

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: P558833 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-935-U-TSB-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558833 (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-935-U-TSB-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, TIGHT SPOT BAFFLE N1  
Light Source: (48) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

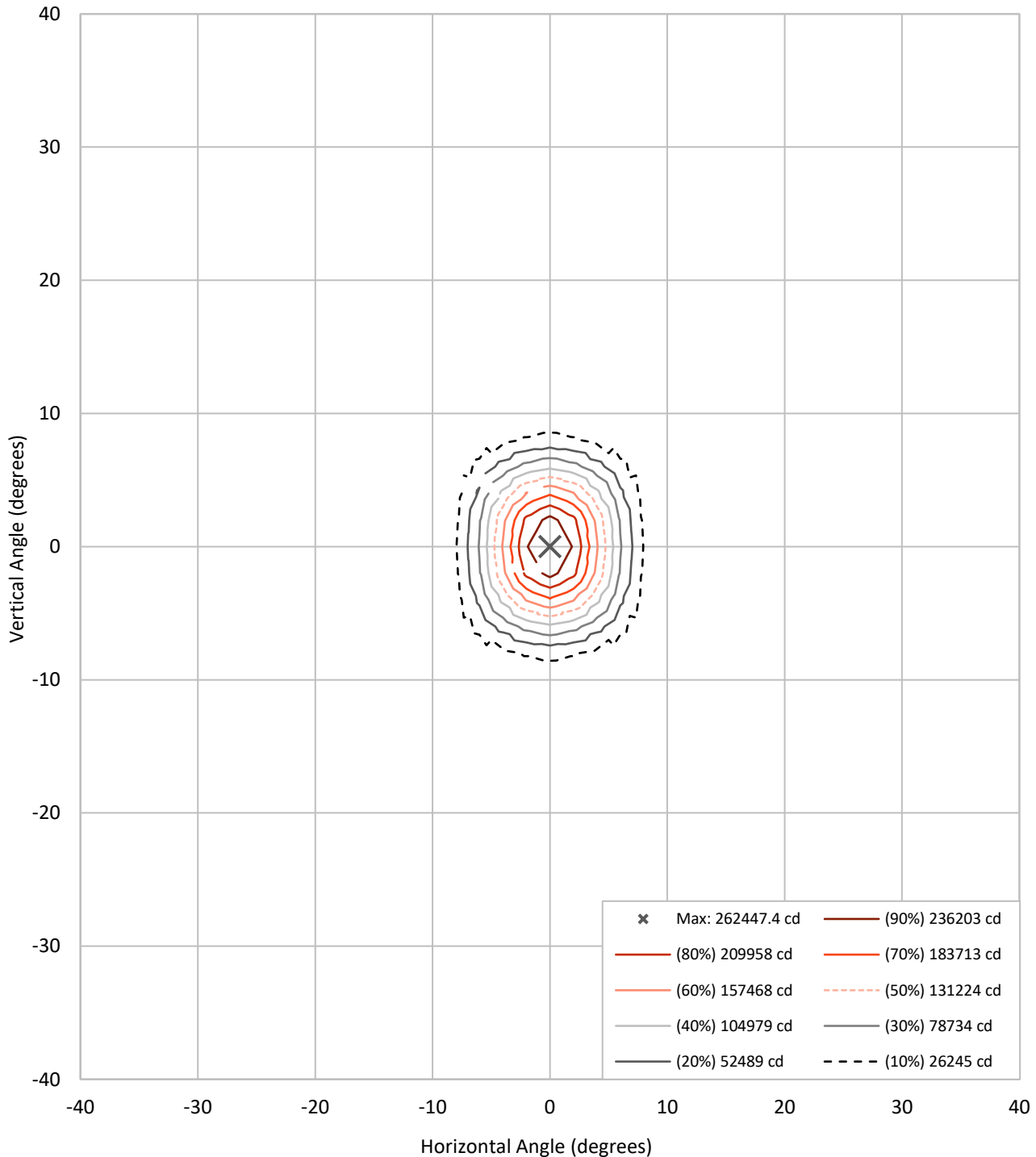
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	10220.3 lumens	Max Intensity:	262447.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	64.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	4380.6 lumens	Field Lumens:	7549.9 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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### Iso-Candela Plot





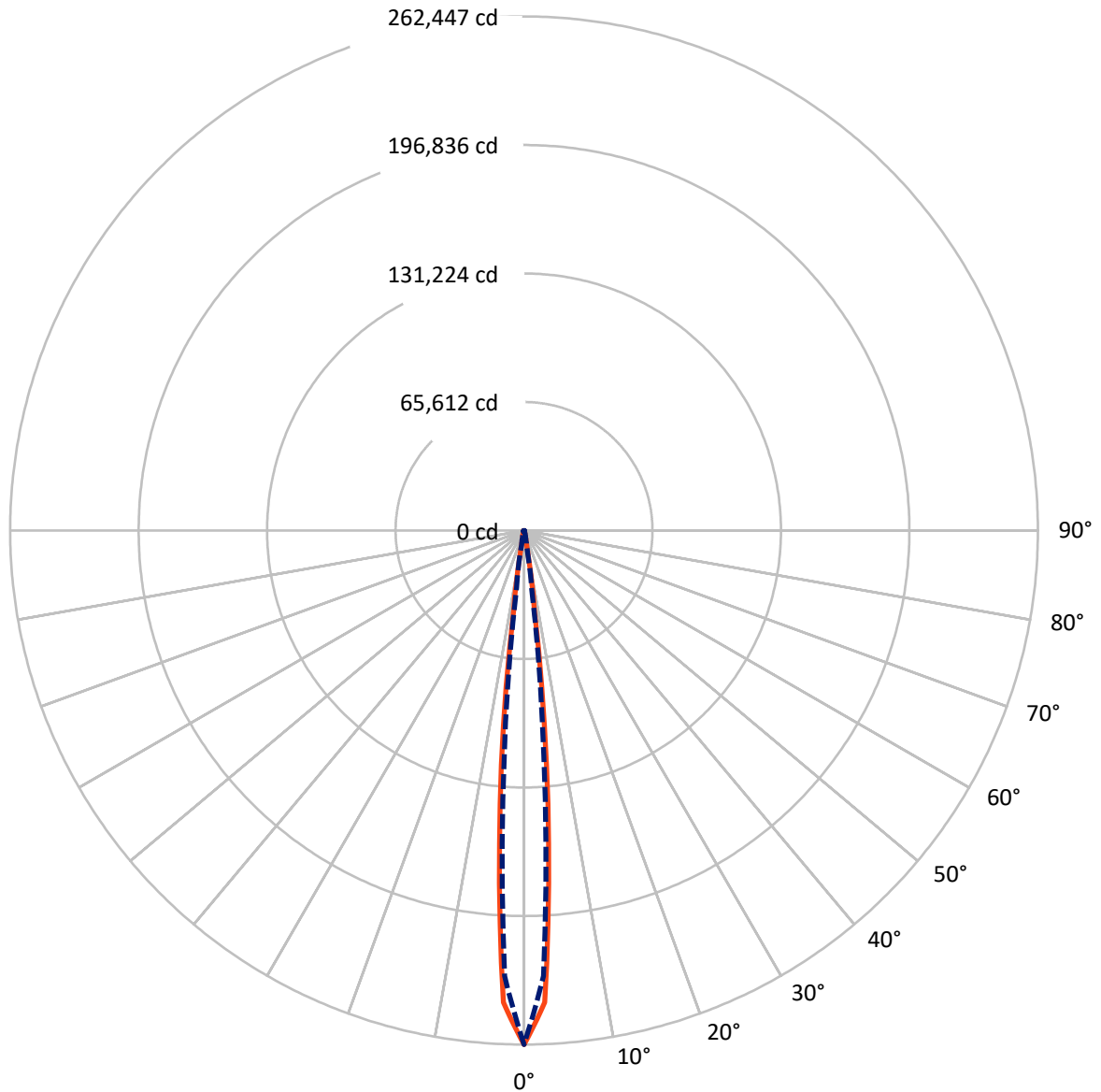
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### Lumen Table

