

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: P558825 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-930-U-TSB-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558825 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA3D-930-U-TSB-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, TIGHT SPOT BAFFLE N1
Light Source: (48) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

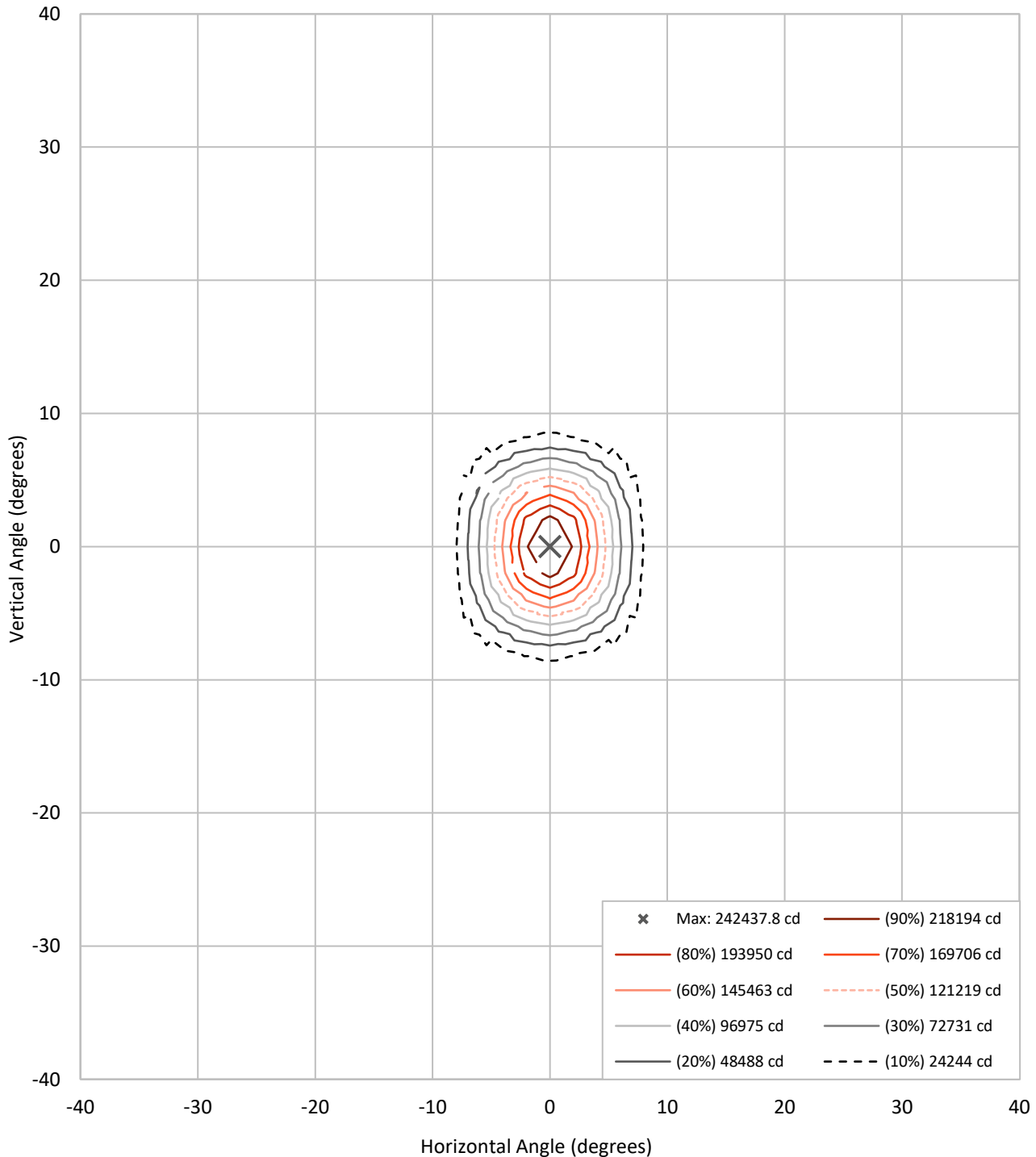
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	9441.1 lumens	Max Intensity:	242437.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	59.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	4046.6 lumens	Field Lumens:	6974.3 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 158
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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CATALOG NUMBER: GFLD-SA3D-930-U-TSB-XX

Iso-Candela Plot





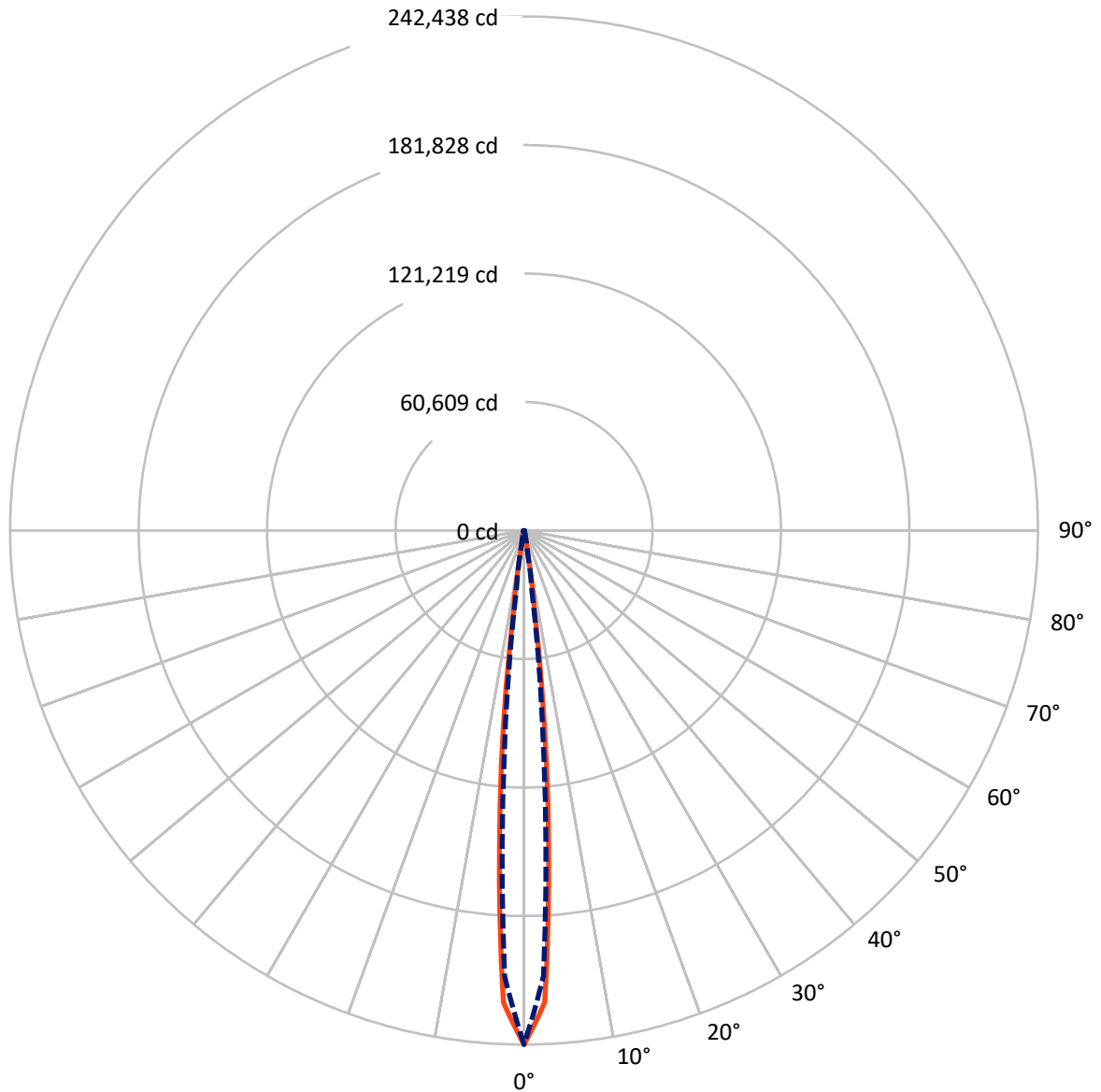
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Lumen Table

