

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: P559251 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559251 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-6)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA6E-935-U-WR-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, WIDE SYMMETRICAL ROUND N6
Light Source: (96) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

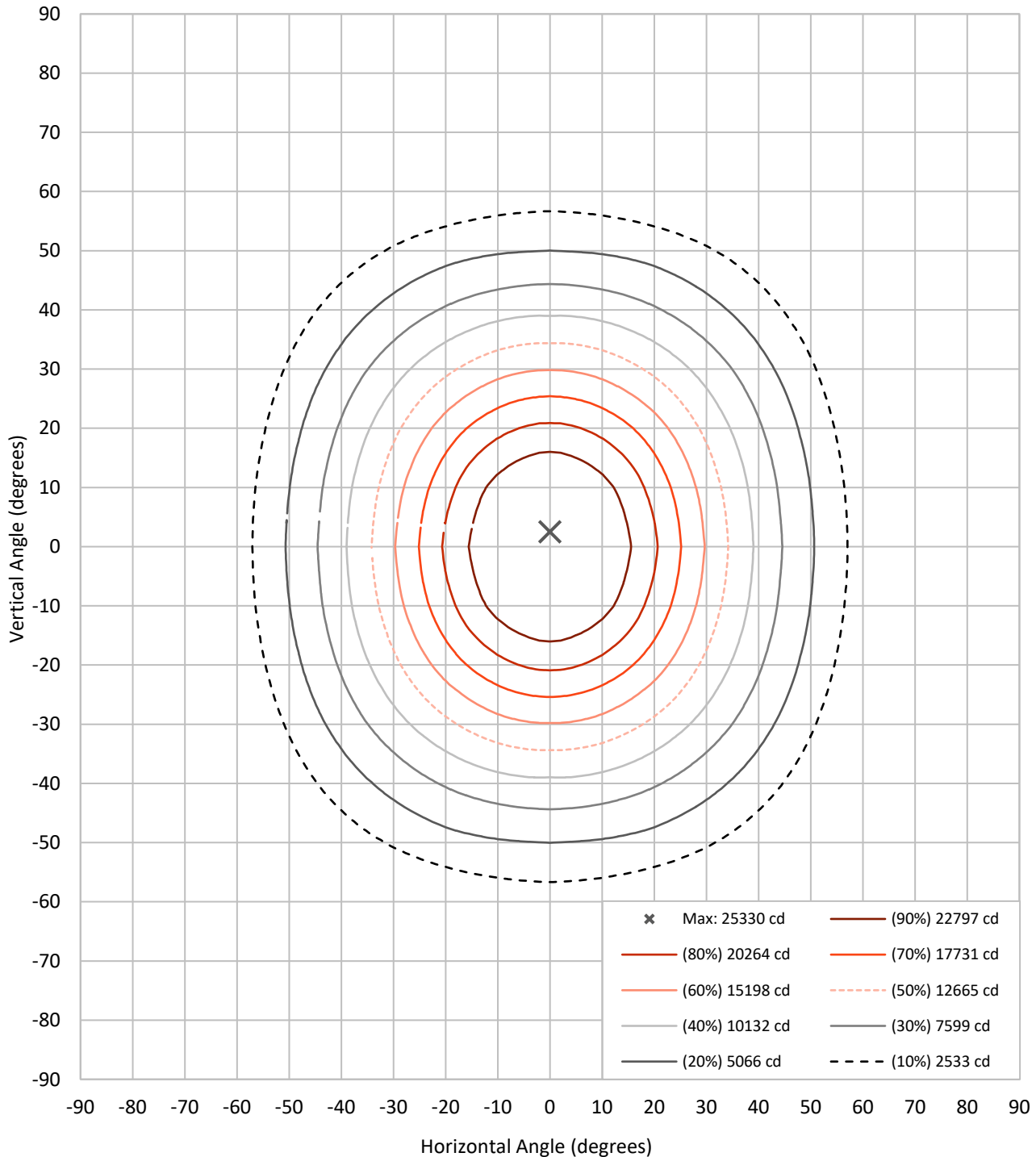
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	34281.9 lumens	Max Intensity:	25330 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	93.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	20554.4 lumens	Field Lumens:	32748.3 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

Input Watts (W): 368
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P559251 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6E-935-U-WR-XX

Iso-Candela Plot





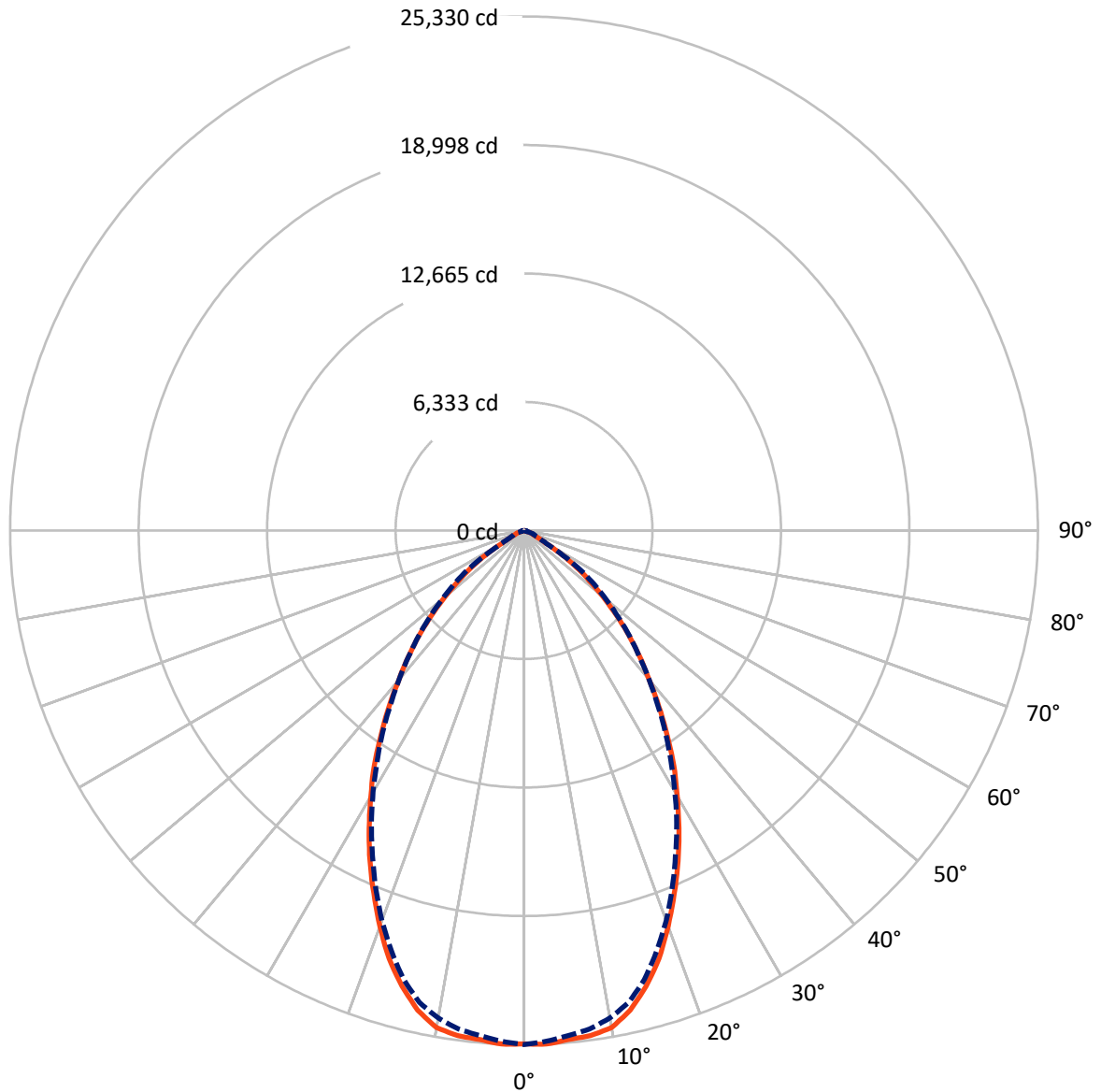
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Lumen Table

90																
80	0.3	3.3		8.2		14.3		10.1		14.3		8.2		3.3		0.3
70																
60	1.6	2.4	4.6	7.3	10.6	13.8	17.0	19.1	19.1	17.0	13.8	10.6	7.3	4.6	2.4	1.6
50		3.7	7.7	13.8	26.6	51.5	77.3	92.5	92.5	77.3	51.5	26.6	13.8	7.7	3.7	
40	2.7	5.0	11.3	32.8	86.4	143.7	191.1	217.9	217.9	191.1	143.7	86.4	32.8	11.3	5.0	2.7
30		6.1	19.3	75.7	155.2	242.2	321.0	368.1	368.1	321.0	242.2	155.2	75.7	19.3	6.1	
20	2.9	7.3	35.1	114.5	220.1	344.5	460.4	533.3	533.3	460.4	344.5	220.1	114.5	35.1	7.3	2.9
10		8.7	50.1	142.5	271.3	430.4	586.2	684.8	684.8	586.2	430.4	271.3	142.5	50.1	8.7	
0	3.1	9.4	58.5	157.5	300.1	480.9	658.5	752.7	752.7	658.5	480.9	300.1	157.5	58.5	9.4	3.1
-10		9.4	58.5	157.5	300.1	480.9	658.5	752.7	752.7	658.5	480.9	300.1	157.5	58.5	9.4	
-20	2.9	8.7	50.1	142.5	271.3	430.4	586.2	684.8	684.8	586.2	430.4	271.3	142.5	50.1	8.7	2.9
-30		7.3	35.1	114.5	220.1	344.5	460.4	533.3	533.3	460.4	344.5	220.1	114.5	35.1	7.3	
-40	2.7	6.1	19.3	75.7	155.2	242.2	321.0	368.1	368.1	321.0	242.2	155.2	75.7	19.3	6.1	2.7
-50		5.0	11.3	32.8	86.4	143.7	191.1	217.9	217.9	191.1	143.7	86.4	32.8	11.3	5.0	
-60	1.6	3.7	7.7	13.8	26.6	51.5	77.3	92.5	92.5	77.3	51.5	26.6	13.8	7.7	3.7	1.6
-70		2.4	4.6	7.3	10.6	13.8	17.0	19.1	19.1	17.0	13.8	10.6	7.3	4.6	2.4	
-80																
-90	0.3	3.3		8.2		14.3		10.1		14.3		8.2		3.3		0.3