90	0.0	0.3	1.1	2.5	4.2	2.5	1.1	0.3	0.0							
80	0.0	0.3	1.1	2.5	4.2	2.5	1.1	0.3	0.0							
70	0.2	0.2	0.5	1.1	1.7	2.2	3.6	6.4	6.4	3.6	2.2	1.7	1.1	0.5	0.2	0.2
60		0.4	1.0	2.1	3.3	4.5	6.1	8.3	8.3	6.1	4.5	3.3	2.1	1.0	0.4	
50	0.5	0.7	1.6	3.3	5.8	8.7	11.1	13.3	13.3	11.1	8.7	5.8	3.3	1.6	0.7	0.5
40		1.1	2.3	5.0	9.0	12.1	13.7	14.5	14.5	13.7	12.1	9.0	5.0	2.3	1.1	
30	1.0	1.7	3.2	7.0	11.0	13.2	17.9	23.6	23.6	17.9	13.2	11.0	7.0	3.2	1.7	1.0
20		2.2	4.4	8.9	12.2	17.3	35.1	70.2	70.2	35.1	17.3	12.2	8.9	4.4	2.2	
10	1.2	2.5	5.2	9.9	12.7	22.2	69.4	2053.4	2053.4	69.4	22.2	12.7	9.9	5.2	2.5	1.2
0		2.5	5.2	9.9	12.7	22.2	69.4	2053.4	2053.4	69.4	22.2	12.7	9.9	5.2	2.5	
-10	1.0	2.2	4.4	8.9	12.2	17.3	35.1	70.2	70.2	35.1	17.3	12.2	8.9	4.4	2.2	1.0
-20		1.7	3.2	7.0	11.0	13.2	17.9	23.6	23.6	17.9	13.2	11.0	7.0	3.2	1.7	
-30	0.5	1.1	2.3	5.0	9.0	12.1	13.7	14.5	14.5	13.7	12.1	9.0	5.0	2.3	1.1	0.5
-40		0.7	1.6	3.3	5.8	8.7	11.1	13.3	13.3	11.1	8.7	5.8	3.3	1.6	0.7	
-50	0.2	0.4	1.0	2.1	3.3	4.5	6.1	8.3	8.3	6.1	4.5	3.3	2.1	1.0	0.4	0.2
-60		0.2	0.5	1.1	1.7	2.2	3.6	6.4	6.4	3.6	2.2	1.7	1.1	0.5	0.2	
-70	0.0	0.3	1.1	2.5	4.2	2.5	1.1	0.3	0.0							
-80		0.3	1.1	2.5	4.2	2.5	1.1	0.3	0.0							
-90	0.0	0.3	1.1	2.5	4.2	2.5	1.1	0.3	0.0							

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CATALOG NUMBER: GFLD-SA3D-935-U-TSB-XX

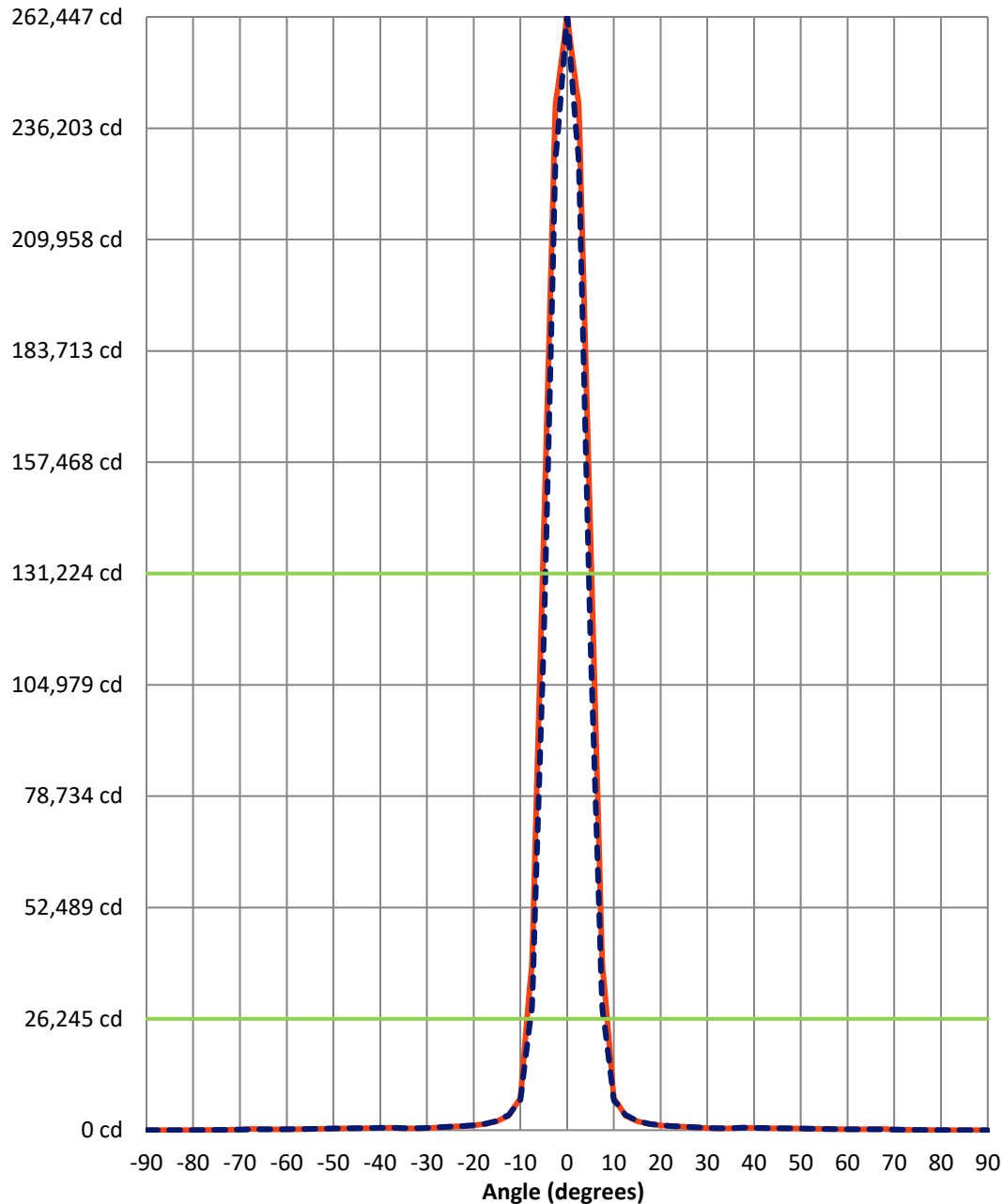
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 9.3°  
 V Angle: 10.4°  
 Lumens: 4380.6  
 Efficiency: 42.9%

**Field:**  
 H Angle: 15.7°  
 V Angle: 17.1°  
 Lumens: 7549.9  
 Efficiency: 73.9%

**Spill:**  
 Lumens: 2670.4  
 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	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.3
85°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.0	2.3	2.5
82.5°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.0	3.0	3.0
80°	0.0	0.5	1.0	1.6	2.1	2.6	3.0	3.0	3.0	3.0	3.0
77.5°	0.0	0.6	1.3	1.9	2.6	3.0	3.0	3.0	3.0	3.0	3.3
75°	0.0	0.8	1.6	2.3	3.0	3.0	3.0	3.0	3.1	4.0	4.6
72.5°	0.0	0.9	1.8	2.7	3.0	3.0	3.0	3.3	4.4	5.3	5.9
70°	0.0	1.0	2.0	3.0	3.0	3.0	3.1	4.5	5.7	6.6	8.2
67.5°	0.0	1.1	2.3	3.0	3.0	3.0	4.3	5.8	7.0	9.0	10.7
65°	0.0	1.3	2.5	3.0	3.0	3.5	5.4	7.0	9.3	11.4	13.6
62.5°	0.0	1.4	2.8	3.0	3.0	4.5	6.5	8.8	11.5	14.1	17.6
60°	0.0	1.5	3.0	3.0	3.0	5.5	7.7	10.8	13.7	17.8	21.5
57.5°	0.0	1.6	3.0	3.0	3.8	6.5	9.6	12.9	17.0	21.6	26.0
55°	0.0	1.7	3.0	3.0	4.6	7.4	11.6	15.1	20.5	25.6	30.9
52.5°	0.0	1.8	3.1	3.0	5.4	8.6	13.7	18.4	24.0	30.2	35.8
50°	0.0	1.9	3.1	3.0	6.2	10.4	15.9	22.0	27.7	34.9	41.8
47.5°	0.0	2.0	3.1	3.1	6.9	12.3	18.2	25.8	32.0	39.6	48.1
45°	0.0	2.1	3.2	3.7	7.7	14.2	21.6	29.6	37.1	45.6	54.6
42.5°	0.0	2.2	3.2	4.3	8.4	16.1	24.9	34.0	42.4	51.6	62.3
40°	0.0	2.3	3.3	4.8	9.5	18.0	28.4	38.8	48.3	58.0	70.5
37.5°	0.0	2.4	3.3	5.3	11.0	19.9	31.9	43.7	55.0	66.0	78.9
35°	0.0	2.5	3.4	5.7	12.4	22.3	35.3	48.7	61.7	75.2	87.1
32.5°	0.0	2.5	3.5	6.2	13.8	25.1	39.0	53.7	68.6	84.8	97.3
30°	0.0	2.6	3.5	6.5	15.1	27.7	43.1	59.0	75.4	94.8	108.9
27.5°	0.0	2.7	3.6	6.8	16.0	30.4	47.1	64.6	82.9	105.0	121.6
25°	0.0	2.7	3.7	7.1	16.7	32.9	51.1	70.2	91.2	115.6	135.3
22.5°	0.0	2.8	3.8	7.3	17.2	35.0	55.0	75.7	99.6	126.8	147.0
20°	0.0	2.8	3.9	7.4	17.6	35.7	58.8	81.0	107.9	138.4	158.5
17.5°	0.0	2.9	4.0	7.6	17.9	36.2	60.8	86.2	116.1	150.4	169.7
15°	0.0	2.9	4.0	7.7	18.0	36.3	61.5	89.9	124.1	162.5	180.8
12.5°	0.0	2.9	4.1	7.7	18.0	36.3	61.9	91.8	129.3	174.6	191.6
10°	0.0	3.0	4.2	7.7	17.9	36.0	62.1	93.5	131.9	179.2	199.2
7.5°	0.0	3.0	4.3	7.7	17.6	35.5	61.9	95.0	133.9	182.0	200.6
5°	0.0	3.0	4.4	7.7	17.3	34.8	61.5	96.1	135.2	183.9	201.7
2.5°	0.0	3.0	4.4	7.6	16.9	33.9	60.7	96.8	135.9	185.0	202.5
0°	0.0	3.0	4.5	7.5	16.4	32.8	59.7	97.0	135.9	185.1	203.0
-2.5°	0.0	3.0	4.4	7.6	16.9	33.9	60.7	96.8	135.9	185.0	202.5
-5°	0.0	3.0	4.4	7.7	17.3	34.8	61.5	96.1	135.2	183.9	201.7
-7.5°	0.0	3.0	4.3	7.7	17.6	35.5	61.9	95.0	133.9	182.0	200.6
-10°	0.0	3.0	4.2	7.7	17.9	36.0	62.1	93.5	131.9	179.2	199.2
-12.5°	0.0	2.9	4.1	7.7	18.0	36.3	61.9	91.8	129.3	174.6	191.6
-15°	0.0	2.9	4.0	7.7	18.0	36.3	61.5	89.9	124.1	162.5	180.8
-17.5°	0.0	2.9	4.0	7.6	17.9	36.2	60.8	86.2	116.1	150.4	169.7
-20°	0.0	2.8	3.9	7.4	17.6	35.7	58.8	81.0	107.9	138.4	158.5