90	0.0	0.3	1.0	2.3	3.9	2.3	1.0	0.3	0.0							
80	0.0	0.3	1.0	2.3	3.9	2.3	1.0	0.3	0.0							
70	0.2	0.2	0.5	1.0	1.6	2.1	3.3	5.9	5.9	3.3	2.1	1.6	1.0	0.5	0.2	0.2
60		0.4	0.9	1.9	3.1	4.2	5.6	7.6	7.6	5.6	4.2	3.1	1.9	0.9	0.4	
50	0.5	0.7	1.5	3.0	5.3	8.0	10.3	12.3	12.3	10.3	8.0	5.3	3.0	1.5	0.7	0.5
40		1.0	2.1	4.6	8.3	11.2	12.6	13.4	13.4	12.6	11.2	8.3	4.6	2.1	1.0	
30	0.9	1.5	2.9	6.5	10.2	12.2	16.6	21.8	21.8	16.6	12.2	10.2	6.5	2.9	1.5	0.9
20		2.1	4.0	8.2	11.3	16.0	32.4	64.8	64.8	32.4	16.0	11.3	8.2	4.0	2.1	
10	1.1	2.3	4.8	9.2	11.7	20.5	64.1	1896.8	1896.8	64.1	20.5	11.7	9.2	4.8	2.3	1.1
0		2.3	4.8	9.2	11.7	20.5	64.1	1896.8	1896.8	64.1	20.5	11.7	9.2	4.8	2.3	
-10	0.9	2.1	4.0	8.2	11.3	16.0	32.4	64.8	64.8	32.4	16.0	11.3	8.2	4.0	2.1	0.9
-20		1.5	2.9	6.5	10.2	12.2	16.6	21.8	21.8	16.6	12.2	10.2	6.5	2.9	1.5	
-30	0.5	1.0	2.1	4.6	8.3	11.2	12.6	13.4	13.4	12.6	11.2	8.3	4.6	2.1	1.0	0.5
-40		0.7	1.5	3.0	5.3	8.0	10.3	12.3	12.3	10.3	8.0	5.3	3.0	1.5	0.7	
-50	0.2	0.4	0.9	1.9	3.1	4.2	5.6	7.6	7.6	5.6	4.2	3.1	1.9	0.9	0.4	0.2
-60		0.2	0.5	1.0	1.6	2.1	3.3	5.9	5.9	3.3	2.1	1.6	1.0	0.5	0.2	
-70	0.0	0.3	1.0	2.3	3.9	2.3	1.0	0.3	0.0							
-80		0.3	1.0	2.3	3.9	2.3	1.0	0.3	0.0							
-90	0.0	0.3	1.0	2.3	3.9	2.3	1.0	0.3	0.0							

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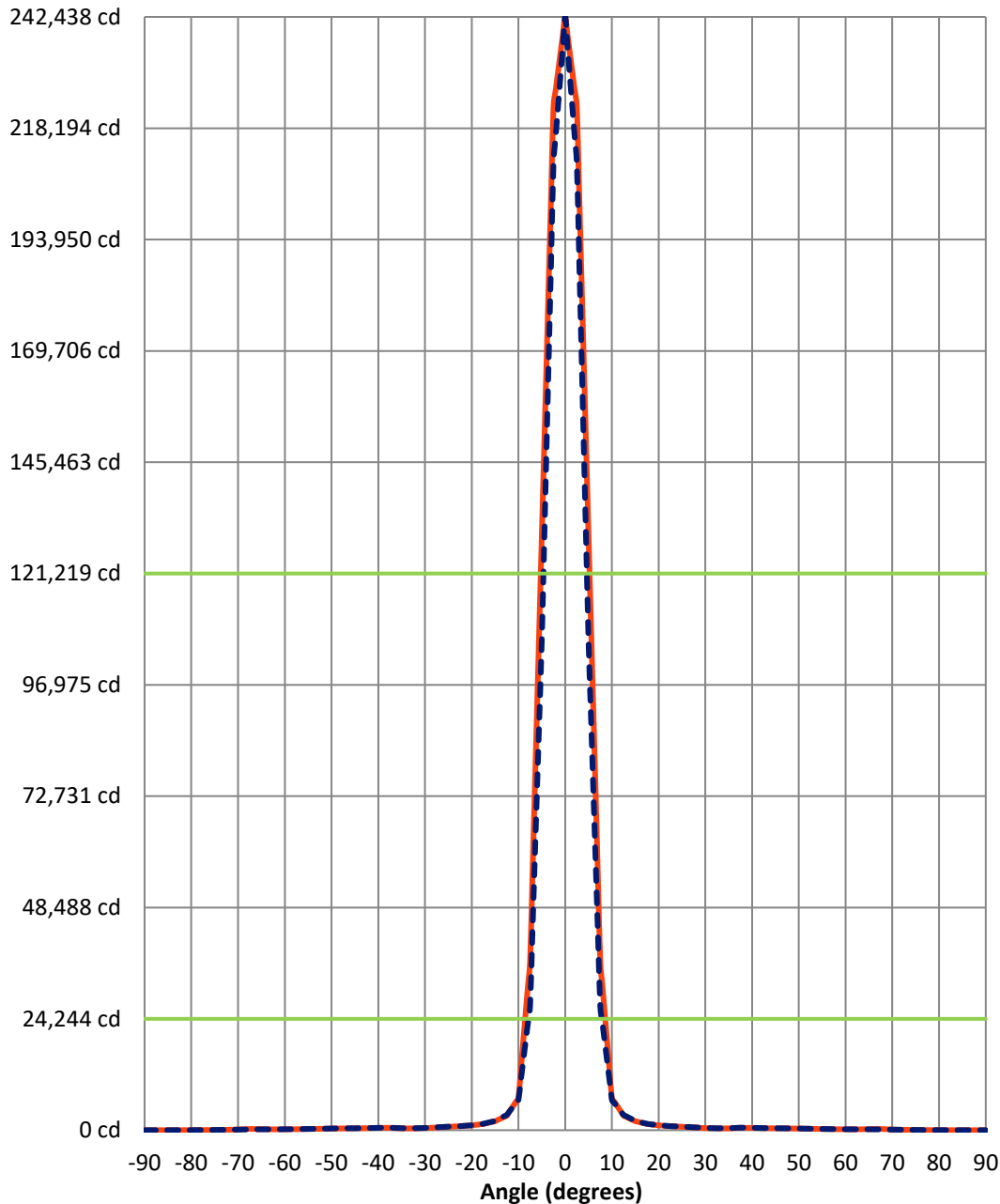
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 9.3°
 V Angle: 10.4°
 Lumens: 4046.6
 Efficiency: 42.9%

Field:
 H Angle: 15.7°
 V Angle: 17.1°
 Lumens: 6974.3
 Efficiency: 73.9%

Spill:
 Lumens: 2466.8
 Efficiency: 26.1%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	1.0	1.1	1.2
85°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.1	2.4
82.5°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.5	2.8	2.8	2.8
80°	0.0	0.5	1.0	1.5	1.9	2.4	2.8	2.8	2.8	2.8	2.8
77.5°	0.0	0.6	1.2	1.8	2.4	2.8	2.8	2.8	2.8	2.8	3.1
75°	0.0	0.7	1.4	2.2	2.8	2.8	2.8	2.8	2.9	3.7	4.2
72.5°	0.0	0.8	1.7	2.5	2.8	2.8	2.8	3.1	4.1	4.8	5.4
70°	0.0	1.0	1.9	2.8	2.8	2.8	2.9	4.2	5.2	6.1	7.5
67.5°	0.0	1.1	2.1	2.8	2.8	2.8	4.0	5.3	6.5	8.3	9.9
65°	0.0	1.2	2.4	2.8	2.8	3.3	5.0	6.5	8.5	10.5	12.6
62.5°	0.0	1.3	2.6	2.8	2.8	4.2	6.0	8.1	10.6	13.0	16.2
60°	0.0	1.4	2.8	2.8	2.8	5.1	7.1	10.0	12.7	16.5	19.9
57.5°	0.0	1.5	2.8	2.8	3.5	6.0	8.8	11.9	15.7	20.0	24.0
55°	0.0	1.6	2.8	2.8	4.2	6.9	10.7	14.0	18.9	23.6	28.5
52.5°	0.0	1.7	2.9	2.8	5.0	7.9	12.7	17.0	22.1	27.9	33.1
50°	0.0	1.8	2.9	2.8	5.7	9.6	14.7	20.4	25.6	32.2	38.6
47.5°	0.0	1.9	2.9	2.9	6.4	11.3	16.8	23.8	29.5	36.6	44.4
45°	0.0	2.0	3.0	3.4	7.1	13.1	19.9	27.3	34.2	42.1	50.4
42.5°	0.0	2.1	3.0	3.9	7.7	14.8	23.0	31.4	39.2	47.7	57.6
40°	0.0	2.1	3.0	4.4	8.8	16.6	26.2	35.8	44.6	53.5	65.1
37.5°	0.0	2.2	3.1	4.9	10.1	18.4	29.4	40.3	50.8	60.9	72.9
35°	0.0	2.3	3.2	5.3	11.4	20.6	32.6	44.9	57.0	69.5	80.4
32.5°	0.0	2.4	3.2	5.7	12.7	23.2	36.0	49.6	63.3	78.4	89.9
30°	0.0	2.4	3.3	6.0	14.0	25.6	39.8	54.5	69.7	87.5	100.6
27.5°	0.0	2.5	3.3	6.3	14.8	28.1	43.5	59.7	76.5	97.0	112.4
25°	0.0	2.5	3.4	6.5	15.4	30.4	47.2	64.8	84.3	106.8	125.1
22.5°	0.0	2.6	3.5	6.7	15.9	32.3	50.8	69.9	92.0	117.1	135.8
20°	0.0	2.6	3.6	6.9	16.3	33.0	54.3	74.8	99.7	127.9	146.4
17.5°	0.0	2.7	3.6	7.0	16.5	33.4	56.1	79.6	107.3	138.9	156.8
15°	0.0	2.7	3.7	7.1	16.6	33.6	56.8	83.0	114.6	150.1	167.0
12.5°	0.0	2.7	3.8	7.1	16.6	33.5	57.2	84.8	119.4	161.3	177.0
10°	0.0	2.8	3.8	7.1	16.5	33.3	57.3	86.4	121.8	165.6	184.0
7.5°	0.0	2.8	3.9	7.1	16.3	32.8	57.2	87.7	123.6	168.2	185.3
5°	0.0	2.8	4.0	7.0	16.0	32.1	56.8	88.7	124.9	169.9	186.3
2.5°	0.0	2.8	4.0	7.0	15.7	31.3	56.2	89.4	125.5	170.9	187.1
0°	0.0	2.8	4.1	6.9	15.2	30.3	55.2	89.6	125.5	171.0	187.6
-2.5°	0.0	2.8	4.0	7.0	15.7	31.3	56.2	89.4	125.5	170.9	187.1
-5°	0.0	2.8	4.0	7.0	16.0	32.1	56.8	88.7	124.9	169.9	186.3
-7.5°	0.0	2.8	3.9	7.1	16.3	32.8	57.2	87.7	123.6	168.2	185.3
-10°	0.0	2.8	3.8	7.1	16.5	33.3	57.3	86.4	121.8	165.6	184.0
-12.5°	0.0	2.7	3.8	7.1	16.6	33.5	57.2	84.8	119.4	161.3	177.0
-15°	0.0	2.7	3.7	7.1	16.6	33.6	56.8	83.0	114.6	150.1	167.0
-17.5°	0.0	2.7	3.6	7.0	16.5	33.4	56.1	79.6	107.3	138.9	156.8
-20°	0.0	2.6	3.6	6.9	16.3	33.0	54.3	74.8	99.7	127.9	146.4



