.8	6.9	8.7	9.9	10.9	10.9	9.9	8.7	6.9	4.8	2.9	1.5	0.8			
-70		1.0	1.8	2.7	3.8	4.8	5.5	6.0	6.0	5.5	4.8	3.8	2.7	1.8	1.0				
-80																			
-90	0.2	1.5		3.3		5.4		4.2		5.4		3.3		1.5		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P558741 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-940-U-MWR-XX

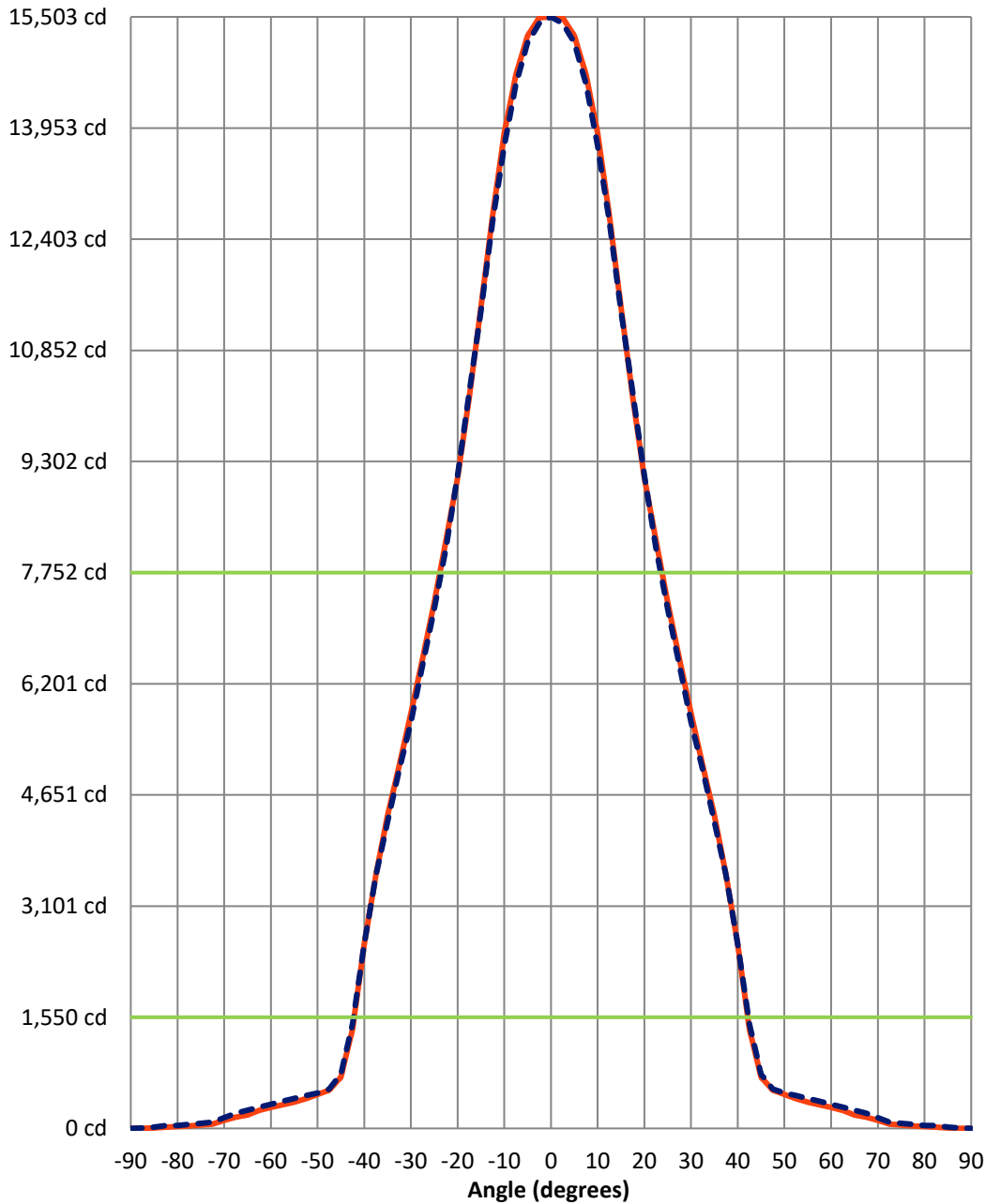
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 47°
 V Angle: 47.6°
 Lumens: 5694.7
 Efficiency: 47.2%

Field:
 H Angle: 84.6°
 V Angle: 84.3°
 Lumens: 10958.1
 Efficiency: 90.8%

Spill:
 Lumens: 1110.3
 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	0.3	0.5	0.8	1.2	1.6	2.1	2.4	2.6	2.8	3.0
85°	0.0	0.5	1.0	1.7	2.4	3.2	4.2	4.7	5.2	5.6	5.9
82.5°	0.0	0.8	1.5	2.5	3.6	4.9	6.3	7.1	8.0	9.6	10.8
80°	0.0	1.0	2.0	3.3	4.8	6.4	8.6	11.5	13.8	15.5	16.7
77.5°	0.0	1.3	2.5	4.1	5.9	8.8	13.6	17.0	19.6	21.5	23.2
75°	0.0	1.5	3.0	4.9	7.4	12.6	18.5	22.6	25.6	28.8	31.3
72.5°	0.0	1.7	3.5	5.7	10.1	16.3	23.2	28.5	33.0	36.6	39.4
70°	0.0	2.0	4.0	6.6	12.8	19.9	27.9	35.4	40.5	44.6	51.0
67.5°	0.0	2.2	4.4	8.4	15.4	23.4	33.5	42.3	48.0	54.6	63.0
65°	0.0	2.5	4.9	10.2	17.9	27.1	38.8	49.3	55.9	64.3	74.4
62.5°	0.0	2.7	5.4	11.9	20.3	31.0	43.8	55.6	63.4	73.5	84.9
60°	0.0	2.9	5.8	13.5	22.7	34.8	48.7	61.3	70.5	82.9	95.2
57.5°	0.0	3.1	6.8	15.1	25.3	38.3	51.9	66.3	78.5	92.2	104.2
55°	0.0	3.3	7.8	16.6	27.8	41.7	54.7	70.0	86.6	100.9	112.6
52.5°	0.0	3.5	8.8	18.0	30.2	44.6	57.1	75.1	94.5	108.3	120.7
50°	0.0	3.7	9.7	19.3	32.4	46.0	59.0	79.7	101.8	115.5	129.8
47.5°	0.0	3.9	10.6	20.6	34.4	47.1	60.8	83.9	108.1	122.6	138.6
45°	0.0	4.1	11.4	22.0	36.3	48.0	63.7	87.4	111.3	130.1	147.1
42.5°	0.0	4.3	12.2	23.3	38.0	48.5	66.2	89.9	113.8	137.4	155.7
40°	0.0	4.4	13.0	24.6	38.9	48.8	68.3	91.5	116.0	143.9	164.1
37.5°	0.0	4.6	13.7	26.0	39.0	48.8	69.8	92.7	118.4	147.1	172.1
35°	0.0	4.8	14.4	27.3	38.9	49.4	71.0	93.3	120.4	151.8	179.8
32.5°	0.0	4.9	15.0	28.7	38.7	50.2	71.5	93.5	122.0	157.5	186.9
30°	0.0	5.0	15.6	29.9	38.3	50.6	71.5	93.5	123.2	164.1	193.8
27.5°	0.0	5.1	16.1	31.1	38.7	50.7	71.1	94.1	125.6	171.6	200.6
25°	0.0	5.3	16.6	32.3	39.2	50.6	70.3	94.4	130.7	177.9	207.2
22.5°	0.0	5.4	17.0	33.4	39.5	50.7	69.2	94.2	135.9	183.0	215.4
20°	0.0	5.5	17.4	34.4	39.8	52.0	67.7	93.7	141.3	187.8	222.9
17.5°	0.0	5.5	17.7	35.4	40.1	53.2	67.8	92.9	146.6	192.3	229.5
15°	0.0	5.6	18.0	36.3	40.3	54.2	68.8	92.6	151.7	196.3	235.3
12.5°	0.0	5.7	18.2	37.1	40.4	55.0	69.6	93.0	155.2	199.9	240.3
10°	0.0	5.7	18.4	37.8	40.6	55.7	70.3	92.7	156.6	202.9	244.6
7.5°	0.0	5.8	18.5	38.4	40.6	56.3	70.7	92.0	156.7	205.9	248.2
5°	0.0	5.8	18.6	38.9	40.7	56.7	71.0	90.8	155.6	208.5	250.9
2.5°	0.0	5.8	18.6	39.3	40.7	56.9	71.1	89.2	153.4	210.6	252.7
0°	0.0	5.8	18.6	39.6	40.7	57.0	71.0	87.3	150.1	211.8	253.7
-2.5°	0.0	5.8	18.6	39.3	40.7	56.9	71.1	89.2	153.4	210.6	252.7
-5°	0.0	5.8	18.6	38.9	40.7	56.7	71.0	90.8	155.6	208.5	250.9
-7.5°	0.0	5.8	18.5	38.4	40.6	56.3	70.7	92.0	156.7	205.9	248.2
-10°	0.0	5.7	18.4	37.8	40.6	55.7	70.3	92.7	156.6	202.9	244.6
-12.5°	0.0	5.7	18.2	37.1	40.4	55.0	69.6	93.0	155.2	199.9	240.3
-15°	0.0	5.6	18.0	36.3	40.3	54.2	68.8	92.6	151.7	196.3	235.3
-17.5°	0.0	5.5	17.7	35.4	40.1	53.2	67.8	92.9	146.6	192.3	229.5
-20°	0.0	5.5	17.4	34.4	39.8	52.0	67.7	93.7	141.3	187.8	222.9



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 CATALOG NUMBER: GFLD-SA2E-940-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	5.4	17.0	33.4	39.5	50.7	69.2	94.2	135.9	183.0	215.4
-25°	0.0	5.3	16.6	32.3	39.2	50.6	70.3	94.4	130.7	177.9	207.2
-27.5°	0.0	5.1	16.1	31.1	38.7	50.7	71.1	94.1	125.6	171.6	200.6
-30°	0.0	5.0	15.6	29.9	38.3	50.6	71.5	93.5	123.2	164.1	193.8
-32.5°	0.0	4.9	15.0	28.7	38.7	50.2	71.5	93.5	122.0	157.5	186.9
-35°	0.0	4.8	14.4	27.3	38.9	49.4	71.0	93.3	120.4	151.8	179.8
-37.5°	0.0	4.6	13.7	26.0	39.0	48.8	69.8	92.7	118.4	147.1	172.1
-40°	0.0	4.4	13.0	24.6	38.9	48.8	68.3	91.5	116.0	143.9	164.1
-42.5°	0.0	4.3	12.2	23.3	38.0	48.5	66.2	89.9	113.8	137.4	155.7
-45°	0.0	4.1	11.4	22.0	36.3	48.0	63.7	87.4	111.3	130.1	147.1
-47.5°	0.0	3.9	10.6	20.6	34.4	47.1	60.8	83.9	108.1	122.6	138.6
-50°	0.0	3.7	9.7	19.3	32.4	46.0	59.0	79.7	101.8	115.5	129.8
-52.5°	0.0	3.5	8.8	18.0	30.2	44.6	57.1	75.1	94.5	108.3	120.7
-55°	0.0	3.3	7.8	16.6	27.8	41.7	54.7	70.0	86.6	100.9	112.6
-57.5°	0.0	3.1	6.8	15.1	25.3	38.3	51.9	66.3	78.5	92.2	104.2
-60°	0.0	2.9	5.8	13.5	22.7	34.8	48.7	61.3	70.5	82.9	95.2
-62.5°	0.0	2.7	5.4	11.9	20.3	31.0	43.8	55.6	63.4	73.5	84.9