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

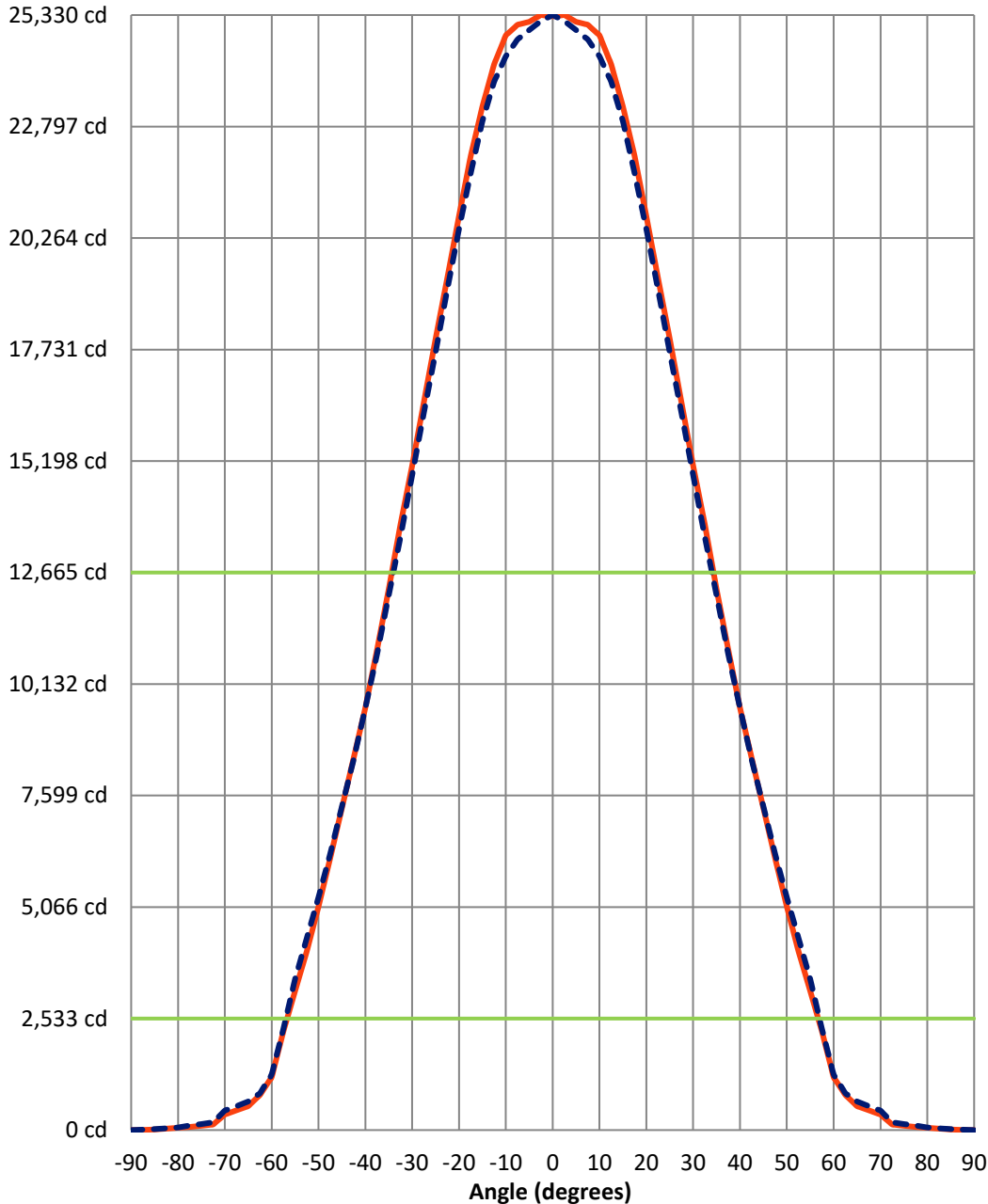
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 2.5-Deg

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

Luminous Intensity Plot



Beam:
H Angle: 68°
V Angle: 68.7°
Lumens: 20554.4
Efficiency: 60.0%

Field:
H Angle: 114°
V Angle: 113.4°
Lumens: 32748.3
Efficiency: 95.5%

Spill:
Lumens: 1533.5
Efficiency: 4.5%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 2.5-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	0.9	1.3	1.7	2.1	2.5	2.9	3.4	3.7	4.1
85°	0.0	0.9	1.7	2.6	3.4	4.2	5.1	5.9	6.7	7.5	8.3
82.5°	0.0	1.3	2.6	3.8	5.1	6.3	7.6	8.8	10.5	14.4	18.4
80°	0.0	1.7	3.4	5.1	6.8	8.4	10.7	15.7	21.0	26.4	31.9
77.5°	0.0	2.1	4.2	6.3	8.4	11.6	18.0	24.6	31.3	38.2	47.6
75°	0.0	2.5	5.1	7.6	10.4	16.8	25.1	33.3	42.2	56.4	70.4
72.5°	0.0	2.9	5.9	8.8	13.8	21.8	32.0	43.8	60.4	76.8	93.0
70°	0.0	3.4	6.7	10.2	17.1	26.6	39.3	59.6	78.4	97.1	123.7
67.5°	0.0	3.7	7.5	12.1	20.2	31.2	51.3	75.1	96.2	124.1	155.5
65°	0.0	4.1	8.3	14.0	23.2	37.3	62.5	90.3	117.9	150.1	185.7
62.5°	0.0	4.5	9.0	15.8	26.0	44.6	72.9	106.8	138.8	175.6	214.5
60°	0.0	4.9	9.8	17.5	28.7	51.4	82.5	123.2	158.6	203.1	243.6
57.5°	0.0	5.3	10.8	19.0	32.7	57.5	92.1	138.0	182.8	230.6	267.8
55°	0.0	5.6	11.7	20.5	36.3	62.9	100.6	149.4	208.1	256.5	289.7
52.5°	0.0	6.0	12.6	21.8	39.5	67.7	108.0	166.4	233.3	276.7	311.7
50°	0.0	6.3	13.5	23.0	42.3	72.2	114.1	182.2	256.3	296.8	334.7
47.5°	0.0	6.6	14.4	24.1	44.6	75.8	119.9	196.0	274.2	316.7	356.6
45°	0.0	6.9	15.2	25.4	46.4	78.5	129.5	207.6	282.0	334.8	376.9
42.5°	0.0	7.2	16.0	26.4	47.7	80.3	137.6	214.1	287.0	351.6	399.4
40°	0.0	7.5	16.7	27.6	48.5	81.2	144.1	216.6	290.1	365.7	421.7
37.5°	0.0	7.8	17.4	29.0	48.9	81.2	148.9	217.3	293.2	371.8	443.2
35°	0.0	8.0	18.1	30.2	48.8	83.1	152.1	216.2	296.2	385.5	464.5
32.5°	0.0	8.3	18.7	31.4	48.1	85.3	152.8	213.3	299.2	402.8	485.8
30°	0.0	8.5	19.3	32.5	46.9	86.4	149.9	210.2	302.1	423.5	506.0
27.5°	0.0	8.7	19.9	33.5	48.1	86.4	145.8	210.8	309.5	447.2	524.9
25°	0.0	8.9	20.4	34.5	49.5	85.4	140.5	210.9	325.5	466.0	542.8
22.5°	0.0	9.1	20.8	35.4	50.9	85.4	134.1	210.4	342.5	480.3	565.7
20°	0.0	9.2	21.2	36.1	52.2	89.4	126.7	209.2	360.0	493.3	586.0
17.5°	0.0	9.3	21.6	36.8	53.4	92.9	125.4	207.3	377.5	504.9	603.8
15°	0.0	9.5	21.9	37.4	54.5	95.9	127.9	206.2	394.6	515.2	619.0
12.5°	0.0	9.6	22.2	37.9	55.5	98.5	130.2	204.9	409.8	524.0	631.7
10°	0.0	9.7	22.4	38.4	56.3	100.6	132.2	200.8	422.3	530.8	641.2
7.5°	0.0	9.7	22.6	38.7	57.1	102.2	133.8	194.4	432.3	536.3	646.7
5°	0.0	9.8	22.7	38.9	57.7	103.3	135.2	186.2	439.4	540.3	649.6
2.5°	0.0	9.8	22.8	39.1	58.2	104.0	136.2	176.6	443.1	542.9	649.9
0°	0.0	9.8	22.8	39.1	58.6	104.2	136.8	166.1	442.8	543.8	648.0
-2.5°	0.0	9.8	22.8	39.1	58.2	104.0	136.2	176.6	443.1	542.9	649.9
-5°	0.0	9.8	22.7	38.9	57.7	103.3	135.2	186.2	439.4	540.3	649.6
-7.5°	0.0	9.7	22.6	38.7	57.1	102.2	133.8	194.4	432.3	536.3	646.7
-10°	0.0	9.7	22.4	38.4	56.3	100.6	132.2	200.8	422.3	530.8	641.2
-12.5°	0.0	9.6	22.2	37.9	55.5	98.5	130.2	204.9	409.8	524.0	631.7
-15°	0.0	9.5	21.9	37.4	54.5	95.9	127.9	206.2	394.6	515.2	619.0
-17.5°	0.0	9.3	21.6	36.8	53.4	92.9	125.4	207.3	377.5	504.9	603.8
-20°	0.0	9.2	21.2	36.1	52.2	89.4	126.7	209.2	360.0	493.3	586.0



