

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: P559256 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-940-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559256 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-2)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA6E-940-U-TS-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, TIGHT SPOT N2
Light Source: (96) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

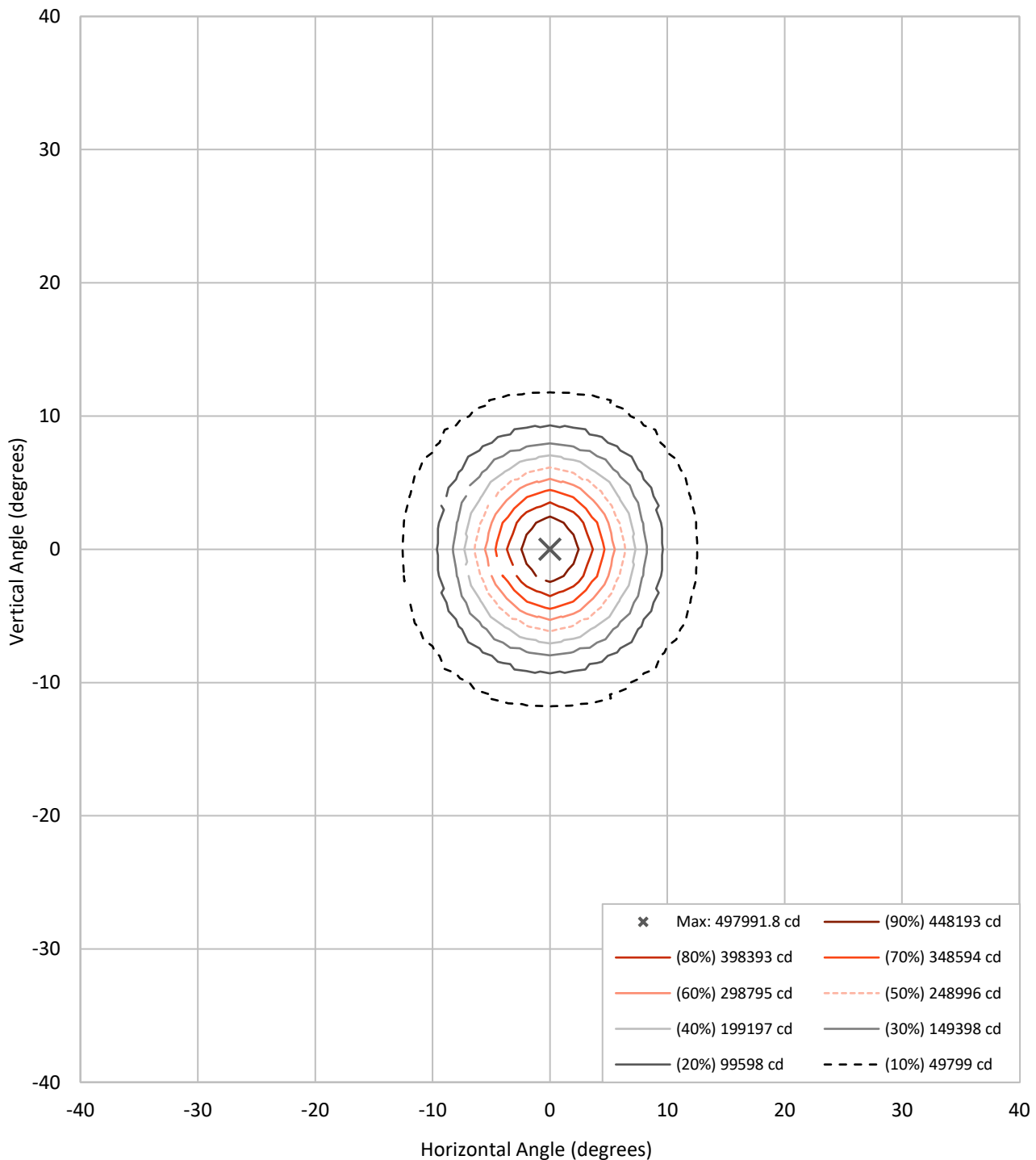
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	36097.8 lumens	Max Intensity:	497991.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	98.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	11406.3 lumens	Field Lumens:	25268.9 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

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: P559256 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6E-940-U-TS-XX

Iso-Candela Plot





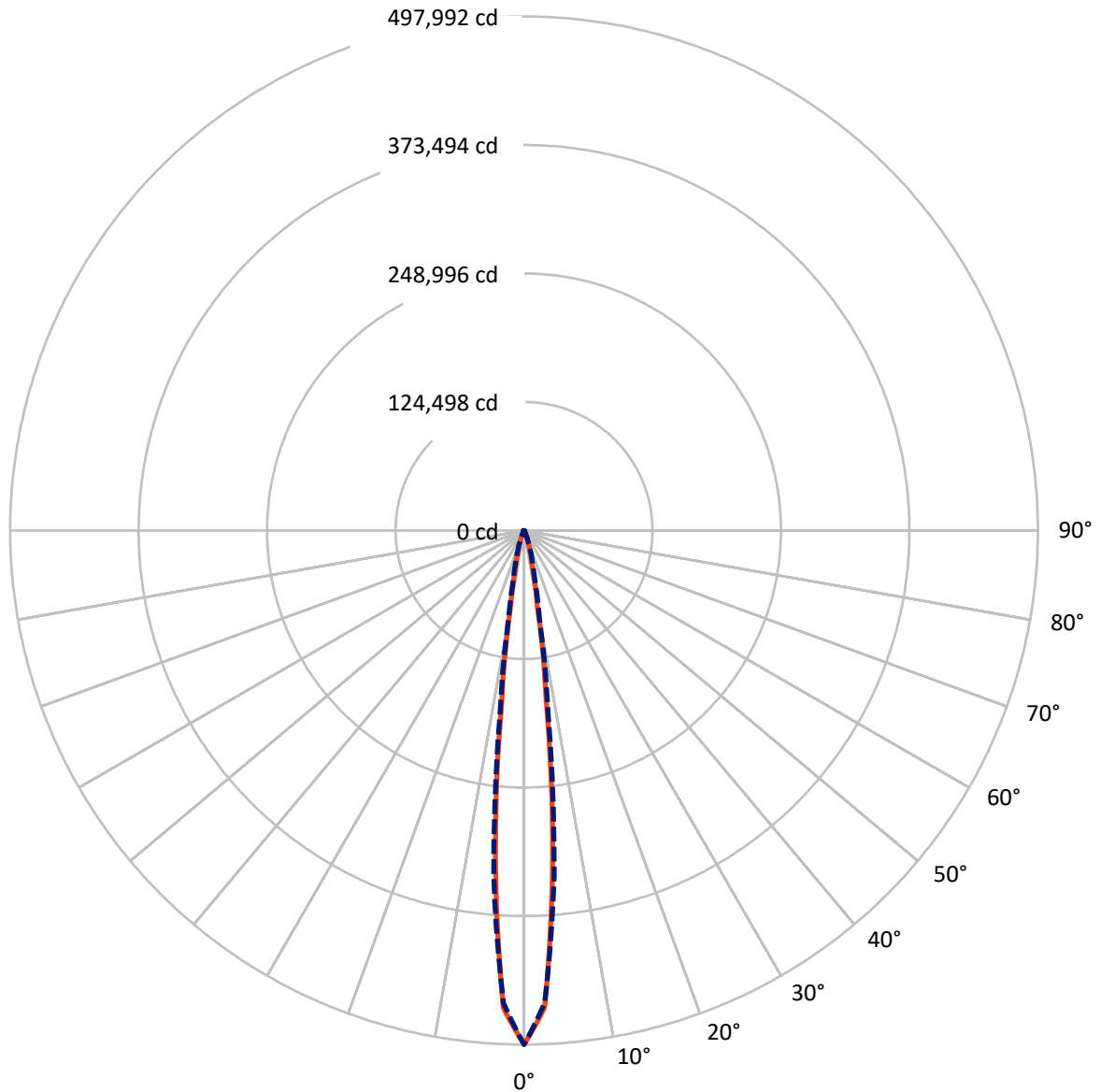
REPORT NUMBER: P559256 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-TS-XX