REPORT NUMBER: P558825 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.6	3.5	6.7	15.9	32.3	50.8	69.9	92.0	117.1	135.8
-25°	0.0	2.5	3.4	6.5	15.4	30.4	47.2	64.8	84.3	106.8	125.1
-27.5°	0.0	2.5	3.3	6.3	14.8	28.1	43.5	59.7	76.5	97.0	112.4
-30°	0.0	2.4	3.3	6.0	14.0	25.6	39.8	54.5	69.7	87.5	100.6
-32.5°	0.0	2.4	3.2	5.7	12.7	23.2	36.0	49.6	63.3	78.4	89.9
-35°	0.0	2.3	3.2	5.3	11.4	20.6	32.6	44.9	57.0	69.5	80.4
-37.5°	0.0	2.2	3.1	4.9	10.1	18.4	29.4	40.3	50.8	60.9	72.9
-40°	0.0	2.1	3.0	4.4	8.8	16.6	26.2	35.8	44.6	53.5	65.1
-42.5°	0.0	2.1	3.0	3.9	7.7	14.8	23.0	31.4	39.2	47.7	57.6
-45°	0.0	2.0	3.0	3.4	7.1	13.1	19.9	27.3	34.2	42.1	50.4
-47.5°	0.0	1.9	2.9	2.9	6.4	11.3	16.8	23.8	29.5	36.6	44.4
-50°	0.0	1.8	2.9	2.8	5.7	9.6	14.7	20.4	25.6	32.2	38.6
-52.5°	0.0	1.7	2.9	2.8	5.0	7.9	12.7	17.0	22.1	27.9	33.1
-55°	0.0	1.6	2.8	2.8	4.2	6.9	10.7	14.0	18.9	23.6	28.5
-57.5°	0.0	1.5	2.8	2.8	3.5	6.0	8.8	11.9	15.7	20.0	24.0
-60°	0.0	1.4	2.8	2.8	2.8	5.1	7.1	10.0	12.7	16.5	19.9
-62.5°	0.0	1.3	2.6	2.8	2.8	4.2	6.0	8.1	10.6	13.0	16.2
-65°	0.0	1.2	2.4	2.8	2.8	3.3	5.0	6.5	8.5	10.5	12.6
-67.5°	0.0	1.1	2.1	2.8	2.8	2.8	4.0	5.3	6.5	8.3	9.9
-70°	0.0	1.0	1.9	2.8	2.8	2.8	2.9	4.2	5.2	6.1	7.5
-72.5°	0.0	0.8	1.7	2.5	2.8	2.8	2.8	3.1	4.1	4.8	5.4
-75°	0.0	0.7	1.4	2.2	2.8	2.8	2.8	2.8	2.9	3.7	4.2
-77.5°	0.0	0.6	1.2	1.8	2.4	2.8	2.8	2.8	2.8	2.8	3.1
-80°	0.0	0.5	1.0	1.5	1.9	2.4	2.8	2.8	2.8	2.8	2.8
-82.5°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.5	2.8	2.8	2.8
-85°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.1	2.4
-87.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	1.0	1.1	1.2
-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: P558825 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-930-U-TSB-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°	1.1	1.1	0.9	0.8	0.9	0.9	0.9	1.0	1.0	1.1	1.1
85°	2.3	2.1	1.8	1.6	1.7	1.8	1.9	2.0	2.1	2.1	2.2
82.5°	2.6	2.5	2.4	2.4	2.6	2.7	2.9	3.1	3.4	3.6	3.8
80°	2.8	2.8	3.2	3.6	4.0	4.3	4.7	5.0	5.3	5.9	6.6
77.5°	3.6	4.1	4.6	5.1	5.7	6.8	7.7	8.4	9.4	10.5	11.7
75°	4.8	5.4	6.8	8.3	9.7	10.8	11.8	13.3	15.1	17.1	19.1
72.5°	6.6	8.3	10.1	12.0	14.4	16.3	18.2	20.0	23.0	26.2	28.7
70°	9.1	11.1	14.0	17.1	20.1	22.7	26.4	30.9	35.5	37.8	39.1
67.5°	11.7	15.0	18.5	22.3	26.4	30.7	35.9	40.7	45.4	47.2	49.0
65°	15.2	19.0	23.3	27.9	32.6	37.8	43.1	48.5	53.4	55.9	58.7
62.5°	18.8	23.3	28.2	33.4	38.6	44.2	50.7	56.1	60.3	65.3	71.1
60°	23.1	27.6	33.2	38.9	44.9	52.7	59.2	65.3	70.9	76.6	85.3
57.5°	27.6	32.0	38.2	44.9	53.3	62.2	69.5	76.1	83.8	91.9	100.7
55°	32.6	36.5	43.5	51.8	61.4	71.9	80.6	89.6	98.5	105.7	113.6
52.5°	38.2	41.8	49.1	58.8	69.9	81.7	93.2	102.6	110.8	118.8	127.7
50°	44.1	48.6	54.6	66.2	78.5	92.0	105.0	114.4	123.8	133.1	143.1
47.5°	51.0	56.0	61.1	73.6	87.5	101.3	114.8	126.8	137.2	149.6	161.1
45°	58.5	64.4	69.8	81.4	95.8	109.8	124.7	139.2	153.8	168.5	186.9
42.5°	66.4	72.9	79.8	88.8	103.1	118.6	134.7	153.9	172.5	192.9	216.7
40°	74.2	81.3	89.5	97.6	110.4	127.6	147.2	168.8	195.0	221.4	250.2
37.5°	81.7	89.9	98.8	107.2	118.4	137.8	159.4	187.0	218.5	251.9	288.7
35°	89.1	98.2	107.2	117.1	129.8	148.6	175.2	206.5	244.3	286.5	320.1
32.5°	96.4	106.1	115.2	127.2	142.8	162.1	190.5	229.9	273.5	316.3	338.7
30°	105.4	113.2	123.2	136.7	155.5	180.1	210.9	253.4	302.9	332.2	353.0
27.5°	117.5	120.3	131.6	147.4	168.6	197.8	236.1	280.2	321.2	346.9	365.6
25°	129.4	132.3	139.4	158.1	184.3	218.8	261.8	312.1	336.4	358.1	379.7
22.5°	140.7	143.8	152.8	168.3	199.5	240.1	290.1	334.1	357.3	371.1	394.6
20°	151.4	156.2	167.2	185.2	215.1	260.3	317.6	354.6	376.6	393.2	414.9
17.5°	161.7	168.3	181.9	203.6	237.0	283.0	342.5	374.9	396.5	412.5	439.3
15°	171.7	180.1	195.9	220.9	257.4	307.2	359.2	391.6	414.8	430.6	461.9
12.5°	181.4	191.6	209.3	236.9	275.8	328.5	373.4	402.4	425.6	449.6	482.0
10°	190.7	202.7	222.1	251.8	292.3	346.7	385.2	411.1	434.2	464.9	498.6
7.5°	192.1	208.3	232.6	265.5	306.9	362.2	394.9	417.9	442.9	478.8	513.6
5°	192.2	207.9	233.4	269.1	313.8	371.3	401.7	423.0	451.4	491.2	527.0
2.5°	192.0	206.9	233.6	270.2	315.6	372.3	402.7	424.3	456.2	503.3	539.4
0°	191.7	205.5	233.1	270.3	315.8	371.0	402.7	424.8	459.3	514.4	550.3
-2.5°	192.0	206.9	233.6	270.2	315.6	372.3	402.7	424.3	456.2	503.3	539.4
-5°	192.2	207.9	233.4	269.1	313.8	371.3	401.7	423.0	451.4	491.2	527.0
-7.5°	192.1	208.3	232.6	265.5	306.9	362.2	394.9	417.9	442.9	478.8	513.6
-10°	190.7	202.7	222.1	251.8	292.3	346.7	385.2	411.1	434.2	464.9	498.6
-12.5°	181.4	191.6	209.3	236.9	275.8	328.5	373.4	402.4	425.6	449.6	482.0
-15°	171.7	180.1	195.9	220.9	257.4	307.2	359.2	391.6	414.8	430.6	461.9
-17.5°	161.7	168.3	181.9	203.6	237.0	283.0	342.5	374.9	396.5	412.5	439.3
-20°	151.4	156.2	167.2	185.2	215.1	260.3	317.6	354.6	376.6	393.2	414.9