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

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	9.1	20.8	35.4	50.9	85.4	134.1	210.4	342.5	480.3	565.7
-25°	0.0	8.9	20.4	34.5	49.5	85.4	140.5	210.9	325.5	466.0	542.8
-27.5°	0.0	8.7	19.9	33.5	48.1	86.4	145.8	210.8	309.5	447.2	524.9
-30°	0.0	8.5	19.3	32.5	46.9	86.4	149.9	210.2	302.1	423.5	506.0
-32.5°	0.0	8.3	18.7	31.4	48.1	85.3	152.8	213.3	299.2	402.8	485.8
-35°	0.0	8.0	18.1	30.2	48.8	83.1	152.1	216.2	296.2	385.5	464.5
-37.5°	0.0	7.8	17.4	29.0	48.9	81.2	148.9	217.3	293.2	371.8	443.2
-40°	0.0	7.5	16.7	27.6	48.5	81.2	144.1	216.6	290.1	365.7	421.7
-42.5°	0.0	7.2	16.0	26.4	47.7	80.3	137.6	214.1	287.0	351.6	399.4
-45°	0.0	6.9	15.2	25.4	46.4	78.5	129.5	207.6	282.0	334.8	376.9
-47.5°	0.0	6.6	14.4	24.1	44.6	75.8	119.9	196.0	274.2	316.7	356.6
-50°	0.0	6.3	13.5	23.0	42.3	72.2	114.1	182.2	256.3	296.8	334.7
-52.5°	0.0	6.0	12.6	21.8	39.5	67.7	108.0	166.4	233.3	276.7	311.7
-55°	0.0	5.6	11.7	20.5	36.3	62.9	100.6	149.4	208.1	256.5	289.7
-57.5°	0.0	5.3	10.8	19.0	32.7	57.5	92.1	138.0	182.8	230.6	267.8
-60°	0.0	4.9	9.8	17.5	28.7	51.4	82.5	123.2	158.6	203.1	243.6
-62.5°	0.0	4.5	9.0	15.8	26.0	44.6	72.9	106.8	138.8	175.6	214.5
-65°	0.0	4.1	8.3	14.0	23.2	37.3	62.5	90.3	117.9	150.1	185.7
-67.5°	0.0	3.7	7.5	12.1	20.2	31.2	51.3	75.1	96.2	124.1	155.5
-70°	0.0	3.4	6.7	10.2	17.1	26.6	39.3	59.6	78.4	97.1	123.7
-72.5°	0.0	2.9	5.9	8.8	13.8	21.8	32.0	43.8	60.4	76.8	93.0
-75°	0.0	2.5	5.1	7.6	10.4	16.8	25.1	33.3	42.2	56.4	70.4
-77.5°	0.0	2.1	4.2	6.3	8.4	11.6	18.0	24.6	31.3	38.2	47.6
-80°	0.0	1.7	3.4	5.1	6.8	8.4	10.7	15.7	21.0	26.4	31.9
-82.5°	0.0	1.3	2.6	3.8	5.1	6.3	7.6	8.8	10.5	14.4	18.4
-85°	0.0	0.9	1.7	2.6	3.4	4.2	5.1	5.9	6.7	7.5	8.3
-87.5°	0.0	0.4	0.9	1.3	1.7	2.1	2.5	2.9	3.4	3.7	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: P559251 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-WR-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°	4.1	4.1	3.9	3.7	4.0	4.2	4.4	4.6	4.2	3.8	3.3
85°	8.3	8.2	9.2	9.9	10.9	11.6	11.9	11.9	13.4	15.2	17.4
82.5°	20.6	22.1	22.9	23.1	23.4	23.3	23.0	22.9	28.2	35.1	42.7
80°	34.6	36.1	41.6	47.5	50.5	50.5	47.8	42.7	50.5	63.1	78.4
77.5°	56.5	64.8	73.5	82.6	84.2	80.0	73.0	63.3	74.6	97.0	122.5
75°	82.2	93.5	106.3	115.9	115.9	109.0	99.8	97.9	117.0	144.1	166.5
72.5°	112.3	128.9	141.2	149.4	148.7	147.6	151.1	159.2	174.7	194.6	211.9
70°	148.7	165.3	174.4	178.7	180.3	189.3	202.8	212.9	224.0	243.6	261.8
67.5°	184.8	197.6	205.5	211.1	226.3	243.6	257.1	269.5	283.2	303.3	319.8
65°	217.0	230.0	241.3	258.2	280.5	296.8	312.9	329.5	353.3	375.7	389.2
62.5°	248.5	262.2	279.6	302.5	326.6	347.5	373.6	403.2	434.1	457.1	483.4
60°	272.9	292.5	317.0	344.3	372.9	407.0	440.6	475.3	506.9	537.8	576.5
57.5°	296.1	324.4	354.9	387.0	424.9	467.5	508.5	545.9	585.7	628.7	672.4
55°	321.4	358.5	392.5	430.7	477.0	531.0	576.6	620.9	668.6	740.9	803.9
52.5°	349.3	390.3	428.7	475.5	533.0	590.7	642.5	704.6	784.2	891.6	1065.6
50°	375.6	419.6	464.6	525.0	587.2	647.9	723.0	809.4	969.0	1169.1	1519.4
47.5°	401.7	448.4	507.9	573.2	640.9	721.1	816.2	1005.0	1222.6	1721.0	2217.6
45°	427.7	483.1	548.8	622.9	703.6	804.3	1001.8	1234.7	1826.7	2400.0	2997.2
42.5°	453.0	517.8	592.9	672.0	777.4	959.5	1214.1	1829.2	2470.1	3128.5	3701.7
40°	481.7	550.2	637.2	737.4	876.9	1153.4	1724.7	2417.2	3139.6	3761.7	4319.4
37.5°	508.8	589.9	684.3	801.0	1051.6	1513.2	2249.3	3017.4	3717.0	4324.8	4920.5
35°	533.5	628.3	740.9	915.8	1222.9	1983.6	2781.5	3562.7	4231.3	4880.3	5532.0
32.5°	562.7	665.3	795.1	1067.8	1615.8	2437.8	3286.8	4031.2	4731.3	5423.4	6167.8
30°	594.9	711.4	870.7	1212.9	2005.0	2879.0	3720.2	4480.5	5206.5	5975.1	6772.3
27.5°	625.3	755.7	996.0	1494.0	2371.0	3291.0	4114.4	4896.9	5676.3	6494.6	7353.0
25°	652.8	797.9	1113.5	1802.4	2724.1	3642.5	4477.1	5273.5	6114.9	7004.4	7907.6
22.5°	682.5	839.0	1219.4	2083.2	3047.2	3955.3	4797.5	5641.8	6532.5	7475.2	8417.3
20°	714.6	926.7	1393.7	2342.6	3340.8	4239.7	5085.1	5984.1	6923.2	7899.5	8894.6
17.5°	743.8	1004.3	1601.9	2588.5	3587.7	4486.9	5343.8	6294.1	7262.9	8283.6	9331.7
15°	770.1	1071.5	1785.3	2806.1	3797.3	4696.9	5596.2	6569.3	7564.9	8628.0	9716.7
12.5°	793.2	1128.3	1943.0	2994.2	3974.0	4876.4	5808.4	6801.3	7834.0	8929.1	10063.5
10°	812.9	1174.6	2074.1	3151.5	4117.8	5024.6	5978.6	6994.4	8048.2	9171.5	10343.2
7.5°	825.4	1212.8	2177.9	3277.2	4228.8	5140.6	6107.0	7146.5	8204.9	9360.7	10554.8
5°	833.4	1243.9	2252.9	3370.0	4309.6	5228.0	6199.5	7255.9	8305.4	9493.5	10697.1
2.5°	837.2	1265.3	2298.6	3429.5	4360.3	5289.4	6276.1	7351.7	8411.2	9588.1	10807.2
0°	836.8	1276.4	2315.2	3454.8	4379.6	5317.4	6313.8	7401.3	8479.1	9628.6	10882.2
-2.5°	837.2	1265.3	2298.6	3429.5	4360.3	5289.4	6276.1	7351.7	8411.2	9588.1	10807.2
-5°	833.4	1243.9	2252.9	3370.0	4309.6	5228.0	6199.5	7255.9	8305.4	9493.5	10697.1
-7.5°	825.4	1212.8	2177.9	3277.2	4228.8	5140.6	6107.0	7146.5	8204.9	9360.7	10554.8
-10°	812.9	1174.6	2074.1	3151.5	4117.8	5024.6	5978.6	6994.4	8048.2	9171.5	10343.2
-12.5°	793.2	1128.3	1943.0	2994.2	3974.0	4876.4	5808.4	6801.3	7834.0	8929.1	10063.5
-15°	770.1	1071.5	1785.3	2806.1	3797.3	4696.9	5596.2	6569.3	7564.9	8628.0	9716.7
-17.5°	743.8	1004.3	1601.9	2588.5	3587.7	4486.9	5343.8	6294.1	7262.9	8283.6	9331.7
-20°	714.6	926.7	1393.7	2342.6	3340.8	4239.7	5085.1	5984.1	6923.2	7899.5	8894.6