Lumen Table

90	0.5		4.2		11.5		18.7		21.6		18.7		11.5		4.2		0.5		
80	0.5		4.2		11.5		18.7		21.6		18.7		11.5		4.2		0.5		
70	1.9	2.2	4.7	7.7	10.6	13.0	14.8	15.7	15.7	14.8	13.0	10.6	7.7	4.7	2.2	1.9			
60		3.4	7.0	10.5	13.7	16.1	17.7	18.3	18.3	17.7	16.1	13.7	10.5	7.0	3.4				
50	3.5	4.5	8.6	12.3	15.3	18.0	20.1	21.1	21.1	20.1	18.0	15.3	12.3	8.6	4.5	3.5			
40		5.4	9.6	13.3	17.1	22.0	27.6	31.1	31.1	27.6	22.0	17.1	13.3	9.6	5.4				
30	4.7	6.0	10.2	14.2	20.1	31.2	69.3	126.0	126.0	69.3	31.2	20.1	14.2	10.2	6.0	4.7			
20		6.3	10.4	14.9	23.8	67.0	378.5	832.7	832.7	378.5	67.0	23.8	14.9	10.4	6.3				
10	5.1	6.5	10.5	15.4	26.4	128.6	908.7	5878.1	5878.1	908.7	128.6	26.4	15.4	10.5	6.5	5.1			
0		6.5	10.5	15.4	26.4	128.6	908.7	5878.1	5878.1	908.7	128.6	26.4	15.4	10.5	6.5				
-10	4.7	6.3	10.4	14.9	23.8	67.0	378.5	832.7	832.7	378.5	67.0	23.8	14.9	10.4	6.3	4.7			
-20		6.0	10.2	14.2	20.1	31.2	69.3	126.0	126.0	69.3	31.2	20.1	14.2	10.2	6.0				
-30	3.5	5.4	9.6	13.3	17.1	22.0	27.6	31.1	31.1	27.6	22.0	17.1	13.3	9.6	5.4	3.5			
-40		4.5	8.6	12.3	15.3	18.0	20.1	21.1	21.1	20.1	18.0	15.3	12.3	8.6	4.5				
-50	1.9	3.4	7.0	10.5	13.7	16.1	17.7	18.3	18.3	17.7	16.1	13.7	10.5	7.0	3.4	1.9			
-60		2.2	4.7	7.7	10.6	13.0	14.8	15.7	15.7	14.8	13.0	10.6	7.7	4.7	2.2				
-70	0.5		4.2		11.5		18.7		21.6		18.7		11.5		4.2		0.5		
-80	0.5		4.2		11.5		18.7		21.6		18.7		11.5		4.2		0.5		
-90	0.5		4.2		11.5		18.7		21.6		18.7		11.5		4.2		0.5		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P559256 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6E-940-U-TS-XX

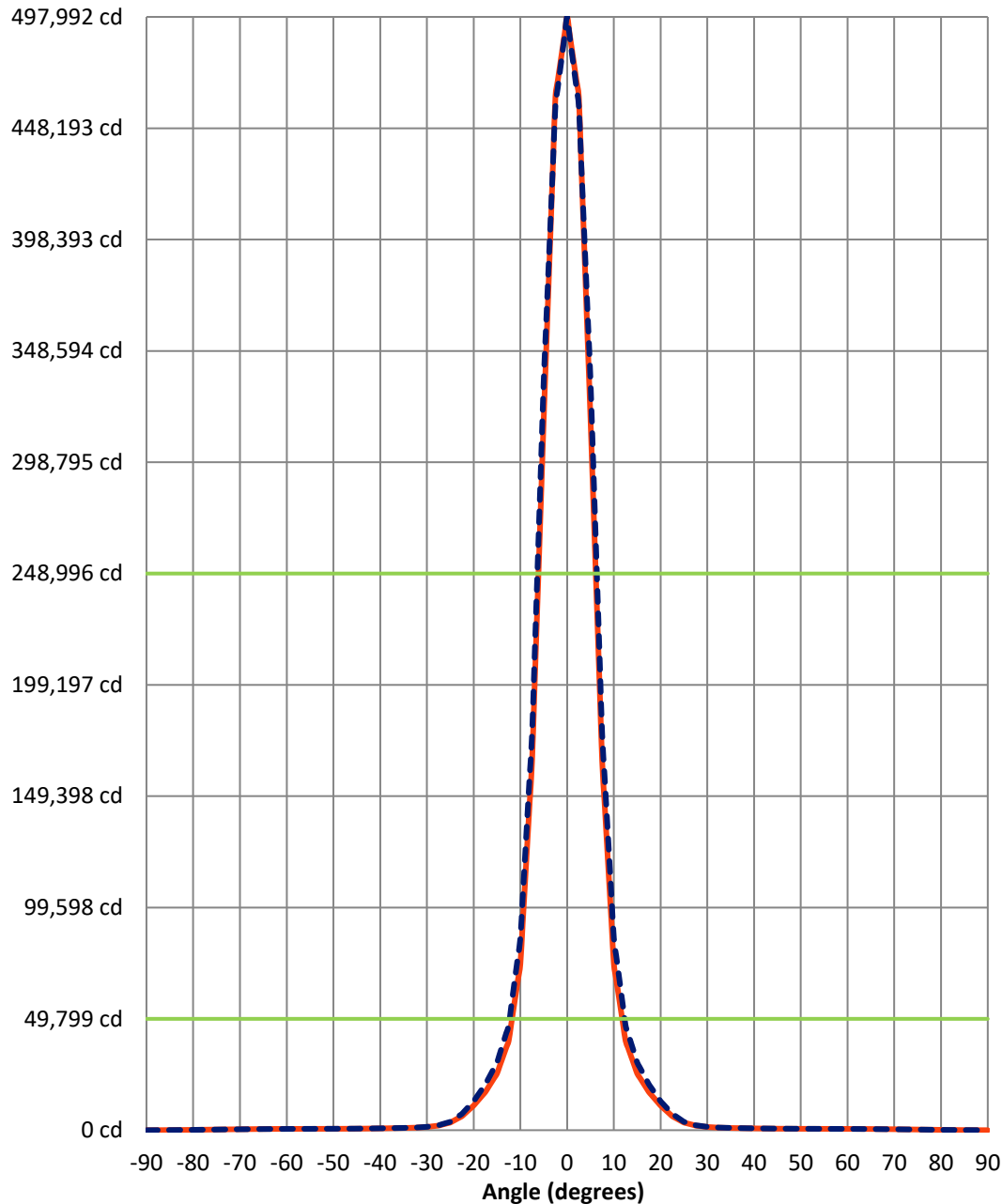
Luminous Intensity Polar Plot



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

REPORT NUMBER: P559256 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-TS-XX

Luminous Intensity Plot



Beam:
 H Angle: 12.7°
 V Angle: 12.3°
 Lumens: 11406.3
 Efficiency: 31.6%

Field:
 H Angle: 24.6°
 V Angle: 23.6°
 Lumens: 25268.9
 Efficiency: 70.0%

Spill:
 Lumens: 10828.9
 Efficiency: 30.0%

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



REPORT NUMBER: P559256 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-TS-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	1.2	2.3	3.4	4.4	5.3	6.1	7.1	8.0	9.0	9.9
85°	0.0	2.3	4.7	6.8	8.7	10.5	12.2	14.1	16.1	18.0	19.8
82.5°	0.0	3.5	7.0	10.2	13.1	15.8	18.2	21.1	24.3	28.7	33.2
80°	0.0	4.7	9.3	13.5	17.4	21.0	24.6	30.3	36.2	42.3	48.6
77.5°	0.0	5.8	11.6	16.9	21.7	26.9	33.1	40.3	47.9	55.8	64.1
75°	0.0	6.9	13.9	20.2	26.3	34.0	41.6	50.3	59.8	70.6	80.8
72.5°	0.0	8.1	16.1	23.5	31.9	41.0	50.0	60.8	73.6	85.8	97.4
70°	0.0	9.2	18.3	26.9	37.5	48.0	58.6	73.1	87.4	101.1	119.9
67.5°	0.0	10.3	20.5	31.0	43.0	54.8	69.2	85.2	101.1	121.8	143.4
65°	0.0	11.3	22.6	35.1	48.3	62.4	79.5	97.2	118.7	142.0	166.9
62.5°	0.0	12.4	24.7	39.1	53.6	70.7	89.6	111.0	135.8	162.2	191.1
60°	0.0	13.4	26.8	42.9	58.8	78.9	99.5	125.3	152.5	183.6	214.9
57.5°	0.0	14.4	29.3	46.7	65.0	86.7	111.2	139.1	170.6	204.6	239.0
55°	0.0	15.4	31.7	50.5	71.1	94.4	122.8	152.7	188.7	225.2	262.9
52.5°	0.0	16.3	34.1	54.1	77.0	102.1	134.2	168.1	206.3	246.1	286.1
50°	0.0	17.2	36.3	57.5	82.6	111.3	145.1	183.2	223.7	266.3	309.1
47.5°	0.0	18.1	38.5	61.1	88.1	120.1	156.0	197.6	241.0	285.9	331.6
45°	0.0	18.9	40.6	65.0	93.3	128.5	167.8	211.5	257.8	305.5	353.4
42.5°	0.0	19.8	42.7	68.7	98.2	136.7	179.1	225.2	274.0	324.4	372.0
40°	0.0	20.5	44.6	72.2	103.7	144.4	189.8	238.7	289.7	342.6	389.5
37.5°	0.0	21.3	46.4	75.4	109.6	151.8	199.9	251.5	304.9	359.0	406.1
35°	0.0	22.0	48.2	78.4	115.1	159.4	209.4	263.5	319.1	372.8	421.1
32.5°	0.0	22.6	49.8	81.2	120.4	166.8	218.6	274.9	332.5	385.8	434.0
30°	0.0	23.2	51.3	83.8	125.2	173.8	227.6	285.5	344.8	397.9	446.0
27.5°	0.0	23.8	52.7	86.2	129.7	180.1	236.0	295.5	355.6	409.1	457.1
25°	0.0	24.3	54.0	88.3	133.7	186.0	243.7	304.6	364.7	418.6	467.2
22.5°	0.0	24.8	55.2	90.2	137.5	191.3	250.7	312.8	372.9	426.8	474.8
20°	0.0	25.2	56.3	91.9	140.9	196.1	256.9	320.2	380.2	434.1	481.8
17.5°	0.0	25.6	57.2	93.4	143.9	200.4	262.6	326.5	386.6	440.6	488.0
15°	0.0	25.9	58.0	94.6	146.6	204.2	267.6	332.0	392.2	446.1	493.4
12.5°	0.0	26.2	58.7	95.6	148.9	207.3	271.9	336.6	396.8	450.6	498.0
10°	0.0	26.4	59.3	96.4	150.8	209.9	275.4	340.2	400.4	454.3	501.7
7.5°	0.0	26.6	59.7	96.9	152.3	212.0	278.1	342.9	403.2	457.0	504.3
5°	0.0	26.7	60.0	97.2	153.3	213.4	280.0	344.6	405.0	458.7	505.9
2.5°	0.0	26.8	60.2	97.3	154.0	214.3	281.2	345.4	405.8	459.5	506.5
0°	0.0	26.8	60.3	97.2	154.2	214.6	281.6	345.3	405.7	459.3	506.2
-2.5°	0.0	26.8	60.2	97.3	154.0	214.3	281.2	345.4	405.8	459.5	506.5
-5°	0.0	26.7	60.0	97.2	153.3	213.4	280.0	344.6	405.0	458.7	505.9
-7.5°	0.0	26.6	59.7	96.9	152.3	212.0	278.1	342.9	403.2	457.0	504.3
-10°	0.0	26.4	59.3	96.4	150.8	209.9	275.4	340.2	400.4	454.3	501.7
-12.5°	0.0	26.2	58.7	95.6	148.9	207.3	271.9	336.6	396.8	450.6	498.0
-15°	0.0	25.9	58.0	94.6	146.6	204.2	267.6	332.0	392.2	446.1	493.4
-17.5°	0.0	25.6	57.2	93.4	143.9	200.4	262.6	326.5	386.6	440.6	488.0
-20°	0.0	25.2	56.3	91.9	140.9	196.1	256.9	320.2	380.2	434.1	481.8



