

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: P558813 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-927-U-MWR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558813 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-5)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA3D-927-U-MWR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5  
Light Source: (48) 2700K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

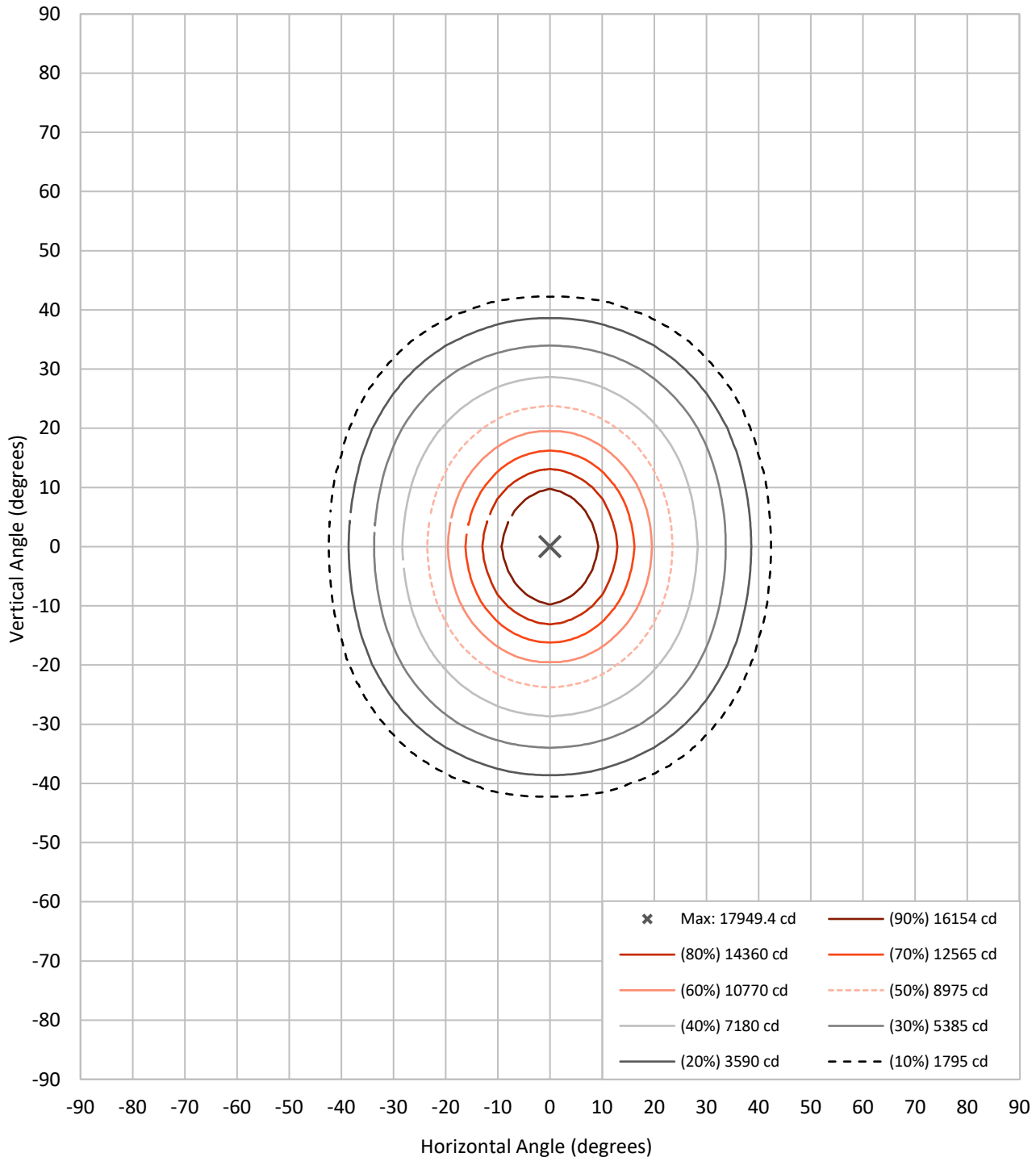
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	13972.6 lumens	Max Intensity:	17949.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	88.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	6593.2 lumens	Field Lumens:	12687.1 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

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





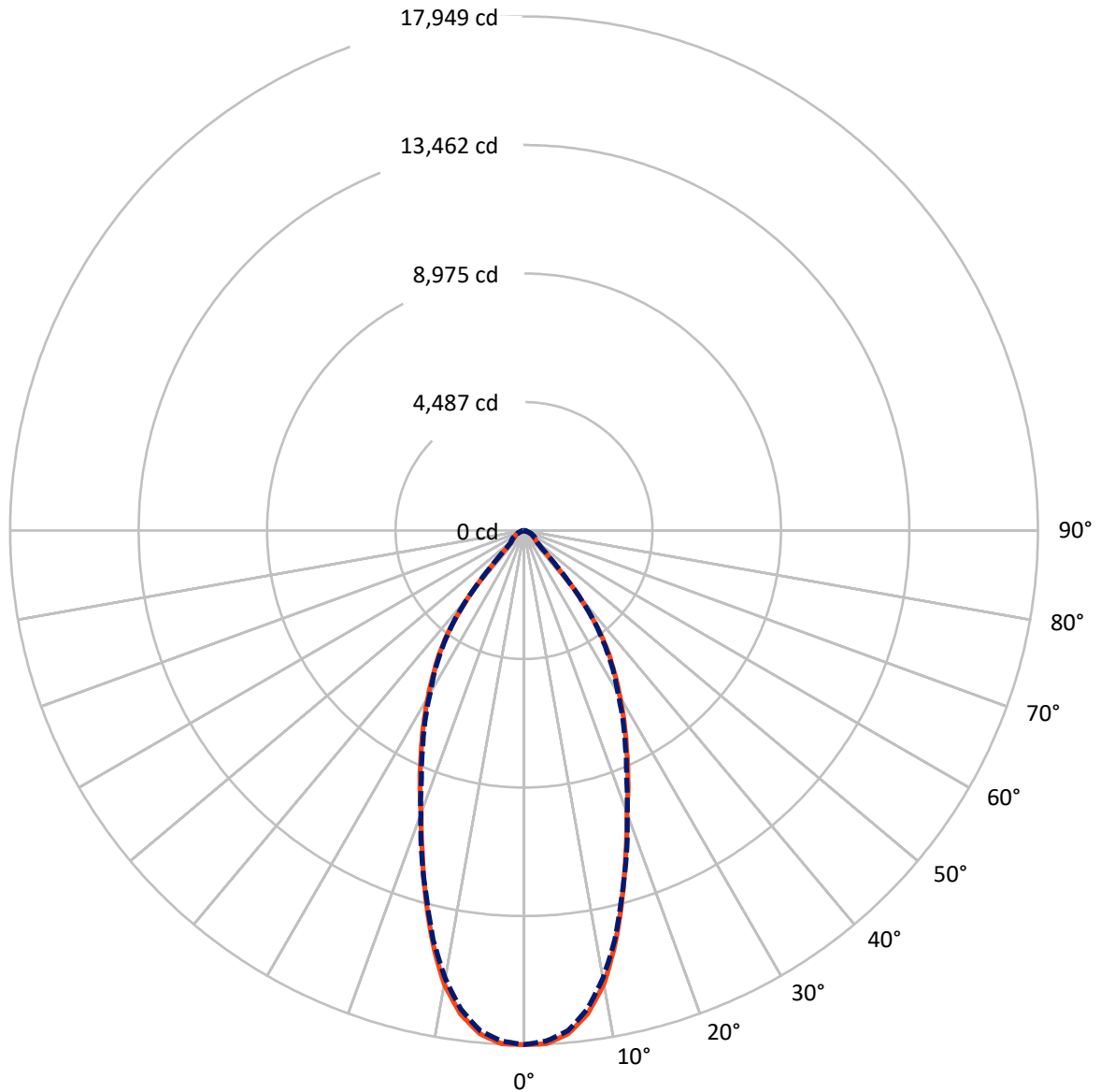
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### Lumen Table

90																
80	0.2	1.7		3.8		6.3		4.9		6.3		3.8		1.7		0.2
70																
60	1.0	1.1	2.0	3.2	4.5	5.6	6.4	6.9	6.9	6.4	5.6	4.5	3.2	2.0	1.1	1.0
50		1.7	3.4	5.6	8.0	10.0	11.5	12.6	12.6	11.5	10.0	8.0	5.6	3.4	1.7	
40	1.5	2.2	4.7	7.9	11.4	15.7	24.8	34.8	34.8	24.8	15.7	11.4	7.9	4.7	2.2	1.5
30		2.7	5.8	9.8	18.4	58.9	114.7	146.1	146.1	114.7	58.9	18.4	9.8	5.8	2.7	
20	1.6	3.2	6.8	12.3	53.8	140.7	207.6	251.4	251.4	207.6	140.7	53.8	12.3	6.8	3.2	1.6
10		3.5	7.6	18.8	97.9	194.2	295.0	384.0	384.0	295.0	194.2	97.9	18.8	7.6	3.5	
0	1.7	3.8	8.2	26.0	119.3	226.6	371.1	501.9	501.9	371.1	226.6	119.3	26.0	8.2	3.8	1.7