-65°	0.0	2.5	4.9	10.2	17.9	27.1	38.8	49.3	55.9	64.3	74.4
-67.5°	0.0	2.2	4.4	8.4	15.4	23.4	33.5	42.3	48.0	54.6	63.0
-70°	0.0	2.0	4.0	6.6	12.8	19.9	27.9	35.4	40.5	44.6	51.0
-72.5°	0.0	1.7	3.5	5.7	10.1	16.3	23.2	28.5	33.0	36.6	39.4
-75°	0.0	1.5	3.0	4.9	7.4	12.6	18.5	22.6	25.6	28.8	31.3
-77.5°	0.0	1.3	2.5	4.1	5.9	8.8	13.6	17.0	19.6	21.5	23.2
-80°	0.0	1.0	2.0	3.3	4.8	6.4	8.6	11.5	13.8	15.5	16.7
-82.5°	0.0	0.8	1.5	2.5	3.6	4.9	6.3	7.1	8.0	9.6	10.8
-85°	0.0	0.5	1.0	1.7	2.4	3.2	4.2	4.7	5.2	5.6	5.9
-87.5°	0.0	0.3	0.5	0.8	1.2	1.6	2.1	2.4	2.6	2.8	3.0
-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: P558741 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-940-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°	3.0	2.9	2.8	2.7	2.5	2.3	2.0	1.6	1.7	1.8	1.8
85°	5.9	5.9	6.3	6.8	6.9	6.8	6.6	6.2	7.1	8.2	9.3
82.5°	11.8	12.8	13.8	14.7	14.7	14.4	13.9	13.3	15.3	17.9	20.6
80°	18.2	19.8	22.0	24.4	25.0	24.8	24.0	22.7	25.5	29.7	34.4
77.5°	26.1	29.2	32.4	35.6	36.4	35.7	34.2	31.8	35.4	42.1	49.5
75°	34.6	38.6	43.7	47.6	48.5	47.1	44.8	42.7	47.0	55.3	63.3
72.5°	45.2	51.7	56.7	60.3	60.5	59.2	58.1	57.0	61.9	71.7	79.9
70°	58.7	65.3	69.2	71.3	71.7	72.5	75.9	79.0	83.8	92.3	98.9
67.5°	72.1	77.3	80.8	83.3	88.3	93.1	97.6	102.4	107.8	114.9	120.0
65°	84.0	89.4	94.0	100.0	107.3	113.0	119.2	125.8	133.3	140.0	144.9
62.5°	95.8	101.5	108.0	116.0	124.4	132.2	141.2	150.4	159.3	166.9	175.3
60°	105.5	113.1	121.8	131.4	141.6	153.4	164.3	174.9	184.6	194.1	205.8
57.5°	114.7	125.1	135.7	147.2	160.6	175.0	187.6	199.3	211.5	225.2	236.7
55°	124.4	137.4	149.6	163.6	179.5	196.8	210.7	223.8	238.8	255.4	268.3
52.5°	134.8	149.3	163.6	180.3	199.5	216.7	231.2	247.6	265.8	283.8	298.8
50°	145.0	160.9	177.5	198.7	217.8	234.2	252.2	272.0	291.0	309.5	327.2
47.5°	155.2	172.2	194.3	216.0	233.8	253.0	274.1	294.4	314.4	333.7	352.2
45°	165.2	185.3	209.9	230.5	250.4	272.4	294.2	315.5	336.5	357.1	377.3
42.5°	174.8	198.3	223.0	244.5	267.4	290.5	313.2	335.8	358.0	380.0	401.6
40°	185.3	210.1	236.1	259.6	283.5	307.6	331.5	355.3	378.8	402.0	424.9
37.5°	195.1	222.3	249.4	274.0	298.6	323.8	348.9	374.1	398.8	423.1	449.1
35°	203.8	234.6	262.0	287.8	313.6	339.2	365.7	392.2	418.3	444.6	477.8
32.5°	213.5	247.1	273.9	301.1	327.8	354.2	381.8	409.8	437.5	468.2	516.1
30°	224.6	257.5	285.2	313.8	341.2	368.8	397.3	426.6	455.8	503.5	614.0
27.5°	235.3	267.0	296.2	325.5	353.7	382.4	412.2	442.5	483.2	556.6	735.8
25°	245.2	276.2	306.5	336.2	365.2	395.0	425.8	457.3	512.6	660.9	1056.7
22.5°	253.6	285.1	316.5	345.9	375.7	406.4	438.5	480.3	565.7	766.2	1413.7
20°	260.7	293.5	325.7	356.2	385.5	416.6	450.0	502.2	646.4	1066.7	1841.6
17.5°	267.3	301.2	334.1	366.0	396.7	427.3	461.6	521.2	719.1	1327.9	2271.9
15°	273.4	308.0	341.9	375.2	407.0	438.8	479.8	574.9	866.0	1587.3	2655.1
12.5°	278.9	314.1	349.1	383.7	416.2	449.1	496.1	628.3	1046.0	1891.5	2916.7
10°	283.7	319.3	355.5	391.4	424.3	458.1	509.9	672.1	1193.9	2141.8	3126.9
7.5°	288.2	324.2	361.4	398.3	431.4	465.9	521.1	706.3	1308.2	2330.2	3294.6
5°	291.9	329.2	368.3	405.7	440.2	474.3	530.8	730.9	1388.5	2457.2	3416.7
2.5°	294.8	333.2	374.4	412.4	449.9	484.6	541.9	749.0	1440.3	2538.0	3494.9
0°	296.8	336.4	379.4	417.8	458.6	493.5	550.5	757.7	1459.5	2567.6	3524.3
-2.5°	294.8	333.2	374.4	412.4	449.9	484.6	541.9	749.0	1440.3	2538.0	3494.9
-5°	291.9	329.2	368.3	405.7	440.2	474.3	530.8	730.9	1388.5	2457.2	3416.7
-7.5°	288.2	324.2	361.4	398.3	431.4	465.9	521.1	706.3	1308.2	2330.2	3294.6
-10°	283.7	319.3	355.5	391.4	424.3	458.1	509.9	672.1	1193.9	2141.8	3126.9
-12.5°	278.9	314.1	349.1	383.7	416.2	449.1	496.1	628.3	1046.0	1891.5	2916.7
-15°	273.4	308.0	341.9	375.2	407.0	438.8	479.8	574.9	866.0	1587.3	2655.1
-17.5°	267.3	301.2	334.1	366.0	396.7	427.3	461.6	521.2	719.1	1327.9	2271.9
-20°	260.7	293.5	325.7	356.2	385.5	416.6	450.0	502.2	646.4	1066.7	1841.6



REPORT NUMBER: P558741 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-940-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°	253.6	285.1	316.5	345.9	375.7	406.4	438.5	480.3	565.7	766.2	1413.7
-25°	245.2	276.2	306.5	336.2	365.2	395.0	425.8	457.3	512.6	660.9	1056.7
-27.5°	235.3	267.0	296.2	325.5	353.7	382.4	412.2	442.5	483.2	556.6	735.8
-30°	224.6	257.5	285.2	313.8	341.2	368.8	397.3	426.6	455.8	503.5	614.0
-32.5°	213.5	247.1	273.9	301.1	327.8	354.2	381.8	409.8	437.5	468.2	516.1
-35°	203.8	234.6	262.0	287.8	313.6	339.2	365.7	392.2	418.3	444.6	477.8