REPORT NUMBER: P558825 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	140.7	143.8	152.8	168.3	199.5	240.1	290.1	334.1	357.3	371.1	394.6
-25°	129.4	132.3	139.4	158.1	184.3	218.8	261.8	312.1	336.4	358.1	379.7
-27.5°	117.5	120.3	131.6	147.4	168.6	197.8	236.1	280.2	321.2	346.9	365.6
-30°	105.4	113.2	123.2	136.7	155.5	180.1	210.9	253.4	302.9	332.2	353.0
-32.5°	96.4	106.1	115.2	127.2	142.8	162.1	190.5	229.9	273.5	316.3	338.7
-35°	89.1	98.2	107.2	117.1	129.8	148.6	175.2	206.5	244.3	286.5	320.1
-37.5°	81.7	89.9	98.8	107.2	118.4	137.8	159.4	187.0	218.5	251.9	288.7
-40°	74.2	81.3	89.5	97.6	110.4	127.6	147.2	168.8	195.0	221.4	250.2
-42.5°	66.4	72.9	79.8	88.8	103.1	118.6	134.7	153.9	172.5	192.9	216.7
-45°	58.5	64.4	69.8	81.4	95.8	109.8	124.7	139.2	153.8	168.5	186.9
-47.5°	51.0	56.0	61.1	73.6	87.5	101.3	114.8	126.8	137.2	149.6	161.1
-50°	44.1	48.6	54.6	66.2	78.5	92.0	105.0	114.4	123.8	133.1	143.1
-52.5°	38.2	41.8	49.1	58.8	69.9	81.7	93.2	102.6	110.8	118.8	127.7
-55°	32.6	36.5	43.5	51.8	61.4	71.9	80.6	89.6	98.5	105.7	113.6
-57.5°	27.6	32.0	38.2	44.9	53.3	62.2	69.5	76.1	83.8	91.9	100.7
-60°	23.1	27.6	33.2	38.9	44.9	52.7	59.2	65.3	70.9	76.6	85.3
-62.5°	18.8	23.3	28.2	33.4	38.6	44.2	50.7	56.1	60.3	65.3	71.1
-65°	15.2	19.0	23.3	27.9	32.6	37.8	43.1	48.5	53.4	55.9	58.7
-67.5°	11.7	15.0	18.5	22.3	26.4	30.7	35.9	40.7	45.4	47.2	49.0
-70°	9.1	11.1	14.0	17.1	20.1	22.7	26.4	30.9	35.5	37.8	39.1
-72.5°	6.6	8.3	10.1	12.0	14.4	16.3	18.2	20.0	23.0	26.2	28.7
-75°	4.8	5.4	6.8	8.3	9.7	10.8	11.8	13.3	15.1	17.1	19.1
-77.5°	3.6	4.1	4.6	5.1	5.7	6.8	7.7	8.4	9.4	10.5	11.7
-80°	2.8	2.8	3.2	3.6	4.0	4.3	4.7	5.0	5.3	5.9	6.6
-82.5°	2.6	2.5	2.4	2.4	2.6	2.7	2.9	3.1	3.4	3.6	3.8
-85°	2.3	2.1	1.8	1.6	1.7	1.8	1.9	2.0	2.1	2.1	2.2
-87.5°	1.1	1.1	0.9	0.8	0.9	0.9	0.9	1.0	1.0	1.1	1.1
-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: P558825 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4
85°	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.7	2.7	2.7	2.8
82.5°	4.0	4.2	4.4	4.6	4.7	4.9	5.0	5.1	5.2	5.3	5.4
80°	7.4	7.9	8.4	8.7	8.9	9.9	11.2	12.4	13.8	14.3	14.6
77.5°	13.1	14.1	14.7	15.2	15.5	17.6	20.4	23.3	26.3	27.9	29.1
75°	21.0	22.1	22.8	23.4	23.7	27.0	31.9	37.0	42.3	45.1	47.1
72.5°	30.3	31.2	32.0	32.6	33.1	37.9	46.8	56.4	66.6	72.8	77.4
70°	40.3	41.4	42.3	43.1	43.6	49.5	62.3	75.7	89.6	103.4	118.2
67.5°	51.0	53.3	54.5	55.2	55.9	60.9	74.6	87.1	98.8	123.9	163.4
65°	62.7	68.0	70.2	71.4	71.9	74.2	85.9	96.4	105.9	125.4	155.5
62.5°	77.5	84.5	87.7	89.2	90.0	90.1	99.7	108.5	116.6	128.8	147.9
60°	93.5	101.1	105.0	106.1	106.8	107.1	114.7	123.4	131.5	141.4	159.3
57.5°	108.1	115.2	121.1	123.4	125.2	126.5	133.2	143.4	153.0	163.0	182.2
55°	122.1	130.7	138.8	143.3	147.6	151.3	157.9	170.8	183.1	194.7	214.7
52.5°	137.3	148.3	159.2	167.4	175.4	182.4	189.5	206.2	222.7	238.2	257.6
50°	155.5	169.1	184.9	198.3	209.8	221.1	231.3	251.1	273.4	294.6	314.9
47.5°	178.5	196.4	216.7	235.8	251.4	268.9	284.8	305.2	324.9	344.6	361.5
45°	206.8	231.6	255.0	280.4	302.6	314.2	323.4	336.2	356.4	375.7	391.5
42.5°	243.0	271.9	300.7	319.5	333.8	343.2	350.0	356.7	377.9	396.6	411.8
40°	283.2	312.3	330.0	345.4	355.4	363.8	374.3	384.7	401.3	420.5	437.4
37.5°	318.1	336.8	352.4	364.5	376.5	387.6	402.8	417.7	433.6	455.0	470.8
35°	339.6	356.0	371.8	387.1	402.4	419.5	438.5	460.4	479.8	462.1	436.6
32.5°	356.0	372.8	392.0	415.4	436.6	460.0	483.7	445.6	406.5	391.2	394.3
30°	370.2	389.8	416.2	446.8	476.1	465.7	413.6	395.4	400.8	411.5	432.1
27.5°	385.6	409.9	442.0	479.6	456.5	398.9	401.9	412.5	448.2	478.6	524.5
25°	403.7	433.0	472.9	455.4	402.6	408.1	434.8	475.2	543.2	606.6	662.1
22.5°	425.4	462.8	468.1	402.7	409.9	444.8	499.1	586.4	669.0	745.7	802.9
20°	447.6	490.7	424.4	410.6	441.3	503.7	604.4	704.7	796.9	865.5	922.8
17.5°	474.1	458.9	411.9	426.7	488.8	596.5	709.9	816.2	903.2	1021.8	1122.7
15°	497.3	428.2	419.5	468.1	561.5	682.7	805.9	901.4	1058.6	1228.5	1400.3
12.5°	484.0	417.3	433.0	504.9	627.7	758.8	867.7	1018.9	1226.8	1475.0	1848.0
10°	464.3	423.5	461.8	555.9	684.4	812.1	925.2	1123.3	1397.8	1853.7	2441.0
7.5°	449.1	426.1	480.8	595.0	726.5	844.3	995.1	1235.3	1618.0	2243.4	3493.8
5°	437.5	426.0	489.5	617.7	751.6	866.5	1038.2	1316.7	1833.6	2724.7	4861.5
2.5°	432.4	423.8	491.9	629.9	763.8	878.9	1065.0	1375.3	1969.7	3171.8	6392.5
0°	435.8	419.3	491.0	634.4	771.0	877.2	1068.9	1393.0	2010.8	3336.9	6598.0
-2.5°	432.4	423.8	491.9	629.9	763.8	878.9	1065.0	1375.3	1969.7	3171.8	6392.5
-5°	437.5	426.0	489.5	617.7	751.6	866.5	1038.2	1316.7	1833.6	2724.7	4861.5
-7.5°	449.1	426.1	480.8	595.0	726.5	844.3	995.1	1235.3	1618.0	2243.4	3493.8
-10°	464.3	423.5	461.8	555.9	684.4	812.1	925.2	1123.3	1397.8	1853.7	2441.0
-12.5°	484.0	417.3	433.0	504.9	627.7	758.8	867.7	1018.9	1226.8	1475.0	1848.0
-15°	497.3	428.2	419.5	468.1	561.5	682.7	805.9	901.4	1058.6	1228.5	1400.3
-17.5°	474.1	458.9	411.9	426.7	488.8	596.5	709.9	816.2	903.2	1021.8	1122.7
-20°	447.6	490.7	424.4	410.6	441.3	503.7	604.4	704.7	796.9	865.5	922.8