-10		3.8	8.2	26.0	119.3	226.6	371.1	501.9	501.9	371.1	226.6	119.3	26.0	8.2	3.8	
-20	1.6	3.5	7.6	18.8	97.9	194.2	295.0	384.0	384.0	295.0	194.2	97.9	18.8	7.6	3.5	1.6
-30		3.2	6.8	12.3	53.8	140.7	207.6	251.4	251.4	207.6	140.7	53.8	12.3	6.8	3.2	
-40	1.5	2.7	5.8	9.8	18.4	58.9	114.7	146.1	146.1	114.7	58.9	18.4	9.8	5.8	2.7	1.5
-50		2.2	4.7	7.9	11.4	15.7	24.8	34.8	34.8	24.8	15.7	11.4	7.9	4.7	2.2	
-60	1.0	1.7	3.4	5.6	8.0	10.0	11.5	12.6	12.6	11.5	10.0	8.0	5.6	3.4	1.7	1.0
-70		1.1	2.0	3.2	4.5	5.6	6.4	6.9	6.9	6.4	5.6	4.5	3.2	2.0	1.1	
-80																
-90	0.2	1.7		3.8		6.3		4.9		6.3		3.8		1.7		0.2

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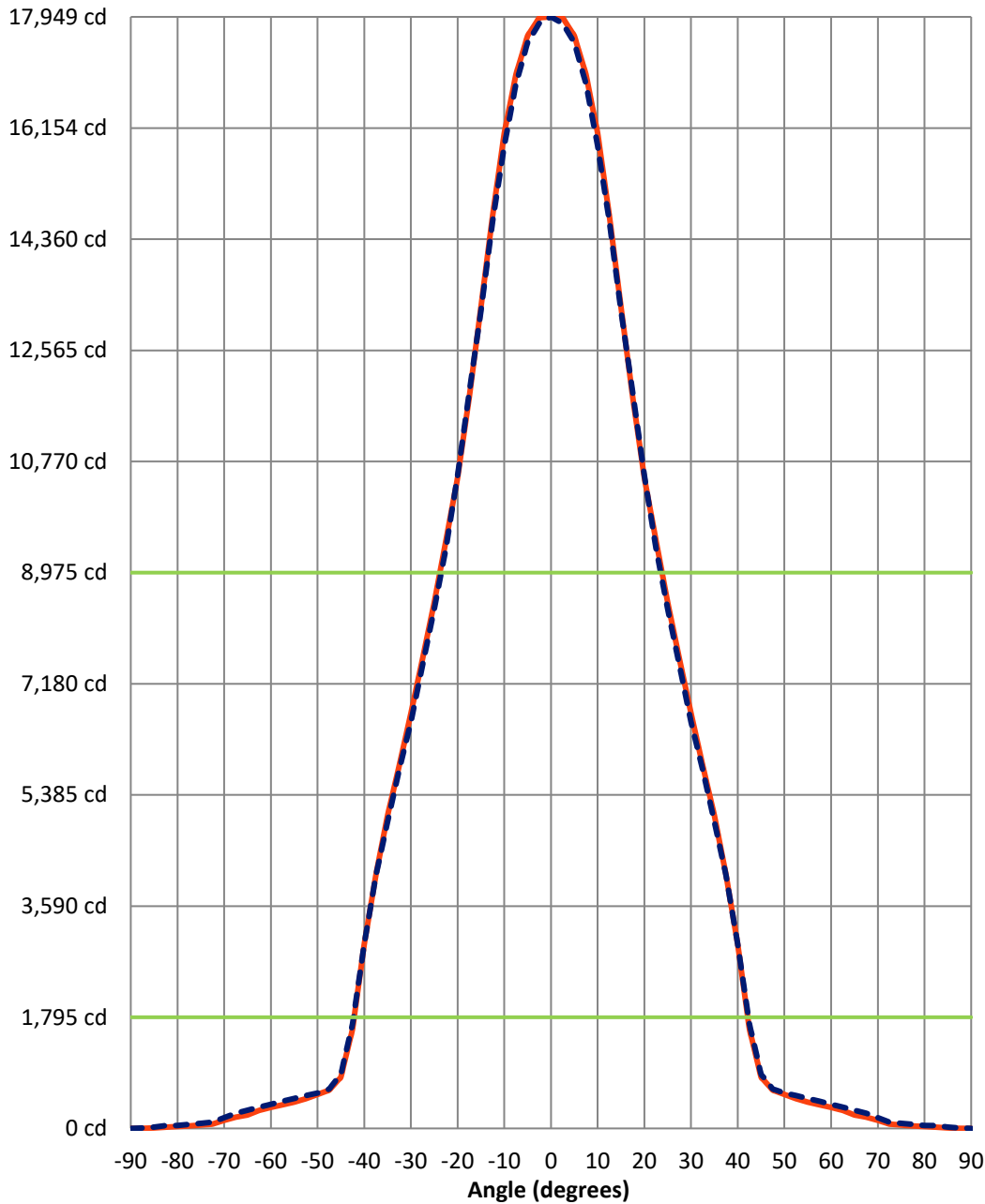
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 47°  
V Angle: 47.6°  
Lumens: 6593.2  
Efficiency: 47.2%

**Field:**  
H Angle: 84.6°  
V Angle: 84.3°  
Lumens: 12687.1  
Efficiency: 90.8%

**Spill:**  
Lumens: 1285.5  
Efficiency: 9.2%

— 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	0.3	0.6	1.0	1.4	1.9	2.4	2.7	3.0	3.2	3.4
85°	0.0	0.6	1.2	1.9	2.8	3.8	4.9	5.5	6.0	6.4	6.8
82.5°	0.0	0.9	1.7	2.9	4.2	5.6	7.3	8.2	9.2	11.1	12.4
80°	0.0	1.2	2.3	3.8	5.5	7.5	10.0	13.3	15.9	17.9	19.4
77.5°	0.0	1.4	2.9	4.7	6.9	10.2	15.8	19.7	22.7	24.9	26.9
75°	0.0	1.7	3.5	5.7	8.5	14.6	21.4	26.1	29.6	33.3	36.2
72.5°	0.0	2.0	4.0	6.6	11.7	18.8	26.9	33.0	38.2	42.4	45.5
70°	0.0	2.3	4.6	7.7	14.8	23.0	32.3	41.0	46.8	51.6	59.0
67.5°	0.0	2.6	5.1	9.8	17.8	27.0	38.7	49.0	55.5	63.2	73.0
65°	0.0	2.8	5.7	11.8	20.7	31.3	44.9	57.0	64.6	74.3	86.1
62.5°	0.0	3.1	6.2	13.8	23.5	35.9	50.7	64.2	73.3	85.1	98.2