-37.5°	195.1	222.3	249.4	274.0	298.6	323.8	348.9	374.1	398.8	423.1	449.1
-40°	185.3	210.1	236.1	259.6	283.5	307.6	331.5	355.3	378.8	402.0	424.9
-42.5°	174.8	198.3	223.0	244.5	267.4	290.5	313.2	335.8	358.0	380.0	401.6
-45°	165.2	185.3	209.9	230.5	250.4	272.4	294.2	315.5	336.5	357.1	377.3
-47.5°	155.2	172.2	194.3	216.0	233.8	253.0	274.1	294.4	314.4	333.7	352.2
-50°	145.0	160.9	177.5	198.7	217.8	234.2	252.2	272.0	291.0	309.5	327.2
-52.5°	134.8	149.3	163.6	180.3	199.5	216.7	231.2	247.6	265.8	283.8	298.8
-55°	124.4	137.4	149.6	163.6	179.5	196.8	210.7	223.8	238.8	255.4	268.3
-57.5°	114.7	125.1	135.7	147.2	160.6	175.0	187.6	199.3	211.5	225.2	236.7
-60°	105.5	113.1	121.8	131.4	141.6	153.4	164.3	174.9	184.6	194.1	205.8
-62.5°	95.8	101.5	108.0	116.0	124.4	132.2	141.2	150.4	159.3	166.9	175.3
-65°	84.0	89.4	94.0	100.0	107.3	113.0	119.2	125.8	133.3	140.0	144.9
-67.5°	72.1	77.3	80.8	83.3	88.3	93.1	97.6	102.4	107.8	114.9	120.0
-70°	58.7	65.3	69.2	71.3	71.7	72.5	75.9	79.0	83.8	92.3	98.9
-72.5°	45.2	51.7	56.7	60.3	60.5	59.2	58.1	57.0	61.9	71.7	79.9
-75°	34.6	38.6	43.7	47.6	48.5	47.1	44.8	42.7	47.0	55.3	63.3
-77.5°	26.1	29.2	32.4	35.6	36.4	35.7	34.2	31.8	35.4	42.1	49.5
-80°	18.2	19.8	22.0	24.4	25.0	24.8	24.0	22.7	25.5	29.7	34.4
-82.5°	11.8	12.8	13.8	14.7	14.7	14.4	13.9	13.3	15.3	17.9	20.6
-85°	5.9	5.9	6.3	6.8	6.9	6.8	6.6	6.2	7.1	8.2	9.3
-87.5°	3.0	2.9	2.8	2.7	2.5	2.3	2.0	1.6	1.7	1.8	1.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558741 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-940-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°	1.9	1.9	2.0	2.0	2.1	2.1	2.2	2.2	2.2	2.0	1.7
85°	10.4	10.1	9.6	8.9	8.0	8.5	9.0	9.5	9.9	9.3	8.5
82.5°	23.5	23.8	23.8	23.7	23.6	24.6	25.6	26.5	27.2	25.1	22.7
80°	39.6	41.5	42.5	43.5	44.4	44.4	43.8	42.8	41.4	37.8	33.9
77.5°	57.1	60.1	61.6	63.1	64.6	65.2	65.5	65.9	66.3	60.2	52.3
75°	70.9	75.3	77.9	80.2	82.4	83.7	84.4	84.9	85.1	77.6	68.1
72.5°	86.5	90.8	93.9	96.8	99.6	101.3	102.4	103.2	103.7	97.2	88.1
70°	103.7	107.1	110.8	114.4	117.7	120.0	121.5	122.8	123.7	123.1	122.6
67.5°	124.0	127.0	131.5	134.9	138.4	140.9	143.5	145.6	147.2	148.9	150.8
65°	149.5	156.7	163.2	166.5	167.0	170.6	176.5	180.3	182.2	183.7	185.6
62.5°	184.9	193.6	198.3	203.8	211.1	217.7	220.3	223.8	227.8	232.8	238.5
60°	215.3	222.5	229.9	237.6	244.3	249.8	255.8	261.7	267.1	272.1	276.9
57.5°	246.3	254.2	261.8	270.9	277.2	280.9	286.7	293.9	299.4	303.7	310.2
55°	278.5	288.7	299.1	307.2	313.1	317.1	321.5	328.4	332.5	334.0	341.6
52.5°	310.9	323.0	335.7	345.2	351.5	357.4	362.9	368.9	373.0	375.0	382.4
50°	340.9	355.3	369.5	381.9	390.3	400.0	411.0	416.5	420.0	423.9	432.2
47.5°	369.4	385.5	400.7	414.7	426.8	437.8	447.3	456.5	469.9	480.7	491.3
45°	396.9	414.0	430.4	446.2	459.7	481.2	501.6	518.9	565.4	604.4	634.2
42.5°	422.7	443.4	461.9	488.2	516.7	566.2	642.6	713.4	850.5	1026.9	1174.2
40°	449.6	476.5	509.7	560.7	657.4	756.7	1053.7	1318.4	1578.7	1874.8	2128.5
37.5°	481.0	521.5	618.8	734.2	1044.0	1386.7	1807.7	2220.9	2580.7	2888.6	3145.6
35°	522.7	647.7	829.4	1249.9	1707.7	2269.7	2754.9	3143.4	3498.9	3784.1	3998.8
32.5°	645.3	874.0	1354.1	1932.5	2562.2	3105.1	3577.6	3949.7	4273.9	4529.6	4728.6
30°	824.9	1350.6	2002.5	2695.3	3322.5	3840.8	4277.4	4632.1	4921.5	5181.7	5400.1
27.5°	1251.6	1928.0	2694.3	3400.9	3971.3	4456.6	4848.4	5199.7	5518.7	5792.7	6050.9
25°	1718.5	2555.8	3328.8	3971.9	4504.2	4959.6	5372.7	5756.9	6114.2	6434.8	6735.2
22.5°	2279.2	3114.3	3853.0	4448.2	4964.2	5431.9	5870.7	6298.3	6714.2	7105.4	7468.8
20°	2786.9	3606.5	4250.7	4845.1	5381.1	5868.5	6352.1	6850.5	7330.4	7801.7	8239.3
17.5°	3182.5	3945.0	4591.7	5194.2	5739.8	6291.8	6845.2	7417.7	7996.6	8543.8	9067.3
15°	3512.8	4227.4	4882.8	5485.2	6085.1	6694.1	7312.4	7986.8	8675.3	9330.4	9997.6
12.5°	3747.0	4463.0	5127.4	5731.9	6404.4	7065.6	7785.3	8553.9	9349.1	10112.1	10931.7
10°	3935.3	4651.0	5309.8	5961.6	6673.3	7406.4	8213.6	9060.3	10009.2	10912.7	11795.7
7.5°	4096.9	4807.9	5456.4	6148.9	6897.1	7702.8	8580.8	9538.0	10564.8	11570.2	12621.3
5°	4215.1	4914.8	5570.3	6302.5	7069.1	7919.4	8863.9	9886.7	10988.0	12089.6	13129.0
2.5°	4277.7	4975.7	5641.1	6397.8	7170.0	8050.6	9034.2	10118.4	11281.6	12483.6	13508.5
0°	4276.2	5001.3	5668.2	6462.0	7244.2	8090.3	9107.6	10266.8	11401.6	12650.5	13702.7
-2.5°	4277.7	4975.7	5641.1	6397.8	7170.0	8050.6	9034.2	10118.4	11281.6	12483.6	13508.5
-5°	4215.1	4914.8	5570.3	6302.5	7069.1	7919.4	8863.9	9886.7	10988.0	12089.6	13129.0