REPORT NUMBER: P559256 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	24.8	55.2	90.2	137.5	191.3	250.7	312.8	372.9	426.8	474.8
-25°	0.0	24.3	54.0	88.3	133.7	186.0	243.7	304.6	364.7	418.6	467.2
-27.5°	0.0	23.8	52.7	86.2	129.7	180.1	236.0	295.5	355.6	409.1	457.1
-30°	0.0	23.2	51.3	83.8	125.2	173.8	227.6	285.5	344.8	397.9	446.0
-32.5°	0.0	22.6	49.8	81.2	120.4	166.8	218.6	274.9	332.5	385.8	434.0
-35°	0.0	22.0	48.2	78.4	115.1	159.4	209.4	263.5	319.1	372.8	421.1
-37.5°	0.0	21.3	46.4	75.4	109.6	151.8	199.9	251.5	304.9	359.0	406.1
-40°	0.0	20.5	44.6	72.2	103.7	144.4	189.8	238.7	289.7	342.6	389.5
-42.5°	0.0	19.8	42.7	68.7	98.2	136.7	179.1	225.2	274.0	324.4	372.0
-45°	0.0	18.9	40.6	65.0	93.3	128.5	167.8	211.5	257.8	305.5	353.4
-47.5°	0.0	18.1	38.5	61.1	88.1	120.1	156.0	197.6	241.0	285.9	331.6
-50°	0.0	17.2	36.3	57.5	82.6	111.3	145.1	183.2	223.7	266.3	309.1
-52.5°	0.0	16.3	34.1	54.1	77.0	102.1	134.2	168.1	206.3	246.1	286.1
-55°	0.0	15.4	31.7	50.5	71.1	94.4	122.8	152.7	188.7	225.2	262.9
-57.5°	0.0	14.4	29.3	46.7	65.0	86.7	111.2	139.1	170.6	204.6	239.0
-60°	0.0	13.4	26.8	42.9	58.8	78.9	99.5	125.3	152.5	183.6	214.9
-62.5°	0.0	12.4	24.7	39.1	53.6	70.7	89.6	111.0	135.8	162.2	191.1
-65°	0.0	11.3	22.6	35.1	48.3	62.4	79.5	97.2	118.7	142.0	166.9
-67.5°	0.0	10.3	20.5	31.0	43.0	54.8	69.2	85.2	101.1	121.8	143.4
-70°	0.0	9.2	18.3	26.9	37.5	48.0	58.6	73.1	87.4	101.1	119.9
-72.5°	0.0	8.1	16.1	23.5	31.9	41.0	50.0	60.8	73.6	85.8	97.4
-75°	0.0	6.9	13.9	20.2	26.3	34.0	41.6	50.3	59.8	70.6	80.8
-77.5°	0.0	5.8	11.6	16.9	21.7	26.9	33.1	40.3	47.9	55.8	64.1
-80°	0.0	4.7	9.3	13.5	17.4	21.0	24.6	30.3	36.2	42.3	48.6
-82.5°	0.0	3.5	7.0	10.2	13.1	15.8	18.2	21.1	24.3	28.7	33.2
-85°	0.0	2.3	4.7	6.8	8.7	10.5	12.2	14.1	16.1	18.0	19.8
-87.5°	0.0	1.2	2.3	3.4	4.4	5.3	6.1	7.1	8.0	9.0	9.9
-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: P559256 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-TS-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°	10.8	11.7	12.6	13.5	14.3	15.1	15.9	16.6	17.3	18.0	18.6
85°	21.7	23.5	25.8	27.9	29.8	31.6	33.2	34.6	36.6	38.6	40.6
82.5°	37.0	40.2	42.9	45.2	47.7	49.9	52.4	56.3	61.4	66.3	70.8
80°	53.2	56.9	62.2	68.2	74.4	80.4	86.2	91.8	97.7	104.3	111.0
77.5°	71.4	79.0	87.4	96.4	105.1	115.1	125.2	135.5	144.9	153.0	160.2
75°	90.5	100.8	114.7	128.7	141.8	154.9	168.3	181.2	192.5	203.0	213.6
72.5°	112.7	129.6	146.1	162.2	179.3	195.6	211.1	225.6	240.0	254.3	268.0
70°	139.2	158.4	178.4	198.6	218.4	236.6	254.5	272.7	290.6	306.7	321.1
67.5°	165.7	188.6	211.6	234.5	256.1	276.9	298.1	319.0	338.9	355.9	370.9
65°	193.0	218.6	244.3	269.0	292.6	317.0	340.8	363.9	382.7	398.3	413.3
62.5°	219.6	248.5	276.5	303.6	330.3	356.9	379.9	400.6	420.0	436.9	453.2
60°	246.9	278.3	308.6	338.4	366.7	391.0	414.5	435.2	454.7	473.3	487.1
57.5°	273.8	307.7	340.5	371.1	398.1	423.3	445.8	467.7	484.5	499.4	514.5
55°	300.1	336.4	370.3	400.5	427.9	452.0	474.8	493.0	509.8	523.9	538.6
52.5°	326.0	363.9	397.4	427.9	454.4	478.1	498.2	516.3	532.0	546.3	558.4
50°	351.2	388.5	423.2	452.0	478.3	500.6	519.5	536.9	552.1	565.2	576.1
47.5°	373.7	412.2	444.9	474.5	499.4	520.6	538.8	555.4	570.5	582.1	592.9
45°	394.7	432.6	465.9	494.0	518.4	538.3	556.0	573.2	585.7	597.2	605.6
42.5°	414.9	451.5	484.0	513.0	534.5	553.9	571.8	586.6	599.6	609.7	618.7
40°	431.9	469.8	500.8	527.2	549.3	567.7	584.2	599.1	611.9	621.8	631.4
37.5°	448.0	484.5	516.0	540.7	561.3	579.5	595.9	609.8	622.4	632.8	645.9
35°	463.6	498.6	527.8	551.9	571.9	589.9	605.6	619.8	632.1	646.5	661.7
32.5°	476.7	511.9	539.1	561.0	580.8	599.1	614.8	629.1	643.5	659.7	678.5
30°	487.8	521.8	548.7	569.2	589.0	606.3	623.1	638.6	654.4	673.8	698.3
27.5°	497.9	530.7	555.7	576.4	596.2	612.5	630.1	647.7	666.1	688.8	719.7
25°	507.4	539.0	561.9	582.8	601.4	618.3	636.5	654.5	677.5	707.5	747.9
22.5°	515.2	546.6	567.3	588.7	605.8	623.6	642.2	662.4	688.4	724.8	777.6
20°	521.4	551.1	571.9	593.1	609.3	628.2	647.3	669.3	700.3	747.6	808.9
17.5°	527.0	555.0	575.8	595.8	612.8	632.2	651.8	674.7	710.1	769.1	837.7
15°	531.9	558.2	579.0	597.9	615.8	635.2	655.8	682.0	723.2	789.8	863.7
12.5°	536.2	560.8	581.4	599.6	618.2	637.3	659.1	688.2	737.2	809.1	889.4
10°	539.8	562.8	583.0	600.7	620.0	638.4	661.8	692.3	747.1	819.9	904.8
7.5°	542.0	564.3	584.2	601.3	621.1	638.8	663.6	694.4	753.2	825.7	913.0
5°	543.2	565.5	585.6	602.5	622.3	639.6	665.3	694.7	755.8	826.8	916.1
2.5°	543.6	566.3	586.4	603.2	623.3	641.9	668.4	698.3	758.1	830.9	918.2
0°	543.1	566.6	586.7	603.5	623.6	643.7	670.5	700.7	757.7	834.8	918.6
-2.5°	543.6	566.3	586.4	603.2	623.3	641.9	668.4	698.3	758.1	830.9	918.2
-5°	543.2	565.5	585.6	602.5	622.3	639.6	665.3	694.7	755.8	826.8	916.1
-7.5°	542.0	564.3	584.2	601.3	621.1	638.8	663.6	694.4	753.2	825.7	913.0
-10°	539.8	562.8	583.0	600.7	620.0	638.4	661.8	692.3	747.1	819.9	904.8
-12.5°	536.2	560.8	581.4	599.6	618.2	637.3	659.1	688.2	737.2	809.1	889.4
-15°	531.9	558.2	579.0	597.9	615.8	635.2	655.8	682.0	723.2	789.8	863.7
-17.5°	527.0	555.0	575.8	595.8	612.8	632.2	651.8	674.7	710.1	769.1	837.7
-20°	521.4	551.1	571.9	593.1	609.3	628.2	647.3	669.3	700.3	747.6	808.9



