

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: P559087 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-935-U-NR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559087 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-3)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA5D-935-U-NR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQUARE, NARROW SYMMETRICAL ROUND N3
Light Source: (80) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

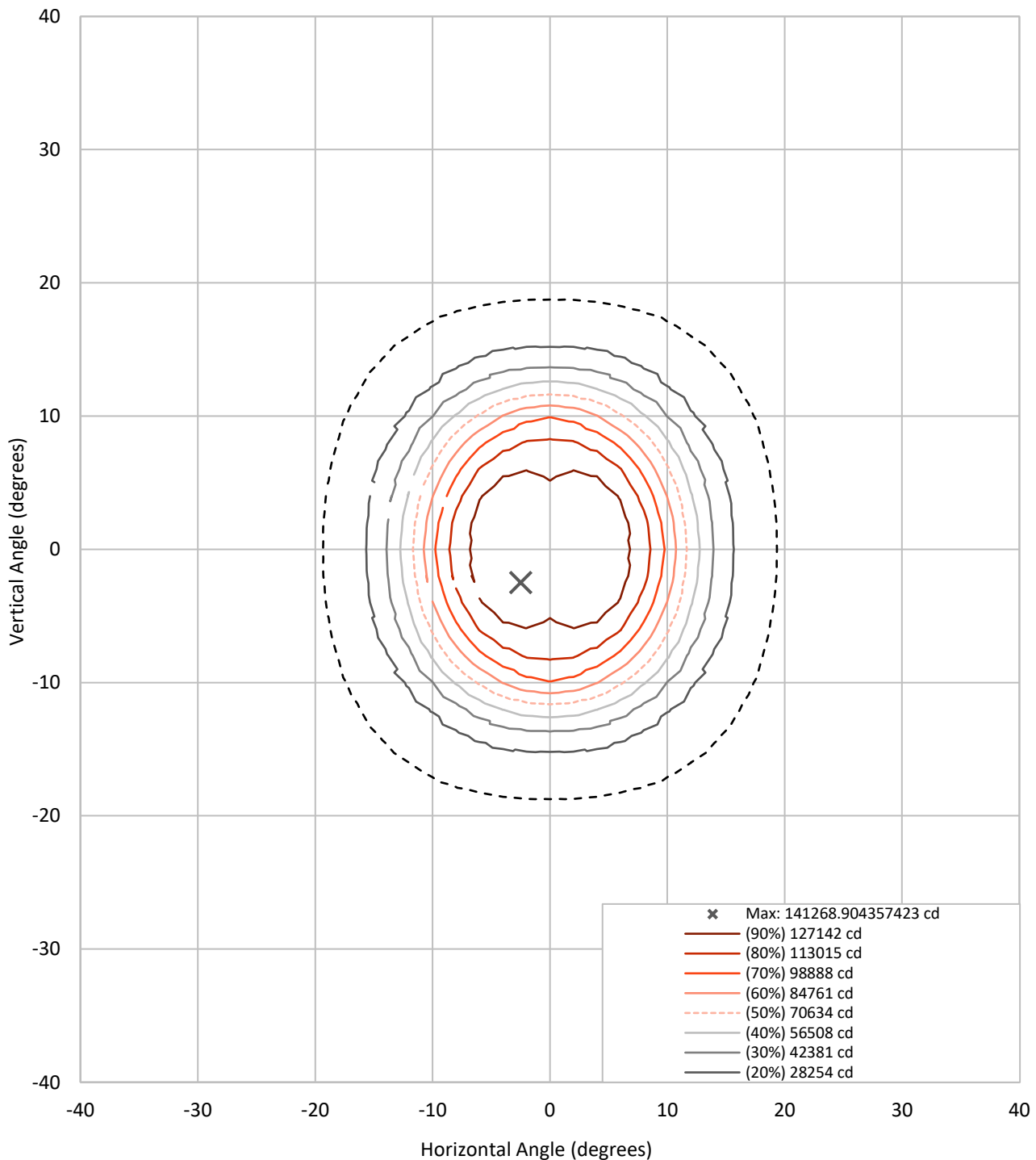
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	26713.8 lumens	Max Intensity:	141268.9 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	100.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	14421.9 lumens	Field Lumens:	21749 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 266
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: P559087 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-935-U-NR-XX

Iso-Candela Plot





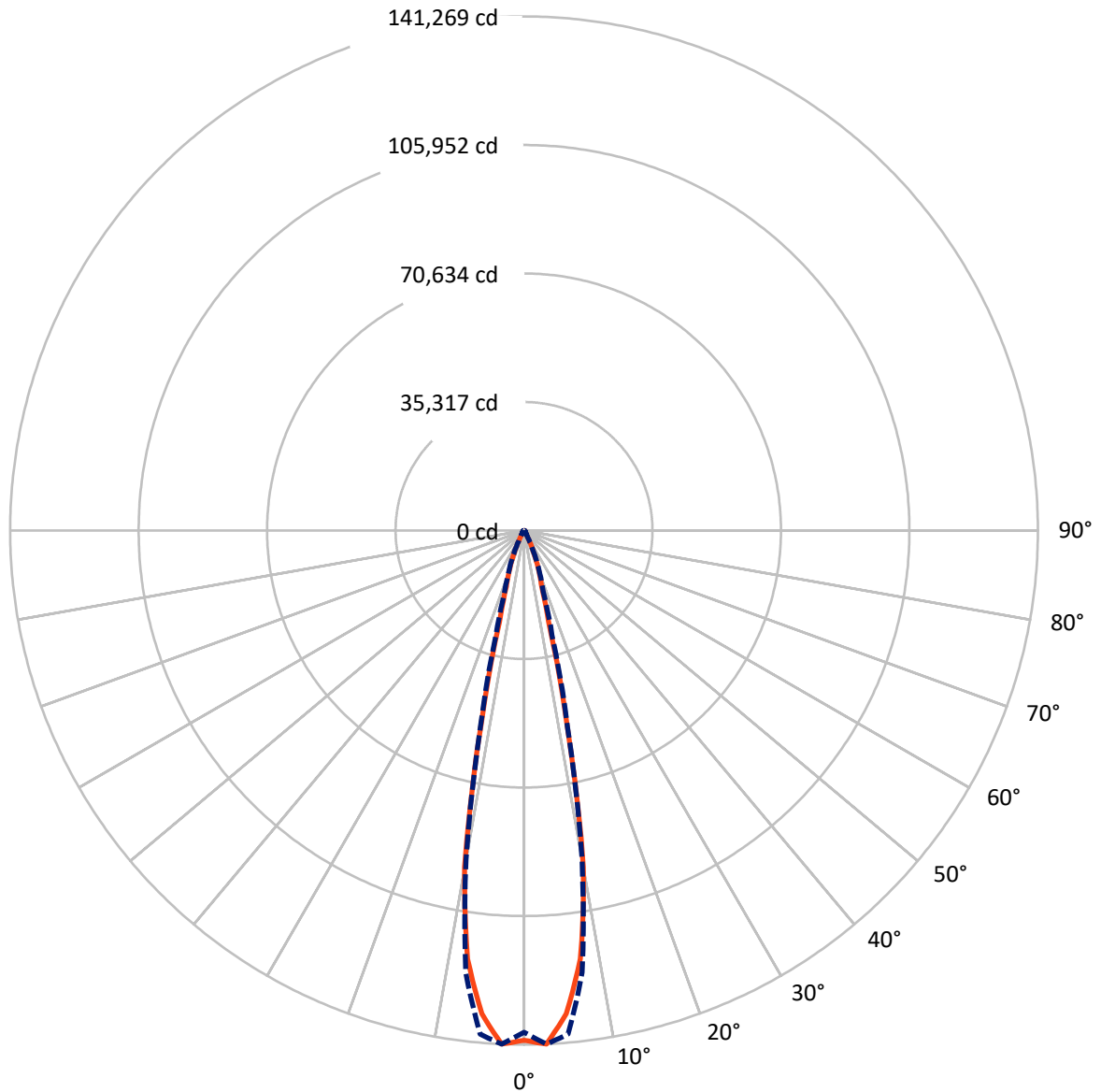
REPORT NUMBER: P559087 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-935-U-NR-XX