-7.5°	4096.9	4807.9	5456.4	6148.9	6897.1	7702.8	8580.8	9538.0	10564.8	11570.2	12621.3
-10°	3935.3	4651.0	5309.8	5961.6	6673.3	7406.4	8213.6	9060.3	10009.2	10912.7	11795.7
-12.5°	3747.0	4463.0	5127.4	5731.9	6404.4	7065.6	7785.3	8553.9	9349.1	10112.1	10931.7
-15°	3512.8	4227.4	4882.8	5485.2	6085.1	6694.1	7312.4	7986.8	8675.3	9330.4	9997.6
-17.5°	3182.5	3945.0	4591.7	5194.2	5739.8	6291.8	6845.2	7417.7	7996.6	8543.8	9067.3
-20°	2786.9	3606.5	4250.7	4845.1	5381.1	5868.5	6352.1	6850.5	7330.4	7801.7	8239.3



REPORT NUMBER: P558741 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-940-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2279.2	3114.3	3853.0	4448.2	4964.2	5431.9	5870.7	6298.3	6714.2	7105.4	7468.8
-25°	1718.5	2555.8	3328.8	3971.9	4504.2	4959.6	5372.7	5756.9	6114.2	6434.8	6735.2
-27.5°	1251.6	1928.0	2694.3	3400.9	3971.3	4456.6	4848.4	5199.7	5518.7	5792.7	6050.9
-30°	824.9	1350.6	2002.5	2695.3	3322.5	3840.8	4277.4	4632.1	4921.5	5181.7	5400.1
-32.5°	645.3	874.0	1354.1	1932.5	2562.2	3105.1	3577.6	3949.7	4273.9	4529.6	4728.6
-35°	522.7	647.7	829.4	1249.9	1707.7	2269.7	2754.9	3143.4	3498.9	3784.1	3998.8
-37.5°	481.0	521.5	618.8	734.2	1044.0	1386.7	1807.7	2220.9	2580.7	2888.6	3145.6
-40°	449.6	476.5	509.7	560.7	657.4	756.7	1053.7	1318.4	1578.7	1874.8	2128.5
-42.5°	422.7	443.4	461.9	488.2	516.7	566.2	642.6	713.4	850.5	1026.9	1174.2
-45°	396.9	414.0	430.4	446.2	459.7	481.2	501.6	518.9	565.4	604.4	634.2
-47.5°	369.4	385.5	400.7	414.7	426.8	437.8	447.3	456.5	469.9	480.7	491.3
-50°	340.9	355.3	369.5	381.9	390.3	400.0	411.0	416.5	420.0	423.9	432.2
-52.5°	310.9	323.0	335.7	345.2	351.5	357.4	362.9	368.9	373.0	375.0	382.4
-55°	278.5	288.7	299.1	307.2	313.1	317.1	321.5	328.4	332.5	334.0	341.6
-57.5°	246.3	254.2	261.8	270.9	277.2	280.9	286.7	293.9	299.4	303.7	310.2
-60°	215.3	222.5	229.9	237.6	244.3	249.8	255.8	261.7	267.1	272.1	276.9
-62.5°	184.9	193.6	198.3	203.8	211.1	217.7	220.3	223.8	227.8	232.8	238.5
-65°	149.5	156.7	163.2	166.5	167.0	170.6	176.5	180.3	182.2	183.7	185.6
-67.5°	124.0	127.0	131.5	134.9	138.4	140.9	143.5	145.6	147.2	148.9	150.8
-70°	103.7	107.1	110.8	114.4	117.7	120.0	121.5	122.8	123.7	123.1	122.6
-72.5°	86.5	90.8	93.9	96.8	99.6	101.3	102.4	103.2	103.7	97.2	88.1
-75°	70.9	75.3	77.9	80.2	82.4	83.7	84.4	84.9	85.1	77.6	68.1
-77.5°	57.1	60.1	61.6	63.1	64.6	65.2	65.5	65.9	66.3	60.2	52.3
-80°	39.6	41.5	42.5	43.5	44.4	44.4	43.8	42.8	41.4	37.8	33.9
-82.5°	23.5	23.8	23.8	23.7	23.6	24.6	25.6	26.5	27.2	25.1	22.7
-85°	10.4	10.1	9.6	8.9	8.0	8.5	9.0	9.5	9.9	9.3	8.5
-87.5°	1.9	1.9	2.0	2.0	2.1	2.1	2.2	2.2	2.2	2.0	1.7
-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: P558741 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-940-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°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.7	2.0	2.2	2.2
85°	7.8	7.0	7.0	7.0	7.0	7.0	7.8	8.5	9.3	9.9	9.5
82.5°	20.1	17.4	17.5	17.5	17.5	17.4	20.1	22.7	25.1	27.2	26.5
80°	29.8	25.6	26.2	26.8	26.2	25.6	29.8	33.9	37.8	41.4	42.8
77.5°	44.0	35.2	34.9	34.9	34.9	35.2	44.0	52.3	60.2	66.3	65.9
75°	58.2	48.1	47.6	47.7	47.6	48.1	58.2	68.1	77.6	85.1	84.9
72.5°	78.7	69.1	64.7	60.5	64.7	69.1	78.7	88.1	97.2	103.7	103.2
70°	122.7	122.9	118.6	112.9	118.6	122.9	122.7	122.6	123.1	123.7	122.8
67.5°	152.5	153.7	155.5	157.1	155.5	153.7	152.5	150.8	148.9	147.2	145.6
65°	186.5	186.4	187.1	187.4	187.1	186.4	186.5	185.6	183.7	182.2	180.3
62.5°	243.3	247.2	250.0	251.4	250.0	247.2	243.3	238.5	232.8	227.8	223.8
60°	281.0	284.2	288.8	293.3	288.8	284.2	281.0	276.9	272.1	267.1	261.7
57.5°	316.2	321.6	326.1	329.4	326.1	321.6	316.2	310.2	303.7	299.4	293.9
55°	348.7	355.1	361.1	366.6	361.1	355.1	348.7	341.6	334.0	332.5	328.4
52.5°	389.5	394.8	403.4	414.4	403.4	394.8	389.5	382.4	375.0	373.0	368.9
50°	441.7	449.6	460.5	473.7	460.5	449.6	441.7	432.2	423.9	420.0	416.5
47.5°	502.0	509.9	520.4	534.2	520.4	509.9	502.0	491.3	480.7	469.9	456.5
45°	661.4	680.1	697.1	715.8	697.1	680.1	661.4	634.2	604.4	565.4	518.9
42.5°	1292.3	1373.9	1409.2	1388.5	1409.2	1373.9	1292.3	1174.2	1026.9	850.5	713.4
40°	2321.9	2457.6	2537.5	2565.3	2537.5	2457.6	2321.9	2128.5	1874.8	1578.7	1318.4
37.5°	3333.4	3458.3	3525.7	3533.6	3525.7	3458.3	3333.4	3145.6	2888.6	2580.7	2220.9
35°	4153.8	4256.7	4317.7	4363.5	4317.7	4256.7	4153.8	3998.8	3784.1	3498.9	3143.4
32.5°	4890.7	5008.0	5075.7	5060.7	5075.7	5008.0	4890.7	4728.6	4529.6	4273.9	3949.7