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 CATALOG NUMBER: GFLD-SA3D-935-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	2.8	3.8	7.3	17.2	35.0	55.0	75.7	99.6	126.8	147.0
-25°	0.0	2.7	3.7	7.1	16.7	32.9	51.1	70.2	91.2	115.6	135.3
-27.5°	0.0	2.7	3.6	6.8	16.0	30.4	47.1	64.6	82.9	105.0	121.6
-30°	0.0	2.6	3.5	6.5	15.1	27.7	43.1	59.0	75.4	94.8	108.9
-32.5°	0.0	2.5	3.5	6.2	13.8	25.1	39.0	53.7	68.6	84.8	97.3
-35°	0.0	2.5	3.4	5.7	12.4	22.3	35.3	48.7	61.7	75.2	87.1
-37.5°	0.0	2.4	3.3	5.3	11.0	19.9	31.9	43.7	55.0	66.0	78.9
-40°	0.0	2.3	3.3	4.8	9.5	18.0	28.4	38.8	48.3	58.0	70.5
-42.5°	0.0	2.2	3.2	4.3	8.4	16.1	24.9	34.0	42.4	51.6	62.3
-45°	0.0	2.1	3.2	3.7	7.7	14.2	21.6	29.6	37.1	45.6	54.6
-47.5°	0.0	2.0	3.1	3.1	6.9	12.3	18.2	25.8	32.0	39.6	48.1
-50°	0.0	1.9	3.1	3.0	6.2	10.4	15.9	22.0	27.7	34.9	41.8
-52.5°	0.0	1.8	3.1	3.0	5.4	8.6	13.7	18.4	24.0	30.2	35.8
-55°	0.0	1.7	3.0	3.0	4.6	7.4	11.6	15.1	20.5	25.6	30.9
-57.5°	0.0	1.6	3.0	3.0	3.8	6.5	9.6	12.9	17.0	21.6	26.0
-60°	0.0	1.5	3.0	3.0	3.0	5.5	7.7	10.8	13.7	17.8	21.5
-62.5°	0.0	1.4	2.8	3.0	3.0	4.5	6.5	8.8	11.5	14.1	17.6
-65°	0.0	1.3	2.5	3.0	3.0	3.5	5.4	7.0	9.3	11.4	13.6
-67.5°	0.0	1.1	2.3	3.0	3.0	3.0	4.3	5.8	7.0	9.0	10.7
-70°	0.0	1.0	2.0	3.0	3.0	3.0	3.1	4.5	5.7	6.6	8.2
-72.5°	0.0	0.9	1.8	2.7	3.0	3.0	3.0	3.3	4.4	5.3	5.9
-75°	0.0	0.8	1.6	2.3	3.0	3.0	3.0	3.0	3.1	4.0	4.6
-77.5°	0.0	0.6	1.3	1.9	2.6	3.0	3.0	3.0	3.0	3.0	3.3
-80°	0.0	0.5	1.0	1.6	2.1	2.6	3.0	3.0	3.0	3.0	3.0
-82.5°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	2.7	3.0	3.0	3.0
-85°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	1.8	2.0	2.3	2.5
-87.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	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





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 CATALOG NUMBER: GFLD-SA3D-935-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°	1.2	1.1	1.0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.2
85°	2.4	2.3	2.0	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4
82.5°	2.8	2.6	2.6	2.6	2.7	2.9	3.1	3.4	3.6	3.9	4.1
80°	2.9	3.0	3.4	3.9	4.3	4.7	5.1	5.5	5.8	6.4	7.2
77.5°	3.9	4.5	5.0	5.6	6.2	7.3	8.3	9.1	10.2	11.4	12.6
75°	5.2	5.9	7.4	9.0	10.5	11.6	12.7	14.3	16.3	18.5	20.6
72.5°	7.2	9.0	10.9	13.0	15.5	17.7	19.7	21.7	24.9	28.4	31.0
70°	9.8	12.0	15.1	18.5	21.8	24.6	28.6	33.5	38.4	40.9	42.3
67.5°	12.7	16.3	20.1	24.1	28.6	33.2	38.8	44.1	49.1	51.1	53.0
65°	16.5	20.6	25.2	30.2	35.3	40.9	46.7	52.5	57.8	60.5	63.5
62.5°	20.3	25.2	30.5	36.1	41.8	47.9	54.9	60.8	65.3	70.7	76.9
60°	25.0	29.8	35.9	42.1	48.7	57.1	64.1	70.7	76.7	82.8	92.3
57.5°	29.9	34.6	41.3	48.7	57.7	67.3	75.2	82.3	90.7	99.4	109.0
55°	35.3	39.5	47.1	56.1	66.5	77.9	87.2	97.0	106.6	114.4	122.9
52.5°	41.4	45.2	53.2	63.6	75.6	88.5	100.9	111.0	120.0	128.5	138.2
50°	47.8	52.6	59.1	71.7	85.0	99.5	113.7	123.8	134.0	144.1	154.9
47.5°	55.2	60.6	66.1	79.6	94.8	109.7	124.3	137.3	148.5	162.0	174.4
45°	63.4	69.7	75.6	88.1	103.7	118.8	135.0	150.7	166.6	182.4	202.3
42.5°	71.9	78.9	86.4	96.1	111.6	128.4	145.8	166.7	186.8	208.8	234.6
40°	80.3	88.0	96.9	105.7	119.5	138.1	159.4	182.8	211.1	239.7	270.9
37.5°	88.4	97.3	106.9	116.0	128.2	149.2	172.6	202.5	236.6	272.7	312.4
35°	96.4	106.3	116.1	126.8	140.4	160.8	189.7	223.6	264.5	310.1	346.5
32.5°	104.3	114.8	124.8	137.7	154.5	175.5	206.2	248.8	296.0	342.3	366.7
30°	114.1	122.5	133.4	148.0	168.3	195.0	228.3	274.3	327.9	359.6	382.2
27.5°	127.1	130.2	142.5	159.6	182.5	214.1	255.6	303.4	347.8	375.6	395.8
25°	140.0	143.2	151.0	171.2	199.5	236.8	283.4	337.8	364.2	387.7	411.1
22.5°	152.3	155.7	165.4	182.1	215.9	259.9	314.1	361.7	386.9	401.7	427.2
20°	163.9	169.1	181.0	200.4	232.8	281.8	343.8	383.9	407.8	425.7	449.2
17.5°	175.1	182.2	196.9	220.4	256.5	306.3	370.9	405.9	429.2	446.6	475.6
15°	185.9	194.9	212.1	239.1	278.6	332.6	388.9	424.0	449.1	466.2	500.1
12.5°	196.3	207.4	226.6	256.5	298.6	355.6	404.3	435.7	460.7	486.8	521.8
10°	206.5	219.4	240.4	272.6	316.4	375.4	417.1	445.0	470.1	503.2	539.7
7.5°	208.0	225.5	251.8	287.4	332.2	392.1	427.6	452.3	479.5	518.3	556.0
5°	208.0	225.0	252.7	291.3	339.8	402.0	435.0	457.9	488.7	531.7	570.6
2.5°	207.8	224.0	252.9	292.5	341.7	403.0	436.0	459.3	493.9	544.9	583.9
0°	207.5	222.5	252.3	292.6	341.9	401.6	436.0	459.8	497.2	556.9	595.7
-2.5°	207.8	224.0	252.9	292.5	341.7	403.0	436.0	459.3	493.9	544.9	583.9
-5°	208.0	225.0	252.7	291.3	339.8	402.0	435.0	457.9	488.7	531.7	570.6
-7.5°	208.0	225.5	251.8	287.4	332.2	392.1	427.6	452.3	479.5	518.3	556.0
-10°	206.5	219.4	240.4	272.6	316.4	375.4	417.1	445.0	470.1	503.2	539.7
-12.5°	196.3	207.4	226.6	256.5	298.6	355.6	404.3	435.7	460.7	486.8	521.8
-15°	185.9	194.9	212.1	239.1	278.6	332.6	388.9	424.0	449.1	466.2	500.1
-17.5°	175.1	182.2	196.9	220.4	256.5	306.3	370.9	405.9	429.2	446.6	475.6
-20°	163.9	169.1	181.0	200.4	232.8	281.8	343.8	383.9	407.8	425.7	449.2