REPORT NUMBER: P559256 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	515.2	546.6	567.3	588.7	605.8	623.6	642.2	662.4	688.4	724.8	777.6
-25°	507.4	539.0	561.9	582.8	601.4	618.3	636.5	654.5	677.5	707.5	747.9
-27.5°	497.9	530.7	555.7	576.4	596.2	612.5	630.1	647.7	666.1	688.8	719.7
-30°	487.8	521.8	548.7	569.2	589.0	606.3	623.1	638.6	654.4	673.8	698.3
-32.5°	476.7	511.9	539.1	561.0	580.8	599.1	614.8	629.1	643.5	659.7	678.5
-35°	463.6	498.6	527.8	551.9	571.9	589.9	605.6	619.8	632.1	646.5	661.7
-37.5°	448.0	484.5	516.0	540.7	561.3	579.5	595.9	609.8	622.4	632.8	645.9
-40°	431.9	469.8	500.8	527.2	549.3	567.7	584.2	599.1	611.9	621.8	631.4
-42.5°	414.9	451.5	484.0	513.0	534.5	553.9	571.8	586.6	599.6	609.7	618.7
-45°	394.7	432.6	465.9	494.0	518.4	538.3	556.0	573.2	585.7	597.2	605.6
-47.5°	373.7	412.2	444.9	474.5	499.4	520.6	538.8	555.4	570.5	582.1	592.9
-50°	351.2	388.5	423.2	452.0	478.3	500.6	519.5	536.9	552.1	565.2	576.1
-52.5°	326.0	363.9	397.4	427.9	454.4	478.1	498.2	516.3	532.0	546.3	558.4
-55°	300.1	336.4	370.3	400.5	427.9	452.0	474.8	493.0	509.8	523.9	538.6
-57.5°	273.8	307.7	340.5	371.1	398.1	423.3	445.8	467.7	484.5	499.4	514.5
-60°	246.9	278.3	308.6	338.4	366.7	391.0	414.5	435.2	454.7	473.3	487.1
-62.5°	219.6	248.5	276.5	303.6	330.3	356.9	379.9	400.6	420.0	436.9	453.2
-65°	193.0	218.6	244.3	269.0	292.6	317.0	340.8	363.9	382.7	398.3	413.3
-67.5°	165.7	188.6	211.6	234.5	256.1	276.9	298.1	319.0	338.9	355.9	370.9
-70°	139.2	158.4	178.4	198.6	218.4	236.6	254.5	272.7	290.6	306.7	321.1
-72.5°	112.7	129.6	146.1	162.2	179.3	195.6	211.1	225.6	240.0	254.3	268.0
-75°	90.5	100.8	114.7	128.7	141.8	154.9	168.3	181.2	192.5	203.0	213.6
-77.5°	71.4	79.0	87.4	96.4	105.1	115.1	125.2	135.5	144.9	153.0	160.2
-80°	53.2	56.9	62.2	68.2	74.4	80.4	86.2	91.8	97.7	104.3	111.0
-82.5°	37.0	40.2	42.9	45.2	47.7	49.9	52.4	56.3	61.4	66.3	70.8
-85°	21.7	23.5	25.8	27.9	29.8	31.6	33.2	34.6	36.6	38.6	40.6
-87.5°	10.8	11.7	12.6	13.5	14.3	15.1	15.9	16.6	17.3	18.0	18.6
-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: P559256 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-TS-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°	19.2	19.1	18.9	18.6	18.2	18.6	18.9	19.2	19.4	19.6	19.8
85°	42.7	44.5	46.3	48.2	50.1	51.4	52.5	53.6	54.5	55.2	55.9
82.5°	74.9	78.8	82.3	85.4	88.3	90.6	92.7	94.5	96.1	97.5	98.6
80°	117.0	122.8	128.3	133.4	138.1	141.9	145.0	147.7	149.8	152.1	154.1
77.5°	167.3	175.4	183.1	190.0	196.2	201.4	205.9	209.8	213.1	217.2	220.9
75°	224.1	233.8	242.7	250.8	258.3	265.0	270.9	276.1	280.5	284.9	288.6
72.5°	280.9	292.6	302.9	311.6	319.5	327.1	334.6	341.6	348.0	352.8	356.3
70°	334.4	346.4	357.4	367.3	376.6	386.1	395.8	404.8	412.9	418.2	421.3
67.5°	383.4	395.7	408.2	420.5	431.5	441.5	451.2	460.1	468.0	473.5	476.8
65°	427.8	441.3	454.8	467.4	479.0	487.5	496.3	504.7	512.6	518.9	523.5
62.5°	469.2	482.6	494.0	504.6	514.5	523.0	531.7	539.4	546.2	552.2	557.7
60°	500.9	514.5	525.6	535.4	544.6	553.1	560.0	565.7	570.3	574.1	577.6
57.5°	528.1	541.0	552.2	560.4	568.6	576.7	582.5	586.1	588.9	590.9	592.4
55°	551.4	561.9	571.2	580.3	588.3	595.3	600.5	602.9	604.4	605.2	606.0
52.5°	570.2	580.4	590.0	598.5	604.9	610.8	615.9	617.3	618.1	618.5	618.6
50°	587.4	597.3	604.9	612.2	618.7	624.1	628.5	630.5	631.7	631.9	631.2
47.5°	601.3	609.8	618.2	625.7	632.3	638.4	643.4	646.2	648.4	649.2	649.2
45°	613.5	623.5	632.4	641.1	648.7	656.8	663.7	668.3	673.0	676.2	677.8
42.5°	627.9	637.9	647.8	659.7	670.8	681.3	692.7	702.7	713.1	724.2	731.8
40°	642.5	653.4	668.6	683.0	699.2	713.9	737.9	761.8	780.0	795.5	809.5
37.5°	659.2	675.1	693.3	711.9	738.4	765.8	796.0	825.7	851.5	874.8	893.7
35°	678.5	699.7	722.0	755.2	788.8	822.6	858.8	898.3	931.8	956.3	973.8
32.5°	701.9	728.7	764.6	806.9	848.2	892.1	935.8	979.8	1012.8	1046.9	1081.1
30°	728.0	766.6	813.0	864.5	916.1	968.5	1023.3	1084.4	1142.4	1204.7	1294.0
27.5°	761.3	808.4	862.9	923.7	985.9	1048.3	1144.0	1248.7	1404.2	1528.4	1739.2
25°	796.8	851.9	916.9	987.4	1063.4	1175.1	1350.1	1556.9	1923.3	2207.5	2638.6
22.5°	836.4	901.2	973.1	1054.1	1176.5	1387.4	1686.6	2217.6	2956.6	3686.3	4497.9
20°	875.5	947.2	1025.9	1148.4	1356.5	1690.0	2338.0	3486.2	4768.5	6594.2	8126.6
17.5°	912.6	988.7	1088.5	1254.3	1565.8	2236.5	3491.7	5458.4	8136.6	11079.6	13533.8
15°	945.1	1022.9	1157.3	1419.9	1946.1	2990.7	4886.2	8233.2	12733.1	16762.6	20356.5
12.5°	972.6	1064.7	1231.9	1553.6	2276.4	3822.7	6863.1	11615.8	17111.0	22762.0	27310.2
10°	992.5	1109.1	1331.6	1800.9	2801.0	4812.7	8510.9	14505.9	21122.4	27990.8	36212.8
7.5°	1004.6	1140.9	1407.1	1984.6	3269.0	5915.1	10577.8	17086.3	24684.5	34060.5	46622.7
5°	1013.3	1162.4	1463.1	2122.8	3581.8	6643.9	11882.9	19041.4	27757.9	41315.1	67168.8
2.5°	1017.5	1171.9	1494.8	2198.7	3724.3	7018.6	12801.4	20160.9	29627.9	46432.8	81402.0
0°	1015.8	1166.7	1498.6	2216.0	3744.8	7305.1	12954.1	20480.5	30259.7	46891.5	85965.0
-2.5°	1017.5	1171.9	1494.8	2198.7	3724.3	7018.6	12801.4	20160.9	29627.9	46432.8	81402.0
-5°	1013.3	1162.4	1463.1	2122.8	3581.8	6643.9	11882.9	19041.4	27757.9	41315.1	67168.8
-7.5°	1004.6	1140.9	1407.1	1984.6	3269.0	5915.1	10577.8	17086.3	24684.5	34060.5	46622.7
-10°	992.5	1109.1	1331.6	1800.9	2801.0	4812.7	8510.9	14505.9	21122.4	27990.8	36212.8
-12.5°	972.6	1064.7	1231.9	1553.6	2276.4	3822.7	6863.1	11615.8	17111.0	22762.0	27310.2
-15°	945.1	1022.9	1157.3	1419.9	1946.1	2990.7	4886.2	8233.2	12733.1	16762.6	20356.5
-17.5°	912.6	988.7	1088.5	1254.3	1565.8	2236.5	3491.7	5458.4	8136.6	11079.6	13533.8
-20°	875.5	947.2	1025.9	1148.4	1356.5	1690.0	2338.0	3486.2	4768.5	6594.2	8126.6