Lumen Table

90	0.3		2.7		7.2		11.5		13.4		11.5		7.2		2.7		0.3		
80	0.3		2.7		7.2		11.5		13.4		11.5		7.2		2.7		0.3		
70	1.3	1.4	2.9	4.7	6.4	8.0	9.1	9.7	9.7	9.1	8.0	6.4	4.7	2.9	1.4	1.3			
60		2.1	4.2	6.7	8.8	10.5	11.7	12.2	12.2	11.7	10.5	8.8	6.7	4.2	2.1				
50	2.3	2.8	5.4	8.0	10.3	12.6	14.5	15.3	15.3	14.5	12.6	10.3	8.0	5.4	2.8	2.3			
40		3.3	6.2	9.0	12.2	16.6	21.8	26.2	26.2	21.8	16.6	12.2	9.0	6.2	3.3				
30	3.0	3.7	6.8	10.0	15.1	27.3	82.1	159.8	159.8	82.1	27.3	15.1	10.0	6.8	3.7	3.0			
20		4.0	7.0	10.6	18.9	81.0	374.0	961.7	961.7	374.0	81.0	18.9	10.6	7.0	4.0				
10	3.2	4.1	7.2	11.1	22.6	157.8	973.9	3440.7	3440.7	973.9	157.8	22.6	11.1	7.2	4.1	3.2			
0		4.1	7.2	11.1	22.6	157.8	973.9	3440.7	3440.7	973.9	157.8	22.6	11.1	7.2	4.1				
-10	3.0	4.0	7.0	10.6	18.9	81.0	374.0	961.7	961.7	374.0	81.0	18.9	10.6	7.0	4.0	3.0			
-20		3.7	6.8	10.0	15.1	27.3	82.1	159.8	159.8	82.1	27.3	15.1	10.0	6.8	3.7				
-30	2.3	3.3	6.2	9.0	12.2	16.6	21.8	26.2	26.2	21.8	16.6	12.2	9.0	6.2	3.3	2.3			
-40		2.8	5.4	8.0	10.3	12.6	14.5	15.3	15.3	14.5	12.6	10.3	8.0	5.4	2.8				
-50	1.3	2.1	4.2	6.7	8.8	10.5	11.7	12.2	12.2	11.7	10.5	8.8	6.7	4.2	2.1	1.3			
-60		1.4	2.9	4.7	6.4	8.0	9.1	9.7	9.7	9.1	8.0	6.4	4.7	2.9	1.4				
-70	0.3		2.7		7.2		11.5		13.4		11.5		7.2		2.7		0.3		
-80	0.3		2.7		7.2		11.5		13.4		11.5		7.2		2.7		0.3		
-90	0.3		2.7		7.2		11.5		13.4		11.5		7.2		2.7		0.3		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P559087 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-935-U-NR-XX

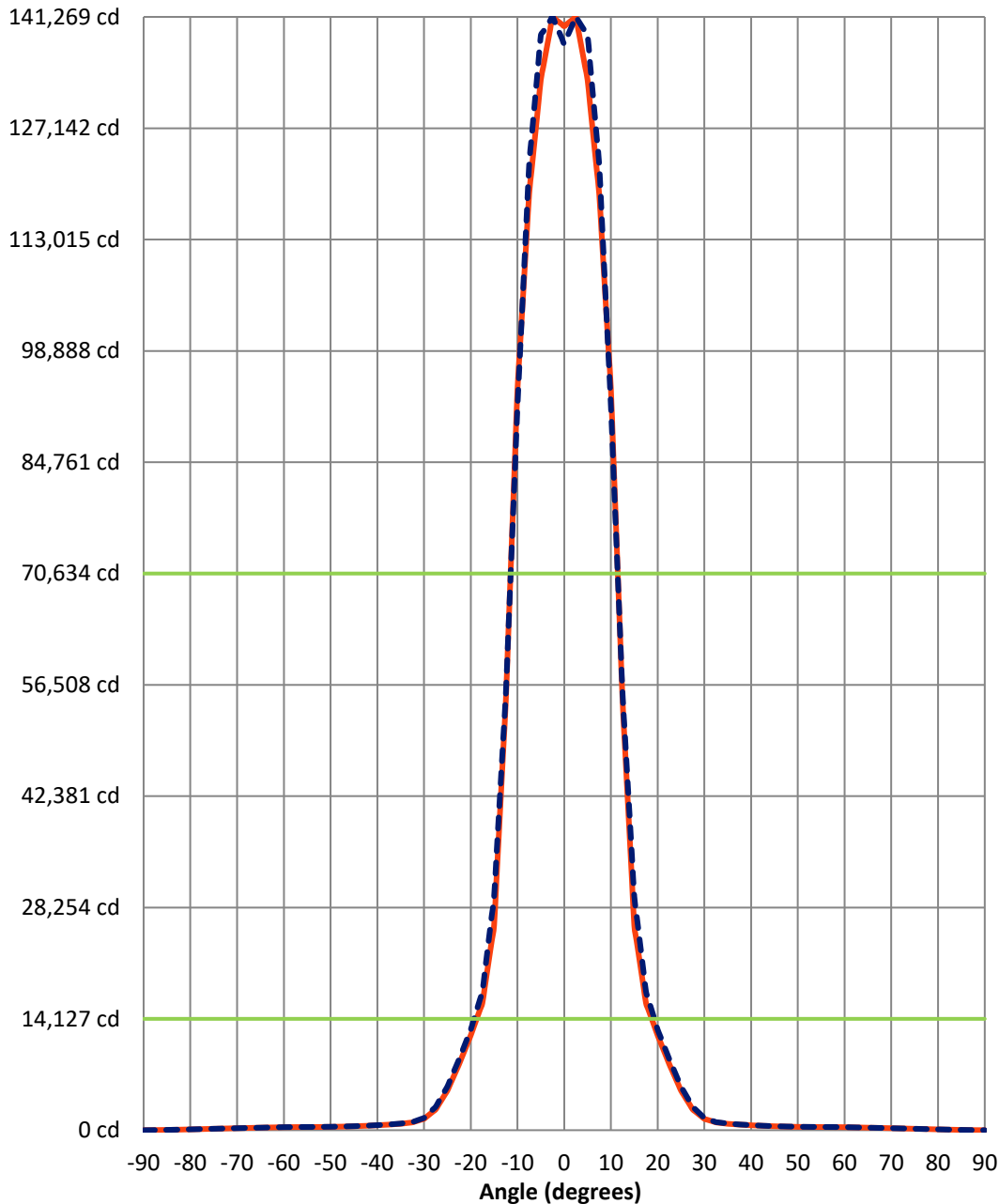
Luminous Intensity Polar Plot



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

REPORT NUMBER: P559087 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-935-U-NR-XX

Luminous Intensity Plot



Beam:
 H Angle: 22.9°
 V Angle: 22.9°
 Lumens: 14421.9
 Efficiency: 54.0%

Field:
 H Angle: 38.6°
 V Angle: 37.5°
 Lumens: 21749
 Efficiency: 81.4%

Spill:
 Lumens: 4964.8
 Efficiency: 18.6%

- Vertical Distribution through -2.5-Deg
- - - Horizontal Distribution through -2.5-Deg



REPORT NUMBER: P559087 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-935-U-NR-XX

FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.7	1.3	2.0	2.6	3.2	3.9	4.5	5.1	5.7	6.3
85°	0.0	1.3	2.6	3.9	5.2	6.5	7.8	9.0	10.2	11.5	12.7
82.5°	0.0	2.0	3.9	5.9	7.8	9.7	11.6	13.5	15.6	18.5	21.6
80°	0.0	2.6	5.2	7.8	10.4	12.9	15.7	19.5	23.6	27.7	32.0
77.5°	0.0	3.2	6.5	9.7	12.9	16.7	21.4	26.3	31.5	36.8	42.6
75°	0.0	3.9	7.8	11.6	15.7	21.6	27.1	33.1	39.5	46.9	54.0
72.5°	0.0	4.5	9.0	13.5	19.7	26.5	32.8	40.2	49.0	57.4	65.3
70°	0.0	5.1	10.2	15.6	23.6	31.3	38.7	48.6	58.4	67.8	78.8
67.5°	0.0	5.7	11.5	18.6	27.5	36.0	45.9	56.9	67.8	80.4	92.7
65°	0.0	6.3	12.7	21.5	31.4	41.3	53.0	65.1	78.8	92.7	106.7
62.5°	0.0	6.9	13.8	24.4	35.2	47.0	60.0	74.2	89.6	105.1	121.2
60°	0.0	7.5	15.0	27.2	38.9	52.6	66.7	83.5	100.3	117.9	135.4
57.5°	0.0	8.1	16.8	30.0	43.1	58.0	74.4	92.6	111.2	130.4	149.3
55°	0.0	8.6	18.7	32.7	47.3	63.2	82.0	101.4	122.1	142.6	162.8
52.5°	0.0	9.1	20.4	35.4	51.3	68.5	89.4	110.7	132.7	154.5	176.0
50°	0.0	9.6	22.1	38.0	55.2	74.4	96.5	119.7	142.9	166.0	189.2
47.5°	0.0	10.1	23.8	40.5	58.9	80.2	103.5	128.6	152.8	177.1	202.2
45°	0.0	10.6	25.3	43.2	62.5	85.7	110.8	137.1	162.5	188.5	214.8
42.5°	0.0	11.1	26.8	45.7	65.9	91.0	117.9	145.3	171.8	199.5	226.1
40°	0.0	11.5	28.3	48.1	69.5	96.0	124.7	153.1	180.8	210.2	236.7
37.5°	0.0	11.9	29.6	50.4	73.3	100.8	131.2	160.5	189.7	219.8	246.6
35°	0.0	12.3	30.9	52.5	77.0	105.7	137.4	167.5	198.1	228.2	256.2
32.5°	0.0	12.6	32.2	54.5	80.4	110.6	143.2	174.1	205.9	236.0	265.4
30°	0.0	13.0	33.3	56.4	83.5	115.2	148.5	180.4	213.2	243.4	273.8
27.5°	0.0	13.3	34.3	58.1	86.6	119.4	153.5	186.3	219.6	250.2	281.4
25°	0.0	13.6	35.3	59.7	89.4	123.4	158.0	191.7	225.2	256.5	288.2
22.5°	0.0	13.9	36.2	61.2	92.1	127.0	162.2	196.6	230.3	262.1	294.1
20°	0.0	14.1	37.0	62.5	94.5	130.3	166.0	201.0	234.9	267.0	299.4
17.5°	0.0	14.3	37.7	63.7	96.7	133.1	169.3	204.9	238.9	271.2	304.1
15°	0.0	14.5	38.3	64.7	98.6	135.6	172.1	208.2	242.5	274.7	308.0
12.5°	0.0	14.6	38.8	65.5	100.3	137.7	174.4	211.0	245.5	277.6	311.3
10°	0.0	14.8	39.2	66.2	101.8	139.4	176.4	213.3	248.0	280.5	314.0
7.5°	0.0	14.9	39.6	66.8	103.0	140.7	177.9	215.1	249.9	283.0	316.0
5°	0.0	14.9	39.8	67.2	103.9	141.7	179.0	216.4	251.3	285.0	317.1
2.5°	0.0	15.0	40.0	67.4	104.5	142.2	179.7	217.1	252.1	286.5	317.6
0°	0.0	15.0	40.0	67.5	104.9	142.4	179.9	217.4	252.4	287.3	317.3
-2.5°	0.0	15.0	40.0	67.4	104.5	142.2	179.7	217.1	252.1	286.5	317.6
-5°	0.0	14.9	39.8	67.2	103.9	141.7	179.0	216.4	251.3	285.0	317.1
-7.5°	0.0	14.9	39.6	66.8	103.0	140.7	177.9	215.1	249.9	283.0	316.0
-10°	0.0	14.8	39.2	66.2	101.8	139.4	176.4	213.3	248.0	280.5	314.0
-12.5°	0.0	14.6	38.8	65.5	100.3	137.7	174.4	211.0	245.5	277.6	311.3
-15°	0.0	14.5	38.3	64.7	98.6	135.6	172.1	208.2	242.5	274.7	308.0
-17.5°	0.0	14.3	37.7	63.7	96.7	133.1	169.3	204.9	238.9	271.2	304.1
-20°	0.0	14.1	37.0	62.5	94.5	130.3	166.0	201.0	234.9	267.0	299.4