REPORT NUMBER: P558833 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-935-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°	152.3	155.7	165.4	182.1	215.9	259.9	314.1	361.7	386.9	401.7	427.2
-25°	140.0	143.2	151.0	171.2	199.5	236.8	283.4	337.8	364.2	387.7	411.1
-27.5°	127.1	130.2	142.5	159.6	182.5	214.1	255.6	303.4	347.8	375.6	395.8
-30°	114.1	122.5	133.4	148.0	168.3	195.0	228.3	274.3	327.9	359.6	382.2
-32.5°	104.3	114.8	124.8	137.7	154.5	175.5	206.2	248.8	296.0	342.3	366.7
-35°	96.4	106.3	116.1	126.8	140.4	160.8	189.7	223.6	264.5	310.1	346.5
-37.5°	88.4	97.3	106.9	116.0	128.2	149.2	172.6	202.5	236.6	272.7	312.4
-40°	80.3	88.0	96.9	105.7	119.5	138.1	159.4	182.8	211.1	239.7	270.9
-42.5°	71.9	78.9	86.4	96.1	111.6	128.4	145.8	166.7	186.8	208.8	234.6
-45°	63.4	69.7	75.6	88.1	103.7	118.8	135.0	150.7	166.6	182.4	202.3
-47.5°	55.2	60.6	66.1	79.6	94.8	109.7	124.3	137.3	148.5	162.0	174.4
-50°	47.8	52.6	59.1	71.7	85.0	99.5	113.7	123.8	134.0	144.1	154.9
-52.5°	41.4	45.2	53.2	63.6	75.6	88.5	100.9	111.0	120.0	128.5	138.2
-55°	35.3	39.5	47.1	56.1	66.5	77.9	87.2	97.0	106.6	114.4	122.9
-57.5°	29.9	34.6	41.3	48.7	57.7	67.3	75.2	82.3	90.7	99.4	109.0
-60°	25.0	29.8	35.9	42.1	48.7	57.1	64.1	70.7	76.7	82.8	92.3
-62.5°	20.3	25.2	30.5	36.1	41.8	47.9	54.9	60.8	65.3	70.7	76.9
-65°	16.5	20.6	25.2	30.2	35.3	40.9	46.7	52.5	57.8	60.5	63.5
-67.5°	12.7	16.3	20.1	24.1	28.6	33.2	38.8	44.1	49.1	51.1	53.0
-70°	9.8	12.0	15.1	18.5	21.8	24.6	28.6	33.5	38.4	40.9	42.3
-72.5°	7.2	9.0	10.9	13.0	15.5	17.7	19.7	21.7	24.9	28.4	31.0
-75°	5.2	5.9	7.4	9.0	10.5	11.6	12.7	14.3	16.3	18.5	20.6
-77.5°	3.9	4.5	5.0	5.6	6.2	7.3	8.3	9.1	10.2	11.4	12.6
-80°	2.9	3.0	3.4	3.9	4.3	4.7	5.1	5.5	5.8	6.4	7.2
-82.5°	2.8	2.6	2.6	2.6	2.7	2.9	3.1	3.4	3.6	3.9	4.1
-85°	2.4	2.3	2.0	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4
-87.5°	1.2	1.1	1.0	0.9	0.9	1.0	1.0	1.1	1.1	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: P558833 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-935-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°	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.5
85°	2.5	2.5	2.6	2.7	2.7	2.8	2.8	2.9	2.9	2.9	3.0
82.5°	4.4	4.6	4.8	5.0	5.2	5.3	5.5	5.6	5.7	5.8	5.9
80°	8.0	8.6	9.1	9.4	9.7	10.8	12.1	13.4	14.9	15.4	15.8
77.5°	14.2	15.2	15.9	16.4	16.7	19.1	22.1	25.2	28.5	30.2	31.5
75°	22.7	23.9	24.7	25.3	25.7	29.2	34.5	40.1	45.9	48.8	51.0
72.5°	32.8	33.8	34.6	35.3	35.8	41.1	50.6	61.0	72.0	78.8	83.7
70°	43.7	44.9	45.8	46.6	47.2	53.5	67.4	81.9	96.9	111.9	127.9
67.5°	55.2	57.7	59.0	59.7	60.5	65.9	80.7	94.3	107.0	134.1	176.9
65°	67.8	73.6	76.0	77.3	77.9	80.3	93.0	104.3	114.6	135.7	168.3
62.5°	83.9	91.5	95.0	96.5	97.4	97.6	107.9	117.5	126.2	139.4	160.2
60°	101.2	109.4	113.7	114.9	115.6	115.9	124.2	133.6	142.4	153.1	172.5
57.5°	117.0	124.7	131.1	133.6	135.6	137.0	144.2	155.3	165.7	176.4	197.2
55°	132.1	141.4	150.3	155.2	159.7	163.8	170.9	184.9	198.2	210.8	232.4
52.5°	148.6	160.5	172.4	181.2	189.8	197.4	205.1	223.2	241.1	257.9	278.9
50°	168.3	183.0	200.2	214.7	227.1	239.4	250.4	271.8	296.0	318.9	340.9
47.5°	193.2	212.7	234.6	255.2	272.1	291.1	308.3	330.4	351.7	373.1	391.3
45°	223.8	250.7	276.0	303.4	327.5	340.1	350.1	363.9	385.8	406.7	423.8
42.5°	263.0	294.3	325.5	345.9	361.4	371.6	378.8	386.1	409.1	429.3	445.8
40°	306.6	338.0	357.3	374.0	384.7	393.8	405.2	416.4	434.4	455.2	473.5
37.5°	344.4	364.6	381.5	394.6	407.6	419.6	436.0	452.1	469.3	492.6	509.6
35°	367.7	385.4	402.5	419.0	435.6	454.1	474.6	498.4	519.4	500.3	472.6
32.5°	385.4	403.6	424.3	449.7	472.5	497.9	523.6	482.3	440.0	423.5	426.9
30°	400.8	422.0	450.6	483.6	515.4	504.1	447.7	428.0	433.8	445.4	467.7
27.5°	417.4	443.7	478.5	519.3	494.3	431.9	435.1	446.6	485.2	518.1	567.8
25°	437.0	468.8	511.9	493.1	435.9	441.8	470.7	514.4	588.0	656.7	716.8
22.5°	460.6	501.1	506.8	436.0	443.7	481.5	540.2	634.8	724.2	807.3	869.2
20°	484.6	531.3	459.4	444.5	477.7	545.2	654.3	762.8	862.7	936.9	998.9
17.5°	513.3	496.8	445.9	461.9	529.1	645.8	768.5	883.6	977.7	1106.1	1215.4
15°	538.4	463.5	454.1	506.7	607.8	739.1	872.5	975.8	1145.9	1329.9	1516.0
12.5°	524.0	451.8	468.7	546.6	679.5	821.4	939.3	1102.9	1328.0	1596.7	2000.5
10°	502.6	458.4	499.9	601.7	740.9	879.1	1001.6	1216.0	1513.2	2006.7	2642.4
7.5°	486.1	461.2	520.4	644.1	786.5	914.0	1077.2	1337.3	1751.5	2428.5	3782.2
5°	473.6	461.1	529.9	668.7	813.6	938.0	1123.9	1425.4	1984.9	2949.5	5262.6
2.5°	468.0	458.7	532.5	681.9	826.8	951.4	1152.9	1488.8	2132.3	3433.6	6920.1
0°	471.8	453.9	531.5	686.8	834.6	949.6	1157.1	1507.9	2176.8	3612.3	7142.6
-2.5°	468.0	458.7	532.5	681.9	826.8	951.4	1152.9	1488.8	2132.3	3433.6	6920.1
-5°	473.6	461.1	529.9	668.7	813.6	938.0	1123.9	1425.4	1984.9	2949.5	5262.6
-7.5°	486.1	461.2	520.4	644.1	786.5	914.0	1077.2	1337.3	1751.5	2428.5	3782.2
-10°	502.6	458.4	499.9	601.7	740.9	879.1	1001.6	1216.0	1513.2	2006.7	2642.4
-12.5°	524.0	451.8	468.7	546.6	679.5	821.4	939.3	1102.9	1328.0	1596.7	2000.5
-15°	538.4	463.5	454.1	506.7	607.8	739.1	872.5	975.8	1145.9	1329.9	1516.0
-17.5°	513.3	496.8	445.9	461.9	529.1	645.8	768.5	883.6	977.7	1106.1	1215.4
-20°	484.6	531.3	459.4	444.5	477.7	545.2	654.3	762.8	862.7	936.9	998.9