REPORT NUMBER: P558825 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	425.4	462.8	468.1	402.7	409.9	444.8	499.1	586.4	669.0	745.7	802.9
-25°	403.7	433.0	472.9	455.4	402.6	408.1	434.8	475.2	543.2	606.6	662.1
-27.5°	385.6	409.9	442.0	479.6	456.5	398.9	401.9	412.5	448.2	478.6	524.5
-30°	370.2	389.8	416.2	446.8	476.1	465.7	413.6	395.4	400.8	411.5	432.1
-32.5°	356.0	372.8	392.0	415.4	436.6	460.0	483.7	445.6	406.5	391.2	394.3
-35°	339.6	356.0	371.8	387.1	402.4	419.5	438.5	460.4	479.8	462.1	436.6
-37.5°	318.1	336.8	352.4	364.5	376.5	387.6	402.8	417.7	433.6	455.0	470.8
-40°	283.2	312.3	330.0	345.4	355.4	363.8	374.3	384.7	401.3	420.5	437.4
-42.5°	243.0	271.9	300.7	319.5	333.8	343.2	350.0	356.7	377.9	396.6	411.8
-45°	206.8	231.6	255.0	280.4	302.6	314.2	323.4	336.2	356.4	375.7	391.5
-47.5°	178.5	196.4	216.7	235.8	251.4	268.9	284.8	305.2	324.9	344.6	361.5
-50°	155.5	169.1	184.9	198.3	209.8	221.1	231.3	251.1	273.4	294.6	314.9
-52.5°	137.3	148.3	159.2	167.4	175.4	182.4	189.5	206.2	222.7	238.2	257.6
-55°	122.1	130.7	138.8	143.3	147.6	151.3	157.9	170.8	183.1	194.7	214.7
-57.5°	108.1	115.2	121.1	123.4	125.2	126.5	133.2	143.4	153.0	163.0	182.2
-60°	93.5	101.1	105.0	106.1	106.8	107.1	114.7	123.4	131.5	141.4	159.3
-62.5°	77.5	84.5	87.7	89.2	90.0	90.1	99.7	108.5	116.6	128.8	147.9
-65°	62.7	68.0	70.2	71.4	71.9	74.2	85.9	96.4	105.9	125.4	155.5
-67.5°	51.0	53.3	54.5	55.2	55.9	60.9	74.6	87.1	98.8	123.9	163.4
-70°	40.3	41.4	42.3	43.1	43.6	49.5	62.3	75.7	89.6	103.4	118.2
-72.5°	30.3	31.2	32.0	32.6	33.1	37.9	46.8	56.4	66.6	72.8	77.4
-75°	21.0	22.1	22.8	23.4	23.7	27.0	31.9	37.0	42.3	45.1	47.1
-77.5°	13.1	14.1	14.7	15.2	15.5	17.6	20.4	23.3	26.3	27.9	29.1
-80°	7.4	7.9	8.4	8.7	8.9	9.9	11.2	12.4	13.8	14.3	14.6
-82.5°	4.0	4.2	4.4	4.6	4.7	4.9	5.0	5.1	5.2	5.3	5.4
-85°	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.7	2.7	2.7	2.8
-87.5°	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558825 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3
85°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7
82.5°	5.4	5.5	5.5	5.5	5.5	5.5	5.4	5.4	5.3	5.2	5.1
80°	14.9	15.1	14.5	13.8	14.5	15.1	14.9	14.6	14.3	13.8	12.4
77.5°	30.3	31.3	30.3	29.0	30.3	31.3	30.3	29.1	27.9	26.3	23.3
75°	48.9	50.5	49.6	48.3	49.6	50.5	48.9	47.1	45.1	42.3	37.0
72.5°	81.7	85.7	84.7	82.8	84.7	85.7	81.7	77.4	72.8	66.6	56.4
70°	133.7	149.4	148.7	144.8	148.7	149.4	133.7	118.2	103.4	89.6	75.7
67.5°	206.1	250.6	264.7	271.7	264.7	250.6	206.1	163.4	123.9	98.8	87.1
65°	183.6	210.4	221.0	228.9	221.0	210.4	183.6	155.5	125.4	105.9	96.4
62.5°	165.1	181.0	184.4	184.8	184.4	181.0	165.1	147.9	128.8	116.6	108.5
60°	176.7	193.6	196.1	193.1	196.1	193.6	176.7	159.3	141.4	131.5	123.4
57.5°	200.6	218.4	221.6	217.9	221.6	218.4	200.6	182.2	163.0	153.0	143.4
55°	233.8	251.7	257.7	256.5	257.7	251.7	233.8	214.7	194.7	183.1	170.8
52.5°	276.2	292.7	299.5	299.3	299.5	292.7	276.2	257.6	238.2	222.7	206.2
50°	332.7	347.5	354.8	355.8	354.8	347.5	332.7	314.9	294.6	273.4	251.1
47.5°	373.5	383.2	388.2	388.9	388.2	383.2	373.5	361.5	344.6	324.9	305.2
45°	398.5	403.7	407.7	411.0	407.7	403.7	398.5	391.5	375.7	356.4	336.2
42.5°	422.0	432.8	440.9	442.7	440.9	432.8	422.0	411.8	396.6	377.9	356.7
40°	453.5	468.5	482.9	497.9	482.9	468.5	453.5	437.4	420.5	401.3	384.7
37.5°	487.1	503.8	517.7	525.5	517.7	503.8	487.1	470.8	455.0	433.6	417.7
35°	418.6	407.6	401.1	398.6	401.1	407.6	418.6	436.6	462.1	479.8	460.4
32.5°	396.2	397.0	395.7	393.1	395.7	397.0	396.2	394.3	391.2	406.5	445.6
30°	447.4	454.7	455.6	455.1	455.6	454.7	447.4	432.1	411.5	400.8	395.4
27.5°	558.5	577.1	582.9	594.4	582.9	577.1	558.5	524.5	478.6	448.2	412.5
25°	705.1	733.2	746.7	751.7	746.7	733.2	705.1	662.1	606.6	543.2	475.2
22.5°	835.3	856.8	869.3	879.9	869.3	856.8	835.3	802.9	745.7	669.0	586.4
20°	989.6	1028.9	1046.8	1048.2	1046.8	1028.9	989.6	922.8	865.5	796.9	704.7
17.5°	1230.6	1307.0	1345.0	1355.7	1345.0	1307.0	1230.6	1122.7	1021.8	903.2	816.2
15°	1610.8	1805.5	1905.6	1952.9	1905.6	1805.5	1610.8	1400.3	1228.5	1058.6	901.4
12.5°	2231.0	2669.8	3024.7	3158.3	3024.7	2669.8	2231.0	1848.0	1475.0	1226.8	1018.9
10°	3459.7	4770.3	6301.6	7015.9	6301.6	4770.3	3459.7	2441.0	1853.7	1397.8	1123.3
7.5°	6693.0	15540.0	30119.2	37073.8	30119.2	15540.0	6693.0	3493.8	2243.4	1618.0	1235.3
5°	14266.5	61569.3	110263.0	129513.3	110263.0	61569.3	14266.5	4861.5	2724.7	1833.6	1316.7
2.5°	22723.3	100981.7	190536.3	222792.7	190536.3	100981.7	22723.3	6392.5	3171.8	1969.7	1375.3
0°	27149.8	106416.2	210252.6	242437.8	210252.6	106416.2	27149.8	6598.0	3336.9	2010.8	1393.0
-2.5°	22723.3	100981.7	190536.3	222792.7	190536.3	100981.7	22723.3	6392.5	3171.8	1969.7	1375.3
-5°	14266.5	61569.3	110263.0	129513.3	110263.0	61569.3	14266.5	4861.5	2724.7	1833.6	1316.7
-7.5°	6693.0	15540.0	30119.2	37073.8	30119.2	15540.0	6693.0	3493.8	2243.4	1618.0	1235.3
-10°	3459.7	4770.3	6301.6	7015.9	6301.6	4770.3	3459.7	2441.0	1853.7	1397.8	1123.3
-12.5°	2231.0	2669.8	3024.7	3158.3	3024.7	2669.8	2231.0	1848.0	1475.0	1226.8	1018.9
-15°	1610.8	1805.5	1905.6	1952.9	1905.6	1805.5	1610.8	1400.3	1228.5	1058.6	901.4
-17.5°	1230.6	1307.0	1345.0	1355.7	1345.0	1307.0	1230.6	1122.7	1021.8	903.2	816.2
-20°	989.6	1028.9	1046.8	1048.2	1046.8	1028.9	989.6	922.8	865.5	796.9	704.7