REPORT NUMBER: P559251 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	682.5	839.0	1219.4	2083.2	3047.2	3955.3	4797.5	5641.8	6532.5	7475.2	8417.3
-25°	652.8	797.9	1113.5	1802.4	2724.1	3642.5	4477.1	5273.5	6114.9	7004.4	7907.6
-27.5°	625.3	755.7	996.0	1494.0	2371.0	3291.0	4114.4	4896.9	5676.3	6494.6	7353.0
-30°	594.9	711.4	870.7	1212.9	2005.0	2879.0	3720.2	4480.5	5206.5	5975.1	6772.3
-32.5°	562.7	665.3	795.1	1067.8	1615.8	2437.8	3286.8	4031.2	4731.3	5423.4	6167.8
-35°	533.5	628.3	740.9	915.8	1222.9	1983.6	2781.5	3562.7	4231.3	4880.3	5532.0
-37.5°	508.8	589.9	684.3	801.0	1051.6	1513.2	2249.3	3017.4	3717.0	4324.8	4920.5
-40°	481.7	550.2	637.2	737.4	876.9	1153.4	1724.7	2417.2	3139.6	3761.7	4319.4
-42.5°	453.0	517.8	592.9	672.0	777.4	959.5	1214.1	1829.2	2470.1	3128.5	3701.7
-45°	427.7	483.1	548.8	622.9	703.6	804.3	1001.8	1234.7	1826.7	2400.0	2997.2
-47.5°	401.7	448.4	507.9	573.2	640.9	721.1	816.2	1005.0	1222.6	1721.0	2217.6
-50°	375.6	419.6	464.6	525.0	587.2	647.9	723.0	809.4	969.0	1169.1	1519.4
-52.5°	349.3	390.3	428.7	475.5	533.0	590.7	642.5	704.6	784.2	891.6	1065.6
-55°	321.4	358.5	392.5	430.7	477.0	531.0	576.6	620.9	668.6	740.9	803.9
-57.5°	296.1	324.4	354.9	387.0	424.9	467.5	508.5	545.9	585.7	628.7	672.4
-60°	272.9	292.5	317.0	344.3	372.9	407.0	440.6	475.3	506.9	537.8	576.5
-62.5°	248.5	262.2	279.6	302.5	326.6	347.5	373.6	403.2	434.1	457.1	483.4
-65°	217.0	230.0	241.3	258.2	280.5	296.8	312.9	329.5	353.3	375.7	389.2
-67.5°	184.8	197.6	205.5	211.1	226.3	243.6	257.1	269.5	283.2	303.3	319.8
-70°	148.7	165.3	174.4	178.7	180.3	189.3	202.8	212.9	224.0	243.6	261.8
-72.5°	112.3	128.9	141.2	149.4	148.7	147.6	151.1	159.2	174.7	194.6	211.9
-75°	82.2	93.5	106.3	115.9	115.9	109.0	99.8	97.9	117.0	144.1	166.5
-77.5°	56.5	64.8	73.5	82.6	84.2	80.0	73.0	63.3	74.6	97.0	122.5
-80°	34.6	36.1	41.6	47.5	50.5	50.5	47.8	42.7	50.5	63.1	78.4
-82.5°	20.6	22.1	22.9	23.1	23.4	23.3	23.0	22.9	28.2	35.1	42.7
-85°	8.3	8.2	9.2	9.9	10.9	11.6	11.9	11.9	13.4	15.2	17.4
-87.5°	4.1	4.1	3.9	3.7	4.0	4.2	4.4	4.6	4.2	3.8	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: P559251 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-WR-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	3.2	3.2
85°	19.8	19.5	18.8	17.8	16.5	17.0	17.5	18.0	18.4	17.2	15.9
82.5°	51.0	54.8	58.4	62.2	66.2	65.6	63.8	61.2	57.8	51.5	44.5
80°	95.7	104.6	110.6	115.5	119.2	115.5	110.0	103.5	96.3	85.5	73.8
77.5°	148.6	157.6	162.3	167.8	174.1	175.3	175.6	176.2	176.9	157.0	131.6
75°	184.5	196.4	206.2	214.9	222.5	226.3	228.8	231.3	233.6	207.1	172.4
72.5°	226.8	238.3	247.7	257.1	265.4	271.8	276.7	280.7	283.9	262.4	232.1
70°	276.2	287.8	298.5	308.2	317.7	326.3	334.1	341.3	347.8	349.1	350.6
67.5°	332.1	339.0	351.8	364.0	378.6	389.2	401.2	412.3	422.6	431.4	438.6
65°	401.2	425.9	450.7	462.9	463.8	479.4	503.7	517.3	521.3	524.3	532.0
62.5°	517.3	549.0	565.7	587.5	617.4	650.1	662.6	680.5	702.4	727.2	749.6
60°	609.4	636.4	676.7	717.6	754.1	787.2	867.4	938.7	999.9	1052.4	1103.1
57.5°	723.8	768.4	829.9	941.0	1042.5	1134.2	1291.2	1482.8	1653.5	1802.9	1934.2
55°	906.1	1035.9	1152.8	1414.8	1694.7	1937.0	2163.9	2406.5	2604.0	2758.4	2901.2
52.5°	1217.1	1573.9	1935.6	2275.9	2610.4	2914.9	3188.1	3403.2	3571.0	3697.1	3816.4
50°	1948.4	2378.5	2819.1	3224.9	3553.5	3853.7	4138.1	4351.4	4529.9	4683.6	4819.6
47.5°	2745.7	3249.1	3665.5	4039.8	4393.9	4727.0	5038.1	5297.8	5517.6	5720.4	5889.2
45°	3539.1	3989.4	4416.4	4817.8	5203.2	5576.6	5911.2	6206.5	6497.5	6737.9	6928.0
42.5°	4210.0	4686.7	5140.9	5600.3	6031.2	6450.0	6854.4	7213.6	7522.5	7785.2	7996.6
40°	4853.9	5367.9	5907.3	6417.4	6929.1	7407.0	7854.9	8265.0	8616.9	8928.0	9191.2
37.5°	5509.3	6109.4	6702.1	7283.4	7847.2	8367.0	8881.0	9354.0	9766.5	10130.4	10436.1
35°	6201.0	6862.4	7507.3	8162.3	8777.9	9379.5	9947.7	10468.4	10925.1	11353.9	11722.5
32.5°	6893.9	7610.6	8336.7	9045.5	9727.4	10401.1	11024.3	11611.3	12151.3	12625.9	13019.3
30°	7568.6	8357.6	9134.6	9906.7	10685.1	11419.0	12109.4	12754.1	13339.9	13856.9	14303.9
27.5°	8215.9	9064.2	9897.5	10780.6	11626.4	12424.9	13174.8	13868.0	14521.9	15109.8	15617.2
25°	8815.0	9716.0	10687.3	11613.5	12518.6	13404.1	14225.8	14978.7	15726.4	16373.2	16924.2
22.5°	9380.9	10386.4	11409.1	12380.5	13379.1	14352.8	15272.6	16145.1	16943.7	17621.5	18208.9
20°	9919.1	11001.2	12054.9	13130.4	14211.8	15262.2	16275.1	17207.6	18051.4	18790.0	19452.5
17.5°	10427.5	11547.1	12666.9	13815.3	14983.2	16087.5	17160.7	18175.1	19096.2	19915.6	20662.6
15°	10867.1	12024.1	13223.1	14443.7	15665.2	16839.4	17978.4	19083.5	20119.8	21011.8	21765.0
12.5°	11240.8	12446.0	13714.4	14995.1	16282.7	17513.6	18720.8	19903.3	21004.8	21963.7	22737.1
10°	11550.7	12813.5	14138.4	15472.3	16792.9	18071.9	19327.4	20551.0	21734.1	22728.0	23522.4
7.5°	11809.0	13120.2	14475.7	15849.9	17182.5	18510.7	19820.1	21056.1	22221.7	23269.7	24086.2
5°	12002.0	13335.1	14719.2	16127.7	17480.6	18856.3	20204.5	21469.4	22623.4	23573.2	24239.6
2.5°	12145.6	13468.9	14877.3	16295.1	17666.0	19091.2	20468.2	21734.4	22915.6	23814.6	24391.5
0°	12243.3	13542.5	15020.9	16411.3	17804.9	19266.9	20628.0	21907.7	23093.0	23972.2	24568.0
-2.5°	12145.6	13468.9	14877.3	16295.1	17666.0	19091.2	20468.2	21734.4	22915.6	23814.6	24391.5
-5°	12002.0	13335.1	14719.2	16127.7	17480.6	18856.3	20204.5	21469.4	22623.4	23573.2	24239.6
-7.5°	11809.0	13120.2	14475.7	15849.9	17182.5	18510.7	19820.1	21056.1	22221.7	23269.7	24086.2
-10°	11550.7	12813.5	14138.4	15472.3	16792.9	18071.9	19327.4	20551.0	21734.1	22728.0	23522.4
-12.5°	11240.8	12446.0	13714.4	14995.1	16282.7	17513.6	18720.8	19903.3	21004.8	21963.7	22737.1
-15°	10867.1	12024.1	13223.1	14443.7	15665.2	16839.4	17978.4	19083.5	20119.8	21011.8	21765.0
-17.5°	10427.5	11547.1	12666.9	13815.3	14983.2	16087.5	17160.7	18175.1	19096.2	19915.6	20662.6
-20°	9919.1	11001.2	12054.9	13130.4	14211.8	15262.2	16275.1	17207.6	18051.4	18790.0	19452.5