60°	0.0	3.3	6.7	15.7	26.2	40.3	56.3	70.9	81.6	96.0	110.2
57.5°	0.0	3.6	7.9	17.5	29.3	44.4	60.1	76.7	90.8	106.7	120.7
55°	0.0	3.8	9.0	19.2	32.2	48.2	63.3	81.0	100.2	116.8	130.3
52.5°	0.0	4.1	10.2	20.8	35.0	51.6	66.0	86.8	109.4	125.3	139.7
50°	0.0	4.3	11.2	22.4	37.5	53.2	68.3	92.3	117.9	133.7	150.2
47.5°	0.0	4.5	12.3	23.9	39.9	54.5	70.4	97.1	125.1	141.8	160.4
45°	0.0	4.7	13.2	25.5	42.0	55.5	73.8	101.2	128.8	150.6	170.3
42.5°	0.0	4.9	14.2	26.9	44.0	56.2	76.7	104.0	131.7	159.1	180.3
40°	0.0	5.1	15.1	28.5	45.0	56.5	79.0	105.9	134.2	166.6	190.0
37.5°	0.0	5.3	15.9	30.1	45.2	56.5	80.9	107.3	137.0	170.2	199.3
35°	0.0	5.5	16.7	31.7	45.1	57.2	82.2	108.0	139.3	175.7	208.2
32.5°	0.0	5.7	17.4	33.2	44.8	58.1	82.8	108.2	141.2	182.3	216.4
30°	0.0	5.8	18.1	34.6	44.4	58.6	82.7	108.2	142.6	190.0	224.4
27.5°	0.0	5.9	18.7	36.0	44.9	58.8	82.2	108.9	145.4	198.7	232.2
25°	0.0	6.1	19.2	37.4	45.4	58.6	81.3	109.2	151.3	205.9	240.0
22.5°	0.0	6.2	19.7	38.6	45.8	58.7	80.0	109.1	157.4	211.9	249.4
20°	0.0	6.3	20.2	39.8	46.2	60.2	78.4	108.5	163.6	217.5	258.0
17.5°	0.0	6.4	20.6	40.9	46.5	61.6	78.5	107.5	169.7	222.6	265.7
15°	0.0	6.5	20.9	42.0	46.7	62.7	79.6	107.2	175.6	227.3	272.5
12.5°	0.0	6.5	21.2	42.9	46.9	63.7	80.6	107.6	179.6	231.5	278.3
10°	0.0	6.6	21.4	43.7	47.0	64.5	81.3	107.4	181.3	235.0	283.2
7.5°	0.0	6.6	21.5	44.4	47.1	65.2	81.8	106.5	181.5	238.4	287.4
5°	0.0	6.7	21.6	45.0	47.2	65.6	82.2	105.1	180.2	241.4	290.5
2.5°	0.0	6.7	21.6	45.5	47.2	65.9	82.3	103.3	177.6	243.9	292.7
0°	0.0	6.7	21.6	45.5	47.2	65.9	82.3	103.3	177.6	243.9	292.7