REPORT NUMBER: P559087 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-935-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	13.9	36.2	61.2	92.1	127.0	162.2	196.6	230.3	262.1	294.1
-25°	0.0	13.6	35.3	59.7	89.4	123.4	158.0	191.7	225.2	256.5	288.2
-27.5°	0.0	13.3	34.3	58.1	86.6	119.4	153.5	186.3	219.6	250.2	281.4
-30°	0.0	13.0	33.3	56.4	83.5	115.2	148.5	180.4	213.2	243.4	273.8
-32.5°	0.0	12.6	32.2	54.5	80.4	110.6	143.2	174.1	205.9	236.0	265.4
-35°	0.0	12.3	30.9	52.5	77.0	105.7	137.4	167.5	198.1	228.2	256.2
-37.5°	0.0	11.9	29.6	50.4	73.3	100.8	131.2	160.5	189.7	219.8	246.6
-40°	0.0	11.5	28.3	48.1	69.5	96.0	124.7	153.1	180.8	210.2	236.7
-42.5°	0.0	11.1	26.8	45.7	65.9	91.0	117.9	145.3	171.8	199.5	226.1
-45°	0.0	10.6	25.3	43.2	62.5	85.7	110.8	137.1	162.5	188.5	214.8
-47.5°	0.0	10.1	23.8	40.5	58.9	80.2	103.5	128.6	152.8	177.1	202.2
-50°	0.0	9.6	22.1	38.0	55.2	74.4	96.5	119.7	142.9	166.0	189.2
-52.5°	0.0	9.1	20.4	35.4	51.3	68.5	89.4	110.7	132.7	154.5	176.0
-55°	0.0	8.6	18.7	32.7	47.3	63.2	82.0	101.4	122.1	142.6	162.8
-57.5°	0.0	8.1	16.8	30.0	43.1	58.0	74.4	92.6	111.2	130.4	149.3
-60°	0.0	7.5	15.0	27.2	38.9	52.6	66.7	83.5	100.3	117.9	135.4
-62.5°	0.0	6.9	13.8	24.4	35.2	47.0	60.0	74.2	89.6	105.1	121.2
-65°	0.0	6.3	12.7	21.5	31.4	41.3	53.0	65.1	78.8	92.7	106.7
-67.5°	0.0	5.7	11.5	18.6	27.5	36.0	45.9	56.9	67.8	80.4	92.7
-70°	0.0	5.1	10.2	15.6	23.6	31.3	38.7	48.6	58.4	67.8	78.8
-72.5°	0.0	4.5	9.0	13.5	19.7	26.5	32.8	40.2	49.0	57.4	65.3
-75°	0.0	3.9	7.8	11.6	15.7	21.6	27.1	33.1	39.5	46.9	54.0
-77.5°	0.0	3.2	6.5	9.7	12.9	16.7	21.4	26.3	31.5	36.8	42.6
-80°	0.0	2.6	5.2	7.8	10.4	12.9	15.7	19.5	23.6	27.7	32.0
-82.5°	0.0	2.0	3.9	5.9	7.8	9.7	11.6	13.5	15.6	18.5	21.6
-85°	0.0	1.3	2.6	3.9	5.2	6.5	7.8	9.0	10.2	11.5	12.7
-87.5°	0.0	0.7	1.3	2.0	2.6	3.2	3.9	4.5	5.1	5.7	6.3
-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: P559087 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-935-U-NR-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°	6.9	7.5	8.1	8.6	9.1	9.6	10.1	10.6	11.1	11.5	11.9
85°	13.8	15.0	16.7	18.3	19.7	21.1	22.2	23.3	24.8	26.3	27.8
82.5°	24.3	26.8	29.1	31.2	33.1	34.7	36.4	38.9	42.1	45.1	47.7
80°	35.5	38.7	42.4	46.2	50.0	53.9	57.8	61.7	65.2	68.4	71.9
77.5°	47.8	52.8	57.9	63.1	68.5	74.4	80.2	85.7	90.8	95.8	100.8
75°	60.4	66.8	74.4	82.0	89.4	96.5	103.5	110.6	117.4	123.9	130.1
72.5°	74.2	83.5	92.6	101.4	111.1	120.3	128.9	136.9	145.1	153.5	161.2
70°	89.6	100.3	111.6	123.2	134.5	144.7	154.8	165.2	175.5	184.4	192.1
67.5°	105.1	118.2	131.4	144.6	157.0	168.8	180.9	192.5	203.2	212.4	221.2
65°	121.2	136.0	150.5	164.7	178.5	192.5	205.8	218.2	229.7	240.2	250.1
62.5°	137.1	153.2	169.0	184.7	200.8	216.2	230.1	243.3	256.0	267.1	277.8
60°	152.6	170.0	187.4	205.0	222.5	238.6	253.5	267.2	280.2	292.6	303.6
57.5°	167.9	186.5	205.5	224.4	242.7	260.3	275.3	289.9	303.2	315.8	327.3
55°	182.8	202.5	222.9	242.9	262.1	280.0	296.2	310.9	325.0	336.5	347.5
52.5°	197.6	218.3	239.7	260.5	280.0	298.6	315.5	330.3	343.2	355.0	364.7
50°	212.1	233.8	255.8	276.8	297.0	315.9	332.9	347.2	359.4	370.3	379.4
47.5°	225.8	248.6	270.4	292.3	312.8	331.5	348.2	361.6	373.7	383.4	391.9
45°	238.7	262.4	285.1	306.5	327.3	345.9	361.3	374.8	385.8	395.6	404.3
42.5°	251.0	275.8	298.8	320.2	340.6	358.5	373.6	386.2	397.4	407.1	416.6
40°	262.8	288.7	311.9	333.0	353.0	370.0	384.1	397.0	408.0	418.9	429.3
37.5°	274.3	300.5	324.6	346.0	363.6	380.1	394.1	406.8	419.3	431.2	445.1
35°	285.3	311.9	336.2	357.2	374.6	389.0	403.3	417.2	431.5	446.6	462.9
32.5°	295.5	322.9	347.4	366.8	383.0	397.5	412.4	429.0	446.1	463.3	483.2
30°	304.6	332.7	357.4	375.6	390.6	405.1	422.6	441.7	461.7	481.5	504.6
27.5°	312.6	342.0	365.1	382.6	397.3	411.3	430.8	455.5	477.1	498.3	523.9
25°	319.9	349.5	372.0	388.5	402.4	417.3	437.6	463.0	490.3	513.3	549.0
22.5°	326.2	356.2	378.5	393.8	406.3	422.4	443.0	468.0	496.1	525.1	574.6
20°	331.6	361.1	383.9	398.2	409.3	426.1	446.0	471.5	502.7	544.7	599.4
17.5°	336.4	366.1	388.0	401.2	412.9	428.8	447.0	473.6	509.9	562.3	622.3
15°	340.5	370.9	391.5	403.7	415.8	431.4	451.2	478.9	520.7	578.6	643.3
12.5°	343.9	375.6	394.3	405.7	417.6	433.4	455.6	487.3	533.6	594.9	666.4
10°	346.5	379.9	396.6	407.3	418.6	434.7	459.4	493.8	544.3	609.9	686.9
7.5°	348.9	383.3	398.3	408.4	418.8	435.4	462.5	498.5	552.1	622.4	704.1
5°	350.8	385.5	400.0	409.2	418.6	435.6	464.9	501.5	557.1	631.7	716.9
2.5°	351.9	386.9	401.3	409.7	418.1	435.5	466.7	506.3	563.1	638.7	724.6
0°	352.3	387.3	402.3	409.8	417.3	434.8	467.3	509.7	567.2	642.2	727.1
-2.5°	351.9	386.9	401.3	409.7	418.1	435.5	466.7	506.3	563.1	638.7	724.6
-5°	350.8	385.5	400.0	409.2	418.6	435.6	464.9	501.5	557.1	631.7	716.9
-7.5°	348.9	383.3	398.3	408.4	418.8	435.4	462.5	498.5	552.1	622.4	704.1
-10°	346.5	379.9	396.6	407.3	418.6	434.7	459.4	493.8	544.3	609.9	686.9
-12.5°	343.9	375.6	394.3	405.7	417.6	433.4	455.6	487.3	533.6	594.9	666.4
-15°	340.5	370.9	391.5	403.7	415.8	431.4	451.2	478.9	520.7	578.6	643.3
-17.5°	336.4	366.1	388.0	401.2	412.9	428.8	447.0	473.6	509.9	562.3	622.3
-20°	331.6	361.1	383.9	398.2	409.3	426.1	446.0	471.5	502.7	544.7	599.4