REPORT NUMBER: P559251 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	9380.9	10386.4	11409.1	12380.5	13379.1	14352.8	15272.6	16145.1	16943.7	17621.5	18208.9
-25°	8815.0	9716.0	10687.3	11613.5	12518.6	13404.1	14225.8	14978.7	15726.4	16373.2	16924.2
-27.5°	8215.9	9064.2	9897.5	10780.6	11626.4	12424.9	13174.8	13868.0	14521.9	15109.8	15617.2
-30°	7568.6	8357.6	9134.6	9906.7	10685.1	11419.0	12109.4	12754.1	13339.9	13856.9	14303.9
-32.5°	6893.9	7610.6	8336.7	9045.5	9727.4	10401.1	11024.3	11611.3	12151.3	12625.9	13019.3
-35°	6201.0	6862.4	7507.3	8162.3	8777.9	9379.5	9947.7	10468.4	10925.1	11353.9	11722.5
-37.5°	5509.3	6109.4	6702.1	7283.4	7847.2	8367.0	8881.0	9354.0	9766.5	10130.4	10436.1
-40°	4853.9	5367.9	5907.3	6417.4	6929.1	7407.0	7854.9	8265.0	8616.9	8928.0	9191.2
-42.5°	4210.0	4686.7	5140.9	5600.3	6031.2	6450.0	6854.4	7213.6	7522.5	7785.2	7996.6
-45°	3539.1	3989.4	4416.4	4817.8	5203.2	5576.6	5911.2	6206.5	6497.5	6737.9	6928.0
-47.5°	2745.7	3249.1	3665.5	4039.8	4393.9	4727.0	5038.1	5297.8	5517.6	5720.4	5889.2
-50°	1948.4	2378.5	2819.1	3224.9	3553.5	3853.7	4138.1	4351.4	4529.9	4683.6	4819.6
-52.5°	1217.1	1573.9	1935.6	2275.9	2610.4	2914.9	3188.1	3403.2	3571.0	3697.1	3816.4
-55°	906.1	1035.9	1152.8	1414.8	1694.7	1937.0	2163.9	2406.5	2604.0	2758.4	2901.2
-57.5°	723.8	768.4	829.9	941.0	1042.5	1134.2	1291.2	1482.8	1653.5	1802.9	1934.2
-60°	609.4	636.4	676.7	717.6	754.1	787.2	867.4	938.7	999.9	1052.4	1103.1
-62.5°	517.3	549.0	565.7	587.5	617.4	650.1	662.6	680.5	702.4	727.2	749.6
-65°	401.2	425.9	450.7	462.9	463.8	479.4	503.7	517.3	521.3	524.3	532.0
-67.5°	332.1	339.0	351.8	364.0	378.6	389.2	401.2	412.3	422.6	431.4	438.6
-70°	276.2	287.8	298.5	308.2	317.7	326.3	334.1	341.3	347.8	349.1	350.6
-72.5°	226.8	238.3	247.7	257.1	265.4	271.8	276.7	280.7	283.9	262.4	232.1
-75°	184.5	196.4	206.2	214.9	222.5	226.3	228.8	231.3	233.6	207.1	172.4
-77.5°	148.6	157.6	162.3	167.8	174.1	175.3	175.6	176.2	176.9	157.0	131.6
-80°	95.7	104.6	110.6	115.5	119.2	115.5	110.0	103.5	96.3	85.5	73.8
-82.5°	51.0	54.8	58.4	62.2	66.2	65.6	63.8	61.2	57.8	51.5	44.5
-85°	19.8	19.5	18.8	17.8	16.5	17.0	17.5	18.0	18.4	17.2	15.9
-87.5°	2.7	2.8	2.9	2.9	3.0	3.0	3.1	3.1	3.2	3.2	3.2
-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: P559251 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-WR-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°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.1
85°	14.4	12.9	13.0	13.0	13.0	12.9	14.4	15.9	17.2	18.4	18.0
82.5°	37.1	29.3	30.9	32.6	30.9	29.3	37.1	44.5	51.5	57.8	61.2
80°	61.6	48.9	50.3	52.1	50.3	48.9	61.6	73.8	85.5	96.3	103.5
77.5°	104.4	75.8	73.2	71.6	73.2	75.8	104.4	131.6	157.0	176.9	176.2
75°	136.5	99.7	97.6	97.7	97.6	99.7	136.5	172.4	207.1	233.6	231.3
72.5°	201.5	170.4	148.8	127.0	148.8	170.4	201.5	232.1	262.4	283.9	280.7
70°	354.4	358.7	357.0	351.7	357.0	358.7	354.4	350.6	349.1	347.8	341.3
67.5°	444.6	449.3	450.3	449.4	450.3	449.3	444.6	438.6	431.4	422.6	412.3
65°	537.3	540.4	542.9	543.8	542.9	540.4	537.3	532.0	524.3	521.3	517.3
62.5°	766.4	777.5	789.5	797.8	789.5	777.5	766.4	749.6	727.2	702.4	680.5
60°	1147.3	1183.9	1200.1	1201.5	1200.1	1183.9	1147.3	1103.1	1052.4	999.9	938.7
57.5°	2039.3	2117.8	2187.8	2240.3	2187.8	2117.8	2039.3	1934.2	1802.9	1653.5	1482.8
55°	3015.1	3098.7	3145.9	3158.5	3145.9	3098.7	3015.1	2901.2	2758.4	2604.0	2406.5
52.5°	3906.8	3962.4	4015.1	4060.5	4015.1	3962.4	3906.8	3816.4	3697.1	3571.0	3403.2
50°	4922.3	4984.3	5036.4	5076.4	5036.4	4984.3	4922.3	4819.6	4683.6	4529.9	4351.4
47.5°	6007.8	6083.6	6139.4	6177.0	6139.4	6083.6	6007.8	5889.2	5720.4	5517.6	5297.8
45°	7090.8	7220.6	7299.5	7313.4	7299.5	7220.6	7090.8	6928.0	6737.9	6497.5	6206.5
42.5°	8179.4	8303.8	8387.8	8449.8	8387.8	8303.8	8179.4	7996.6	7785.2	7522.5	7213.6
40°	9410.6	9566.9	9638.5	9592.8	9638.5	9566.9	9410.6	9191.2	8928.0	8616.9	8265.0
37.5°	10671.8	10832.5	10915.4	10911.5	10915.4	10832.5	10671.8	10436.1	10130.4	9766.5	9354.0
35°	12009.0	12208.2	12316.0	12288.9	12316.0	12208.2	12009.0	11722.5	11353.9	10925.1	10468.4
32.5°	13333.7	13574.5	13730.0	13754.2	13730.0	13574.5	13333.7	13019.3	12625.9	12151.3	11611.3
30°	14662.4	14922.7	15077.4	15092.5	15077.4	14922.7	14662.4	14303.9	13856.9	13339.9	12754.1
27.5°	16043.1	16334.3	16496.2	16535.0	16496.2	16334.3	16043.1	15617.2	15109.8	14521.9	13868.0
25°	17394.0	17717.2	17903.0	17974.2	17903.0	17717.2	17394.0	16924.2	16373.2	15726.4	14978.7
22.5°	18696.6	19051.1	19293.2	19354.9	19293.2	19051.1	18696.6	18208.9	17621.5	16943.7	16145.1
20°	20003.1	20421.3	20731.0	20761.5	20731.0	20421.3	20003.1	19452.5	18790.0	18051.4	17207.6
17.5°	21260.9	21713.5	22045.0	22125.9	22045.0	21713.5	21260.9	20662.6	19915.6	19096.2	18175.1
15°	22387.1	22862.1	23182.2	23252.5	23182.2	22862.1	22387.1	21765.0	21011.8	20119.8	19083.5
12.5°	23358.9	23796.9	24095.6	24209.9	24095.6	23796.9	23358.9	22737.1	21963.7	21004.8	19903.3
10°	24141.8	24480.1	24747.1	24867.6	24747.1	24480.1	24141.8	23522.4	22728.0	21734.1	20551.0
7.5°	24578.9	24857.1	25042.1	25108.6	25042.1	24857.1	24578.9	24086.2	23269.7	22221.7	21056.1
5°	24751.6	25018.4	25118.5	25177.0	25118.5	25018.4	24751.6	24239.6	23573.2	22623.4	21469.4
2.5°	24775.2	24988.7	25194.6	25330.0	25194.6	24988.7	24775.2	24391.5	23814.6	22915.6	21734.4
0°	24913.2	25121.6	25235.6	25300.7	25235.6	25121.6	24913.2	24568.0	23972.2	23093.0	21907.7
-2.5°	24775.2	24988.7	25194.6	25330.0	25194.6	24988.7	24775.2	24391.5	23814.6	22915.6	21734.4
-5°	24751.6	25018.4	25118.5	25177.0	25118.5	25018.4	24751.6	24239.6	23573.2	22623.4	21469.4
-7.5°	24578.9	24857.1	25042.1	25108.6	25042.1	24857.1	24578.9	24086.2	23269.7	22221.7	21056.1
-10°	24141.8	24480.1	24747.1	24867.6	24747.1	24480.1	24141.8	23522.4	22728.0	21734.1	20551.0
-12.5°	23358.9	23796.9	24095.6	24209.9	24095.6	23796.9	23358.9	22737.1	21963.7	21004.8	19903.3
-15°	22387.1	22862.1	23182.2	23252.5	23182.2	22862.1	22387.1	21765.0	21011.8	20119.8	19083.5
-17.5°	21260.9	21713.5	22045.0	22125.9	22045.0	21713.5	21260.9	20662.6	19915.6	19096.2	18175.1
-20°	20003.1	20421.3	20731.0	20761.5	20731.0	20421.3	20003.1	19452.5	18790.0	18051.4	17207.6