30°	5579.1	5707.3	5786.9	5789.3	5786.9	5707.3	5579.1	5400.1	5181.7	4921.5	4632.1
27.5°	6259.6	6403.6	6486.6	6551.6	6486.6	6403.6	6259.6	6050.9	5792.7	5518.7	5199.7
25°	6985.6	7165.0	7271.6	7336.1	7271.6	7165.0	6985.6	6735.2	6434.8	6114.2	5756.9
22.5°	7768.4	7990.7	8136.7	8197.4	8136.7	7990.7	7768.4	7468.8	7105.4	6714.2	6298.3
20°	8619.9	8895.3	9081.8	9076.2	9081.8	8895.3	8619.9	8239.3	7801.7	7330.4	6850.5
17.5°	9570.0	9925.3	10165.7	10200.5	10165.7	9925.3	9570.0	9067.3	8543.8	7996.6	7417.7
15°	10588.5	11046.6	11357.6	11454.0	11357.6	11046.6	10588.5	9997.6	9330.4	8675.3	7986.8
12.5°	11632.3	12177.2	12591.8	12729.7	12591.8	12177.2	11632.3	10931.7	10112.1	9349.1	8553.9
10°	12626.9	13230.4	13680.4	13879.6	13680.4	13230.4	12626.9	11795.7	10912.7	10009.2	9060.3
7.5°	13458.2	14071.4	14535.0	14699.0	14535.0	14071.4	13458.2	12621.3	11570.2	10564.8	9538.0
5°	14006.0	14675.9	15036.3	15239.0	15036.3	14675.9	14006.0	13129.0	12089.6	10988.0	9886.7
2.5°	14371.9	14940.0	15305.0	15491.6	15305.0	14940.0	14371.9	13508.5	12483.6	11281.6	10118.4
0°	14566.3	15144.8	15412.5	15503.3	15412.5	15144.8	14566.3	13702.7	12650.5	11401.6	10266.8
-2.5°	14371.9	14940.0	15305.0	15491.6	15305.0	14940.0	14371.9	13508.5	12483.6	11281.6	10118.4
-5°	14006.0	14675.9	15036.3	15239.0	15036.3	14675.9	14006.0	13129.0	12089.6	10988.0	9886.7
-7.5°	13458.2	14071.4	14535.0	14699.0	14535.0	14071.4	13458.2	12621.3	11570.2	10564.8	9538.0
-10°	12626.9	13230.4	13680.4	13879.6	13680.4	13230.4	12626.9	11795.7	10912.7	10009.2	9060.3
-12.5°	11632.3	12177.2	12591.8	12729.7	12591.8	12177.2	11632.3	10931.7	10112.1	9349.1	8553.9
-15°	10588.5	11046.6	11357.6	11454.0	11357.6	11046.6	10588.5	9997.6	9330.4	8675.3	7986.8
-17.5°	9570.0	9925.3	10165.7	10200.5	10165.7	9925.3	9570.0	9067.3	8543.8	7996.6	7417.7
-20°	8619.9	8895.3	9081.8	9076.2	9081.8	8895.3	8619.9	8239.3	7801.7	7330.4	6850.5



REPORT NUMBER: P558741 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-940-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°	7768.4	7990.7	8136.7	8197.4	8136.7	7990.7	7768.4	7468.8	7105.4	6714.2	6298.3
-25°	6985.6	7165.0	7271.6	7336.1	7271.6	7165.0	6985.6	6735.2	6434.8	6114.2	5756.9
-27.5°	6259.6	6403.6	6486.6	6551.6	6486.6	6403.6	6259.6	6050.9	5792.7	5518.7	5199.7
-30°	5579.1	5707.3	5786.9	5789.3	5786.9	5707.3	5579.1	5400.1	5181.7	4921.5	4632.1
-32.5°	4890.7	5008.0	5075.7	5060.7	5075.7	5008.0	4890.7	4728.6	4529.6	4273.9	3949.7
-35°	4153.8	4256.7	4317.7	4363.5	4317.7	4256.7	4153.8	3998.8	3784.1	3498.9	3143.4
-37.5°	3333.4	3458.3	3525.7	3533.6	3525.7	3458.3	3333.4	3145.6	2888.6	2580.7	2220.9
-40°	2321.9	2457.6	2537.5	2565.3	2537.5	2457.6	2321.9	2128.5	1874.8	1578.7	1318.4
-42.5°	1292.3	1373.9	1409.2	1388.5	1409.2	1373.9	1292.3	1174.2	1026.9	850.5	713.4
-45°	661.4	680.1	697.1	715.8	697.1	680.1	661.4	634.2	604.4	565.4	518.9
-47.5°	502.0	509.9	520.4	534.2	520.4	509.9	502.0	491.3	480.7	469.9	456.5
-50°	441.7	449.6	460.5	473.7	460.5	449.6	441.7	432.2	423.9	420.0	416.5
-52.5°	389.5	394.8	403.4	414.4	403.4	394.8	389.5	382.4	375.0	373.0	368.9
-55°	348.7	355.1	361.1	366.6	361.1	355.1	348.7	341.6	334.0	332.5	328.4
-57.5°	316.2	321.6	326.1	329.4	326.1	321.6	316.2	310.2	303.7	299.4	293.9
-60°	281.0	284.2	288.8	293.3	288.8	284.2	281.0	276.9	272.1	267.1	261.7
-62.5°	243.3	247.2	250.0	251.4	250.0	247.2	243.3	238.5	232.8	227.8	223.8
-65°	186.5	186.4	187.1	187.4	187.1	186.4	186.5	185.6	183.7	182.2	180.3
-67.5°	152.5	153.7	155.5	157.1	155.5	153.7	152.5	150.8	148.9	147.2	145.6
-70°	122.7	122.9	118.6	112.9	118.6	122.9	122.7	122.6	123.1	123.7	122.8
-72.5°	78.7	69.1	64.7	60.5	64.7	69.1	78.7	88.1	97.2	103.7	103.2
-75°	58.2	48.1	47.6	47.7	47.6	48.1	58.2	68.1	77.6	85.1	84.9
-77.5°	44.0	35.2	34.9	34.9	34.9	35.2	44.0	52.3	60.2	66.3	65.9
-80°	29.8	25.6	26.2	26.8	26.2	25.6	29.8	33.9	37.8	41.4	42.8
-82.5°	20.1	17.4	17.5	17.5	17.5	17.4	20.1	22.7	25.1	27.2	26.5
-85°	7.8	7.0	7.0	7.0	7.0	7.0	7.8	8.5	9.3	9.9	9.5
-87.5°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.7	2.0	2.2	2.2
-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: P558741 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-940-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°	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.6
85°	9.0	8.5	8.0	8.9	9.6	10.1	10.4	9.3	8.2	7.1	6.2
82.5°	25.6	24.6	23.6	23.7	23.8	23.8	23.5	20.6	17.9	15.3	13.3
80°	43.8	44.4	44.4	43.5	42.5	41.5	39.6	34.4	29.7	25.5	22.7