-2.5°	0.0	6.7	21.6	45.5	47.2	65.9	82.3	103.3	177.6	243.9	292.7
-5°	0.0	6.7	21.6	45.0	47.2	65.6	82.2	105.1	180.2	241.4	290.5
-7.5°	0.0	6.6	21.5	44.4	47.1	65.2	81.8	106.5	181.5	238.4	287.4
-10°	0.0	6.6	21.4	43.7	47.0	64.5	81.3	107.4	181.3	235.0	283.2
-12.5°	0.0	6.5	21.2	42.9	46.9	63.7	80.6	107.6	179.6	231.5	278.3
-15°	0.0	6.5	20.9	42.0	46.7	62.7	79.6	107.2	175.6	227.3	272.5
-17.5°	0.0	6.4	20.6	40.9	46.5	61.6	78.5	107.5	169.7	222.6	265.7
-20°	0.0	6.3	20.2	39.8	46.2	60.2	78.4	108.5	163.6	217.5	258.0



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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	6.2	19.7	38.6	45.8	58.7	80.0	109.1	157.4	211.9	249.4
-25°	0.0	6.1	19.2	37.4	45.4	58.6	81.3	109.2	151.3	205.9	240.0
-27.5°	0.0	5.9	18.7	36.0	44.9	58.8	82.2	108.9	145.4	198.7	232.2
-30°	0.0	5.8	18.1	34.6	44.4	58.6	82.7	108.2	142.6	190.0	224.4
-32.5°	0.0	5.7	17.4	33.2	44.8	58.1	82.8	108.2	141.2	182.3	216.4
-35°	0.0	5.5	16.7	31.7	45.1	57.2	82.2	108.0	139.3	175.7	208.2
-37.5°	0.0	5.3	15.9	30.1	45.2	56.5	80.9	107.3	137.0	170.2	199.3
-40°	0.0	5.1	15.1	28.5	45.0	56.5	79.0	105.9	134.2	166.6	190.0
-42.5°	0.0	4.9	14.2	26.9	44.0	56.2	76.7	104.0	131.7	159.1	180.3
-45°	0.0	4.7	13.2	25.5	42.0	55.5	73.8	101.2	128.8	150.6	170.3
-47.5°	0.0	4.5	12.3	23.9	39.9	54.5	70.4	97.1	125.1	141.8	160.4
-50°	0.0	4.3	11.2	22.4	37.5	53.2	68.3	92.3	117.9	133.7	150.2
-52.5°	0.0	4.1	10.2	20.8	35.0	51.6	66.0	86.8	109.4	125.3	139.7
-55°	0.0	3.8	9.0	19.2	32.2	48.2	63.3	81.0	100.2	116.8	130.3
-57.5°	0.0	3.6	7.9	17.5	29.3	44.4	60.1	76.7	90.8	106.7	120.7