REPORT NUMBER: P558833 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-935-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	460.6	501.1	506.8	436.0	443.7	481.5	540.2	634.8	724.2	807.3	869.2
-25°	437.0	468.8	511.9	493.1	435.9	441.8	470.7	514.4	588.0	656.7	716.8
-27.5°	417.4	443.7	478.5	519.3	494.3	431.9	435.1	446.6	485.2	518.1	567.8
-30°	400.8	422.0	450.6	483.6	515.4	504.1	447.7	428.0	433.8	445.4	467.7
-32.5°	385.4	403.6	424.3	449.7	472.5	497.9	523.6	482.3	440.0	423.5	426.9
-35°	367.7	385.4	402.5	419.0	435.6	454.1	474.6	498.4	519.4	500.3	472.6
-37.5°	344.4	364.6	381.5	394.6	407.6	419.6	436.0	452.1	469.3	492.6	509.6
-40°	306.6	338.0	357.3	374.0	384.7	393.8	405.2	416.4	434.4	455.2	473.5
-42.5°	263.0	294.3	325.5	345.9	361.4	371.6	378.8	386.1	409.1	429.3	445.8
-45°	223.8	250.7	276.0	303.4	327.5	340.1	350.1	363.9	385.8	406.7	423.8
-47.5°	193.2	212.7	234.6	255.2	272.1	291.1	308.3	330.4	351.7	373.1	391.3
-50°	168.3	183.0	200.2	214.7	227.1	239.4	250.4	271.8	296.0	318.9	340.9
-52.5°	148.6	160.5	172.4	181.2	189.8	197.4	205.1	223.2	241.1	257.9	278.9
-55°	132.1	141.4	150.3	155.2	159.7	163.8	170.9	184.9	198.2	210.8	232.4
-57.5°	117.0	124.7	131.1	133.6	135.6	137.0	144.2	155.3	165.7	176.4	197.2
-60°	101.2	109.4	113.7	114.9	115.6	115.9	124.2	133.6	142.4	153.1	172.5
-62.5°	83.9	91.5	95.0	96.5	97.4	97.6	107.9	117.5	126.2	139.4	160.2
-65°	67.8	73.6	76.0	77.3	77.9	80.3	93.0	104.3	114.6	135.7	168.3
-67.5°	55.2	57.7	59.0	59.7	60.5	65.9	80.7	94.3	107.0	134.1	176.9
-70°	43.7	44.9	45.8	46.6	47.2	53.5	67.4	81.9	96.9	111.9	127.9
-72.5°	32.8	33.8	34.6	35.3	35.8	41.1	50.6	61.0	72.0	78.8	83.7
-75°	22.7	23.9	24.7	25.3	25.7	29.2	34.5	40.1	45.9	48.8	51.0
-77.5°	14.2	15.2	15.9	16.4	16.7	19.1	22.1	25.2	28.5	30.2	31.5
-80°	8.0	8.6	9.1	9.4	9.7	10.8	12.1	13.4	14.9	15.4	15.8
-82.5°	4.4	4.6	4.8	5.0	5.2	5.3	5.5	5.6	5.7	5.8	5.9
-85°	2.5	2.5	2.6	2.7	2.7	2.8	2.8	2.9	2.9	2.9	3.0
-87.5°	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.5
-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: P558833 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-935-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°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4
85°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9
82.5°	5.9	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.8	5.7	5.6
80°	16.0	16.2	15.6	14.9	15.6	16.2	16.0	15.8	15.4	14.9	13.4
77.5°	32.8	33.9	32.8	31.4	32.8	33.9	32.8	31.5	30.2	28.5	25.2
75°	52.9	54.6	53.7	52.3	53.7	54.6	52.9	51.0	48.8	45.9	40.1
72.5°	88.4	92.7	91.7	89.6	91.7	92.7	88.4	83.7	78.8	72.0	61.0
70°	144.7	161.7	161.0	156.8	161.0	161.7	144.7	127.9	111.9	96.9	81.9
67.5°	223.1	271.2	286.5	294.1	286.5	271.2	223.1	176.9	134.1	107.0	94.3
65°	198.7	227.7	239.2	247.8	239.2	227.7	198.7	168.3	135.7	114.6	104.3
62.5°	178.7	196.0	199.7	200.1	199.7	196.0	178.7	160.2	139.4	126.2	117.5
60°	191.3	209.6	212.3	209.0	212.3	209.6	191.3	172.5	153.1	142.4	133.6
57.5°	217.2	236.4	240.0	235.9	240.0	236.4	217.2	197.2	176.4	165.7	155.3
55°	253.1	272.5	278.9	277.7	278.9	272.5	253.1	232.4	210.8	198.2	184.9
52.5°	298.9	316.8	324.2	324.0	324.2	316.8	298.9	278.9	257.9	241.1	223.2
50°	360.2	376.2	384.1	385.2	384.1	376.2	360.2	340.9	318.9	296.0	271.8
47.5°	404.3	414.8	420.3	421.0	420.3	414.8	404.3	391.3	373.1	351.7	330.4
45°	431.4	437.0	441.3	444.9	441.3	437.0	431.4	423.8	406.7	385.8	363.9
42.5°	456.8	468.6	477.3	479.3	477.3	468.6	456.8	445.8	429.3	409.1	386.1
40°	490.9	507.2	522.7	539.0	522.7	507.2	490.9	473.5	455.2	434.4	416.4
37.5°	527.3	545.4	560.4	568.8	560.4	545.4	527.3	509.6	492.6	469.3	452.1
35°	453.1	441.3	434.3	431.5	434.3	441.3	453.1	472.6	500.3	519.4	498.4
32.5°	428.9	429.7	428.3	425.5	428.3	429.7	428.9	426.9	423.5	440.0	482.3
30°	484.3	492.2	493.2	492.7	493.2	492.2	484.3	467.7	445.4	433.8	428.0
27.5°	604.6	624.8	631.0	643.5	631.0	624.8	604.6	567.8	518.1	485.2	446.6
25°	763.2	793.7	808.3	813.7	808.3	793.7	763.2	716.8	656.7	588.0	514.4
22.5°	904.2	927.5	941.1	952.5	941.1	927.5	904.2	869.2	807.3	724.2	634.8
20°	1071.3	1113.7	1133.2	1134.7	1133.2	1113.7	1071.3	998.9	936.9	862.7	762.8
17.5°	1332.2	1414.8	1456.0	1467.6	1456.0	1414.8	1332.2	1215.4	1106.1	977.7	883.6
15°	1743.7	1954.5	2062.9	2114.1	2062.9	1954.5	1743.7	1516.0	1329.9	1145.9	975.8
12.5°	2415.1	2890.2	3274.4	3419.0	3274.4	2890.2	2415.1	2000.5	1596.7	1328.0	1102.9
10°	3745.2	5164.1	6821.6	7594.9	6821.6	5164.1	3745.2	2642.4	2006.7	1513.2	1216.0
7.5°	7245.4	16822.6	32605.0	40133.6	32605.0	16822.6	7245.4	3782.2	2428.5	1751.5	1337.3
5°	15443.9	66651.0	119363.5	140202.7	119363.5	66651.0	15443.9	5262.6	2949.5	1984.9	1425.4
2.5°	24598.8	109316.3	206262.3	241181.0	206262.3	109316.3	24598.8	6920.1	3433.6	2132.3	1488.8
0°	29390.6	115199.2	227605.8	262447.4	227605.8	115199.2	29390.6	7142.6	3612.3	2176.8	1507.9
-2.5°	24598.8	109316.3	206262.3	241180.9	206262.3	109316.3	24598.8	6920.1	3433.6	2132.3	1488.8
-5°	15443.9	66651.0	119363.5	140202.7	119363.5	66651.0	15443.9	5262.6	2949.5	1984.9	1425.4
-7.5°	7245.4	16822.6	32605.0	40133.6	32605.0	16822.6	7245.4	3782.2	2428.5	1751.5	1337.3
-10°	3745.2	5164.1	6821.6	7594.9	6821.6	5164.1	3745.2	2642.4	2006.7	1513.2	1216.0
-12.5°	2415.1	2890.2	3274.4	3419.0	3274.4	2890.2	2415.1	2000.5	1596.7	1328.0	1102.9
-15°	1743.7	1954.5	2062.9	2114.1	2062.9	1954.5	1743.7	1516.0	1329.9	1145.9	975.8
-17.5°	1332.2	1414.8	1456.0	1467.6	1456.0	1414.8	1332.2	1215.4	1106.1	977.7	883.6
-20°	1071.3	1113.7	1133.2	1134.7	1133.2	1113.7	1071.3	998.9	936.9	862.7	762.8