REPORT NUMBER: P558825 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	835.3	856.8	869.3	879.9	869.3	856.8	835.3	802.9	745.7	669.0	586.4
-25°	705.1	733.2	746.7	751.7	746.7	733.2	705.1	662.1	606.6	543.2	475.2
-27.5°	558.5	577.1	582.9	594.4	582.9	577.1	558.5	524.5	478.6	448.2	412.5
-30°	447.4	454.7	455.6	455.1	455.6	454.7	447.4	432.1	411.5	400.8	395.4
-32.5°	396.2	397.0	395.7	393.1	395.7	397.0	396.2	394.3	391.2	406.5	445.6
-35°	418.6	407.6	401.1	398.6	401.1	407.6	418.6	436.6	462.1	479.8	460.4
-37.5°	487.1	503.8	517.7	525.5	517.7	503.8	487.1	470.8	455.0	433.6	417.7
-40°	453.5	468.5	482.9	497.9	482.9	468.5	453.5	437.4	420.5	401.3	384.7
-42.5°	422.0	432.8	440.9	442.7	440.9	432.8	422.0	411.8	396.6	377.9	356.7
-45°	398.5	403.7	407.7	411.0	407.7	403.7	398.5	391.5	375.7	356.4	336.2
-47.5°	373.5	383.2	388.2	388.9	388.2	383.2	373.5	361.5	344.6	324.9	305.2
-50°	332.7	347.5	354.8	355.8	354.8	347.5	332.7	314.9	294.6	273.4	251.1
-52.5°	276.2	292.7	299.5	299.3	299.5	292.7	276.2	257.6	238.2	222.7	206.2
-55°	233.8	251.7	257.7	256.5	257.7	251.7	233.8	214.7	194.7	183.1	170.8
-57.5°	200.6	218.4	221.6	217.9	221.6	218.4	200.6	182.2	163.0	153.0	143.4
-60°	176.7	193.6	196.1	193.1	196.1	193.6	176.7	159.3	141.4	131.5	123.4
-62.5°	165.1	181.0	184.4	184.8	184.4	181.0	165.1	147.9	128.8	116.6	108.5
-65°	183.6	210.4	221.0	228.9	221.0	210.4	183.6	155.5	125.4	105.9	96.4
-67.5°	206.1	250.6	264.7	271.7	264.7	250.6	206.1	163.4	123.9	98.8	87.1
-70°	133.7	149.4	148.7	144.8	148.7	149.4	133.7	118.2	103.4	89.6	75.7
-72.5°	81.7	85.7	84.7	82.8	84.7	85.7	81.7	77.4	72.8	66.6	56.4
-75°	48.9	50.5	49.6	48.3	49.6	50.5	48.9	47.1	45.1	42.3	37.0
-77.5°	30.3	31.3	30.3	29.0	30.3	31.3	30.3	29.1	27.9	26.3	23.3
-80°	14.9	15.1	14.5	13.8	14.5	15.1	14.9	14.6	14.3	13.8	12.4
-82.5°	5.4	5.5	5.5	5.5	5.5	5.5	5.4	5.4	5.3	5.2	5.1
-85°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7
-87.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3
-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: P558825 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-930-U-TSB-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°	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0
85°	2.6	2.6	2.5	2.5	2.4	2.4	2.3	2.2	2.1	2.1	2.0
82.5°	5.0	4.9	4.7	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.1
80°	11.2	9.9	8.9	8.7	8.4	7.9	7.4	6.6	5.9	5.3	5.0
77.5°	20.4	17.6	15.5	15.2	14.7	14.1	13.1	11.7	10.5	9.4	8.4
75°	31.9	27.0	23.7	23.4	22.8	22.1	21.0	19.1	17.1	15.1	13.3
72.5°	46.8	37.9	33.1	32.6	32.0	31.2	30.3	28.7	26.2	23.0	20.0
70°	62.3	49.5	43.6	43.1	42.3	41.4	40.3	39.1	37.8	35.5	30.9
67.5°	74.6	60.9	55.9	55.2	54.5	53.3	51.0	49.0	47.2	45.4	40.7
65°	85.9	74.2	71.9	71.4	70.2	68.0	62.7	58.7	55.9	53.4	48.5
62.5°	99.7	90.1	90.0	89.2	87.7	84.5	77.5	71.1	65.3	60.3	56.1
60°	114.7	107.1	106.8	106.1	105.0	101.1	93.5	85.3	76.6	70.9	65.3
57.5°	133.2	126.5	125.2	123.4	121.1	115.2	108.1	100.7	91.9	83.8	76.1
55°	157.9	151.3	147.6	143.3	138.8	130.7	122.1	113.6	105.7	98.5	89.6
52.5°	189.5	182.4	175.4	167.4	159.2	148.3	137.3	127.7	118.8	110.8	102.6
50°	231.3	221.1	209.8	198.3	184.9	169.1	155.5	143.1	133.1	123.8	114.4
47.5°	284.8	268.9	251.4	235.8	216.7	196.4	178.5	161.1	149.6	137.2	126.8
45°	323.4	314.2	302.6	280.4	255.0	231.6	206.8	186.9	168.5	153.8	139.2
42.5°	350.0	343.2	333.8	319.5	300.7	271.9	243.0	216.7	192.9	172.5	153.9
40°	374.3	363.8	355.4	345.4	330.0	312.3	283.2	250.2	221.4	195.0	168.8
37.5°	402.8	387.6	376.5	364.5	352.4	336.8	318.1	288.7	251.9	218.5	187.0
35°	438.5	419.5	402.4	387.1	371.8	356.0	339.6	320.1	286.5	244.3	206.5
32.5°	483.7	460.0	436.6	415.4	392.0	372.8	356.0	338.7	316.3	273.5	229.9
30°	413.6	465.7	476.1	446.8	416.2	389.8	370.2	353.0	332.2	302.9	253.4
27.5°	401.9	398.9	456.5	479.6	442.0	409.9	385.6	365.6	346.9	321.2	280.2
25°	434.8	408.1	402.6	455.4	472.9	433.0	403.7	379.7	358.1	336.4	312.1
22.5°	499.1	444.8	409.9	402.7	468.1	462.8	425.4	394.6	371.1	357.3	334.1
20°	604.4	503.7	441.3	410.6	424.4	490.7	447.6	414.9	393.2	376.6	354.6
17.5°	709.9	596.5	488.8	426.7	411.9	458.9	474.1	439.3	412.5	396.5	374.9
15°	805.9	682.7	561.5	468.1	419.5	428.2	497.3	461.9	430.6	414.8	391.6
12.5°	867.7	758.8	627.7	504.9	433.0	417.3	484.0	482.0	449.6	425.6	402.4
10°	925.2	812.1	684.4	555.9	461.8	423.5	464.3	498.6	464.9	434.2	411.1
7.5°	995.1	844.3	726.5	595.0	480.8	426.1	449.1	513.6	478.8	442.9	417.9
5°	1038.2	866.5	751.6	617.7	489.5	426.0	437.5	527.0	491.2	451.4	423.0
2.5°	1065.0	878.9	763.8	629.9	491.9	423.8	432.4	539.4	503.3	456.2	424.3
0°	1068.9	877.2	771.0	634.4	491.0	419.3	435.8	550.3	514.4	459.3	424.8
-2.5°	1065.0	878.9	763.8	629.9	491.9	423.8	432.4	539.4	503.3	456.2	424.3
-5°	1038.2	866.5	751.6	617.7	489.5	426.0	437.5	527.0	491.2	451.4	423.0
-7.5°	995.1	844.3	726.5	595.0	480.8	426.1	449.1	513.6	478.8	442.9	417.9
-10°	925.2	812.1	684.4	555.9	461.8	423.5	464.3	498.6	464.9	434.2	411.1
-12.5°	867.7	758.8	627.7	504.9	433.0	417.3	484.0	482.0	449.6	425.6	402.4
-15°	805.9	682.7	561.5	468.1	419.5	428.2	497.3	461.9	430.6	414.8	391.6
-17.5°	709.9	596.5	488.8	426.7	411.9	458.9	474.1	439.3	412.5	396.5	374.9
-20°	604.4	503.7	441.3	410.6	424.4	490.7	447.6	414.9	393.2	376.6	354.6