REPORT NUMBER: P559251 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	18696.6	19051.1	19293.2	19354.9	19293.2	19051.1	18696.6	18208.9	17621.5	16943.7	16145.1
-25°	17394.0	17717.2	17903.0	17974.2	17903.0	17717.2	17394.0	16924.2	16373.2	15726.4	14978.7
-27.5°	16043.1	16334.3	16496.2	16535.0	16496.2	16334.3	16043.1	15617.2	15109.8	14521.9	13868.0
-30°	14662.4	14922.7	15077.4	15092.5	15077.4	14922.7	14662.4	14303.9	13856.9	13339.9	12754.1
-32.5°	13333.7	13574.5	13730.0	13754.2	13730.0	13574.5	13333.7	13019.3	12625.9	12151.3	11611.3
-35°	12009.0	12208.2	12316.0	12288.9	12316.0	12208.2	12009.0	11722.5	11353.9	10925.1	10468.4
-37.5°	10671.8	10832.5	10915.4	10911.5	10915.4	10832.5	10671.8	10436.1	10130.4	9766.5	9354.0
-40°	9410.6	9566.9	9638.5	9592.8	9638.5	9566.9	9410.6	9191.2	8928.0	8616.9	8265.0
-42.5°	8179.4	8303.8	8387.8	8449.8	8387.8	8303.8	8179.4	7996.6	7785.2	7522.5	7213.6
-45°	7090.8	7220.6	7299.5	7313.4	7299.5	7220.6	7090.8	6928.0	6737.9	6497.5	6206.5
-47.5°	6007.8	6083.6	6139.4	6177.0	6139.4	6083.6	6007.8	5889.2	5720.4	5517.6	5297.8
-50°	4922.3	4984.3	5036.4	5076.4	5036.4	4984.3	4922.3	4819.6	4683.6	4529.9	4351.4
-52.5°	3906.8	3962.4	4015.1	4060.5	4015.1	3962.4	3906.8	3816.4	3697.1	3571.0	3403.2
-55°	3015.1	3098.7	3145.9	3158.5	3145.9	3098.7	3015.1	2901.2	2758.4	2604.0	2406.5
-57.5°	2039.3	2117.8	2187.8	2240.3	2187.8	2117.8	2039.3	1934.2	1802.9	1653.5	1482.8
-60°	1147.3	1183.9	1200.1	1201.5	1200.1	1183.9	1147.3	1103.1	1052.4	999.9	938.7
-62.5°	766.4	777.5	789.5	797.8	789.5	777.5	766.4	749.6	727.2	702.4	680.5
-65°	537.3	540.4	542.9	543.8	542.9	540.4	537.3	532.0	524.3	521.3	517.3
-67.5°	444.6	449.3	450.3	449.4	450.3	449.3	444.6	438.6	431.4	422.6	412.3
-70°	354.4	358.7	357.0	351.7	357.0	358.7	354.4	350.6	349.1	347.8	341.3
-72.5°	201.5	170.4	148.8	127.0	148.8	170.4	201.5	232.1	262.4	283.9	280.7
-75°	136.5	99.7	97.6	97.7	97.6	99.7	136.5	172.4	207.1	233.6	231.3
-77.5°	104.4	75.8	73.2	71.6	73.2	75.8	104.4	131.6	157.0	176.9	176.2
-80°	61.6	48.9	50.3	52.1	50.3	48.9	61.6	73.8	85.5	96.3	103.5
-82.5°	37.1	29.3	30.9	32.6	30.9	29.3	37.1	44.5	51.5	57.8	61.2
-85°	14.4	12.9	13.0	13.0	13.0	12.9	14.4	15.9	17.2	18.4	18.0
-87.5°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.2	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: P559251 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-WR-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	3.3	3.8	4.2	4.6
85°	17.5	17.0	16.5	17.8	18.8	19.5	19.8	17.4	15.2	13.4	11.9
82.5°	63.8	65.6	66.2	62.2	58.4	54.8	51.0	42.7	35.1	28.2	22.9
80°	110.0	115.5	119.2	115.5	110.6	104.6	95.7	78.4	63.1	50.5	42.7
77.5°	175.6	175.3	174.1	167.8	162.3	157.6	148.6	122.5	97.0	74.6	63.3
75°	228.8	226.3	222.5	214.9	206.2	196.4	184.5	166.5	144.1	117.0	97.9
72.5°	276.7	271.8	265.4	257.1	247.7	238.3	226.8	211.9	194.6	174.7	159.2
70°	334.1	326.3	317.7	308.2	298.5	287.8	276.2	261.8	243.6	224.0	212.9
67.5°	401.2	389.2	378.6	364.0	351.8	339.0	332.1	319.8	303.3	283.2	269.5
65°	503.7	479.4	463.8	462.9	450.7	425.9	401.2	389.2	375.7	353.3	329.5
62.5°	662.6	650.1	617.4	587.5	565.7	549.0	517.3	483.4	457.1	434.1	403.2
60°	867.4	787.2	754.1	717.6	676.7	636.4	609.4	576.5	537.8	506.9	475.3
57.5°	1291.2	1134.2	1042.5	941.0	829.9	768.4	723.8	672.4	628.7	585.7	545.9
55°	2163.9	1937.0	1694.7	1414.8	1152.8	1035.9	906.1	803.9	740.9	668.6	620.9
52.5°	3188.1	2914.9	2610.4	2275.9	1935.6	1573.9	1217.1	1065.6	891.6	784.2	704.6
50°	4138.1	3853.7	3553.5	3224.9	2819.1	2378.5	1948.4	1519.4	1169.1	969.0	809.4
47.5°	5038.1	4727.0	4393.9	4039.8	3665.5	3249.1	2745.7	2217.6	1721.0	1222.6	1005.0
45°	5911.2	5576.6	5203.2	4817.8	4416.4	3989.4	3539.1	2997.2	2400.0	1826.7	1234.7
42.5°	6854.4	6450.0	6031.2	5600.3	5140.9	4686.7	4210.0	3701.7	3128.5	2470.1	1829.2
40°	7854.9	7407.0	6929.1	6417.4	5907.3	5367.9	4853.9	4319.4	3761.7	3139.6	2417.2
37.5°	8881.0	8367.0	7847.2	7283.4	6702.1	6109.4	5509.3	4920.5	4324.8	3717.0	3017.4
35°	9947.7	9379.5	8777.9	8162.3	7507.3	6862.4	6201.0	5532.0	4880.3	4231.3	3562.7
32.5°	11024.3	10401.1	9727.4	9045.5	8336.7	7610.6	6893.9	6167.8	5423.4	4731.3	4031.2
30°	12109.4	11419.0	10685.1	9906.7	9134.6	8357.6	7568.6	6772.3	5975.1	5206.5	4480.5
27.5°	13174.8	12424.9	11626.4	10780.6	9897.5	9064.2	8215.9	7353.0	6494.6	5676.3	4896.9
25°	14225.8	13404.1	12518.6	11613.5	10687.3	9716.0	8815.0	7907.6	7004.4	6114.9	5273.5
22.5°	15272.6	14352.8	13379.1	12380.5	11409.1	10386.4	9380.9	8417.3	7475.2	6532.5	5641.8
20°	16275.1	15262.2	14211.8	13130.4	12054.9	11001.2	9919.1	8894.6	7899.5	6923.2	5984.1
17.5°	17160.7	16087.5	14983.2	13815.3	12666.9	11547.1	10427.5	9331.7	8283.6	7262.9	6294.1
15°	17978.4	16839.4	15665.2	14443.7	13223.1	12024.1	10867.1	9716.7	8628.0	7564.9	6569.3
12.5°	18720.8	17513.6	16282.7	14995.1	13714.4	12446.0	11240.8	10063.5	8929.1	7834.0	6801.3
10°	19327.4	18071.9	16792.9	15472.3	14138.4	12813.5	11550.7	10343.2	9171.5	8048.2	6994.4
7.5°	19820.1	18510.7	17182.5	15849.9	14475.7	13120.2	11809.0	10554.8	9360.7	8204.9	7146.5
5°	20204.5	18856.3	17480.6	16127.7	14719.2	13335.1	12002.0	10697.1	9493.5	8305.4	7255.9
2.5°	20468.2	19091.2	17666.0	16295.1	14877.3	13468.9	12145.6	10807.2	9588.1	8411.2	7351.7
0°	20628.0	19266.9	17804.9	16411.3	15020.9	13542.5	12243.3	10882.2	9628.6	8479.1	7401.3
-2.5°	20468.2	19091.2	17666.0	16295.1	14877.3	13468.9	12145.6	10807.2	9588.1	8411.2	7351.7
-5°	20204.5	18856.3	17480.6	16127.7	14719.2	13335.1	12002.0	10697.1	9493.5	8305.4	7255.9
-7.5°	19820.1	18510.7	17182.5	15849.9	14475.7	13120.2	11809.0	10554.8	9360.7	8204.9	7146.5
-10°	19327.4	18071.9	16792.9	15472.3	14138.4	12813.5	11550.7	10343.2	9171.5	8048.2	6994.4
-12.5°	18720.8	17513.6	16282.7	14995.1	13714.4	12446.0	11240.8	10063.5	8929.1	7834.0	6801.3
-15°	17978.4	16839.4	15665.2	14443.7	13223.1	12024.1	10867.1	9716.7	8628.0	7564.9	6569.3
-17.5°	17160.7	16087.5	14983.2	13815.3	12666.9	11547.1	10427.5	9331.7	8283.6	7262.9	6294.1
-20°	16275.1	15262.2	14211.8	13130.4	12054.9	11001.2	9919.1	8894.6	7899.5	6923.2	5984.1