77.5°	65.5	65.2	64.6	63.1	61.6	60.1	57.1	49.5	42.1	35.4	31.8
75°	84.4	83.7	82.4	80.2	77.9	75.3	70.9	63.3	55.3	47.0	42.7
72.5°	102.4	101.3	99.6	96.8	93.9	90.8	86.5	79.9	71.7	61.9	57.0
70°	121.5	120.0	117.7	114.4	110.8	107.1	103.7	98.9	92.3	83.8	79.0
67.5°	143.5	140.9	138.4	134.9	131.5	127.0	124.0	120.0	114.9	107.8	102.4
65°	176.5	170.6	167.0	166.5	163.2	156.7	149.5	144.9	140.0	133.3	125.8
62.5°	220.3	217.7	211.1	203.8	198.3	193.6	184.9	175.3	166.9	159.3	150.4
60°	255.8	249.8	244.3	237.6	229.9	222.5	215.3	205.8	194.1	184.6	174.9
57.5°	286.7	280.9	277.2	270.9	261.8	254.2	246.3	236.7	225.2	211.5	199.3
55°	321.5	317.1	313.1	307.2	299.1	288.7	278.5	268.3	255.4	238.8	223.8
52.5°	362.9	357.4	351.5	345.2	335.7	323.0	310.9	298.8	283.8	265.8	247.6
50°	411.0	400.0	390.3	381.9	369.5	355.3	340.9	327.2	309.5	291.0	272.0
47.5°	447.3	437.8	426.8	414.7	400.7	385.5	369.4	352.2	333.7	314.4	294.4
45°	501.6	481.2	459.7	446.2	430.4	414.0	396.9	377.3	357.1	336.5	315.5
42.5°	642.6	566.2	516.7	488.2	461.9	443.4	422.7	401.6	380.0	358.0	335.8
40°	1053.7	756.7	657.4	560.7	509.7	476.5	449.6	424.9	402.0	378.8	355.3
37.5°	1807.7	1386.7	1044.0	734.2	618.8	521.5	481.0	449.1	423.1	398.8	374.1
35°	2754.9	2269.7	1707.7	1249.9	829.4	647.7	522.7	477.8	444.6	418.3	392.2
32.5°	3577.6	3105.1	2562.2	1932.5	1354.1	874.0	645.3	516.1	468.2	437.5	409.8
30°	4277.4	3840.8	3322.5	2695.3	2002.5	1350.6	824.9	614.0	503.5	455.8	426.6
27.5°	4848.4	4456.6	3971.3	3400.9	2694.3	1928.0	1251.6	735.8	556.6	483.2	442.5
25°	5372.7	4959.6	4504.2	3971.9	3328.8	2555.8	1718.5	1056.7	660.9	512.6	457.3
22.5°	5870.7	5431.9	4964.2	4448.2	3853.0	3114.3	2279.2	1413.7	766.2	565.7	480.3
20°	6352.1	5868.5	5381.1	4845.1	4250.7	3606.5	2786.9	1841.6	1066.7	646.4	502.2
17.5°	6845.2	6291.8	5739.8	5194.2	4591.7	3945.0	3182.5	2271.9	1327.9	719.1	521.2
15°	7312.4	6694.1	6085.1	5485.2	4882.8	4227.4	3512.8	2655.1	1587.3	866.0	574.9
12.5°	7785.3	7065.6	6404.4	5731.9	5127.4	4463.0	3747.0	2916.7	1891.5	1046.0	628.3
10°	8213.6	7406.4	6673.3	5961.6	5309.8	4651.0	3935.3	3126.9	2141.8	1193.9	672.1
7.5°	8580.8	7702.8	6897.1	6148.9	5456.4	4807.9	4096.9	3294.6	2330.2	1308.2	706.3
5°	8863.9	7919.4	7069.1	6302.5	5570.3	4914.8	4215.1	3416.7	2457.2	1388.5	730.9
2.5°	9034.2	8050.6	7170.0	6397.8	5641.1	4975.7	4277.7	3494.9	2538.0	1440.3	749.0
0°	9107.6	8090.3	7244.2	6462.0	5668.2	5001.3	4276.2	3524.3	2567.6	1459.5	757.7
-2.5°	9034.2	8050.6	7170.0	6397.8	5641.1	4975.7	4277.7	3494.9	2538.0	1440.3	749.0
-5°	8863.9	7919.4	7069.1	6302.5	5570.3	4914.8	4215.1	3416.7	2457.2	1388.5	730.9
-7.5°	8580.8	7702.8	6897.1	6148.9	5456.4	4807.9	4096.9	3294.6	2330.2	1308.2	706.3
-10°	8213.6	7406.4	6673.3	5961.6	5309.8	4651.0	3935.3	3126.9	2141.8	1193.9	672.1
-12.5°	7785.3	7065.6	6404.4	5731.9	5127.4	4463.0	3747.0	2916.7	1891.5	1046.0	628.3
-15°	7312.4	6694.1	6085.1	5485.2	4882.8	4227.4	3512.8	2655.1	1587.3	866.0	574.9
-17.5°	6845.2	6291.8	5739.8	5194.2	4591.7	3945.0	3182.5	2271.9	1327.9	719.1	521.2
-20°	6352.1	5868.5	5381.1	4845.1	4250.7	3606.5	2786.9	1841.6	1066.7	646.4	502.2



REPORT NUMBER: P558741 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-940-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5870.7	5431.9	4964.2	4448.2	3853.0	3114.3	2279.2	1413.7	766.2	565.7	480.3
-25°	5372.7	4959.6	4504.2	3971.9	3328.8	2555.8	1718.5	1056.7	660.9	512.6	457.3
-27.5°	4848.4	4456.6	3971.3	3400.9	2694.3	1928.0	1251.6	735.8	556.6	483.2	442.5
-30°	4277.4	3840.8	3322.5	2695.3	2002.5	1350.6	824.9	614.0	503.5	455.8	426.6
-32.5°	3577.6	3105.1	2562.2	1932.5	1354.1	874.0	645.3	516.1	468.2	437.5	409.8
-35°	2754.9	2269.7	1707.7	1249.9	829.4	647.7	522.7	477.8	444.6	418.3	392.2
-37.5°	1807.7	1386.7	1044.0	734.2	618.8	521.5	481.0	449.1	423.1	398.8	374.1
-40°	1053.7	756.7	657.4	560.7	509.7	476.5	449.6	424.9	402.0	378.8	355.3
-42.5°	642.6	566.2	516.7	488.2	461.9	443.4	422.7	401.6	380.0	358.0	335.8
-45°	501.6	481.2	459.7	446.2	430.4	414.0	396.9	377.3	357.1	336.5	315.5
-47.5°	447.3	437.8	426.8	414.7	400.7	385.5	369.4	352.2	333.7	314.4	294.4
-50°	411.0	400.0	390.3	381.9	369.5	355.3	340.9	327.2	309.5	291.0	272.0
-52.5°	362.9	357.4	351.5	345.2	335.7	323.0	310.9	298.8	283.8	265.8	247.6
-55°	321.5	317.1	313.1	307.2	299.1	288.7	278.5	268.3	255.4	238.8	223.8
-57.5°	286.7	280.9	277.2	270.9	261.8	254.2	246.3	236.7	225.2	211.5	199.3
-60°	255.8	249.8	244.3	237.6	229.9	222.5	215.3	205.8	194.1	184.6	174.9