REPORT NUMBER: P558833 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-935-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°	904.2	927.5	941.1	952.5	941.1	927.5	904.2	869.2	807.3	724.2	634.8
-25°	763.2	793.7	808.3	813.7	808.3	793.7	763.2	716.8	656.7	588.0	514.4
-27.5°	604.6	624.8	631.0	643.5	631.0	624.8	604.6	567.8	518.1	485.2	446.6
-30°	484.3	492.2	493.2	492.7	493.2	492.2	484.3	467.7	445.4	433.8	428.0
-32.5°	428.9	429.7	428.3	425.5	428.3	429.7	428.9	426.9	423.5	440.0	482.3
-35°	453.1	441.3	434.3	431.5	434.3	441.3	453.1	472.6	500.3	519.4	498.4
-37.5°	527.3	545.4	560.4	568.8	560.4	545.4	527.3	509.6	492.6	469.3	452.1
-40°	490.9	507.2	522.7	539.0	522.7	507.2	490.9	473.5	455.2	434.4	416.4
-42.5°	456.8	468.6	477.3	479.3	477.3	468.6	456.8	445.8	429.3	409.1	386.1
-45°	431.4	437.0	441.3	444.9	441.3	437.0	431.4	423.8	406.7	385.8	363.9
-47.5°	404.3	414.8	420.3	421.0	420.3	414.8	404.3	391.3	373.1	351.7	330.4
-50°	360.2	376.2	384.1	385.2	384.1	376.2	360.2	340.9	318.9	296.0	271.8
-52.5°	298.9	316.8	324.2	324.0	324.2	316.8	298.9	278.9	257.9	241.1	223.2
-55°	253.1	272.5	278.9	277.7	278.9	272.5	253.1	232.4	210.8	198.2	184.9
-57.5°	217.2	236.4	240.0	235.9	240.0	236.4	217.2	197.2	176.4	165.7	155.3
-60°	191.3	209.6	212.3	209.0	212.3	209.6	191.3	172.5	153.1	142.4	133.6
-62.5°	178.7	196.0	199.7	200.1	199.7	196.0	178.7	160.2	139.4	126.2	117.5
-65°	198.7	227.7	239.2	247.8	239.2	227.7	198.7	168.3	135.7	114.6	104.3
-67.5°	223.1	271.2	286.5	294.1	286.5	271.2	223.1	176.9	134.1	107.0	94.3
-70°	144.7	161.7	161.0	156.8	161.0	161.7	144.7	127.9	111.9	96.9	81.9
-72.5°	88.4	92.7	91.7	89.6	91.7	92.7	88.4	83.7	78.8	72.0	61.0
-75°	52.9	54.6	53.7	52.3	53.7	54.6	52.9	51.0	48.8	45.9	40.1
-77.5°	32.8	33.9	32.8	31.4	32.8	33.9	32.8	31.5	30.2	28.5	25.2
-80°	16.0	16.2	15.6	14.9	15.6	16.2	16.0	15.8	15.4	14.9	13.4
-82.5°	5.9	6.0	6.0	6.0	6.0	6.0	5.9	5.9	5.8	5.7	5.6
-85°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9
-87.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	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: P558833 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-935-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°	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.1
85°	2.8	2.8	2.7	2.7	2.6	2.5	2.5	2.4	2.3	2.2	2.1
82.5°	5.5	5.3	5.2	5.0	4.8	4.6	4.4	4.1	3.9	3.6	3.4
80°	12.1	10.8	9.7	9.4	9.1	8.6	8.0	7.2	6.4	5.8	5.5
77.5°	22.1	19.1	16.7	16.4	15.9	15.2	14.2	12.6	11.4	10.2	9.1
75°	34.5	29.2	25.7	25.3	24.7	23.9	22.7	20.6	18.5	16.3	14.3
72.5°	50.6	41.1	35.8	35.3	34.6	33.8	32.8	31.0	28.4	24.9	21.7
70°	67.4	53.5	47.2	46.6	45.8	44.9	43.7	42.3	40.9	38.4	33.5
67.5°	80.7	65.9	60.5	59.7	59.0	57.7	55.2	53.0	51.1	49.1	44.1
65°	93.0	80.3	77.9	77.3	76.0	73.6	67.8	63.5	60.5	57.8	52.5
62.5°	107.9	97.6	97.4	96.5	95.0	91.5	83.9	76.9	70.7	65.3	60.8
60°	124.2	115.9	115.6	114.9	113.7	109.4	101.2	92.3	82.8	76.7	70.7
57.5°	144.2	137.0	135.6	133.6	131.1	124.7	117.0	109.0	99.4	90.7	82.3
55°	170.9	163.8	159.7	155.2	150.3	141.4	132.1	122.9	114.4	106.6	97.0
52.5°	205.1	197.4	189.8	181.2	172.4	160.5	148.6	138.2	128.5	120.0	111.0
50°	250.4	239.4	227.1	214.7	200.2	183.0	168.3	154.9	144.1	134.0	123.8
47.5°	308.3	291.1	272.1	255.2	234.6	212.7	193.2	174.4	162.0	148.5	137.3
45°	350.1	340.1	327.5	303.4	276.0	250.7	223.8	202.3	182.4	166.6	150.7
42.5°	378.8	371.6	361.4	345.9	325.5	294.3	263.0	234.6	208.8	186.8	166.7
40°	405.2	393.8	384.7	374.0	357.3	338.0	306.6	270.9	239.7	211.1	182.8
37.5°	436.0	419.6	407.6	394.6	381.5	364.6	344.4	312.4	272.7	236.6	202.5
35°	474.6	454.1	435.6	419.0	402.5	385.4	367.7	346.5	310.1	264.5	223.6
32.5°	523.6	497.9	472.5	449.7	424.3	403.6	385.4	366.7	342.3	296.0	248.8
30°	447.7	504.1	515.4	483.6	450.6	422.0	400.8	382.2	359.6	327.9	274.3
27.5°	435.1	431.9	494.3	519.3	478.5	443.7	417.4	395.8	375.6	347.8	303.4
25°	470.7	441.8	435.9	493.1	511.9	468.8	437.0	411.1	387.7	364.2	337.8
22.5°	540.2	481.5	443.7	436.0	506.8	501.1	460.6	427.2	401.7	386.9	361.7
20°	654.3	545.2	477.7	444.5	459.4	531.3	484.6	449.2	425.7	407.8	383.9
17.5°	768.5	645.8	529.1	461.9	445.9	496.8	513.3	475.6	446.6	429.2	405.9
15°	872.5	739.1	607.8	506.7	454.1	463.5	538.4	500.1	466.2	449.1	424.0
12.5°	939.3	821.4	679.5	546.6	468.7	451.8	524.0	521.8	486.8	460.7	435.7
10°	1001.6	879.1	740.9	601.7	499.9	458.4	502.6	539.7	503.2	470.1	445.0
7.5°	1077.2	914.0	786.5	644.1	520.4	461.2	486.1	556.0	518.3	479.5	452.3
5°	1123.9	938.0	813.6	668.7	529.9	461.1	473.6	570.6	531.7	488.7	457.9
2.5°	1152.9	951.4	826.8	681.9	532.5	458.7	468.0	583.9	544.9	493.9	459.3
0°	1157.1	949.6	834.6	686.8	531.5	453.9	471.8	595.7	556.9	497.2	459.8
-2.5°	1152.9	951.4	826.8	681.9	532.5	458.7	468.0	583.9	544.9	493.9	459.3
-5°	1123.9	938.0	813.6	668.7	529.9	461.1	473.6	570.6	531.7	488.7	457.9
-7.5°	1077.2	914.0	786.5	644.1	520.4	461.2	486.1	556.0	518.3	479.5	452.3
-10°	1001.6	879.1	740.9	601.7	499.9	458.4	502.6	539.7	503.2	470.1	445.0
-12.5°	939.3	821.4	679.5	546.6	468.7	451.8	524.0	521.8	486.8	460.7	435.7
-15°	872.5	739.1	607.8	506.7	454.1	463.5	538.4	500.1	466.2	449.1	424.0
-17.5°	768.5	645.8	529.1	461.9	445.9	496.8	513.3	475.6	446.6	429.2	405.9
-20°	654.3	545.2	477.7	444.5	459.4	531.3	484.6	449.2	425.7	407.8	383.9