-60°	0.0	3.3	6.7	15.7	26.2	40.3	56.3	70.9	81.6	96.0	110.2
-62.5°	0.0	3.1	6.2	13.8	23.5	35.9	50.7	64.2	73.3	85.1	98.2
-65°	0.0	2.8	5.7	11.8	20.7	31.3	44.9	57.0	64.6	74.3	86.1
-67.5°	0.0	2.6	5.1	9.8	17.8	27.0	38.7	49.0	55.5	63.2	73.0
-70°	0.0	2.3	4.6	7.7	14.8	23.0	32.3	41.0	46.8	51.6	59.0
-72.5°	0.0	2.0	4.0	6.6	11.7	18.8	26.9	33.0	38.2	42.4	45.5
-75°	0.0	1.7	3.5	5.7	8.5	14.6	21.4	26.1	29.6	33.3	36.2
-77.5°	0.0	1.4	2.9	4.7	6.9	10.2	15.8	19.7	22.7	24.9	26.9
-80°	0.0	1.2	2.3	3.8	5.5	7.5	10.0	13.3	15.9	17.9	19.4
-82.5°	0.0	0.9	1.7	2.9	4.2	5.6	7.3	8.2	9.2	11.1	12.4
-85°	0.0	0.6	1.2	1.9	2.8	3.8	4.9	5.5	6.0	6.4	6.8
-87.5°	0.0	0.3	0.6	1.0	1.4	1.9	2.4	2.7	3.0	3.2	3.4
-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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**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°	3.4	3.4	3.3	3.1	2.9	2.6	2.3	1.9	2.0	2.1	2.1
85°	6.9	6.8	7.3	7.8	8.0	7.9	7.7	7.2	8.3	9.5	10.8
82.5°	13.7	14.9	16.0	17.1	17.1	16.7	16.1	15.5	17.8	20.7	23.9
80°	21.1	22.9	25.6	28.3	29.0	28.7	27.8	26.3	29.6	34.4	39.8
77.5°	30.2	33.8	37.5	41.2	42.2	41.4	39.6	36.8	41.0	48.7	57.3
75°	40.0	44.7	50.5	55.1	56.1	54.5	51.8	49.4	54.5	64.1	73.3
72.5°	52.3	59.9	65.6	69.7	70.0	68.5	67.2	66.0	71.6	83.0	92.4
70°	67.9	75.5	80.0	82.5	83.0	84.0	87.8	91.4	97.0	106.8	114.5
67.5°	83.4	89.5	93.5	96.5	102.3	107.7	113.0	118.5	124.7	133.0	138.9
65°	97.3	103.4	108.8	115.8	124.2	130.9	138.0	145.6	154.2	162.0	167.7
62.5°	110.9	117.5	125.0	134.3	144.1	153.1	163.4	174.1	184.4	193.2	202.9
60°	122.1	131.0	141.0	152.2	164.0	177.6	190.1	202.4	213.7	224.7	238.3