-62.5°	220.3	217.7	211.1	203.8	198.3	193.6	184.9	175.3	166.9	159.3	150.4
-65°	176.5	170.6	167.0	166.5	163.2	156.7	149.5	144.9	140.0	133.3	125.8
-67.5°	143.5	140.9	138.4	134.9	131.5	127.0	124.0	120.0	114.9	107.8	102.4
-70°	121.5	120.0	117.7	114.4	110.8	107.1	103.7	98.9	92.3	83.8	79.0
-72.5°	102.4	101.3	99.6	96.8	93.9	90.8	86.5	79.9	71.7	61.9	57.0
-75°	84.4	83.7	82.4	80.2	77.9	75.3	70.9	63.3	55.3	47.0	42.7
-77.5°	65.5	65.2	64.6	63.1	61.6	60.1	57.1	49.5	42.1	35.4	31.8
-80°	43.8	44.4	44.4	43.5	42.5	41.5	39.6	34.4	29.7	25.5	22.7
-82.5°	25.6	24.6	23.6	23.7	23.8	23.8	23.5	20.6	17.9	15.3	13.3
-85°	9.0	8.5	8.0	8.9	9.6	10.1	10.4	9.3	8.2	7.1	6.2
-87.5°	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.6
-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: P558741 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-940-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°	2.0	2.3	2.5	2.7	2.8	2.9	3.0	3.0	2.8	2.6	2.4
85°	6.6	6.8	6.9	6.8	6.3	5.9	5.9	5.9	5.6	5.2	4.7
82.5°	13.9	14.4	14.7	14.7	13.8	12.8	11.8	10.8	9.6	8.0	7.1
80°	24.0	24.8	25.0	24.4	22.0	19.8	18.2	16.7	15.5	13.8	11.5
77.5°	34.2	35.7	36.4	35.6	32.4	29.2	26.1	23.2	21.5	19.6	17.0
75°	44.8	47.1	48.5	47.6	43.7	38.6	34.6	31.3	28.8	25.6	22.6
72.5°	58.1	59.2	60.5	60.3	56.7	51.7	45.2	39.4	36.6	33.0	28.5
70°	75.9	72.5	71.7	71.3	69.2	65.3	58.7	51.0	44.6	40.5	35.4
67.5°	97.6	93.1	88.3	83.3	80.8	77.3	72.1	63.0	54.6	48.0	42.3
65°	119.2	113.0	107.3	100.0	94.0	89.4	84.0	74.4	64.3	55.9	49.3
62.5°	141.2	132.2	124.4	116.0	108.0	101.5	95.8	84.9	73.5	63.4	55.6
60°	164.3	153.4	141.6	131.4	121.8	113.1	105.5	95.2	82.9	70.5	61.3
57.5°	187.6	175.0	160.6	147.2	135.7	125.1	114.7	104.2	92.2	78.5	66.3
55°	210.7	196.8	179.5	163.6	149.6	137.4	124.4	112.6	100.9	86.6	70.0
52.5°	231.2	216.7	199.5	180.3	163.6	149.3	134.8	120.7	108.3	94.5	75.1
50°	252.2	234.2	217.8	198.7	177.5	160.9	145.0	129.8	115.5	101.8	79.7
47.5°	274.1	253.0	233.8	216.0	194.3	172.2	155.2	138.6	122.6	108.1	83.9
45°	294.2	272.4	250.4	230.5	209.9	185.3	165.2	147.1	130.1	111.3	87.4
42.5°	313.2	290.5	267.4	244.5	223.0	198.3	174.8	155.7	137.4	113.8	89.9
40°	331.5	307.6	283.5	259.6	236.1	210.1	185.3	164.1	143.9	116.0	91.5
37.5°	348.9	323.8	298.6	274.0	249.4	222.3	195.1	172.1	147.1	118.4	92.7
35°	365.7	339.2	313.6	287.8	262.0	234.6	203.8	179.8	151.8	120.4	93.3
32.5°	381.8	354.2	327.8	301.1	273.9	247.1	213.5	186.9	157.5	122.0	93.5
30°	397.3	368.8	341.2	313.8	285.2	257.5	224.6	193.8	164.1	123.2	93.5
27.5°	412.2	382.4	353.7	325.5	296.2	267.0	235.3	200.6	171.6	125.6	94.1
25°	425.8	395.0	365.2	336.2	306.5	276.2	245.2	207.2	177.9	130.7	94.4
22.5°	438.5	406.4	375.7	345.9	316.5	285.1	253.6	215.4	183.0	135.9	94.2
20°	450.0	416.6	385.5	356.2	325.7	293.5	260.7	222.9	187.8	141.3	93.7
17.5°	461.6	427.3	396.7	366.0	334.1	301.2	267.3	229.5	192.3	146.6	92.9
15°	479.8	438.8	407.0	375.2	341.9	308.0	273.4	235.3	196.3	151.7	92.6
12.5°	496.1	449.1	416.2	383.7	349.1	314.1	278.9	240.3	199.9	155.2	93.0
10°	509.9	458.1	424.3	391.4	355.5	319.3	283.7	244.6	202.9	156.6	92.7
7.5°	521.1	465.9	431.4	398.3	361.4	324.2	288.2	248.2	205.9	156.7	92.0
5°	530.8	474.3	440.2	405.7	368.3	329.2	291.9	250.9	208.5	155.6	90.8
2.5°	541.9	484.6	449.9	412.4	374.4	333.2	294.8	252.7	210.6	153.4	89.2
0°	550.5	493.5	458.6	417.8	379.4	336.4	296.8	253.7	211.8	150.1	87.3
-2.5°	541.9	484.6	449.9	412.4	374.4	333.2	294.8	252.7	210.6	153.4	89.2
-5°	530.8	474.3	440.2	405.7	368.3	329.2	291.9	250.9	208.5	155.6	90.8
-7.5°	521.1	465.9	431.4	398.3	361.4	324.2	288.2	248.2	205.9	156.7	92.0
-10°	509.9	458.1	424.3	391.4	355.5	319.3	283.7	244.6	202.9	156.6	92.7
-12.5°	496.1	449.1	416.2	383.7	349.1	314.1	278.9	240.3	199.9	155.2	93.0
-15°	479.8	438.8	407.0	375.2	341.9	308.0	273.4	235.3	196.3	151.7	92.6
-17.5°	461.6	427.3	396.7	366.0	334.1	301.2	267.3	229.5	192.3	146.6	92.9
-20°	450.0	416.6	385.5	356.2	325.7	293.5	260.7	222.9	187.8	141.3	93.7



REPORT NUMBER: P558741 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-940-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°	438.5	406.4	375.7	345.9	316.5	285.1	253.6	215.4	183.0	135.9	94.2
-25°	425.8	395.0	365.2	336.2	306.5	276.2	245.2	207.2	177.9	130.7	94.4
-27.5°	412.2	382.4	353.7	325.5	296.2	267.0	235.3	200.6	171.6	125.6	94.1
-30°	397.3	368.8	341.2	313.8	285.2	257.5	224.6	193.8	164.1	123.2	93.5
-32.5°	381.8	354.2	327.8	301.1	273.9	247.1	213.5	186.9	157.5	122.0	93.5
-35°	365.7	339.2	313.6	287.8	262.0	234.6	203.8	179.8	151.8	120.4	93.3