REPORT NUMBER: P559256 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	836.4	901.2	973.1	1054.1	1176.5	1387.4	1686.6	2217.6	2956.6	3686.3	4497.9
-25°	796.8	851.9	916.9	987.4	1063.4	1175.1	1350.1	1556.9	1923.3	2207.5	2638.6
-27.5°	761.3	808.4	862.9	923.7	985.9	1048.3	1144.0	1248.7	1404.2	1528.4	1739.2
-30°	728.0	766.6	813.0	864.5	916.1	968.5	1023.3	1084.4	1142.4	1204.7	1294.0
-32.5°	701.9	728.7	764.6	806.9	848.2	892.1	935.8	979.8	1012.8	1046.9	1081.1
-35°	678.5	699.7	722.0	755.2	788.8	822.6	858.8	898.3	931.8	956.3	973.8
-37.5°	659.2	675.1	693.3	711.9	738.4	765.8	796.0	825.7	851.5	874.8	893.7
-40°	642.5	653.4	668.6	683.0	699.2	713.9	737.9	761.8	780.0	795.5	809.5
-42.5°	627.9	637.9	647.8	659.7	670.8	681.3	692.7	702.7	713.1	724.2	731.8
-45°	613.5	623.5	632.4	641.1	648.7	656.8	663.7	668.3	673.0	676.2	677.8
-47.5°	601.3	609.8	618.2	625.7	632.3	638.4	643.4	646.2	648.4	649.2	649.2
-50°	587.4	597.3	604.9	612.2	618.7	624.1	628.5	630.5	631.7	631.9	631.2
-52.5°	570.2	580.4	590.0	598.5	604.9	610.8	615.9	617.3	618.1	618.5	618.6
-55°	551.4	561.9	571.2	580.3	588.3	595.3	600.5	602.9	604.4	605.2	606.0
-57.5°	528.1	541.0	552.2	560.4	568.6	576.7	582.5	586.1	588.9	590.9	592.4
-60°	500.9	514.5	525.6	535.4	544.6	553.1	560.0	565.7	570.3	574.1	577.6
-62.5°	469.2	482.6	494.0	504.6	514.5	523.0	531.7	539.4	546.2	552.2	557.7
-65°	427.8	441.3	454.8	467.4	479.0	487.5	496.3	504.7	512.6	518.9	523.5
-67.5°	383.4	395.7	408.2	420.5	431.5	441.5	451.2	460.1	468.0	473.5	476.8
-70°	334.4	346.4	357.4	367.3	376.6	386.1	395.8	404.8	412.9	418.2	421.3
-72.5°	280.9	292.6	302.9	311.6	319.5	327.1	334.6	341.6	348.0	352.8	356.3
-75°	224.1	233.8	242.7	250.8	258.3	265.0	270.9	276.1	280.5	284.9	288.6
-77.5°	167.3	175.4	183.1	190.0	196.2	201.4	205.9	209.8	213.1	217.2	220.9
-80°	117.0	122.8	128.3	133.4	138.1	141.9	145.0	147.7	149.8	152.1	154.1
-82.5°	74.9	78.8	82.3	85.4	88.3	90.6	92.7	94.5	96.1	97.5	98.6
-85°	42.7	44.5	46.3	48.2	50.1	51.4	52.5	53.6	54.5	55.2	55.9
-87.5°	19.2	19.1	18.9	18.6	18.2	18.6	18.9	19.2	19.4	19.6	19.8
-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: P559256 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-TS-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°	19.9	20.0	20.1	20.1	20.1	20.0	19.9	19.8	19.6	19.4	19.2
85°	56.4	56.7	56.9	57.0	56.9	56.7	56.4	55.9	55.2	54.5	53.6
82.5°	99.5	100.1	100.5	100.6	100.5	100.1	99.5	98.6	97.5	96.1	94.5
80°	155.6	156.7	157.4	157.6	157.4	156.7	155.6	154.1	152.1	149.8	147.7
77.5°	224.1	226.6	227.7	228.0	227.7	226.6	224.1	220.9	217.2	213.1	209.8
75°	291.4	293.4	294.6	295.0	294.6	293.4	291.4	288.6	284.9	280.5	276.1
72.5°	358.8	360.3	363.2	365.4	363.2	360.3	358.8	356.3	352.8	348.0	341.6
70°	423.2	424.0	426.8	429.1	426.8	424.0	423.2	421.3	418.2	412.9	404.8
67.5°	479.3	480.9	480.8	479.4	480.8	480.9	479.3	476.8	473.5	468.0	460.1
65°	527.5	530.8	531.0	529.7	531.0	530.8	527.5	523.5	518.9	512.6	504.7
62.5°	562.9	567.6	569.5	569.9	569.5	567.6	562.9	557.7	552.2	546.2	539.4
60°	580.3	582.3	583.1	583.3	583.1	582.3	580.3	577.6	574.1	570.3	565.7
57.5°	593.1	593.1	593.3	593.4	593.3	593.1	593.1	592.4	590.9	588.9	586.1
55°	606.4	606.4	605.3	603.5	605.3	606.4	606.4	606.0	605.2	604.4	602.9
52.5°	618.1	617.1	615.5	613.5	615.5	617.1	618.1	618.6	618.5	618.1	617.3
50°	629.8	627.7	626.7	626.9	626.7	627.7	629.8	631.2	631.9	631.7	630.5
47.5°	648.6	647.2	646.6	647.0	646.6	647.2	648.6	649.2	649.2	648.4	646.2
45°	678.4	677.3	676.5	677.2	676.5	677.3	678.4	677.8	676.2	673.0	668.3
42.5°	736.0	736.5	736.2	737.6	736.2	736.5	736.0	731.8	724.2	713.1	702.7
40°	815.1	814.7	812.0	811.3	812.0	814.7	815.1	809.5	795.5	780.0	761.8
37.5°	901.4	901.5	898.7	898.5	898.7	901.5	901.4	893.7	874.8	851.5	825.7
35°	982.9	986.0	985.4	982.3	985.4	986.0	982.9	973.8	956.3	931.8	898.3
32.5°	1105.4	1124.2	1134.0	1129.8	1134.0	1124.2	1105.4	1081.1	1046.9	1012.8	979.8
30°	1350.1	1398.3	1423.8	1434.9	1423.8	1398.3	1350.1	1294.0	1204.7	1142.4	1084.4
27.5°	1890.1	1996.7	2044.6	2061.8	2044.6	1996.7	1890.1	1739.2	1528.4	1404.2	1248.7
25°	3015.2	3256.0	3374.7	3412.9	3374.7	3256.0	3015.2	2638.6	2207.5	1923.3	1556.9
22.5°	5391.6	5855.1	6172.1	6242.4	6172.1	5855.1	5391.6	4497.9	3686.3	2956.6	2217.6
20°	9667.2	10563.7	11050.0	11006.3	11050.0	10563.7	9667.2	8126.6	6594.2	4768.5	3486.2
17.5°	15619.9	16769.4	17316.7	17060.9	17316.7	16769.4	15619.9	13533.8	11079.6	8136.6	5458.4
15°	22898.3	24451.3	25128.7	25338.3	25128.7	24451.3	22898.3	20356.5	16762.6	12733.1	8233.2
12.5°	31850.4	36941.8	39376.6	40029.0	39376.6	36941.8	31850.4	27310.2	22762.0	17111.0	11615.8
10°	44622.7	61736.9	71916.5	74402.2	71916.5	61736.9	44622.7	36212.8	27990.8	21122.4	14505.9
7.5°	72872.7	107650.1	146608.9	165057.5	146608.9	107650.1	72872.7	46622.7	34060.5	24684.5	17086.3
5°	111130.6	192876.3	283077.5	318438.1	283077.5	192876.3	111130.6	67168.8	41315.1	27757.9	19041.4
2.5°	157639.7	291228.3	415864.4	462326.1	415864.4	291228.3	157639.7	81402.0	46432.8	29627.9	20160.9
0°	177289.1	335753.8	458192.5	497991.8	458192.5	335753.8	177289.1	85965.0	46891.5	30259.7	20480.5
-2.5°	157639.7	291228.3	415864.4	462326.1	415864.4	291228.3	157639.7	81402.0	46432.8	29627.9	20160.9
-5°	111130.6	192876.3	283077.5	318438.1	283077.5	192876.3	111130.6	67168.8	41315.1	27757.9	19041.4
-7.5°	72872.7	107650.1	146608.9	165057.5	146608.9	107650.1	72872.7	46622.7	34060.5	24684.5	17086.3
-10°	44622.7	61736.9	71916.5	74402.2	71916.5	61736.9	44622.7	36212.8	27990.8	21122.4	14505.9
-12.5°	31850.4	36941.8	39376.6	40029.0	39376.6	36941.8	31850.4	27310.2	22762.0	17111.0	11615.8
-15°	22898.3	24451.3	25128.7	25338.3	25128.7	24451.3	22898.3	20356.5	16762.6	12733.1	8233.2
-17.5°	15619.9	16769.4	17316.7	17060.9	17316.7	16769.4	15619.9	13533.8	11079.6	8136.6	5458.4
-20°	9667.2	10563.7	11050.0	11006.3	11050.0	10563.7	9667.2	8126.6	6594.2	4768.5	3486.2