REPORT NUMBER: P559087 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-935-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	326.2	356.2	378.5	393.8	406.3	422.4	443.0	468.0	496.1	525.1	574.6
-25°	319.9	349.5	372.0	388.5	402.4	417.3	437.6	463.0	490.3	513.3	549.0
-27.5°	312.6	342.0	365.1	382.6	397.3	411.3	430.8	455.5	477.1	498.3	523.9
-30°	304.6	332.7	357.4	375.6	390.6	405.1	422.6	441.7	461.7	481.5	504.6
-32.5°	295.5	322.9	347.4	366.8	383.0	397.5	412.4	429.0	446.1	463.3	483.2
-35°	285.3	311.9	336.2	357.2	374.6	389.0	403.3	417.2	431.5	446.6	462.9
-37.5°	274.3	300.5	324.6	346.0	363.6	380.1	394.1	406.8	419.3	431.2	445.1
-40°	262.8	288.7	311.9	333.0	353.0	370.0	384.1	397.0	408.0	418.9	429.3
-42.5°	251.0	275.8	298.8	320.2	340.6	358.5	373.6	386.2	397.4	407.1	416.6
-45°	238.7	262.4	285.1	306.5	327.3	345.9	361.3	374.8	385.8	395.6	404.3
-47.5°	225.8	248.6	270.4	292.3	312.8	331.5	348.2	361.6	373.7	383.4	391.9
-50°	212.1	233.8	255.8	276.8	297.0	315.9	332.9	347.2	359.4	370.3	379.4
-52.5°	197.6	218.3	239.7	260.5	280.0	298.6	315.5	330.3	343.2	355.0	364.7
-55°	182.8	202.5	222.9	242.9	262.1	280.0	296.2	310.9	325.0	336.5	347.5
-57.5°	167.9	186.5	205.5	224.4	242.7	260.3	275.3	289.9	303.2	315.8	327.3
-60°	152.6	170.0	187.4	205.0	222.5	238.6	253.5	267.2	280.2	292.6	303.6
-62.5°	137.1	153.2	169.0	184.7	200.8	216.2	230.1	243.3	256.0	267.1	277.8
-65°	121.2	136.0	150.5	164.7	178.5	192.5	205.8	218.2	229.7	240.2	250.1
-67.5°	105.1	118.2	131.4	144.6	157.0	168.8	180.9	192.5	203.2	212.4	221.2
-70°	89.6	100.3	111.6	123.2	134.5	144.7	154.8	165.2	175.5	184.4	192.1
-72.5°	74.2	83.5	92.6	101.4	111.1	120.3	128.9	136.9	145.1	153.5	161.2
-75°	60.4	66.8	74.4	82.0	89.4	96.5	103.5	110.6	117.4	123.9	130.1
-77.5°	47.8	52.8	57.9	63.1	68.5	74.4	80.2	85.7	90.8	95.8	100.8
-80°	35.5	38.7	42.4	46.2	50.0	53.9	57.8	61.7	65.2	68.4	71.9
-82.5°	24.3	26.8	29.1	31.2	33.1	34.7	36.4	38.9	42.1	45.1	47.7
-85°	13.8	15.0	16.7	18.3	19.7	21.1	22.2	23.3	24.8	26.3	27.8
-87.5°	6.9	7.5	8.1	8.6	9.1	9.6	10.1	10.6	11.1	11.5	11.9
-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: P559087 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-935-U-NR-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°	12.3	12.1	11.9	11.6	11.3	12.1	12.9	13.7	14.5	14.6	14.8
85°	29.3	30.3	31.1	32.0	32.8	33.8	34.6	35.4	36.0	37.0	38.0
82.5°	50.0	52.0	53.9	55.6	57.2	59.1	61.0	62.7	64.4	65.4	66.2
80°	75.2	78.6	81.7	84.4	86.8	89.7	92.6	95.2	97.5	99.1	100.3
77.5°	105.6	109.8	113.7	117.4	121.0	124.3	127.2	129.6	131.4	133.7	135.8
75°	136.0	141.6	147.0	151.7	156.0	159.7	163.1	166.3	169.1	171.7	173.8
72.5°	168.3	174.7	180.4	185.7	190.6	195.5	200.0	204.1	207.6	210.6	213.0
70°	199.4	206.3	213.2	219.8	225.8	231.2	236.1	240.5	244.3	247.5	250.2
67.5°	229.5	237.3	245.2	252.5	259.0	264.8	270.3	275.4	280.0	283.6	286.0
65°	259.3	268.1	276.5	284.0	290.6	296.6	302.9	308.3	312.9	316.3	318.5
62.5°	288.3	297.8	305.9	313.7	321.2	327.6	332.9	337.8	342.4	346.1	348.4
60°	314.1	324.0	332.0	339.4	346.2	352.4	357.7	362.9	367.7	372.0	375.3
57.5°	337.0	346.2	354.4	361.0	367.1	372.7	377.8	382.1	385.5	388.1	390.3
55°	357.0	365.2	372.9	379.3	384.7	389.2	393.0	396.0	398.4	400.1	401.4
52.5°	374.0	381.6	389.1	395.5	399.6	403.3	406.6	410.2	412.3	412.6	412.5
50°	387.7	395.7	402.5	408.2	413.8	420.1	426.7	429.9	431.2	430.3	429.2
47.5°	400.2	408.1	415.5	422.5	430.7	441.2	451.9	457.0	456.6	454.3	453.2
45°	412.6	421.1	429.8	440.6	452.0	465.6	478.1	485.9	486.0	486.3	488.1
42.5°	425.3	436.0	447.9	462.6	477.5	492.8	506.1	515.9	523.1	532.0	539.4
40°	441.2	453.1	470.8	488.9	508.4	524.8	545.4	563.1	577.6	590.8	600.9
37.5°	459.7	476.7	499.2	522.6	547.8	573.3	597.4	619.9	639.0	660.9	677.2
35°	481.9	506.1	533.6	562.8	594.3	626.5	657.5	693.3	724.8	752.9	775.9
32.5°	507.9	537.2	570.8	609.6	648.9	691.5	736.1	782.1	826.4	872.7	918.8
30°	534.0	572.7	615.6	662.7	708.8	764.5	822.5	897.8	976.7	1066.7	1205.0
27.5°	565.7	612.0	661.9	716.1	779.5	850.8	962.5	1101.7	1339.2	1516.6	1993.3
25°	596.9	649.6	713.8	784.0	869.3	999.5	1266.7	1576.0	2264.5	2909.1	3653.8
22.5°	628.4	694.1	771.0	856.7	1004.8	1340.1	1849.2	2781.4	3845.0	4974.0	6123.9
20°	660.2	737.6	833.8	977.0	1287.1	1860.7	3003.4	4501.3	6012.7	7859.1	9455.7
17.5°	695.9	791.9	917.7	1133.0	1644.1	2873.0	4563.2	6641.8	8980.6	11354.3	13347.3
15°	725.5	837.9	1006.4	1427.3	2392.0	4022.5	6234.3	9051.9	12241.0	15241.8	17801.4
12.5°	758.1	888.9	1110.6	1666.0	3082.1	5225.9	8140.7	11607.9	15433.7	19545.4	26055.8
10°	788.2	940.3	1285.3	2161.6	3877.7	6441.8	9847.8	13754.6	18394.4	26626.8	42016.1
7.5°	813.6	981.0	1416.7	2531.0	4597.7	7588.9	11239.6	15590.1	22565.9	36396.7	62293.4
5°	830.9	1008.1	1508.1	2807.5	5171.2	8435.1	12129.3	16798.9	26821.8	48339.3	79521.4
2.5°	843.0	1022.7	1556.8	2968.7	5534.0	8995.3	12759.7	17612.2	29679.1	55247.2	91780.9
0°	852.0	1027.0	1566.7	3108.4	5657.0	9185.1	12790.7	17830.6	30658.8	57944.3	96149.1
-2.5°	843.0	1022.7	1556.8	2968.7	5534.0	8995.3	12759.7	17612.2	29679.1	55247.2	91780.9
-5°	830.9	1008.1	1508.1	2807.5	5171.2	8435.1	12129.3	16798.9	26821.8	48339.3	79521.4
-7.5°	813.6	981.0	1416.7	2531.0	4597.7	7588.9	11239.6	15590.1	22565.9	36396.7	62293.4
-10°	788.2	940.3	1285.3	2161.6	3877.7	6441.8	9847.8	13754.6	18394.4	26626.8	42016.1
-12.5°	758.1	888.9	1110.6	1666.0	3082.1	5225.9	8140.7	11607.9	15433.7	19545.4	26055.8
-15°	725.5	837.9	1006.4	1427.3	2392.0	4022.5	6234.3	9051.9	12241.0	15241.8	17801.4
-17.5°	695.9	791.9	917.7	1133.0	1644.1	2873.0	4563.2	6641.8	8980.6	11354.3	13347.3
-20°	660.2	737.6	833.8	977.0	1287.1	1860.7	3003.4	4501.3	6012.7	7859.1	9455.7