57.5°	132.8	144.8	157.1	170.4	185.9	202.5	217.2	230.7	244.8	260.8	274.1
55°	144.0	159.1	173.2	189.3	207.8	227.8	243.9	259.1	276.5	295.7	310.7
52.5°	156.1	172.8	189.3	208.7	231.0	250.9	267.7	286.6	307.8	328.6	346.0
50°	167.8	186.2	205.5	230.1	252.2	271.2	292.0	314.9	337.0	358.4	378.9
47.5°	179.6	199.3	224.9	250.0	270.8	293.0	317.3	340.9	364.1	386.4	407.9
45°	191.2	214.5	243.0	266.8	289.9	315.4	340.6	365.3	389.7	413.4	436.9
42.5°	202.4	229.5	258.2	283.1	309.6	336.3	362.7	388.8	414.5	439.9	464.9
40°	214.6	243.2	273.3	300.6	328.2	356.1	383.8	411.4	438.5	465.4	491.9
37.5°	225.8	257.4	288.7	317.2	345.7	374.9	404.0	433.1	461.7	489.8	520.0
35°	235.9	271.7	303.3	333.2	363.0	392.7	423.4	454.0	484.3	514.7	553.2
32.5°	247.2	286.1	317.1	348.6	379.5	410.0	441.9	474.4	506.5	542.1	597.4
30°	260.0	298.1	330.2	363.3	395.0	427.0	460.0	493.9	527.7	583.0	710.8
27.5°	272.4	309.2	342.9	376.8	409.4	442.6	477.3	512.4	559.5	644.5	851.9
25°	283.9	319.9	354.8	389.2	422.8	457.3	493.1	529.5	593.5	765.2	1223.4
22.5°	293.6	330.1	366.5	400.5	435.0	470.6	507.7	556.2	655.0	887.1	1636.8
20°	301.9	339.9	377.0	412.4	446.3	482.4	521.0	581.5	748.4	1235.1	2132.2
17.5°	309.5	348.7	386.8	423.7	459.3	494.7	534.4	603.4	832.5	1537.5	2630.4
15°	316.6	356.7	395.8	434.4	471.2	508.1	555.4	665.6	1002.6	1837.8	3074.1
12.5°	322.9	363.6	404.1	444.2	481.9	520.0	574.4	727.4	1211.0	2190.0	3376.9
10°	328.5	369.6	411.5	453.1	491.3	530.4	590.4	778.1	1382.3	2479.7	3620.3
7.5°	333.6	375.4	418.3	461.1	499.5	539.4	603.4	817.7	1514.6	2697.9	3814.5
5°	338.0	381.0	426.4	469.8	509.6	549.2	614.6	846.1	1607.5	2844.9	3955.9