REPORT NUMBER: P559256 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5391.6	5855.1	6172.1	6242.4	6172.1	5855.1	5391.6	4497.9	3686.3	2956.6	2217.6
-25°	3015.2	3256.0	3374.7	3412.9	3374.7	3256.0	3015.2	2638.6	2207.5	1923.3	1556.9
-27.5°	1890.1	1996.7	2044.6	2061.8	2044.6	1996.7	1890.1	1739.2	1528.4	1404.2	1248.7
-30°	1350.1	1398.3	1423.8	1434.9	1423.8	1398.3	1350.1	1294.0	1204.7	1142.4	1084.4
-32.5°	1105.4	1124.2	1134.0	1129.8	1134.0	1124.2	1105.4	1081.1	1046.9	1012.8	979.8
-35°	982.9	986.0	985.4	982.3	985.4	986.0	982.9	973.8	956.3	931.8	898.3
-37.5°	901.4	901.5	898.7	898.5	898.7	901.5	901.4	893.7	874.8	851.5	825.7
-40°	815.1	814.7	812.0	811.3	812.0	814.7	815.1	809.5	795.5	780.0	761.8
-42.5°	736.0	736.5	736.2	737.6	736.2	736.5	736.0	731.8	724.2	713.1	702.7
-45°	678.4	677.3	676.5	677.2	676.5	677.3	678.4	677.8	676.2	673.0	668.3
-47.5°	648.6	647.2	646.6	647.0	646.6	647.2	648.6	649.2	649.2	648.4	646.2
-50°	629.8	627.7	626.7	626.9	626.7	627.7	629.8	631.2	631.9	631.7	630.5
-52.5°	618.1	617.1	615.5	613.5	615.5	617.1	618.1	618.6	618.5	618.1	617.3
-55°	606.4	606.4	605.3	603.5	605.3	606.4	606.4	606.0	605.2	604.4	602.9
-57.5°	593.1	593.1	593.3	593.4	593.3	593.1	593.1	592.4	590.9	588.9	586.1
-60°	580.3	582.3	583.1	583.3	583.1	582.3	580.3	577.6	574.1	570.3	565.7
-62.5°	562.9	567.6	569.5	569.9	569.5	567.6	562.9	557.7	552.2	546.2	539.4
-65°	527.5	530.8	531.0	529.7	531.0	530.8	527.5	523.5	518.9	512.6	504.7
-67.5°	479.3	480.9	480.8	479.4	480.8	480.9	479.3	476.8	473.5	468.0	460.1
-70°	423.2	424.0	426.8	429.1	426.8	424.0	423.2	421.3	418.2	412.9	404.8
-72.5°	358.8	360.3	363.2	365.4	363.2	360.3	358.8	356.3	352.8	348.0	341.6
-75°	291.4	293.4	294.6	295.0	294.6	293.4	291.4	288.6	284.9	280.5	276.1
-77.5°	224.1	226.6	227.7	228.0	227.7	226.6	224.1	220.9	217.2	213.1	209.8
-80°	155.6	156.7	157.4	157.6	157.4	156.7	155.6	154.1	152.1	149.8	147.7
-82.5°	99.5	100.1	100.5	100.6	100.5	100.1	99.5	98.6	97.5	96.1	94.5
-85°	56.4	56.7	56.9	57.0	56.9	56.7	56.4	55.9	55.2	54.5	53.6
-87.5°	19.9	20.0	20.1	20.1	20.1	20.0	19.9	19.8	19.6	19.4	19.2
-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: P559256 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-TS-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°	18.9	18.6	18.2	18.6	18.9	19.1	19.2	18.6	18.0	17.3	16.6
85°	52.5	51.4	50.1	48.2	46.3	44.5	42.7	40.6	38.6	36.6	34.6
82.5°	92.7	90.6	88.3	85.4	82.3	78.8	74.9	70.8	66.3	61.4	56.3
80°	145.0	141.9	138.1	133.4	128.3	122.8	117.0	111.0	104.3	97.7	91.8
77.5°	205.9	201.4	196.2	190.0	183.1	175.4	167.3	160.2	153.0	144.9	135.5
75°	270.9	265.0	258.3	250.8	242.7	233.8	224.1	213.6	203.0	192.5	181.2
72.5°	334.6	327.1	319.5	311.6	302.9	292.6	280.9	268.0	254.3	240.0	225.6
70°	395.8	386.1	376.6	367.3	357.4	346.4	334.4	321.1	306.7	290.6	272.7
67.5°	451.2	441.5	431.5	420.5	408.2	395.7	383.4	370.9	355.9	338.9	319.0
65°	496.3	487.5	479.0	467.4	454.8	441.3	427.8	413.3	398.3	382.7	363.9
62.5°	531.7	523.0	514.5	504.6	494.0	482.6	469.2	453.2	436.9	420.0	400.6
60°	560.0	553.1	544.6	535.4	525.6	514.5	500.9	487.1	473.3	454.7	435.2
57.5°	582.5	576.7	568.6	560.4	552.2	541.0	528.1	514.5	499.4	484.5	467.7
55°	600.5	595.3	588.3	580.3	571.2	561.9	551.4	538.6	523.9	509.8	493.0
52.5°	615.9	610.8	604.9	598.5	590.0	580.4	570.2	558.4	546.3	532.0	516.3
50°	628.5	624.1	618.7	612.2	604.9	597.3	587.4	576.1	565.2	552.1	536.9
47.5°	643.4	638.4	632.3	625.7	618.2	609.8	601.3	592.9	582.1	570.5	555.4
45°	663.7	656.8	648.7	641.1	632.4	623.5	613.5	605.6	597.2	585.7	573.2
42.5°	692.7	681.3	670.8	659.7	647.8	637.9	627.9	618.7	609.7	599.6	586.6
40°	737.9	713.9	699.2	683.0	668.6	653.4	642.5	631.4	621.8	611.9	599.1
37.5°	796.0	765.8	738.4	711.9	693.3	675.1	659.2	645.9	632.8	622.4	609.8
35°	858.8	822.6	788.8	755.2	722.0	699.7	678.5	661.7	646.5	632.1	619.8
32.5°	935.8	892.1	848.2	806.9	764.6	728.7	701.9	678.5	659.7	643.5	629.1
30°	1023.3	968.5	916.1	864.5	813.0	766.6	728.0	698.3	673.8	654.4	638.6
27.5°	1144.0	1048.3	985.9	923.7	862.9	808.4	761.3	719.7	688.8	666.1	647.7
25°	1350.1	1175.1	1063.4	987.4	916.9	851.9	796.8	747.9	707.5	677.5	654.5
22.5°	1686.6	1387.4	1176.5	1054.1	973.1	901.2	836.4	777.6	724.8	688.4	662.4
20°	2338.0	1690.0	1356.5	1148.4	1025.9	947.2	875.5	808.9	747.6	700.3	669.3
17.5°	3491.7	2236.5	1565.8	1254.3	1088.5	988.7	912.6	837.7	769.1	710.1	674.7
15°	4886.2	2990.7	1946.1	1419.9	1157.3	1022.9	945.1	863.7	789.8	723.2	682.0
12.5°	6863.1	3822.7	2276.4	1553.6	1231.9	1064.7	972.6	889.4	809.1	737.2	688.2
10°	8510.9	4812.7	2801.0	1800.9	1331.6	1109.1	992.5	904.8	819.9	747.1	692.3
7.5°	10577.8	5915.1	3269.0	1984.6	1407.1	1140.9	1004.6	913.0	825.7	753.2	694.4
5°	11882.9	6643.9	3581.8	2122.8	1463.1	1162.4	1013.3	916.1	826.8	755.8	694.7
2.5°	12801.4	7018.6	3724.3	2198.7	1494.8	1171.9	1017.5	918.2	830.9	758.1	698.3
0°	12954.1	7305.1	3744.8	2216.0	1498.6	1166.7	1015.8	918.6	834.8	757.7	700.7
-2.5°	12801.4	7018.6	3724.3	2198.7	1494.8	1171.9	1017.5	918.2	830.9	758.1	698.3
-5°	11882.9	6643.9	3581.8	2122.8	1463.1	1162.4	1013.3	916.1	826.8	755.8	694.7
-7.5°	10577.8	5915.1	3269.0	1984.6	1407.1	1140.9	1004.6	913.0	825.7	753.2	694.4
-10°	8510.9	4812.7	2801.0	1800.9	1331.6	1109.1	992.5	904.8	819.9	747.1	692.3
-12.5°	6863.1	3822.7	2276.4	1553.6	1231.9	1064.7	972.6	889.4	809.1	737.2	688.2
-15°	4886.2	2990.7	1946.1	1419.9	1157.3	1022.9	945.1	863.7	789.8	723.2	682.0
-17.5°	3491.7	2236.5	1565.8	1254.3	1088.5	988.7	912.6	837.7	769.1	710.1	674.7
-20°	2338.0	1690.0	1356.5	1148.4	1025.9	947.2	875.5	808.9	747.6	700.3	669.3