REPORT NUMBER: P559087 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-935-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	628.4	694.1	771.0	856.7	1004.8	1340.1	1849.2	2781.4	3845.0	4974.0	6123.9
-25°	596.9	649.6	713.8	784.0	869.3	999.5	1266.7	1576.0	2264.5	2909.1	3653.8
-27.5°	565.7	612.0	661.9	716.1	779.5	850.8	962.5	1101.7	1339.2	1516.6	1993.3
-30°	534.0	572.7	615.6	662.7	708.8	764.5	822.5	897.8	976.7	1066.7	1205.0
-32.5°	507.9	537.2	570.8	609.6	648.9	691.5	736.1	782.1	826.4	872.7	918.8
-35°	481.9	506.1	533.6	562.8	594.3	626.5	657.5	693.3	724.8	752.9	775.9
-37.5°	459.7	476.7	499.2	522.6	547.8	573.3	597.4	619.9	639.0	660.9	677.2
-40°	441.2	453.1	470.8	488.9	508.4	524.8	545.4	563.1	577.6	590.8	600.9
-42.5°	425.3	436.0	447.9	462.6	477.5	492.8	506.1	515.9	523.1	532.0	539.4
-45°	412.6	421.1	429.8	440.6	452.0	465.6	478.1	485.9	486.0	486.3	488.1
-47.5°	400.2	408.1	415.5	422.5	430.7	441.2	451.9	457.0	456.6	454.3	453.2
-50°	387.7	395.7	402.5	408.2	413.8	420.1	426.7	429.9	431.2	430.3	429.2
-52.5°	374.0	381.6	389.1	395.5	399.6	403.3	406.6	410.2	412.3	412.6	412.5
-55°	357.0	365.2	372.9	379.3	384.7	389.2	393.0	396.0	398.4	400.1	401.4
-57.5°	337.0	346.2	354.4	361.0	367.1	372.7	377.8	382.1	385.5	388.1	390.3
-60°	314.1	324.0	332.0	339.4	346.2	352.4	357.7	362.9	367.7	372.0	375.3
-62.5°	288.3	297.8	305.9	313.7	321.2	327.6	332.9	337.8	342.4	346.1	348.4
-65°	259.3	268.1	276.5	284.0	290.6	296.6	302.9	308.3	312.9	316.3	318.5
-67.5°	229.5	237.3	245.2	252.5	259.0	264.8	270.3	275.4	280.0	283.6	286.0
-70°	199.4	206.3	213.2	219.8	225.8	231.2	236.1	240.5	244.3	247.5	250.2
-72.5°	168.3	174.7	180.4	185.7	190.6	195.5	200.0	204.1	207.6	210.6	213.0
-75°	136.0	141.6	147.0	151.7	156.0	159.7	163.1	166.3	169.1	171.7	173.8
-77.5°	105.6	109.8	113.7	117.4	121.0	124.3	127.2	129.6	131.4	133.7	135.8
-80°	75.2	78.6	81.7	84.4	86.8	89.7	92.6	95.2	97.5	99.1	100.3
-82.5°	50.0	52.0	53.9	55.6	57.2	59.1	61.0	62.7	64.4	65.4	66.2
-85°	29.3	30.3	31.1	32.0	32.8	33.8	34.6	35.4	36.0	37.0	38.0
-87.5°	12.3	12.1	11.9	11.6	11.3	12.1	12.9	13.7	14.5	14.6	14.8
-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: P559087 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-935-U-NR-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°	14.9	14.9	15.0	15.0	15.0	14.9	14.9	14.8	14.6	14.5	13.7
85°	38.9	39.8	38.7	37.5	38.7	39.8	38.9	38.0	37.0	36.0	35.4
82.5°	66.8	67.2	67.4	67.5	67.4	67.2	66.8	66.2	65.4	64.4	62.7
80°	101.2	101.9	103.5	104.9	103.5	101.9	101.2	100.3	99.1	97.5	95.2
77.5°	137.6	139.1	139.7	139.9	139.7	139.1	137.6	135.8	133.7	131.4	129.6
75°	175.4	176.5	179.6	182.4	179.6	176.5	175.4	173.8	171.7	169.1	166.3
72.5°	214.9	216.3	218.3	219.9	218.3	216.3	214.9	213.0	210.6	207.6	204.1
70°	252.2	253.7	254.6	254.9	254.6	253.7	252.2	250.2	247.5	244.3	240.5
67.5°	287.7	288.6	288.3	287.3	288.3	288.6	287.7	286.0	283.6	280.0	275.4
65°	320.1	321.1	320.8	319.8	320.8	321.1	320.1	318.5	316.3	312.9	308.3
62.5°	350.1	351.1	351.9	352.3	351.9	351.1	350.1	348.4	346.1	342.4	337.8
60°	378.2	380.6	381.9	382.3	381.9	380.6	378.2	375.3	372.0	367.7	362.9
57.5°	392.3	393.9	394.6	394.8	394.6	393.9	392.3	390.3	388.1	385.5	382.1
55°	402.0	402.1	401.2	399.8	401.2	402.1	402.0	401.4	400.1	398.4	396.0
52.5°	411.7	410.2	409.7	409.8	409.7	410.2	411.7	412.5	412.6	412.3	410.2
50°	427.9	425.5	424.5	424.8	424.5	425.5	427.9	429.2	430.3	431.2	429.9
47.5°	454.7	455.7	456.7	457.3	456.7	455.7	454.7	453.2	454.3	456.6	457.0
45°	493.1	496.6	498.8	499.7	498.8	496.6	493.1	488.1	486.3	486.0	485.9
42.5°	546.9	551.1	552.8	552.2	552.8	551.1	546.9	539.4	532.0	523.1	515.9
40°	611.5	619.9	624.8	624.7	624.8	619.9	611.5	600.9	590.8	577.6	563.1
37.5°	691.9	703.2	708.8	707.1	708.8	703.2	691.9	677.2	660.9	639.0	619.9
35°	793.5	804.6	809.3	814.6	809.3	804.6	793.5	775.9	752.9	724.8	693.3
32.5°	955.1	977.9	986.9	974.5	986.9	977.9	955.1	918.8	872.7	826.4	782.1
30°	1298.5	1381.4	1436.9	1464.2	1436.9	1381.4	1298.5	1205.0	1066.7	976.7	897.8
27.5°	2321.3	2538.4	2630.4	2681.1	2630.4	2538.4	2321.3	1993.3	1516.6	1339.2	1101.7
25°	4291.5	4754.9	5021.6	4999.9	5021.6	4754.9	4291.5	3653.8	2909.1	2264.5	1576.0
22.5°	7192.3	7923.3	8361.8	8523.0	8361.8	7923.3	7192.3	6123.9	4974.0	3845.0	2781.4
20°	10788.5	11608.3	12036.9	12101.1	12036.9	11608.3	10788.5	9455.7	7859.1	6012.7	4501.3
17.5°	14915.8	15693.0	16144.6	16139.0	16144.6	15693.0	14915.8	13347.3	11354.3	8980.6	6641.8
15°	21287.6	24295.5	25991.7	25743.9	25991.7	24295.5	21287.6	17801.4	15241.8	12241.0	9051.9
12.5°	34881.1	46895.1	54347.4	56187.8	54347.4	46895.1	34881.1	26055.8	19545.4	15433.7	11607.9
10°	61639.5	79613.3	93967.5	98115.6	93967.5	79613.3	61639.5	42016.1	26626.8	18394.4	13754.6
7.5°	88664.5	109996.4	118775.5	119795.4	118775.5	109996.4	88664.5	62293.4	36396.7	22565.9	15590.1
5°	109063.0	130768.9	133281.3	126970.3	133281.3	130768.9	109063.0	79521.4	48339.3	26821.8	16798.9
2.5°	122527.7	138926.9	141268.9	137872.1	141268.9	138926.9	122527.7	91780.9	55247.2	29679.1	17612.2
0°	125598.5	136757.6	140084.6	140448.2	140084.6	136757.6	125598.5	96149.1	57944.3	30658.8	17830.6
-2.5°	122527.7	138926.9	141268.9	137872.1	141268.9	138926.9	122527.7	91780.9	55247.2	29679.1	17612.2
-5°	109063.0	130768.9	133281.3	126970.3	133281.3	130768.9	109063.0	79521.4	48339.3	26821.8	16798.9
-7.5°	88664.5	109996.4	118775.5	119795.4	118775.5	109996.4	88664.5	62293.4	36396.7	22565.9	15590.1
-10°	61639.5	79613.3	93967.5	98115.6	93967.5	79613.3	61639.5	42016.1	26626.8	18394.4	13754.6
-12.5°	34881.1	46895.1	54347.4	56187.8	54347.4	46895.1	34881.1	26055.8	19545.4	15433.7	11607.9
-15°	21287.6	24295.5	25991.7	25743.9	25991.7	24295.5	21287.6	17801.4	15241.8	12241.0	9051.9
-17.5°	14915.8	15693.0	16144.6	16139.0	16144.6	15693.0	14915.8	13347.3	11354.3	8980.6	6641.8
-20°	10788.5	11608.3	12036.9	12101.1	12036.9	11608.3	10788.5	9455.7	7859.1	6012.7	4501.3