REPORT NUMBER: P558833 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-935-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	540.2	481.5	443.7	436.0	506.8	501.1	460.6	427.2	401.7	386.9	361.7
-25°	470.7	441.8	435.9	493.1	511.9	468.8	437.0	411.1	387.7	364.2	337.8
-27.5°	435.1	431.9	494.3	519.3	478.5	443.7	417.4	395.8	375.6	347.8	303.4
-30°	447.7	504.1	515.4	483.6	450.6	422.0	400.8	382.2	359.6	327.9	274.3
-32.5°	523.6	497.9	472.5	449.7	424.3	403.6	385.4	366.7	342.3	296.0	248.8
-35°	474.6	454.1	435.6	419.0	402.5	385.4	367.7	346.5	310.1	264.5	223.6
-37.5°	436.0	419.6	407.6	394.6	381.5	364.6	344.4	312.4	272.7	236.6	202.5
-40°	405.2	393.8	384.7	374.0	357.3	338.0	306.6	270.9	239.7	211.1	182.8
-42.5°	378.8	371.6	361.4	345.9	325.5	294.3	263.0	234.6	208.8	186.8	166.7
-45°	350.1	340.1	327.5	303.4	276.0	250.7	223.8	202.3	182.4	166.6	150.7
-47.5°	308.3	291.1	272.1	255.2	234.6	212.7	193.2	174.4	162.0	148.5	137.3
-50°	250.4	239.4	227.1	214.7	200.2	183.0	168.3	154.9	144.1	134.0	123.8
-52.5°	205.1	197.4	189.8	181.2	172.4	160.5	148.6	138.2	128.5	120.0	111.0
-55°	170.9	163.8	159.7	155.2	150.3	141.4	132.1	122.9	114.4	106.6	97.0
-57.5°	144.2	137.0	135.6	133.6	131.1	124.7	117.0	109.0	99.4	90.7	82.3
-60°	124.2	115.9	115.6	114.9	113.7	109.4	101.2	92.3	82.8	76.7	70.7
-62.5°	107.9	97.6	97.4	96.5	95.0	91.5	83.9	76.9	70.7	65.3	60.8
-65°	93.0	80.3	77.9	77.3	76.0	73.6	67.8	63.5	60.5	57.8	52.5
-67.5°	80.7	65.9	60.5	59.7	59.0	57.7	55.2	53.0	51.1	49.1	44.1
-70°	67.4	53.5	47.2	46.6	45.8	44.9	43.7	42.3	40.9	38.4	33.5
-72.5°	50.6	41.1	35.8	35.3	34.6	33.8	32.8	31.0	28.4	24.9	21.7
-75°	34.5	29.2	25.7	25.3	24.7	23.9	22.7	20.6	18.5	16.3	14.3
-77.5°	22.1	19.1	16.7	16.4	15.9	15.2	14.2	12.6	11.4	10.2	9.1
-80°	12.1	10.8	9.7	9.4	9.1	8.6	8.0	7.2	6.4	5.8	5.5
-82.5°	5.5	5.3	5.2	5.0	4.8	4.6	4.4	4.1	3.9	3.6	3.4
-85°	2.8	2.8	2.7	2.7	2.6	2.5	2.5	2.4	2.3	2.2	2.1
-87.5°	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1	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: P558833 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-935-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°	1.0	1.0	0.9	0.9	1.0	1.1	1.2	1.3	1.1	1.0	0.9
85°	2.0	1.9	1.8	1.7	2.0	2.3	2.4	2.5	2.3	2.0	1.8
82.5°	3.1	2.9	2.7	2.6	2.6	2.6	2.8	3.0	3.0	3.0	2.7
80°	5.1	4.7	4.3	3.9	3.4	3.0	2.9	3.0	3.0	3.0	3.0
77.5°	8.3	7.3	6.2	5.6	5.0	4.5	3.9	3.3	3.0	3.0	3.0
75°	12.7	11.6	10.5	9.0	7.4	5.9	5.2	4.6	4.0	3.1	3.0
72.5°	19.7	17.7	15.5	13.0	10.9	9.0	7.2	5.9	5.3	4.4	3.3
70°	28.6	24.6	21.8	18.5	15.1	12.0	9.8	8.2	6.6	5.7	4.5
67.5°	38.8	33.2	28.6	24.1	20.1	16.3	12.7	10.7	9.0	7.0	5.8
65°	46.7	40.9	35.3	30.2	25.2	20.6	16.5	13.6	11.4	9.3	7.0
62.5°	54.9	47.9	41.8	36.1	30.5	25.2	20.3	17.6	14.1	11.5	8.8
60°	64.1	57.1	48.7	42.1	35.9	29.8	25.0	21.5	17.8	13.7	10.8
57.5°	75.2	67.3	57.7	48.7	41.3	34.6	29.9	26.0	21.6	17.0	12.9
55°	87.2	77.9	66.5	56.1	47.1	39.5	35.3	30.9	25.6	20.5	15.1
52.5°	100.9	88.5	75.6	63.6	53.2	45.2	41.4	35.8	30.2	24.0	18.4
50°	113.7	99.5	85.0	71.7	59.1	52.6	47.8	41.8	34.9	27.7	22.0
47.5°	124.3	109.7	94.8	79.6	66.1	60.6	55.2	48.1	39.6	32.0	25.8
45°	135.0	118.8	103.7	88.1	75.6	69.7	63.4	54.6	45.6	37.1	29.6
42.5°	145.8	128.4	111.6	96.1	86.4	78.9	71.9	62.3	51.6	42.4	34.0
40°	159.4	138.1	119.5	105.7	96.9	88.0	80.3	70.5	58.0	48.3	38.8
37.5°	172.6	149.2	128.2	116.0	106.9	97.3	88.4	78.9	66.0	55.0	43.7
35°	189.7	160.8	140.4	126.8	116.1	106.3	96.4	87.1	75.2	61.7	48.7
32.5°	206.2	175.5	154.5	137.7	124.8	114.8	104.3	97.3	84.8	68.6	53.7
30°	228.3	195.0	168.3	148.0	133.4	122.5	114.1	108.9	94.8	75.4	59.0
27.5°	255.6	214.1	182.5	159.6	142.5	130.2	127.1	121.6	105.0	82.9	64.6
25°	283.4	236.8	199.5	171.2	151.0	143.2	140.0	135.3	115.6	91.2	70.2
22.5°	314.1	259.9	215.9	182.1	165.4	155.7	152.3	147.0	126.8	99.6	75.7
20°	343.8	281.8	232.8	200.4	181.0	169.1	163.9	158.5	138.4	107.9	81.0
17.5°	370.9	306.3	256.5	220.4	196.9	182.2	175.1	169.7	150.4	116.1	86.2
15°	388.9	332.6	278.6	239.1	212.1	194.9	185.9	180.8	162.5	124.1	89.9
12.5°	404.3	355.6	298.6	256.5	226.6	207.4	196.3	191.6	174.6	129.3	91.8
10°	417.1	375.4	316.4	272.6	240.4	219.4	206.5	199.2	179.2	131.9	93.5
7.5°	427.6	392.1	332.2	287.4	251.8	225.5	208.0	200.6	182.0	133.9	95.0
5°	435.0	402.0	339.8	291.3	252.7	225.0	208.0	201.7	183.9	135.2	96.1
2.5°	436.0	403.0	341.7	292.5	252.9	224.0	207.8	202.5	185.0	135.9	96.8
0°	436.0	401.6	341.9	292.6	252.3	222.5	207.5	203.0	185.1	135.9	97.0
-2.5°	436.0	403.0	341.7	292.5	252.9	224.0	207.8	202.5	185.0	135.9	96.8
-5°	435.0	402.0	339.8	291.3	252.7	225.0	208.0	201.7	183.9	135.2	96.1
-7.5°	427.6	392.1	332.2	287.4	251.8	225.5	208.0	200.6	182.0	133.9	95.0
-10°	417.1	375.4	316.4	272.6	240.4	219.4	206.5	199.2	179.2	131.9	93.5
-12.5°	404.3	355.6	298.6	256.5	226.6	207.4	196.3	191.6	174.6	129.3	91.8
-15°	388.9	332.6	278.6	239.1	212.1	194.9	185.9	180.8	162.5	124.1	89.9
-17.5°	370.9	306.3	256.5	220.4	196.9	182.2	175.1	169.7	150.4	116.1	86.2
-20°	343.8	281.8	232.8	200.4	181.0	169.1	163.9	158.5	138.4	107.9	81.0