2.5°	341.3	385.8	433.5	477.5	520.9	561.0	627.4	867.2	1667.5	2938.5	4046.4
0°	343.6	389.4	439.3	483.8	530.9	571.4	637.4	877.3	1689.8	2972.7	4080.4
-2.5°	341.3	385.8	433.5	477.5	520.9	561.0	627.4	867.2	1667.5	2938.5	4046.4
-5°	338.0	381.0	426.4	469.8	509.6	549.2	614.6	846.1	1607.5	2844.9	3955.9
-7.5°	333.6	375.4	418.3	461.1	499.5	539.4	603.4	817.7	1514.6	2697.9	3814.5
-10°	328.5	369.6	411.5	453.1	491.3	530.4	590.4	778.1	1382.3	2479.7	3620.3
-12.5°	322.9	363.6	404.1	444.2	481.9	520.0	574.4	727.4	1211.0	2190.0	3376.9
-15°	316.6	356.7	395.8	434.4	471.2	508.1	555.4	665.6	1002.6	1837.8	3074.1
-17.5°	309.5	348.7	386.8	423.7	459.3	494.7	534.4	603.4	832.5	1537.5	2630.4
-20°	301.9	339.9	377.0	412.4	446.3	482.4	521.0	581.5	748.4	1235.1	2132.2



REPORT NUMBER: P558813 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	293.6	330.1	366.5	400.5	435.0	470.6	507.7	556.2	655.0	887.1	1636.8
-25°	283.9	319.9	354.8	389.2	422.8	457.3	493.1	529.5	593.5	765.2	1223.4
-27.5°	272.4	309.2	342.9	376.8	409.4	442.6	477.3	512.4	559.5	644.5	851.9
-30°	260.0	298.1	330.2	363.3	395.0	427.0	460.0	493.9	527.7	583.0	710.8
-32.5°	247.2	286.1	317.1	348.6	379.5	410.0	441.9	474.4	506.5	542.1	597.4
-35°	235.9	271.7	303.3	333.2	363.0	392.7	423.4	454.0	484.3	514.7	553.2
-37.5°	225.8	257.4	288.7	317.2	345.7	374.9	404.0	433.1	461.7	489.8	520.0
-40°	214.6	243.2	273.3	300.6	328.2	356.1	383.8	411.4	438.5	465.4	491.9
-42.5°	202.4	229.5	258.2	283.1	309.6	336.3	362.7	388.8	414.5	439.9	464.9
-45°	191.2	214.5	243.0	266.8	289.9	315.4	340.6	365.3	389.7	413.4	436.9