REPORT NUMBER: P559256 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-TS-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1686.6	1387.4	1176.5	1054.1	973.1	901.2	836.4	777.6	724.8	688.4	662.4
-25°	1350.1	1175.1	1063.4	987.4	916.9	851.9	796.8	747.9	707.5	677.5	654.5
-27.5°	1144.0	1048.3	985.9	923.7	862.9	808.4	761.3	719.7	688.8	666.1	647.7
-30°	1023.3	968.5	916.1	864.5	813.0	766.6	728.0	698.3	673.8	654.4	638.6
-32.5°	935.8	892.1	848.2	806.9	764.6	728.7	701.9	678.5	659.7	643.5	629.1
-35°	858.8	822.6	788.8	755.2	722.0	699.7	678.5	661.7	646.5	632.1	619.8
-37.5°	796.0	765.8	738.4	711.9	693.3	675.1	659.2	645.9	632.8	622.4	609.8
-40°	737.9	713.9	699.2	683.0	668.6	653.4	642.5	631.4	621.8	611.9	599.1
-42.5°	692.7	681.3	670.8	659.7	647.8	637.9	627.9	618.7	609.7	599.6	586.6
-45°	663.7	656.8	648.7	641.1	632.4	623.5	613.5	605.6	597.2	585.7	573.2
-47.5°	643.4	638.4	632.3	625.7	618.2	609.8	601.3	592.9	582.1	570.5	555.4
-50°	628.5	624.1	618.7	612.2	604.9	597.3	587.4	576.1	565.2	552.1	536.9
-52.5°	615.9	610.8	604.9	598.5	590.0	580.4	570.2	558.4	546.3	532.0	516.3
-55°	600.5	595.3	588.3	580.3	571.2	561.9	551.4	538.6	523.9	509.8	493.0
-57.5°	582.5	576.7	568.6	560.4	552.2	541.0	528.1	514.5	499.4	484.5	467.7
-60°	560.0	553.1	544.6	535.4	525.6	514.5	500.9	487.1	473.3	454.7	435.2
-62.5°	531.7	523.0	514.5	504.6	494.0	482.6	469.2	453.2	436.9	420.0	400.6
-65°	496.3	487.5	479.0	467.4	454.8	441.3	427.8	413.3	398.3	382.7	363.9
-67.5°	451.2	441.5	431.5	420.5	408.2	395.7	383.4	370.9	355.9	338.9	319.0
-70°	395.8	386.1	376.6	367.3	357.4	346.4	334.4	321.1	306.7	290.6	272.7
-72.5°	334.6	327.1	319.5	311.6	302.9	292.6	280.9	268.0	254.3	240.0	225.6
-75°	270.9	265.0	258.3	250.8	242.7	233.8	224.1	213.6	203.0	192.5	181.2
-77.5°	205.9	201.4	196.2	190.0	183.1	175.4	167.3	160.2	153.0	144.9	135.5
-80°	145.0	141.9	138.1	133.4	128.3	122.8	117.0	111.0	104.3	97.7	91.8
-82.5°	92.7	90.6	88.3	85.4	82.3	78.8	74.9	70.8	66.3	61.4	56.3
-85°	52.5	51.4	50.1	48.2	46.3	44.5	42.7	40.6	38.6	36.6	34.6
-87.5°	18.9	18.6	18.2	18.6	18.9	19.1	19.2	18.6	18.0	17.3	16.6
-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: P559256 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-TS-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°	15.9	15.1	14.3	13.5	12.6	11.7	10.8	9.9	9.0	8.0	7.1
85°	33.2	31.6	29.8	27.9	25.8	23.5	21.7	19.8	18.0	16.1	14.1
82.5°	52.4	49.9	47.7	45.2	42.9	40.2	37.0	33.2	28.7	24.3	21.1
80°	86.2	80.4	74.4	68.2	62.2	56.9	53.2	48.6	42.3	36.2	30.3
77.5°	125.2	115.1	105.1	96.4	87.4	79.0	71.4	64.1	55.8	47.9	40.3
75°	168.3	154.9	141.8	128.7	114.7	100.8	90.5	80.8	70.6	59.8	50.3
72.5°	211.1	195.6	179.3	162.2	146.1	129.6	112.7	97.4	85.8	73.6	60.8
70°	254.5	236.6	218.4	198.6	178.4	158.4	139.2	119.9	101.1	87.4	73.1
67.5°	298.1	276.9	256.1	234.5	211.6	188.6	165.7	143.4	121.8	101.1	85.2
65°	340.8	317.0	292.6	269.0	244.3	218.6	193.0	166.9	142.0	118.7	97.2
62.5°	379.9	356.9	330.3	303.6	276.5	248.5	219.6	191.1	162.2	135.8	111.0
60°	414.5	391.0	366.7	338.4	308.6	278.3	246.9	214.9	183.6	152.5	125.3
57.5°	445.8	423.3	398.1	371.1	340.5	307.7	273.8	239.0	204.6	170.6	139.1
55°	474.8	452.0	427.9	400.5	370.3	336.4	300.1	262.9	225.2	188.7	152.7
52.5°	498.2	478.1	454.4	427.9	397.4	363.9	326.0	286.1	246.1	206.3	168.1
50°	519.5	500.6	478.3	452.0	423.2	388.5	351.2	309.1	266.3	223.7	183.2
47.5°	538.8	520.6	499.4	474.5	444.9	412.2	373.7	331.6	285.9	241.0	197.6
45°	556.0	538.3	518.4	494.0	465.9	432.6	394.7	353.4	305.5	257.8	211.5
42.5°	571.8	553.9	534.5	513.0	484.0	451.5	414.9	372.0	324.4	274.0	225.2
40°	584.2	567.7	549.3	527.2	500.8	469.8	431.9	389.5	342.6	289.7	238.7
37.5°	595.9	579.5	561.3	540.7	516.0	484.5	448.0	406.1	359.0	304.9	251.5
35°	605.6	589.9	571.9	551.9	527.8	498.6	463.6	421.1	372.8	319.1	263.5
32.5°	614.8	599.1	580.8	561.0	539.1	511.9	476.7	434.0	385.8	332.5	274.9
30°	623.1	606.3	589.0	569.2	548.7	521.8	487.8	446.0	397.9	344.8	285.5
27.5°	630.1	612.5	596.2	576.4	555.7	530.7	497.9	457.1	409.1	355.6	295.5
25°	636.5	618.3	601.4	582.8	561.9	539.0	507.4	467.2	418.6	364.7	304.6
22.5°	642.2	623.6	605.8	588.7	567.3	546.6	515.2	474.8	426.8	372.9	312.8
20°	647.3	628.2	609.3	593.1	571.9	551.1	521.4	481.8	434.1	380.2	320.2
17.5°	651.8	632.2	612.8	595.8	575.8	555.0	527.0	488.0	440.6	386.6	326.5
15°	655.8	635.2	615.8	597.9	579.0	558.2	531.9	493.4	446.1	392.2	332.0
12.5°	659.1	637.3	618.2	599.6	581.4	560.8	536.2	498.0	450.6	396.8	336.6
10°	661.8	638.4	620.0	600.7	583.0	562.8	539.8	501.7	454.3	400.4	340.2
7.5°	663.6	638.8	621.1	601.3	584.2	564.3	542.0	504.3	457.0	403.2	342.9
5°	665.3	639.6	622.3	602.5	585.6	565.5	543.2	505.9	458.7	405.0	344.6
2.5°	668.4	641.9	623.3	603.2	586.4	566.3	543.6	506.5	459.5	405.8	345.4
0°	670.5	643.7	623.6	603.5	586.7	566.6	543.1	506.2	459.3	405.7	345.3
-2.5°	668.4	641.9	623.3	603.2	586.4	566.3	543.6	506.5	459.5	405.8	345.4
-5°	665.3	639.6	622.3	602.5	585.6	565.5	543.2	505.9	458.7	405.0	344.6
-7.5°	663.6	638.8	621.1	601.3	584.2	564.3	542.0	504.3	457.0	403.2	342.9
-10°	661.8	638.4	620.0	600.7	583.0	562.8	539.8	501.7	454.3	400.4	340.2
-12.5°	659.1	637.3	618.2	599.6	581.4	560.8	536.2	498.0	450.6	396.8	336.6
-15°	655.8	635.2	615.8	597.9	579.0	558.2	531.9	493.4	446.1	392.2	332.0
-17.5°	651.8	632.2	612.8	595.8	575.8	555.0	527.0	488.0	440.6	386.6	326.5
-20°	647.3	628.2	609.3	593.1	571.9	551.1	521.4	481.8	434.1	380.2	320.2