REPORT NUMBER: P558825 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	499.1	444.8	409.9	402.7	468.1	462.8	425.4	394.6	371.1	357.3	334.1
-25°	434.8	408.1	402.6	455.4	472.9	433.0	403.7	379.7	358.1	336.4	312.1
-27.5°	401.9	398.9	456.5	479.6	442.0	409.9	385.6	365.6	346.9	321.2	280.2
-30°	413.6	465.7	476.1	446.8	416.2	389.8	370.2	353.0	332.2	302.9	253.4
-32.5°	483.7	460.0	436.6	415.4	392.0	372.8	356.0	338.7	316.3	273.5	229.9
-35°	438.5	419.5	402.4	387.1	371.8	356.0	339.6	320.1	286.5	244.3	206.5
-37.5°	402.8	387.6	376.5	364.5	352.4	336.8	318.1	288.7	251.9	218.5	187.0
-40°	374.3	363.8	355.4	345.4	330.0	312.3	283.2	250.2	221.4	195.0	168.8
-42.5°	350.0	343.2	333.8	319.5	300.7	271.9	243.0	216.7	192.9	172.5	153.9
-45°	323.4	314.2	302.6	280.4	255.0	231.6	206.8	186.9	168.5	153.8	139.2
-47.5°	284.8	268.9	251.4	235.8	216.7	196.4	178.5	161.1	149.6	137.2	126.8
-50°	231.3	221.1	209.8	198.3	184.9	169.1	155.5	143.1	133.1	123.8	114.4
-52.5°	189.5	182.4	175.4	167.4	159.2	148.3	137.3	127.7	118.8	110.8	102.6
-55°	157.9	151.3	147.6	143.3	138.8	130.7	122.1	113.6	105.7	98.5	89.6
-57.5°	133.2	126.5	125.2	123.4	121.1	115.2	108.1	100.7	91.9	83.8	76.1
-60°	114.7	107.1	106.8	106.1	105.0	101.1	93.5	85.3	76.6	70.9	65.3
-62.5°	99.7	90.1	90.0	89.2	87.7	84.5	77.5	71.1	65.3	60.3	56.1
-65°	85.9	74.2	71.9	71.4	70.2	68.0	62.7	58.7	55.9	53.4	48.5
-67.5°	74.6	60.9	55.9	55.2	54.5	53.3	51.0	49.0	47.2	45.4	40.7
-70°	62.3	49.5	43.6	43.1	42.3	41.4	40.3	39.1	37.8	35.5	30.9
-72.5°	46.8	37.9	33.1	32.6	32.0	31.2	30.3	28.7	26.2	23.0	20.0
-75°	31.9	27.0	23.7	23.4	22.8	22.1	21.0	19.1	17.1	15.1	13.3
-77.5°	20.4	17.6	15.5	15.2	14.7	14.1	13.1	11.7	10.5	9.4	8.4
-80°	11.2	9.9	8.9	8.7	8.4	7.9	7.4	6.6	5.9	5.3	5.0
-82.5°	5.0	4.9	4.7	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.1
-85°	2.6	2.6	2.5	2.5	2.4	2.4	2.3	2.2	2.1	2.1	2.0
-87.5°	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558825 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-930-U-TSB-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°	0.9	0.9	0.9	0.8	0.9	1.1	1.1	1.2	1.1	1.0	0.8
85°	1.9	1.8	1.7	1.6	1.8	2.1	2.3	2.4	2.1	1.9	1.7
82.5°	2.9	2.7	2.6	2.4	2.4	2.5	2.6	2.8	2.8	2.8	2.5
80°	4.7	4.3	4.0	3.6	3.2	2.8	2.8	2.8	2.8	2.8	2.8
77.5°	7.7	6.8	5.7	5.1	4.6	4.1	3.6	3.1	2.8	2.8	2.8
75°	11.8	10.8	9.7	8.3	6.8	5.4	4.8	4.2	3.7	2.9	2.8
72.5°	18.2	16.3	14.4	12.0	10.1	8.3	6.6	5.4	4.8	4.1	3.1
70°	26.4	22.7	20.1	17.1	14.0	11.1	9.1	7.5	6.1	5.2	4.2
67.5°	35.9	30.7	26.4	22.3	18.5	15.0	11.7	9.9	8.3	6.5	5.3
65°	43.1	37.8	32.6	27.9	23.3	19.0	15.2	12.6	10.5	8.5	6.5
62.5°	50.7	44.2	38.6	33.4	28.2	23.3	18.8	16.2	13.0	10.6	8.1
60°	59.2	52.7	44.9	38.9	33.2	27.6	23.1	19.9	16.5	12.7	10.0
57.5°	69.5	62.2	53.3	44.9	38.2	32.0	27.6	24.0	20.0	15.7	11.9
55°	80.6	71.9	61.4	51.8	43.5	36.5	32.6	28.5	23.6	18.9	14.0
52.5°	93.2	81.7	69.9	58.8	49.1	41.8	38.2	33.1	27.9	22.1	17.0
50°	105.0	92.0	78.5	66.2	54.6	48.6	44.1	38.6	32.2	25.6	20.4
47.5°	114.8	101.3	87.5	73.6	61.1	56.0	51.0	44.4	36.6	29.5	23.8
45°	124.7	109.8	95.8	81.4	69.8	64.4	58.5	50.4	42.1	34.2	27.3
42.5°	134.7	118.6	103.1	88.8	79.8	72.9	66.4	57.6	47.7	39.2	31.4
40°	147.2	127.6	110.4	97.6	89.5	81.3	74.2	65.1	53.5	44.6	35.8
37.5°	159.4	137.8	118.4	107.2	98.8	89.9	81.7	72.9	60.9	50.8	40.3
35°	175.2	148.6	129.8	117.1	107.2	98.2	89.1	80.4	69.5	57.0	44.9
32.5°	190.5	162.1	142.8	127.2	115.2	106.1	96.4	89.9	78.4	63.3	49.6
30°	210.9	180.1	155.5	136.7	123.2	113.2	105.4	100.6	87.5	69.7	54.5
27.5°	236.1	197.8	168.6	147.4	131.6	120.3	117.5	112.4	97.0	76.5	59.7
25°	261.8	218.8	184.3	158.1	139.4	132.3	129.4	125.1	106.8	84.3	64.8
22.5°	290.1	240.1	199.5	168.3	152.8	143.8	140.7	135.8	117.1	92.0	69.9
20°	317.6	260.3	215.1	185.2	167.2	156.2	151.4	146.4	127.9	99.7	74.8
17.5°	342.5	283.0	237.0	203.6	181.9	168.3	161.7	156.8	138.9	107.3	79.6
15°	359.2	307.2	257.4	220.9	195.9	180.1	171.7	167.0	150.1	114.6	83.0
12.5°	373.4	328.5	275.8	236.9	209.3	191.6	181.4	177.0	161.3	119.4	84.8
10°	385.2	346.7	292.3	251.8	222.1	202.7	190.7	184.0	165.6	121.8	86.4
7.5°	394.9	362.2	306.9	265.5	232.6	208.3	192.1	185.3	168.2	123.6	87.7
5°	401.7	371.3	313.8	269.1	233.4	207.9	192.2	186.3	169.9	124.9	88.7
2.5°	402.7	372.3	315.6	270.2	233.6	206.9	192.0	187.1	170.9	125.5	89.4
0°	402.7	371.0	315.8	270.3	233.1	205.5	191.7	187.6	171.0	125.5	89.6
-2.5°	402.7	372.3	315.6	270.2	233.6	206.9	192.0	187.1	170.9	125.5	89.4
-5°	401.7	371.3	313.8	269.1	233.4	207.9	192.2	186.3	169.9	124.9	88.7
-7.5°	394.9	362.2	306.9	265.5	232.6	208.3	192.1	185.3	168.2	123.6	87.7
-10°	385.2	346.7	292.3	251.8	222.1	202.7	190.7	184.0	165.6	121.8	86.4
-12.5°	373.4	328.5	275.8	236.9	209.3	191.6	181.4	177.0	161.3	119.4	84.8
-15°	359.2	307.2	257.4	220.9	195.9	180.1	171.7	167.0	150.1	114.6	83.0
-17.5°	342.5	283.0	237.0	203.6	181.9	168.3	161.7	156.8	138.9	107.3	79.6
-20°	317.6	260.3	215.1	185.2	167.2	156.2	151.4	146.4	127.9	99.7	74.8