-37.5°	348.9	323.8	298.6	274.0	249.4	222.3	195.1	172.1	147.1	118.4	92.7
-40°	331.5	307.6	283.5	259.6	236.1	210.1	185.3	164.1	143.9	116.0	91.5
-42.5°	313.2	290.5	267.4	244.5	223.0	198.3	174.8	155.7	137.4	113.8	89.9
-45°	294.2	272.4	250.4	230.5	209.9	185.3	165.2	147.1	130.1	111.3	87.4
-47.5°	274.1	253.0	233.8	216.0	194.3	172.2	155.2	138.6	122.6	108.1	83.9
-50°	252.2	234.2	217.8	198.7	177.5	160.9	145.0	129.8	115.5	101.8	79.7
-52.5°	231.2	216.7	199.5	180.3	163.6	149.3	134.8	120.7	108.3	94.5	75.1
-55°	210.7	196.8	179.5	163.6	149.6	137.4	124.4	112.6	100.9	86.6	70.0
-57.5°	187.6	175.0	160.6	147.2	135.7	125.1	114.7	104.2	92.2	78.5	66.3
-60°	164.3	153.4	141.6	131.4	121.8	113.1	105.5	95.2	82.9	70.5	61.3
-62.5°	141.2	132.2	124.4	116.0	108.0	101.5	95.8	84.9	73.5	63.4	55.6
-65°	119.2	113.0	107.3	100.0	94.0	89.4	84.0	74.4	64.3	55.9	49.3
-67.5°	97.6	93.1	88.3	83.3	80.8	77.3	72.1	63.0	54.6	48.0	42.3
-70°	75.9	72.5	71.7	71.3	69.2	65.3	58.7	51.0	44.6	40.5	35.4
-72.5°	58.1	59.2	60.5	60.3	56.7	51.7	45.2	39.4	36.6	33.0	28.5
-75°	44.8	47.1	48.5	47.6	43.7	38.6	34.6	31.3	28.8	25.6	22.6
-77.5°	34.2	35.7	36.4	35.6	32.4	29.2	26.1	23.2	21.5	19.6	17.0
-80°	24.0	24.8	25.0	24.4	22.0	19.8	18.2	16.7	15.5	13.8	11.5
-82.5°	13.9	14.4	14.7	14.7	13.8	12.8	11.8	10.8	9.6	8.0	7.1
-85°	6.6	6.8	6.9	6.8	6.3	5.9	5.9	5.9	5.6	5.2	4.7
-87.5°	2.0	2.3	2.5	2.7	2.8	2.9	3.0	3.0	2.8	2.6	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: P558741 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-940-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°	2.1	1.6	1.2	0.8	0.5	0.3	0.0
85°	4.2	3.2	2.4	1.7	1.0	0.5	0.0
82.5°	6.3	4.9	3.6	2.5	1.5	0.8	0.0
80°	8.6	6.4	4.8	3.3	2.0	1.0	0.0
77.5°	13.6	8.8	5.9	4.1	2.5	1.3	0.0
75°	18.5	12.6	7.4	4.9	3.0	1.5	0.0
72.5°	23.2	16.3	10.1	5.7	3.5	1.7	0.0
70°	27.9	19.9	12.8	6.6	4.0	2.0	0.0
67.5°	33.5	23.4	15.4	8.4	4.4	2.2	0.0
65°	38.8	27.1	17.9	10.2	4.9	2.5	0.0
62.5°	43.8	31.0	20.3	11.9	5.4	2.7	0.0
60°	48.7	34.8	22.7	13.5	5.8	2.9	0.0
57.5°	51.9	38.3	25.3	15.1	6.8	3.1	0.0
55°	54.7	41.7	27.8	16.6	7.8	3.3	0.0
52.5°	57.1	44.6	30.2	18.0	8.8	3.5	0.0
50°	59.0	46.0	32.4	19.3	9.7	3.7	0.0
47.5°	60.8	47.1	34.4	20.6	10.6	3.9	0.0
45°	63.7	48.0	36.3	22.0	11.4	4.1	0.0
42.5°	66.2	48.5	38.0	23.3	12.2	4.3	0.0
40°	68.3	48.8	38.9	24.6	13.0	4.4	0.0
37.5°	69.8	48.8	39.0	26.0	13.7	4.6	0.0
35°	71.0	49.4	38.9	27.3	14.4	4.8	0.0
32.5°	71.5	50.2	38.7	28.7	15.0	4.9	0.0
30°	71.5	50.6	38.3	29.9	15.6	5.0	0.0
27.5°	71.1	50.7	38.7	31.1	16.1	5.1	0.0
25°	70.3	50.6	39.2	32.3	16.6	5.3	0.0
22.5°	69.2	50.7	39.5	33.4	17.0	5.4	0.0
20°	67.7	52.0	39.8	34.4	17.4	5.5	0.0
17.5°	67.8	53.2	40.1	35.4	17.7	5.5	0.0
15°	68.8	54.2	40.3	36.3	18.0	5.6	0.0
12.5°	69.6	55.0	40.4	37.1	18.2	5.7	0.0
10°	70.3	55.7	40.6	37.8	18.4	5.7	0.0
7.5°	70.7	56.3	40.6	38.4	18.5	5.8	0.0
5°	71.0	56.7	40.7	38.9	18.6	5.8	0.0
2.5°	71.1	56.9	40.7	39.3	18.6	5.8	0.0
0°	71.0	57.0	40.7	39.6	18.6	5.8	0.0
-2.5°	71.1	56.9	40.7	39.3	18.6	5.8	0.0
-5°	71.0	56.7	40.7	38.9	18.6	5.8	0.0
-7.5°	70.7	56.3	40.6	38.4	18.5	5.8	0.0
-10°	70.3	55.7	40.6	37.8	18.4	5.7	0.0
-12.5°	69.6	55.0	40.4	37.1	18.2	5.7	0.0
-15°	68.8	54.2	40.3	36.3	18.0	5.6	0.0
-17.5°	67.8	53.2	40.1	35.4	17.7	5.5	0.0
-20°	67.7	52.0	39.8	34.4	17.4	5.5	0.0



REPORT NUMBER: P558741 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-940-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	69.2	50.7	39.5	33.4	17.0	5.4	0.0
-25°	70.3	50.6	39.2	32.3	16.6	5.3	0.0
-27.5°	71.1	50.7	38.7	31.1	16.1	5.1	0.0
-30°	71.5	50.6	38.3	29.9	15.6	5.0	0.0
-32.5°	71.5	50.2	38.7	28.7	15.0	4.9	0.0
-35°	71.0	49.4	38.9	27.3	14.4	4.8	0.0
-37.5°	69.8	48.8	39.0	26.0	13.7	4.6	0.0
-40°	68.3	48.8	38.9	24.6	13.0	4.4	0.0
-42.5°	66.2	48.5	38.0	23.3	12.2	4.3	0.0
-45°	63.7	48.0	36.3	22.0	11.4	4.1	0.0
-47.5°	60.8	47.1	34.4	20.6	10.6	3.9	0.0
-50°	59.0	46.0	32.4	19.3	9.7	3.7	0.0
-52.5°	57.1	44.6	30.2	18.0	8.8	3.5	0.0
-55°	54.7	41.7	27.8	16.6	7.8	3.3	0.0
-57.5°	51.9	38.3	25.3	15.1	6.8	3.1	0.0
-60°	48.7	34.8	22.7	13.5	5.8	2.9	0.0
-62.5°	43.8	31.0	20.3	11.9	5.4	2.7	0.0
-65°	38.8	27.1	17.9	10.2	4.9	2.5	0.0
-67.5°	33.5	23.4	15.4	8.4	4.4	2.2	0.0
-70°	27.9	19.9	12.8	6.6	4.0	2.0	0.0
-72.5°	23.2	16.3	10.1	5.7	3.5	1.7	0.0
-75°	18.5	12.6	7.4	4.9	3.0	1.5	0.0
-77.5°	13.6	8.8	5.9	4.1	2.5	1.3	0.0
-80°	8.6	6.4	4.8	3.3	2.0	1.0	0.0
-82.5°	6.3	4.9	3.6	2.5	1.5	0.8	0.0
-85°	4.2	3.2	2.4	1.7	1.0	0.5	0.0
-87.5°	2.1	1.6	1.2	0.8	0.5	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)