REPORT NUMBER: P559251 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	15272.6	14352.8	13379.1	12380.5	11409.1	10386.4	9380.9	8417.3	7475.2	6532.5	5641.8
-25°	14225.8	13404.1	12518.6	11613.5	10687.3	9716.0	8815.0	7907.6	7004.4	6114.9	5273.5
-27.5°	13174.8	12424.9	11626.4	10780.6	9897.5	9064.2	8215.9	7353.0	6494.6	5676.3	4896.9
-30°	12109.4	11419.0	10685.1	9906.7	9134.6	8357.6	7568.6	6772.3	5975.1	5206.5	4480.5
-32.5°	11024.3	10401.1	9727.4	9045.5	8336.7	7610.6	6893.9	6167.8	5423.4	4731.3	4031.2
-35°	9947.7	9379.5	8777.9	8162.3	7507.3	6862.4	6201.0	5532.0	4880.3	4231.3	3562.7
-37.5°	8881.0	8367.0	7847.2	7283.4	6702.1	6109.4	5509.3	4920.5	4324.8	3717.0	3017.4
-40°	7854.9	7407.0	6929.1	6417.4	5907.3	5367.9	4853.9	4319.4	3761.7	3139.6	2417.2
-42.5°	6854.4	6450.0	6031.2	5600.3	5140.9	4686.7	4210.0	3701.7	3128.5	2470.1	1829.2
-45°	5911.2	5576.6	5203.2	4817.8	4416.4	3989.4	3539.1	2997.2	2400.0	1826.7	1234.7
-47.5°	5038.1	4727.0	4393.9	4039.8	3665.5	3249.1	2745.7	2217.6	1721.0	1222.6	1005.0
-50°	4138.1	3853.7	3553.5	3224.9	2819.1	2378.5	1948.4	1519.4	1169.1	969.0	809.4
-52.5°	3188.1	2914.9	2610.4	2275.9	1935.6	1573.9	1217.1	1065.6	891.6	784.2	704.6
-55°	2163.9	1937.0	1694.7	1414.8	1152.8	1035.9	906.1	803.9	740.9	668.6	620.9
-57.5°	1291.2	1134.2	1042.5	941.0	829.9	768.4	723.8	672.4	628.7	585.7	545.9
-60°	867.4	787.2	754.1	717.6	676.7	636.4	609.4	576.5	537.8	506.9	475.3
-62.5°	662.6	650.1	617.4	587.5	565.7	549.0	517.3	483.4	457.1	434.1	403.2
-65°	503.7	479.4	463.8	462.9	450.7	425.9	401.2	389.2	375.7	353.3	329.5
-67.5°	401.2	389.2	378.6	364.0	351.8	339.0	332.1	319.8	303.3	283.2	269.5
-70°	334.1	326.3	317.7	308.2	298.5	287.8	276.2	261.8	243.6	224.0	212.9
-72.5°	276.7	271.8	265.4	257.1	247.7	238.3	226.8	211.9	194.6	174.7	159.2
-75°	228.8	226.3	222.5	214.9	206.2	196.4	184.5	166.5	144.1	117.0	97.9
-77.5°	175.6	175.3	174.1	167.8	162.3	157.6	148.6	122.5	97.0	74.6	63.3
-80°	110.0	115.5	119.2	115.5	110.6	104.6	95.7	78.4	63.1	50.5	42.7
-82.5°	63.8	65.6	66.2	62.2	58.4	54.8	51.0	42.7	35.1	28.2	22.9
-85°	17.5	17.0	16.5	17.8	18.8	19.5	19.8	17.4	15.2	13.4	11.9
-87.5°	3.1	3.0	3.0	2.9	2.9	2.8	2.7	3.3	3.8	4.2	4.6
-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: P559251 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-WR-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°	4.4	4.2	4.0	3.7	3.9	4.1	4.1	4.1	3.7	3.4	2.9
85°	11.9	11.6	10.9	9.9	9.2	8.2	8.3	8.3	7.5	6.7	5.9
82.5°	23.0	23.3	23.4	23.1	22.9	22.1	20.6	18.4	14.4	10.5	8.8
80°	47.8	50.5	50.5	47.5	41.6	36.1	34.6	31.9	26.4	21.0	15.7
77.5°	73.0	80.0	84.2	82.6	73.5	64.8	56.5	47.6	38.2	31.3	24.6
75°	99.8	109.0	115.9	115.9	106.3	93.5	82.2	70.4	56.4	42.2	33.3
72.5°	151.1	147.6	148.7	149.4	141.2	128.9	112.3	93.0	76.8	60.4	43.8
70°	202.8	189.3	180.3	178.7	174.4	165.3	148.7	123.7	97.1	78.4	59.6
67.5°	257.1	243.6	226.3	211.1	205.5	197.6	184.8	155.5	124.1	96.2	75.1
65°	312.9	296.8	280.5	258.2	241.3	230.0	217.0	185.7	150.1	117.9	90.3
62.5°	373.6	347.5	326.6	302.5	279.6	262.2	248.5	214.5	175.6	138.8	106.8
60°	440.6	407.0	372.9	344.3	317.0	292.5	272.9	243.6	203.1	158.6	123.2
57.5°	508.5	467.5	424.9	387.0	354.9	324.4	296.1	267.8	230.6	182.8	138.0
55°	576.6	531.0	477.0	430.7	392.5	358.5	321.4	289.7	256.5	208.1	149.4
52.5°	642.5	590.7	533.0	475.5	428.7	390.3	349.3	311.7	276.7	233.3	166.4
50°	723.0	647.9	587.2	525.0	464.6	419.6	375.6	334.7	296.8	256.3	182.2
47.5°	816.2	721.1	640.9	573.2	507.9	448.4	401.7	356.6	316.7	274.2	196.0
45°	1001.8	804.3	703.6	622.9	548.8	483.1	427.7	376.9	334.8	282.0	207.6
42.5°	1214.1	959.5	777.4	672.0	592.9	517.8	453.0	399.4	351.6	287.0	214.1
40°	1724.7	1153.4	876.9	737.4	637.2	550.2	481.7	421.7	365.7	290.1	216.6
37.5°	2249.3	1513.2	1051.6	801.0	684.3	589.9	508.8	443.2	371.8	293.2	217.3
35°	2781.5	1983.6	1222.9	915.8	740.9	628.3	533.5	464.5	385.5	296.2	216.2
32.5°	3286.8	2437.8	1615.8	1067.8	795.1	665.3	562.7	485.8	402.8	299.2	213.3
30°	3720.2	2879.0	2005.0	1212.9	870.7	711.4	594.9	506.0	423.5	302.1	210.2
27.5°	4114.4	3291.0	2371.0	1494.0	996.0	755.7	625.3	524.9	447.2	309.5	210.8
25°	4477.1	3642.5	2724.1	1802.4	1113.5	797.9	652.8	542.8	466.0	325.5	210.9
22.5°	4797.5	3955.3	3047.2	2083.2	1219.4	839.0	682.5	565.7	480.3	342.5	210.4
20°	5085.1	4239.7	3340.8	2342.6	1393.7	926.7	714.6	586.0	493.3	360.0	209.2
17.5°	5343.8	4486.9	3587.7	2588.5	1601.9	1004.3	743.8	603.8	504.9	377.5	207.3
15°	5596.2	4696.9	3797.3	2806.1	1785.3	1071.5	770.1	619.0	515.2	394.6	206.2
12.5°	5808.4	4876.4	3974.0	2994.2	1943.0	1128.3	793.2	631.7	524.0	409.8	204.9
10°	5978.6	5024.6	4117.8	3151.5	2074.1	1174.6	812.9	641.2	530.8	422.3	200.8
7.5°	6107.0	5140.6	4228.8	3277.2	2177.9	1212.8	825.4	646.7	536.3	432.3	194.4
5°	6199.5	5228.0	4309.6	3370.0	2252.9	1243.9	833.4	649.6	540.3	439.4	186.2
2.5°	6276.1	5289.4	4360.3	3429.5	2298.6	1265.3	837.2	649.9	542.9	443.1	176.6
0°	6313.8	5317.4	4379.6	3454.8	2315.2	1276.4	836.8	648.0	543.8	442.8	166.1
-2.5°	6276.1	5289.4	4360.3	3429.5	2298.6	1265.3	837.2	649.9	542.9	443.1	176.6
-5°	6199.5	5228.0	4309.6	3370.0	2252.9	1243.9	833.4	649.6	540.3	439.4	186.2
-7.5°	6107.0	5140.6	4228.8	3277.2	2177.9	1212.8	825.4	646.7	536.3	432.3	194.4
-10°	5978.6	5024.6	4117.8	3151.5	2074.1	1174.6	812.9	641.2	530.8	422.3	200.8
-12.5°	5808.4	4876.4	3974.0	2994.2	1943.0	1128.3	793.2	631.7	524.0	409.8	204.9
-15°	5596.2	4696.9	3797.3	2806.1	1785.3	1071.5	770.1	619.0	515.2	394.6	206.2
-17.5°	5343.8	4486.9	3587.7	2588.5	1601.9	1004.3	743.8	603.8	504.9	377.5	207.3
-20°	5085.1	4239.7	3340.8	2342.6	1393.7	926.7	714.6	586.0	493.3	360.0	209.2