REPORT NUMBER: P558833 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-935-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°	314.1	259.9	215.9	182.1	165.4	155.7	152.3	147.0	126.8	99.6	75.7
-25°	283.4	236.8	199.5	171.2	151.0	143.2	140.0	135.3	115.6	91.2	70.2
-27.5°	255.6	214.1	182.5	159.6	142.5	130.2	127.1	121.6	105.0	82.9	64.6
-30°	228.3	195.0	168.3	148.0	133.4	122.5	114.1	108.9	94.8	75.4	59.0
-32.5°	206.2	175.5	154.5	137.7	124.8	114.8	104.3	97.3	84.8	68.6	53.7
-35°	189.7	160.8	140.4	126.8	116.1	106.3	96.4	87.1	75.2	61.7	48.7
-37.5°	172.6	149.2	128.2	116.0	106.9	97.3	88.4	78.9	66.0	55.0	43.7
-40°	159.4	138.1	119.5	105.7	96.9	88.0	80.3	70.5	58.0	48.3	38.8
-42.5°	145.8	128.4	111.6	96.1	86.4	78.9	71.9	62.3	51.6	42.4	34.0
-45°	135.0	118.8	103.7	88.1	75.6	69.7	63.4	54.6	45.6	37.1	29.6
-47.5°	124.3	109.7	94.8	79.6	66.1	60.6	55.2	48.1	39.6	32.0	25.8
-50°	113.7	99.5	85.0	71.7	59.1	52.6	47.8	41.8	34.9	27.7	22.0
-52.5°	100.9	88.5	75.6	63.6	53.2	45.2	41.4	35.8	30.2	24.0	18.4
-55°	87.2	77.9	66.5	56.1	47.1	39.5	35.3	30.9	25.6	20.5	15.1
-57.5°	75.2	67.3	57.7	48.7	41.3	34.6	29.9	26.0	21.6	17.0	12.9
-60°	64.1	57.1	48.7	42.1	35.9	29.8	25.0	21.5	17.8	13.7	10.8
-62.5°	54.9	47.9	41.8	36.1	30.5	25.2	20.3	17.6	14.1	11.5	8.8
-65°	46.7	40.9	35.3	30.2	25.2	20.6	16.5	13.6	11.4	9.3	7.0
-67.5°	38.8	33.2	28.6	24.1	20.1	16.3	12.7	10.7	9.0	7.0	5.8
-70°	28.6	24.6	21.8	18.5	15.1	12.0	9.8	8.2	6.6	5.7	4.5
-72.5°	19.7	17.7	15.5	13.0	10.9	9.0	7.2	5.9	5.3	4.4	3.3
-75°	12.7	11.6	10.5	9.0	7.4	5.9	5.2	4.6	4.0	3.1	3.0
-77.5°	8.3	7.3	6.2	5.6	5.0	4.5	3.9	3.3	3.0	3.0	3.0
-80°	5.1	4.7	4.3	3.9	3.4	3.0	2.9	3.0	3.0	3.0	3.0
-82.5°	3.1	2.9	2.7	2.6	2.6	2.6	2.8	3.0	3.0	3.0	2.7
-85°	2.0	1.9	1.8	1.7	2.0	2.3	2.4	2.5	2.3	2.0	1.8
-87.5°	1.0	1.0	0.9	0.9	1.0	1.1	1.2	1.3	1.1	1.0	0.9
-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: P558833 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-935-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°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
85°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
82.5°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
80°	3.0	2.6	2.1	1.6	1.0	0.5	0.0
77.5°	3.0	3.0	2.6	1.9	1.3	0.6	0.0
75°	3.0	3.0	3.0	2.3	1.6	0.8	0.0
72.5°	3.0	3.0	3.0	2.7	1.8	0.9	0.0
70°	3.1	3.0	3.0	3.0	2.0	1.0	0.0
67.5°	4.3	3.0	3.0	3.0	2.3	1.1	0.0
65°	5.4	3.5	3.0	3.0	2.5	1.3	0.0
62.5°	6.5	4.5	3.0	3.0	2.8	1.4	0.0
60°	7.7	5.5	3.0	3.0	3.0	1.5	0.0
57.5°	9.6	6.5	3.8	3.0	3.0	1.6	0.0
55°	11.6	7.4	4.6	3.0	3.0	1.7	0.0
52.5°	13.7	8.6	5.4	3.0	3.1	1.8	0.0
50°	15.9	10.4	6.2	3.0	3.1	1.9	0.0
47.5°	18.2	12.3	6.9	3.1	3.1	2.0	0.0
45°	21.6	14.2	7.7	3.7	3.2	2.1	0.0
42.5°	24.9	16.1	8.4	4.3	3.2	2.2	0.0
40°	28.4	18.0	9.5	4.8	3.3	2.3	0.0
37.5°	31.9	19.9	11.0	5.3	3.3	2.4	0.0
35°	35.3	22.3	12.4	5.7	3.4	2.5	0.0
32.5°	39.0	25.1	13.8	6.2	3.5	2.5	0.0
30°	43.1	27.7	15.1	6.5	3.5	2.6	0.0
27.5°	47.1	30.4	16.0	6.8	3.6	2.7	0.0
25°	51.1	32.9	16.7	7.1	3.7	2.7	0.0
22.5°	55.0	35.0	17.2	7.3	3.8	2.8	0.0
20°	58.8	35.7	17.6	7.4	3.9	2.8	0.0
17.5°	60.8	36.2	17.9	7.6	4.0	2.9	0.0
15°	61.5	36.3	18.0	7.7	4.0	2.9	0.0
12.5°	61.9	36.3	18.0	7.7	4.1	2.9	0.0
10°	62.1	36.0	17.9	7.7	4.2	3.0	0.0
7.5°	61.9	35.5	17.6	7.7	4.3	3.0	0.0
5°	61.5	34.8	17.3	7.7	4.4	3.0	0.0
2.5°	60.7	33.9	16.9	7.6	4.4	3.0	0.0
0°	59.7	32.8	16.4	7.5	4.5	3.0	0.0
-2.5°	60.7	33.9	16.9	7.6	4.4	3.0	0.0
-5°	61.5	34.8	17.3	7.7	4.4	3.0	0.0
-7.5°	61.9	35.5	17.6	7.7	4.3	3.0	0.0
-10°	62.1	36.0	17.9	7.7	4.2	3.0	0.0
-12.5°	61.9	36.3	18.0	7.7	4.1	2.9	0.0
-15°	61.5	36.3	18.0	7.7	4.0	2.9	0.0
-17.5°	60.8	36.2	17.9	7.6	4.0	2.9	0.0
-20°	58.8	35.7	17.6	7.4	3.9	2.8	0.0



REPORT NUMBER: P558833 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-935-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	55.0	35.0	17.2	7.3	3.8	2.8	0.0
-25°	51.1	32.9	16.7	7.1	3.7	2.7	0.0
-27.5°	47.1	30.4	16.0	6.8	3.6	2.7	0.0
-30°	43.1	27.7	15.1	6.5	3.5	2.6	0.0
-32.5°	39.0	25.1	13.8	6.2	3.5	2.5	0.0
-35°	35.3	22.3	12.4	5.7	3.4	2.5	0.0
-37.5°	31.9	19.9	11.0	5.3	3.3	2.4	0.0
-40°	28.4	18.0	9.5	4.8	3.3	2.3	0.0
-42.5°	24.9	16.1	8.4	4.3	3.2	2.2	0.0
-45°	21.6	14.2	7.7	3.7	3.2	2.1	0.0
-47.5°	18.2	12.3	6.9	3.1	3.1	2.0	0.0
-50°	15.9	10.4	6.2	3.0	3.1	1.9	0.0
-52.5°	13.7	8.6	5.4	3.0	3.1	1.8	0.0
-55°	11.6	7.4	4.6	3.0	3.0	1.7	0.0
-57.5°	9.6	6.5	3.8	3.0	3.0	1.6	0.0
-60°	7.7	5.5	3.0	3.0	3.0	1.5	0.0
-62.5°	6.5	4.5	3.0	3.0	2.8	1.4	0.0
-65°	5.4	3.5	3.0	3.0	2.5	1.3	0.0
-67.5°	4.3	3.0	3.0	3.0	2.3	1.1	0.0
-70°	3.1	3.0	3.0	3.0	2.0	1.0	0.0
-72.5°	3.0	3.0	3.0	2.7	1.8	0.9	0.0
-75°	3.0	3.0	3.0	2.3	1.6	0.8	0.0
-77.5°	3.0	3.0	2.6	1.9	1.3	0.6	0.0
-80°	3.0	2.6	2.1	1.6	1.0	0.5	0.0
-82.5°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
-85°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
-87.5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)