REPORT NUMBER: P559087 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-935-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	7192.3	7923.3	8361.8	8523.0	8361.8	7923.3	7192.3	6123.9	4974.0	3845.0	2781.4
-25°	4291.5	4754.9	5021.6	4999.9	5021.6	4754.9	4291.5	3653.8	2909.1	2264.5	1576.0
-27.5°	2321.3	2538.4	2630.4	2681.1	2630.4	2538.4	2321.3	1993.3	1516.6	1339.2	1101.7
-30°	1298.5	1381.4	1436.9	1464.2	1436.9	1381.4	1298.5	1205.0	1066.7	976.7	897.8
-32.5°	955.1	977.9	986.9	974.5	986.9	977.9	955.1	918.8	872.7	826.4	782.1
-35°	793.5	804.6	809.3	814.6	809.3	804.6	793.5	775.9	752.9	724.8	693.3
-37.5°	691.9	703.2	708.8	707.1	708.8	703.2	691.9	677.2	660.9	639.0	619.9
-40°	611.5	619.9	624.8	624.7	624.8	619.9	611.5	600.9	590.8	577.6	563.1
-42.5°	546.9	551.1	552.8	552.2	552.8	551.1	546.9	539.4	532.0	523.1	515.9
-45°	493.1	496.6	498.8	499.7	498.8	496.6	493.1	488.1	486.3	486.0	485.9
-47.5°	454.7	455.7	456.7	457.3	456.7	455.7	454.7	453.2	454.3	456.6	457.0
-50°	427.9	425.5	424.5	424.8	424.5	425.5	427.9	429.2	430.3	431.2	429.9
-52.5°	411.7	410.2	409.7	409.8	409.7	410.2	411.7	412.5	412.6	412.3	410.2
-55°	402.0	402.1	401.2	399.8	401.2	402.1	402.0	401.4	400.1	398.4	396.0
-57.5°	392.3	393.9	394.6	394.8	394.6	393.9	392.3	390.3	388.1	385.5	382.1
-60°	378.2	380.6	381.9	382.3	381.9	380.6	378.2	375.3	372.0	367.7	362.9
-62.5°	350.1	351.1	351.9	352.3	351.9	351.1	350.1	348.4	346.1	342.4	337.8
-65°	320.1	321.1	320.8	319.8	320.8	321.1	320.1	318.5	316.3	312.9	308.3
-67.5°	287.7	288.6	288.3	287.3	288.3	288.6	287.7	286.0	283.6	280.0	275.4
-70°	252.2	253.7	254.6	254.9	254.6	253.7	252.2	250.2	247.5	244.3	240.5
-72.5°	214.9	216.3	218.3	219.9	218.3	216.3	214.9	213.0	210.6	207.6	204.1
-75°	175.4	176.5	179.6	182.4	179.6	176.5	175.4	173.8	171.7	169.1	166.3
-77.5°	137.6	139.1	139.7	139.9	139.7	139.1	137.6	135.8	133.7	131.4	129.6
-80°	101.2	101.9	103.5	104.9	103.5	101.9	101.2	100.3	99.1	97.5	95.2
-82.5°	66.8	67.2	67.4	67.5	67.4	67.2	66.8	66.2	65.4	64.4	62.7
-85°	38.9	39.8	38.7	37.5	38.7	39.8	38.9	38.0	37.0	36.0	35.4
-87.5°	14.9	14.9	15.0	15.0	15.0	14.9	14.9	14.8	14.6	14.5	13.7
-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: P559087 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-935-U-NR-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°	12.9	12.1	11.3	11.6	11.9	12.1	12.3	11.9	11.5	11.1	10.6
85°	34.6	33.8	32.8	32.0	31.1	30.3	29.3	27.8	26.3	24.8	23.3
82.5°	61.0	59.1	57.2	55.6	53.9	52.0	50.0	47.7	45.1	42.1	38.9
80°	92.6	89.7	86.8	84.4	81.7	78.6	75.2	71.9	68.4	65.2	61.7
77.5°	127.2	124.3	121.0	117.4	113.7	109.8	105.6	100.8	95.8	90.8	85.7
75°	163.1	159.7	156.0	151.7	147.0	141.6	136.0	130.1	123.9	117.4	110.6
72.5°	200.0	195.5	190.6	185.7	180.4	174.7	168.3	161.2	153.5	145.1	136.9
70°	236.1	231.2	225.8	219.8	213.2	206.3	199.4	192.1	184.4	175.5	165.2
67.5°	270.3	264.8	259.0	252.5	245.2	237.3	229.5	221.2	212.4	203.2	192.5
65°	302.9	296.6	290.6	284.0	276.5	268.1	259.3	250.1	240.2	229.7	218.2
62.5°	332.9	327.6	321.2	313.7	305.9	297.8	288.3	277.8	267.1	256.0	243.3
60°	357.7	352.4	346.2	339.4	332.0	324.0	314.1	303.6	292.6	280.2	267.2
57.5°	377.8	372.7	367.1	361.0	354.4	346.2	337.0	327.3	315.8	303.2	289.9
55°	393.0	389.2	384.7	379.3	372.9	365.2	357.0	347.5	336.5	325.0	310.9
52.5°	406.6	403.3	399.6	395.5	389.1	381.6	374.0	364.7	355.0	343.2	330.3
50°	426.7	420.1	413.8	408.2	402.5	395.7	387.7	379.4	370.3	359.4	347.2
47.5°	451.9	441.2	430.7	422.5	415.5	408.1	400.2	391.9	383.4	373.7	361.6
45°	478.1	465.6	452.0	440.6	429.8	421.1	412.6	404.3	395.6	385.8	374.8
42.5°	506.1	492.8	477.5	462.6	447.9	436.0	425.3	416.6	407.1	397.4	386.2
40°	545.4	524.8	508.4	488.9	470.8	453.1	441.2	429.3	418.9	408.0	397.0
37.5°	597.4	573.3	547.8	522.6	499.2	476.7	459.7	445.1	431.2	419.3	406.8
35°	657.5	626.5	594.3	562.8	533.6	506.1	481.9	462.9	446.6	431.5	417.2
32.5°	736.1	691.5	648.9	609.6	570.8	537.2	507.9	483.2	463.3	446.1	429.0
30°	822.5	764.5	708.8	662.7	615.6	572.7	534.0	504.6	481.5	461.7	441.7
27.5°	962.5	850.8	779.5	716.1	661.9	612.0	565.7	523.9	498.3	477.1	455.5
25°	1266.7	999.5	869.3	784.0	713.8	649.6	596.9	549.0	513.3	490.3	463.0
22.5°	1849.2	1340.1	1004.8	856.7	771.0	694.1	628.4	574.6	525.1	496.1	468.0
20°	3003.4	1860.7	1287.1	977.0	833.8	737.6	660.2	599.4	544.7	502.7	471.5
17.5°	4563.2	2873.0	1644.1	1133.0	917.7	791.9	695.9	622.3	562.3	509.9	473.6
15°	6234.3	4022.5	2392.0	1427.3	1006.4	837.9	725.5	643.3	578.6	520.7	478.9
12.5°	8140.7	5225.9	3082.1	1666.0	1110.6	888.9	758.1	666.4	594.9	533.6	487.3
10°	9847.8	6441.8	3877.7	2161.6	1285.3	940.3	788.2	686.9	609.9	544.3	493.8
7.5°	11239.6	7588.9	4597.7	2531.0	1416.7	981.0	813.6	704.1	622.4	552.1	498.5
5°	12129.3	8435.1	5171.2	2807.5	1508.1	1008.1	830.9	716.9	631.7	557.1	501.5
2.5°	12759.7	8995.3	5534.0	2968.7	1556.8	1022.7	843.0	724.6	638.7	563.1	506.3
0°	12790.7	9185.1	5657.0	3108.4	1566.7	1027.0	852.0	727.1	642.2	567.2	509.7
-2.5°	12759.7	8995.3	5534.0	2968.7	1556.8	1022.7	843.0	724.6	638.7	563.1	506.3
-5°	12129.3	8435.1	5171.2	2807.5	1508.1	1008.1	830.9	716.9	631.7	557.1	501.5
-7.5°	11239.6	7588.9	4597.7	2531.0	1416.7	981.0	813.6	704.1	622.4	552.1	498.5
-10°	9847.8	6441.8	3877.7	2161.6	1285.3	940.3	788.2	686.9	609.9	544.3	493.8
-12.5°	8140.7	5225.9	3082.1	1666.0	1110.6	888.9	758.1	666.4	594.9	533.6	487.3
-15°	6234.3	4022.5	2392.0	1427.3	1006.4	837.9	725.5	643.3	578.6	520.7	478.9
-17.5°	4563.2	2873.0	1644.1	1133.0	917.7	791.9	695.9	622.3	562.3	509.9	473.6
-20°	3003.4	1860.7	1287.1	977.0	833.8	737.6	660.2	599.4	544.7	502.7	471.5