REPORT NUMBER: P559251 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	4797.5	3955.3	3047.2	2083.2	1219.4	839.0	682.5	565.7	480.3	342.5	210.4
-25°	4477.1	3642.5	2724.1	1802.4	1113.5	797.9	652.8	542.8	466.0	325.5	210.9
-27.5°	4114.4	3291.0	2371.0	1494.0	996.0	755.7	625.3	524.9	447.2	309.5	210.8
-30°	3720.2	2879.0	2005.0	1212.9	870.7	711.4	594.9	506.0	423.5	302.1	210.2
-32.5°	3286.8	2437.8	1615.8	1067.8	795.1	665.3	562.7	485.8	402.8	299.2	213.3
-35°	2781.5	1983.6	1222.9	915.8	740.9	628.3	533.5	464.5	385.5	296.2	216.2
-37.5°	2249.3	1513.2	1051.6	801.0	684.3	589.9	508.8	443.2	371.8	293.2	217.3
-40°	1724.7	1153.4	876.9	737.4	637.2	550.2	481.7	421.7	365.7	290.1	216.6
-42.5°	1214.1	959.5	777.4	672.0	592.9	517.8	453.0	399.4	351.6	287.0	214.1
-45°	1001.8	804.3	703.6	622.9	548.8	483.1	427.7	376.9	334.8	282.0	207.6
-47.5°	816.2	721.1	640.9	573.2	507.9	448.4	401.7	356.6	316.7	274.2	196.0
-50°	723.0	647.9	587.2	525.0	464.6	419.6	375.6	334.7	296.8	256.3	182.2
-52.5°	642.5	590.7	533.0	475.5	428.7	390.3	349.3	311.7	276.7	233.3	166.4
-55°	576.6	531.0	477.0	430.7	392.5	358.5	321.4	289.7	256.5	208.1	149.4
-57.5°	508.5	467.5	424.9	387.0	354.9	324.4	296.1	267.8	230.6	182.8	138.0
-60°	440.6	407.0	372.9	344.3	317.0	292.5	272.9	243.6	203.1	158.6	123.2
-62.5°	373.6	347.5	326.6	302.5	279.6	262.2	248.5	214.5	175.6	138.8	106.8
-65°	312.9	296.8	280.5	258.2	241.3	230.0	217.0	185.7	150.1	117.9	90.3
-67.5°	257.1	243.6	226.3	211.1	205.5	197.6	184.8	155.5	124.1	96.2	75.1
-70°	202.8	189.3	180.3	178.7	174.4	165.3	148.7	123.7	97.1	78.4	59.6
-72.5°	151.1	147.6	148.7	149.4	141.2	128.9	112.3	93.0	76.8	60.4	43.8
-75°	99.8	109.0	115.9	115.9	106.3	93.5	82.2	70.4	56.4	42.2	33.3
-77.5°	73.0	80.0	84.2	82.6	73.5	64.8	56.5	47.6	38.2	31.3	24.6
-80°	47.8	50.5	50.5	47.5	41.6	36.1	34.6	31.9	26.4	21.0	15.7
-82.5°	23.0	23.3	23.4	23.1	22.9	22.1	20.6	18.4	14.4	10.5	8.8
-85°	11.9	11.6	10.9	9.9	9.2	8.2	8.3	8.3	7.5	6.7	5.9
-87.5°	4.4	4.2	4.0	3.7	3.9	4.1	4.1	4.1	3.7	3.4	2.9
-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: P559251 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-WR-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°	2.5	2.1	1.7	1.3	0.9	0.4	0.0
85°	5.1	4.2	3.4	2.6	1.7	0.9	0.0
82.5°	7.6	6.3	5.1	3.8	2.6	1.3	0.0
80°	10.7	8.4	6.8	5.1	3.4	1.7	0.0
77.5°	18.0	11.6	8.4	6.3	4.2	2.1	0.0
75°	25.1	16.8	10.4	7.6	5.1	2.5	0.0
72.5°	32.0	21.8	13.8	8.8	5.9	2.9	0.0
70°	39.3	26.6	17.1	10.2	6.7	3.4	0.0
67.5°	51.3	31.2	20.2	12.1	7.5	3.7	0.0
65°	62.5	37.3	23.2	14.0	8.3	4.1	0.0
62.5°	72.9	44.6	26.0	15.8	9.0	4.5	0.0
60°	82.5	51.4	28.7	17.5	9.8	4.9	0.0
57.5°	92.1	57.5	32.7	19.0	10.8	5.3	0.0
55°	100.6	62.9	36.3	20.5	11.7	5.6	0.0
52.5°	108.0	67.7	39.5	21.8	12.6	6.0	0.0
50°	114.1	72.2	42.3	23.0	13.5	6.3	0.0
47.5°	119.9	75.8	44.6	24.1	14.4	6.6	0.0
45°	129.5	78.5	46.4	25.4	15.2	6.9	0.0
42.5°	137.6	80.3	47.7	26.4	16.0	7.2	0.0
40°	144.1	81.2	48.5	27.6	16.7	7.5	0.0
37.5°	148.9	81.2	48.9	29.0	17.4	7.8	0.0
35°	152.1	83.1	48.8	30.2	18.1	8.0	0.0
32.5°	152.8	85.3	48.1	31.4	18.7	8.3	0.0
30°	149.9	86.4	46.9	32.5	19.3	8.5	0.0
27.5°	145.8	86.4	48.1	33.5	19.9	8.7	0.0
25°	140.5	85.4	49.5	34.5	20.4	8.9	0.0
22.5°	134.1	85.4	50.9	35.4	20.8	9.1	0.0
20°	126.7	89.4	52.2	36.1	21.2	9.2	0.0
17.5°	125.4	92.9	53.4	36.8	21.6	9.3	0.0
15°	127.9	95.9	54.5	37.4	21.9	9.5	0.0
12.5°	130.2	98.5	55.5	37.9	22.2	9.6	0.0
10°	132.2	100.6	56.3	38.4	22.4	9.7	0.0
7.5°	133.8	102.2	57.1	38.7	22.6	9.7	0.0
5°	135.2	103.3	57.7	38.9	22.7	9.8	0.0
2.5°	136.2	104.0	58.2	39.1	22.8	9.8	0.0
0°	136.8	104.2	58.6	39.1	22.8	9.8	0.0
-2.5°	136.2	104.0	58.2	39.1	22.8	9.8	0.0
-5°	135.2	103.3	57.7	38.9	22.7	9.8	0.0
-7.5°	133.8	102.2	57.1	38.7	22.6	9.7	0.0
-10°	132.2	100.6	56.3	38.4	22.4	9.7	0.0
-12.5°	130.2	98.5	55.5	37.9	22.2	9.6	0.0
-15°	127.9	95.9	54.5	37.4	21.9	9.5	0.0
-17.5°	125.4	92.9	53.4	36.8	21.6	9.3	0.0
-20°	126.7	89.4	52.2	36.1	21.2	9.2	0.0



REPORT NUMBER: P559251 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	134.1	85.4	50.9	35.4	20.8	9.1	0.0
-25°	140.5	85.4	49.5	34.5	20.4	8.9	0.0
-27.5°	145.8	86.4	48.1	33.5	19.9	8.7	0.0
-30°	149.9	86.4	46.9	32.5	19.3	8.5	0.0
-32.5°	152.8	85.3	48.1	31.4	18.7	8.3	0.0
-35°	152.1	83.1	48.8	30.2	18.1	8.0	0.0
-37.5°	148.9	81.2	48.9	29.0	17.4	7.8	0.0
-40°	144.1	81.2	48.5	27.6	16.7	7.5	0.0
-42.5°	137.6	80.3	47.7	26.4	16.0	7.2	0.0
-45°	129.5	78.5	46.4	25.4	15.2	6.9	0.0
-47.5°	119.9	75.8	44.6	24.1	14.4	6.6	0.0
-50°	114.1	72.2	42.3	23.0	13.5	6.3	0.0
-52.5°	108.0	67.7	39.5	21.8	12.6	6.0	0.0
-55°	100.6	62.9	36.3	20.5	11.7	5.6	0.0
-57.5°	92.1	57.5	32.7	19.0	10.8	5.3	0.0
-60°	82.5	51.4	28.7	17.5	9.8	4.9	0.0
-62.5°	72.9	44.6	26.0	15.8	9.0	4.5	0.0
-65°	62.5	37.3	23.2	14.0	8.3	4.1	0.0
-67.5°	51.3	31.2	20.2	12.1	7.5	3.7	0.0
-70°	39.3	26.6	17.1	10.2	6.7	3.4	0.0
-72.5°	32.0	21.8	13.8	8.8	5.9	2.9	0.0
-75°	25.1	16.8	10.4	7.6	5.1	2.5	0.0
-77.5°	18.0	11.6	8.4	6.3	4.2	2.1	0.0
-80°	10.7	8.4	6.8	5.1	3.4	1.7	0.0
-82.5°	7.6	6.3	5.1	3.8	2.6	1.3	0.0
-85°	5.1	4.2	3.4	2.6	1.7	0.9	0.0
-87.5°	2.5	2.1	1.7	1.3	0.9	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)