REPORT NUMBER: P558825 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	290.1	240.1	199.5	168.3	152.8	143.8	140.7	135.8	117.1	92.0	69.9
-25°	261.8	218.8	184.3	158.1	139.4	132.3	129.4	125.1	106.8	84.3	64.8
-27.5°	236.1	197.8	168.6	147.4	131.6	120.3	117.5	112.4	97.0	76.5	59.7
-30°	210.9	180.1	155.5	136.7	123.2	113.2	105.4	100.6	87.5	69.7	54.5
-32.5°	190.5	162.1	142.8	127.2	115.2	106.1	96.4	89.9	78.4	63.3	49.6
-35°	175.2	148.6	129.8	117.1	107.2	98.2	89.1	80.4	69.5	57.0	44.9
-37.5°	159.4	137.8	118.4	107.2	98.8	89.9	81.7	72.9	60.9	50.8	40.3
-40°	147.2	127.6	110.4	97.6	89.5	81.3	74.2	65.1	53.5	44.6	35.8
-42.5°	134.7	118.6	103.1	88.8	79.8	72.9	66.4	57.6	47.7	39.2	31.4
-45°	124.7	109.8	95.8	81.4	69.8	64.4	58.5	50.4	42.1	34.2	27.3
-47.5°	114.8	101.3	87.5	73.6	61.1	56.0	51.0	44.4	36.6	29.5	23.8
-50°	105.0	92.0	78.5	66.2	54.6	48.6	44.1	38.6	32.2	25.6	20.4
-52.5°	93.2	81.7	69.9	58.8	49.1	41.8	38.2	33.1	27.9	22.1	17.0
-55°	80.6	71.9	61.4	51.8	43.5	36.5	32.6	28.5	23.6	18.9	14.0
-57.5°	69.5	62.2	53.3	44.9	38.2	32.0	27.6	24.0	20.0	15.7	11.9
-60°	59.2	52.7	44.9	38.9	33.2	27.6	23.1	19.9	16.5	12.7	10.0
-62.5°	50.7	44.2	38.6	33.4	28.2	23.3	18.8	16.2	13.0	10.6	8.1
-65°	43.1	37.8	32.6	27.9	23.3	19.0	15.2	12.6	10.5	8.5	6.5
-67.5°	35.9	30.7	26.4	22.3	18.5	15.0	11.7	9.9	8.3	6.5	5.3
-70°	26.4	22.7	20.1	17.1	14.0	11.1	9.1	7.5	6.1	5.2	4.2
-72.5°	18.2	16.3	14.4	12.0	10.1	8.3	6.6	5.4	4.8	4.1	3.1
-75°	11.8	10.8	9.7	8.3	6.8	5.4	4.8	4.2	3.7	2.9	2.8
-77.5°	7.7	6.8	5.7	5.1	4.6	4.1	3.6	3.1	2.8	2.8	2.8
-80°	4.7	4.3	4.0	3.6	3.2	2.8	2.8	2.8	2.8	2.8	2.8
-82.5°	2.9	2.7	2.6	2.4	2.4	2.5	2.6	2.8	2.8	2.8	2.5
-85°	1.9	1.8	1.7	1.6	1.8	2.1	2.3	2.4	2.1	1.9	1.7
-87.5°	0.9	0.9	0.9	0.8	0.9	1.1	1.1	1.2	1.1	1.0	0.8
-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: P558825 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-930-U-TSB-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°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
85°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
82.5°	2.2	1.8	1.5	1.1	0.7	0.4	0.0
80°	2.8	2.4	1.9	1.5	1.0	0.5	0.0
77.5°	2.8	2.8	2.4	1.8	1.2	0.6	0.0
75°	2.8	2.8	2.8	2.2	1.4	0.7	0.0
72.5°	2.8	2.8	2.8	2.5	1.7	0.8	0.0
70°	2.9	2.8	2.8	2.8	1.9	1.0	0.0
67.5°	4.0	2.8	2.8	2.8	2.1	1.1	0.0
65°	5.0	3.3	2.8	2.8	2.4	1.2	0.0
62.5°	6.0	4.2	2.8	2.8	2.6	1.3	0.0
60°	7.1	5.1	2.8	2.8	2.8	1.4	0.0
57.5°	8.8	6.0	3.5	2.8	2.8	1.5	0.0
55°	10.7	6.9	4.2	2.8	2.8	1.6	0.0
52.5°	12.7	7.9	5.0	2.8	2.9	1.7	0.0
50°	14.7	9.6	5.7	2.8	2.9	1.8	0.0
47.5°	16.8	11.3	6.4	2.9	2.9	1.9	0.0
45°	19.9	13.1	7.1	3.4	3.0	2.0	0.0
42.5°	23.0	14.8	7.7	3.9	3.0	2.1	0.0
40°	26.2	16.6	8.8	4.4	3.0	2.1	0.0
37.5°	29.4	18.4	10.1	4.9	3.1	2.2	0.0
35°	32.6	20.6	11.4	5.3	3.2	2.3	0.0
32.5°	36.0	23.2	12.7	5.7	3.2	2.4	0.0
30°	39.8	25.6	14.0	6.0	3.3	2.4	0.0
27.5°	43.5	28.1	14.8	6.3	3.3	2.5	0.0
25°	47.2	30.4	15.4	6.5	3.4	2.5	0.0
22.5°	50.8	32.3	15.9	6.7	3.5	2.6	0.0
20°	54.3	33.0	16.3	6.9	3.6	2.6	0.0
17.5°	56.1	33.4	16.5	7.0	3.6	2.7	0.0
15°	56.8	33.6	16.6	7.1	3.7	2.7	0.0
12.5°	57.2	33.5	16.6	7.1	3.8	2.7	0.0
10°	57.3	33.3	16.5	7.1	3.8	2.8	0.0
7.5°	57.2	32.8	16.3	7.1	3.9	2.8	0.0
5°	56.8	32.1	16.0	7.0	4.0	2.8	0.0
2.5°	56.2	31.3	15.7	7.0	4.0	2.8	0.0
0°	55.2	30.3	15.2	6.9	4.1	2.8	0.0
-2.5°	56.2	31.3	15.7	7.0	4.0	2.8	0.0
-5°	56.8	32.1	16.0	7.0	4.0	2.8	0.0
-7.5°	57.2	32.8	16.3	7.1	3.9	2.8	0.0
-10°	57.3	33.3	16.5	7.1	3.8	2.8	0.0
-12.5°	57.2	33.5	16.6	7.1	3.8	2.7	0.0
-15°	56.8	33.6	16.6	7.1	3.7	2.7	0.0
-17.5°	56.1	33.4	16.5	7.0	3.6	2.7	0.0
-20°	54.3	33.0	16.3	6.9	3.6	2.6	0.0



REPORT NUMBER: P558825 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-930-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	50.8	32.3	15.9	6.7	3.5	2.6	0.0
-25°	47.2	30.4	15.4	6.5	3.4	2.5	0.0
-27.5°	43.5	28.1	14.8	6.3	3.3	2.5	0.0
-30°	39.8	25.6	14.0	6.0	3.3	2.4	0.0
-32.5°	36.0	23.2	12.7	5.7	3.2	2.4	0.0
-35°	32.6	20.6	11.4	5.3	3.2	2.3	0.0
-37.5°	29.4	18.4	10.1	4.9	3.1	2.2	0.0
-40°	26.2	16.6	8.8	4.4	3.0	2.1	0.0
-42.5°	23.0	14.8	7.7	3.9	3.0	2.1	0.0
-45°	19.9	13.1	7.1	3.4	3.0	2.0	0.0
-47.5°	16.8	11.3	6.4	2.9	2.9	1.9	0.0
-50°	14.7	9.6	5.7	2.8	2.9	1.8	0.0
-52.5°	12.7	7.9	5.0	2.8	2.9	1.7	0.0
-55°	10.7	6.9	4.2	2.8	2.8	1.6	0.0
-57.5°	8.8	6.0	3.5	2.8	2.8	1.5	0.0
-60°	7.1	5.1	2.8	2.8	2.8	1.4	0.0
-62.5°	6.0	4.2	2.8	2.8	2.6	1.3	0.0
-65°	5.0	3.3	2.8	2.8	2.4	1.2	0.0
-67.5°	4.0	2.8	2.8	2.8	2.1	1.1	0.0
-70°	2.9	2.8	2.8	2.8	1.9	1.0	0.0
-72.5°	2.8	2.8	2.8	2.5	1.7	0.8	0.0
-75°	2.8	2.8	2.8	2.2	1.4	0.7	0.0
-77.5°	2.8	2.8	2.4	1.8	1.2	0.6	0.0
-80°	2.8	2.4	1.9	1.5	1.0	0.5	0.0
-82.5°	2.2	1.8	1.5	1.1	0.7	0.4	0.0
-85°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
-87.5°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)