REPORT NUMBER: P559087 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-935-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1849.2	1340.1	1004.8	856.7	771.0	694.1	628.4	574.6	525.1	496.1	468.0
-25°	1266.7	999.5	869.3	784.0	713.8	649.6	596.9	549.0	513.3	490.3	463.0
-27.5°	962.5	850.8	779.5	716.1	661.9	612.0	565.7	523.9	498.3	477.1	455.5
-30°	822.5	764.5	708.8	662.7	615.6	572.7	534.0	504.6	481.5	461.7	441.7
-32.5°	736.1	691.5	648.9	609.6	570.8	537.2	507.9	483.2	463.3	446.1	429.0
-35°	657.5	626.5	594.3	562.8	533.6	506.1	481.9	462.9	446.6	431.5	417.2
-37.5°	597.4	573.3	547.8	522.6	499.2	476.7	459.7	445.1	431.2	419.3	406.8
-40°	545.4	524.8	508.4	488.9	470.8	453.1	441.2	429.3	418.9	408.0	397.0
-42.5°	506.1	492.8	477.5	462.6	447.9	436.0	425.3	416.6	407.1	397.4	386.2
-45°	478.1	465.6	452.0	440.6	429.8	421.1	412.6	404.3	395.6	385.8	374.8
-47.5°	451.9	441.2	430.7	422.5	415.5	408.1	400.2	391.9	383.4	373.7	361.6
-50°	426.7	420.1	413.8	408.2	402.5	395.7	387.7	379.4	370.3	359.4	347.2
-52.5°	406.6	403.3	399.6	395.5	389.1	381.6	374.0	364.7	355.0	343.2	330.3
-55°	393.0	389.2	384.7	379.3	372.9	365.2	357.0	347.5	336.5	325.0	310.9
-57.5°	377.8	372.7	367.1	361.0	354.4	346.2	337.0	327.3	315.8	303.2	289.9
-60°	357.7	352.4	346.2	339.4	332.0	324.0	314.1	303.6	292.6	280.2	267.2
-62.5°	332.9	327.6	321.2	313.7	305.9	297.8	288.3	277.8	267.1	256.0	243.3
-65°	302.9	296.6	290.6	284.0	276.5	268.1	259.3	250.1	240.2	229.7	218.2
-67.5°	270.3	264.8	259.0	252.5	245.2	237.3	229.5	221.2	212.4	203.2	192.5
-70°	236.1	231.2	225.8	219.8	213.2	206.3	199.4	192.1	184.4	175.5	165.2
-72.5°	200.0	195.5	190.6	185.7	180.4	174.7	168.3	161.2	153.5	145.1	136.9
-75°	163.1	159.7	156.0	151.7	147.0	141.6	136.0	130.1	123.9	117.4	110.6
-77.5°	127.2	124.3	121.0	117.4	113.7	109.8	105.6	100.8	95.8	90.8	85.7
-80°	92.6	89.7	86.8	84.4	81.7	78.6	75.2	71.9	68.4	65.2	61.7
-82.5°	61.0	59.1	57.2	55.6	53.9	52.0	50.0	47.7	45.1	42.1	38.9
-85°	34.6	33.8	32.8	32.0	31.1	30.3	29.3	27.8	26.3	24.8	23.3
-87.5°	12.9	12.1	11.3	11.6	11.9	12.1	12.3	11.9	11.5	11.1	10.6
-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: P559087 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-935-U-NR-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°	10.1	9.6	9.1	8.6	8.1	7.5	6.9	6.3	5.7	5.1	4.5
85°	22.2	21.1	19.7	18.3	16.7	15.0	13.8	12.7	11.5	10.2	9.0
82.5°	36.4	34.7	33.1	31.2	29.1	26.8	24.3	21.6	18.5	15.6	13.5
80°	57.8	53.9	50.0	46.2	42.4	38.7	35.5	32.0	27.7	23.6	19.5
77.5°	80.2	74.4	68.5	63.1	57.9	52.8	47.8	42.6	36.8	31.5	26.3
75°	103.5	96.5	89.4	82.0	74.4	66.8	60.4	54.0	46.9	39.5	33.1
72.5°	128.9	120.3	111.1	101.4	92.6	83.5	74.2	65.3	57.4	49.0	40.2
70°	154.8	144.7	134.5	123.2	111.6	100.3	89.6	78.8	67.8	58.4	48.6
67.5°	180.9	168.8	157.0	144.6	131.4	118.2	105.1	92.7	80.4	67.8	56.9
65°	205.8	192.5	178.5	164.7	150.5	136.0	121.2	106.7	92.7	78.8	65.1
62.5°	230.1	216.2	200.8	184.7	169.0	153.2	137.1	121.2	105.1	89.6	74.2
60°	253.5	238.6	222.5	205.0	187.4	170.0	152.6	135.4	117.9	100.3	83.5
57.5°	275.3	260.3	242.7	224.4	205.5	186.5	167.9	149.3	130.4	111.2	92.6
55°	296.2	280.0	262.1	242.9	222.9	202.5	182.8	162.8	142.6	122.1	101.4
52.5°	315.5	298.6	280.0	260.5	239.7	218.3	197.6	176.0	154.5	132.7	110.7
50°	332.9	315.9	297.0	276.8	255.8	233.8	212.1	189.2	166.0	142.9	119.7
47.5°	348.2	331.5	312.8	292.3	270.4	248.6	225.8	202.2	177.1	152.8	128.6
45°	361.3	345.9	327.3	306.5	285.1	262.4	238.7	214.8	188.5	162.5	137.1
42.5°	373.6	358.5	340.6	320.2	298.8	275.8	251.0	226.1	199.5	171.8	145.3
40°	384.1	370.0	353.0	333.0	311.9	288.7	262.8	236.7	210.2	180.8	153.1
37.5°	394.1	380.1	363.6	346.0	324.6	300.5	274.3	246.6	219.8	189.7	160.5
35°	403.3	389.0	374.6	357.2	336.2	311.9	285.3	256.2	228.2	198.1	167.5
32.5°	412.4	397.5	383.0	366.8	347.4	322.9	295.5	265.4	236.0	205.9	174.1
30°	422.6	405.1	390.6	375.6	357.4	332.7	304.6	273.8	243.4	213.2	180.4
27.5°	430.8	411.3	397.3	382.6	365.1	342.0	312.6	281.4	250.2	219.6	186.3
25°	437.6	417.3	402.4	388.5	372.0	349.5	319.9	288.2	256.5	225.2	191.7
22.5°	443.0	422.4	406.3	393.8	378.5	356.2	326.2	294.1	262.1	230.3	196.6
20°	446.0	426.1	409.3	398.2	383.9	361.1	331.6	299.4	267.0	234.9	201.0
17.5°	447.0	428.8	412.9	401.2	388.0	366.1	336.4	304.1	271.2	238.9	204.9
15°	451.2	431.4	415.8	403.7	391.5	370.9	340.5	308.0	274.7	242.5	208.2
12.5°	455.6	433.4	417.6	405.7	394.3	375.6	343.9	311.3	277.6	245.5	211.0
10°	459.4	434.7	418.6	407.3	396.6	379.9	346.5	314.0	280.5	248.0	213.3
7.5°	462.5	435.4	418.8	408.4	398.3	383.3	348.9	316.0	283.0	249.9	215.1
5°	464.9	435.6	418.6	409.2	400.0	385.5	350.8	317.1	285.0	251.3	216.4
2.5°	466.7	435.5	418.1	409.7	401.3	386.9	351.9	317.6	286.5	252.1	217.1
0°	467.3	434.8	417.3	409.8	402.3	387.3	352.3	317.3	287.3	252.4	217.4
-2.5°	466.7	435.5	418.1	409.7	401.3	386.9	351.9	317.6	286.5	252.1	217.1
-5°	464.9	435.6	418.6	409.2	400.0	385.5	350.8	317.1	285.0	251.3	216.4
-7.5°	462.5	435.4	418.8	408.4	398.3	383.3	348.9	316.0	283.0	249.9	215.1
-10°	459.4	434.7	418.6	407.3	396.6	379.9	346.5	314.0	280.5	248.0	213.3
-12.5°	455.6	433.4	417.6	405.7	394.3	375.6	343.9	311.3	277.6	245.5	211.0
-15°	451.2	431.4	415.8	403.7	391.5	370.9	340.5	308.0	274.7	242.5	208.2
-17.5°	447.0	428.8	412.9	401.2	388.0	366.1	336.4	304.1	271.2	238.9	204.9
-20°	446.0	426.1	409.3	398.2	383.9	361.1	331.6	299.4	267.0	234.9	201.0