REPORT NUMBER: P559256 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-TS-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	642.2	623.6	605.8	588.7	567.3	546.6	515.2	474.8	426.8	372.9	312.8
-25°	636.5	618.3	601.4	582.8	561.9	539.0	507.4	467.2	418.6	364.7	304.6
-27.5°	630.1	612.5	596.2	576.4	555.7	530.7	497.9	457.1	409.1	355.6	295.5
-30°	623.1	606.3	589.0	569.2	548.7	521.8	487.8	446.0	397.9	344.8	285.5
-32.5°	614.8	599.1	580.8	561.0	539.1	511.9	476.7	434.0	385.8	332.5	274.9
-35°	605.6	589.9	571.9	551.9	527.8	498.6	463.6	421.1	372.8	319.1	263.5
-37.5°	595.9	579.5	561.3	540.7	516.0	484.5	448.0	406.1	359.0	304.9	251.5
-40°	584.2	567.7	549.3	527.2	500.8	469.8	431.9	389.5	342.6	289.7	238.7
-42.5°	571.8	553.9	534.5	513.0	484.0	451.5	414.9	372.0	324.4	274.0	225.2
-45°	556.0	538.3	518.4	494.0	465.9	432.6	394.7	353.4	305.5	257.8	211.5
-47.5°	538.8	520.6	499.4	474.5	444.9	412.2	373.7	331.6	285.9	241.0	197.6
-50°	519.5	500.6	478.3	452.0	423.2	388.5	351.2	309.1	266.3	223.7	183.2
-52.5°	498.2	478.1	454.4	427.9	397.4	363.9	326.0	286.1	246.1	206.3	168.1
-55°	474.8	452.0	427.9	400.5	370.3	336.4	300.1	262.9	225.2	188.7	152.7
-57.5°	445.8	423.3	398.1	371.1	340.5	307.7	273.8	239.0	204.6	170.6	139.1
-60°	414.5	391.0	366.7	338.4	308.6	278.3	246.9	214.9	183.6	152.5	125.3
-62.5°	379.9	356.9	330.3	303.6	276.5	248.5	219.6	191.1	162.2	135.8	111.0
-65°	340.8	317.0	292.6	269.0	244.3	218.6	193.0	166.9	142.0	118.7	97.2
-67.5°	298.1	276.9	256.1	234.5	211.6	188.6	165.7	143.4	121.8	101.1	85.2
-70°	254.5	236.6	218.4	198.6	178.4	158.4	139.2	119.9	101.1	87.4	73.1
-72.5°	211.1	195.6	179.3	162.2	146.1	129.6	112.7	97.4	85.8	73.6	60.8
-75°	168.3	154.9	141.8	128.7	114.7	100.8	90.5	80.8	70.6	59.8	50.3
-77.5°	125.2	115.1	105.1	96.4	87.4	79.0	71.4	64.1	55.8	47.9	40.3
-80°	86.2	80.4	74.4	68.2	62.2	56.9	53.2	48.6	42.3	36.2	30.3
-82.5°	52.4	49.9	47.7	45.2	42.9	40.2	37.0	33.2	28.7	24.3	21.1
-85°	33.2	31.6	29.8	27.9	25.8	23.5	21.7	19.8	18.0	16.1	14.1
-87.5°	15.9	15.1	14.3	13.5	12.6	11.7	10.8	9.9	9.0	8.0	7.1
-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: P559256 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-TS-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°	6.1	5.3	4.4	3.4	2.3	1.2	0.0
85°	12.2	10.5	8.7	6.8	4.7	2.3	0.0
82.5°	18.2	15.8	13.1	10.2	7.0	3.5	0.0
80°	24.6	21.0	17.4	13.5	9.3	4.7	0.0
77.5°	33.1	26.9	21.7	16.9	11.6	5.8	0.0
75°	41.6	34.0	26.3	20.2	13.9	6.9	0.0
72.5°	50.0	41.0	31.9	23.5	16.1	8.1	0.0
70°	58.6	48.0	37.5	26.9	18.3	9.2	0.0
67.5°	69.2	54.8	43.0	31.0	20.5	10.3	0.0
65°	79.5	62.4	48.3	35.1	22.6	11.3	0.0
62.5°	89.6	70.7	53.6	39.1	24.7	12.4	0.0
60°	99.5	78.9	58.8	42.9	26.8	13.4	0.0
57.5°	111.2	86.7	65.0	46.7	29.3	14.4	0.0
55°	122.8	94.4	71.1	50.5	31.7	15.4	0.0
52.5°	134.2	102.1	77.0	54.1	34.1	16.3	0.0
50°	145.1	111.3	82.6	57.5	36.3	17.2	0.0
47.5°	156.0	120.1	88.1	61.1	38.5	18.1	0.0
45°	167.8	128.5	93.3	65.0	40.6	18.9	0.0
42.5°	179.1	136.7	98.2	68.7	42.7	19.8	0.0
40°	189.8	144.4	103.7	72.2	44.6	20.5	0.0
37.5°	199.9	151.8	109.6	75.4	46.4	21.3	0.0
35°	209.4	159.4	115.1	78.4	48.2	22.0	0.0
32.5°	218.6	166.8	120.4	81.2	49.8	22.6	0.0
30°	227.6	173.8	125.2	83.8	51.3	23.2	0.0
27.5°	236.0	180.1	129.7	86.2	52.7	23.8	0.0
25°	243.7	186.0	133.7	88.3	54.0	24.3	0.0
22.5°	250.7	191.3	137.5	90.2	55.2	24.8	0.0
20°	256.9	196.1	140.9	91.9	56.3	25.2	0.0
17.5°	262.6	200.4	143.9	93.4	57.2	25.6	0.0
15°	267.6	204.2	146.6	94.6	58.0	25.9	0.0
12.5°	271.9	207.3	148.9	95.6	58.7	26.2	0.0
10°	275.4	209.9	150.8	96.4	59.3	26.4	0.0
7.5°	278.1	212.0	152.3	96.9	59.7	26.6	0.0
5°	280.0	213.4	153.3	97.2	60.0	26.7	0.0
2.5°	281.2	214.3	154.0	97.3	60.2	26.8	0.0
0°	281.6	214.6	154.2	97.2	60.3	26.8	0.0
-2.5°	281.2	214.3	154.0	97.3	60.2	26.8	0.0
-5°	280.0	213.4	153.3	97.2	60.0	26.7	0.0
-7.5°	278.1	212.0	152.3	96.9	59.7	26.6	0.0
-10°	275.4	209.9	150.8	96.4	59.3	26.4	0.0
-12.5°	271.9	207.3	148.9	95.6	58.7	26.2	0.0
-15°	267.6	204.2	146.6	94.6	58.0	25.9	0.0
-17.5°	262.6	200.4	143.9	93.4	57.2	25.6	0.0
-20°	256.9	196.1	140.9	91.9	56.3	25.2	0.0



REPORT NUMBER: P559256 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-940-U-TS-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	250.7	191.3	137.5	90.2	55.2	24.8	0.0
-25°	243.7	186.0	133.7	88.3	54.0	24.3	0.0
-27.5°	236.0	180.1	129.7	86.2	52.7	23.8	0.0
-30°	227.6	173.8	125.2	83.8	51.3	23.2	0.0
-32.5°	218.6	166.8	120.4	81.2	49.8	22.6	0.0
-35°	209.4	159.4	115.1	78.4	48.2	22.0	0.0
-37.5°	199.9	151.8	109.6	75.4	46.4	21.3	0.0
-40°	189.8	144.4	103.7	72.2	44.6	20.5	0.0
-42.5°	179.1	136.7	98.2	68.7	42.7	19.8	0.0
-45°	167.8	128.5	93.3	65.0	40.6	18.9	0.0
-47.5°	156.0	120.1	88.1	61.1	38.5	18.1	0.0
-50°	145.1	111.3	82.6	57.5	36.3	17.2	0.0
-52.5°	134.2	102.1	77.0	54.1	34.1	16.3	0.0
-55°	122.8	94.4	71.1	50.5	31.7	15.4	0.0
-57.5°	111.2	86.7	65.0	46.7	29.3	14.4	0.0
-60°	99.5	78.9	58.8	42.9	26.8	13.4	0.0
-62.5°	89.6	70.7	53.6	39.1	24.7	12.4	0.0
-65°	79.5	62.4	48.3	35.1	22.6	11.3	0.0
-67.5°	69.2	54.8	43.0	31.0	20.5	10.3	0.0
-70°	58.6	48.0	37.5	26.9	18.3	9.2	0.0
-72.5°	50.0	41.0	31.9	23.5	16.1	8.1	0.0
-75°	41.6	34.0	26.3	20.2	13.9	6.9	0.0
-77.5°	33.1	26.9	21.7	16.9	11.6	5.8	0.0
-80°	24.6	21.0	17.4	13.5	9.3	4.7	0.0
-82.5°	18.2	15.8	13.1	10.2	7.0	3.5	0.0
-85°	12.2	10.5	8.7	6.8	4.7	2.3	0.0
-87.5°	6.1	5.3	4.4	3.4	2.3	1.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)