REPORT NUMBER: P559087 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-935-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	443.0	422.4	406.3	393.8	378.5	356.2	326.2	294.1	262.1	230.3	196.6
-25°	437.6	417.3	402.4	388.5	372.0	349.5	319.9	288.2	256.5	225.2	191.7
-27.5°	430.8	411.3	397.3	382.6	365.1	342.0	312.6	281.4	250.2	219.6	186.3
-30°	422.6	405.1	390.6	375.6	357.4	332.7	304.6	273.8	243.4	213.2	180.4
-32.5°	412.4	397.5	383.0	366.8	347.4	322.9	295.5	265.4	236.0	205.9	174.1
-35°	403.3	389.0	374.6	357.2	336.2	311.9	285.3	256.2	228.2	198.1	167.5
-37.5°	394.1	380.1	363.6	346.0	324.6	300.5	274.3	246.6	219.8	189.7	160.5
-40°	384.1	370.0	353.0	333.0	311.9	288.7	262.8	236.7	210.2	180.8	153.1
-42.5°	373.6	358.5	340.6	320.2	298.8	275.8	251.0	226.1	199.5	171.8	145.3
-45°	361.3	345.9	327.3	306.5	285.1	262.4	238.7	214.8	188.5	162.5	137.1
-47.5°	348.2	331.5	312.8	292.3	270.4	248.6	225.8	202.2	177.1	152.8	128.6
-50°	332.9	315.9	297.0	276.8	255.8	233.8	212.1	189.2	166.0	142.9	119.7
-52.5°	315.5	298.6	280.0	260.5	239.7	218.3	197.6	176.0	154.5	132.7	110.7
-55°	296.2	280.0	262.1	242.9	222.9	202.5	182.8	162.8	142.6	122.1	101.4
-57.5°	275.3	260.3	242.7	224.4	205.5	186.5	167.9	149.3	130.4	111.2	92.6
-60°	253.5	238.6	222.5	205.0	187.4	170.0	152.6	135.4	117.9	100.3	83.5
-62.5°	230.1	216.2	200.8	184.7	169.0	153.2	137.1	121.2	105.1	89.6	74.2
-65°	205.8	192.5	178.5	164.7	150.5	136.0	121.2	106.7	92.7	78.8	65.1
-67.5°	180.9	168.8	157.0	144.6	131.4	118.2	105.1	92.7	80.4	67.8	56.9
-70°	154.8	144.7	134.5	123.2	111.6	100.3	89.6	78.8	67.8	58.4	48.6
-72.5°	128.9	120.3	111.1	101.4	92.6	83.5	74.2	65.3	57.4	49.0	40.2
-75°	103.5	96.5	89.4	82.0	74.4	66.8	60.4	54.0	46.9	39.5	33.1
-77.5°	80.2	74.4	68.5	63.1	57.9	52.8	47.8	42.6	36.8	31.5	26.3
-80°	57.8	53.9	50.0	46.2	42.4	38.7	35.5	32.0	27.7	23.6	19.5
-82.5°	36.4	34.7	33.1	31.2	29.1	26.8	24.3	21.6	18.5	15.6	13.5
-85°	22.2	21.1	19.7	18.3	16.7	15.0	13.8	12.7	11.5	10.2	9.0
-87.5°	10.1	9.6	9.1	8.6	8.1	7.5	6.9	6.3	5.7	5.1	4.5
-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: P559087 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-935-U-NR-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°	3.9	3.2	2.6	2.0	1.3	0.7	0.0
85°	7.8	6.5	5.2	3.9	2.6	1.3	0.0
82.5°	11.6	9.7	7.8	5.9	3.9	2.0	0.0
80°	15.7	12.9	10.4	7.8	5.2	2.6	0.0
77.5°	21.4	16.7	12.9	9.7	6.5	3.2	0.0
75°	27.1	21.6	15.7	11.6	7.8	3.9	0.0
72.5°	32.8	26.5	19.7	13.5	9.0	4.5	0.0
70°	38.7	31.3	23.6	15.6	10.2	5.1	0.0
67.5°	45.9	36.0	27.5	18.6	11.5	5.7	0.0
65°	53.0	41.3	31.4	21.5	12.7	6.3	0.0
62.5°	60.0	47.0	35.2	24.4	13.8	6.9	0.0
60°	66.7	52.6	38.9	27.2	15.0	7.5	0.0
57.5°	74.4	58.0	43.1	30.0	16.8	8.1	0.0
55°	82.0	63.2	47.3	32.7	18.7	8.6	0.0
52.5°	89.4	68.5	51.3	35.4	20.4	9.1	0.0
50°	96.5	74.4	55.2	38.0	22.1	9.6	0.0
47.5°	103.5	80.2	58.9	40.5	23.8	10.1	0.0
45°	110.8	85.7	62.5	43.2	25.3	10.6	0.0
42.5°	117.9	91.0	65.9	45.7	26.8	11.1	0.0
40°	124.7	96.0	69.5	48.1	28.3	11.5	0.0
37.5°	131.2	100.8	73.3	50.4	29.6	11.9	0.0
35°	137.4	105.7	77.0	52.5	30.9	12.3	0.0
32.5°	143.2	110.6	80.4	54.5	32.2	12.6	0.0
30°	148.5	115.2	83.5	56.4	33.3	13.0	0.0
27.5°	153.5	119.4	86.6	58.1	34.3	13.3	0.0
25°	158.0	123.4	89.4	59.7	35.3	13.6	0.0
22.5°	162.2	127.0	92.1	61.2	36.2	13.9	0.0
20°	166.0	130.3	94.5	62.5	37.0	14.1	0.0
17.5°	169.3	133.1	96.7	63.7	37.7	14.3	0.0
15°	172.1	135.6	98.6	64.7	38.3	14.5	0.0
12.5°	174.4	137.7	100.3	65.5	38.8	14.6	0.0
10°	176.4	139.4	101.8	66.2	39.2	14.8	0.0
7.5°	177.9	140.7	103.0	66.8	39.6	14.9	0.0
5°	179.0	141.7	103.9	67.2	39.8	14.9	0.0
2.5°	179.7	142.2	104.5	67.4	40.0	15.0	0.0
0°	179.9	142.4	104.9	67.5	40.0	15.0	0.0
-2.5°	179.7	142.2	104.5	67.4	40.0	15.0	0.0
-5°	179.0	141.7	103.9	67.2	39.8	14.9	0.0
-7.5°	177.9	140.7	103.0	66.8	39.6	14.9	0.0
-10°	176.4	139.4	101.8	66.2	39.2	14.8	0.0
-12.5°	174.4	137.7	100.3	65.5	38.8	14.6	0.0
-15°	172.1	135.6	98.6	64.7	38.3	14.5	0.0
-17.5°	169.3	133.1	96.7	63.7	37.7	14.3	0.0
-20°	166.0	130.3	94.5	62.5	37.0	14.1	0.0



REPORT NUMBER: P559087 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-935-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	162.2	127.0	92.1	61.2	36.2	13.9	0.0
-25°	158.0	123.4	89.4	59.7	35.3	13.6	0.0
-27.5°	153.5	119.4	86.6	58.1	34.3	13.3	0.0
-30°	148.5	115.2	83.5	56.4	33.3	13.0	0.0
-32.5°	143.2	110.6	80.4	54.5	32.2	12.6	0.0
-35°	137.4	105.7	77.0	52.5	30.9	12.3	0.0
-37.5°	131.2	100.8	73.3	50.4	29.6	11.9	0.0
-40°	124.7	96.0	69.5	48.1	28.3	11.5	0.0
-42.5°	117.9	91.0	65.9	45.7	26.8	11.1	0.0
-45°	110.8	85.7	62.5	43.2	25.3	10.6	0.0
-47.5°	103.5	80.2	58.9	40.5	23.8	10.1	0.0
-50°	96.5	74.4	55.2	38.0	22.1	9.6	0.0
-52.5°	89.4	68.5	51.3	35.4	20.4	9.1	0.0
-55°	82.0	63.2	47.3	32.7	18.7	8.6	0.0
-57.5°	74.4	58.0	43.1	30.0	16.8	8.1	0.0
-60°	66.7	52.6	38.9	27.2	15.0	7.5	0.0
-62.5°	60.0	47.0	35.2	24.4	13.8	6.9	0.0
-65°	53.0	41.3	31.4	21.5	12.7	6.3	0.0
-67.5°	45.9	36.0	27.5	18.6	11.5	5.7	0.0
-70°	38.7	31.3	23.6	15.6	10.2	5.1	0.0
-72.5°	32.8	26.5	19.7	13.5	9.0	4.5	0.0
-75°	27.1	21.6	15.7	11.6	7.8	3.9	0.0
-77.5°	21.4	16.7	12.9	9.7	6.5	3.2	0.0
-80°	15.7	12.9	10.4	7.8	5.2	2.6	0.0
-82.5°	11.6	9.7	7.8	5.9	3.9	2.0	0.0
-85°	7.8	6.5	5.2	3.9	2.6	1.3	0.0
-87.5°	3.9	3.2	2.6	2.0	1.3	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)