-47.5°	179.6	199.3	224.9	250.0	270.8	293.0	317.3	340.9	364.1	386.4	407.9
-50°	167.8	186.2	205.5	230.1	252.2	271.2	292.0	314.9	337.0	358.4	378.9
-52.5°	156.1	172.8	189.3	208.7	231.0	250.9	267.7	286.6	307.8	328.6	346.0
-55°	144.0	159.1	173.2	189.3	207.8	227.8	243.9	259.1	276.5	295.7	310.7
-57.5°	132.8	144.8	157.1	170.4	185.9	202.5	217.2	230.7	244.8	260.8	274.1
-60°	122.1	131.0	141.0	152.2	164.0	177.6	190.1	202.4	213.7	224.7	238.3
-62.5°	110.9	117.5	125.0	134.3	144.1	153.1	163.4	174.1	184.4	193.2	202.9
-65°	97.3	103.4	108.8	115.8	124.2	130.9	138.0	145.6	154.2	162.0	167.7
-67.5°	83.4	89.5	93.5	96.5	102.3	107.7	113.0	118.5	124.7	133.0	138.9
-70°	67.9	75.5	80.0	82.5	83.0	84.0	87.8	91.4	97.0	106.8	114.5
-72.5°	52.3	59.9	65.6	69.7	70.0	68.5	67.2	66.0	71.6	83.0	92.4
-75°	40.0	44.7	50.5	55.1	56.1	54.5	51.8	49.4	54.5	64.1	73.3
-77.5°	30.2	33.8	37.5	41.2	42.2	41.4	39.6	36.8	41.0	48.7	57.3
-80°	21.1	22.9	25.6	28.3	29.0	28.7	27.8	26.3	29.6	34.4	39.8
-82.5°	13.7	14.9	16.0	17.1	17.1	16.7	16.1	15.5	17.8	20.7	23.9
-85°	6.9	6.8	7.3	7.8	8.0	7.9	7.7	7.2	8.3	9.5	10.8
-87.5°	3.4	3.4	3.3	3.1	2.9	2.6	2.3	1.9	2.0	2.1	2.1
-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: P558813 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.2	2.3	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.3	2.0
85°	12.1	11.8	11.1	10.3	9.3	9.8	10.4	10.9	11.5	10.7	9.9
82.5°	27.2	27.5	27.5	27.5	27.3	28.5	29.6	30.6	31.5	29.1	26.3
80°	45.8	48.0	49.3	50.4	51.5	51.5	50.8	49.6	47.9	43.8	39.3
77.5°	66.2	69.6	71.3	73.0	74.8	75.4	75.8	76.3	76.8	69.7	60.6
75°	82.1	87.1	90.1	92.9	95.4	96.9	97.7	98.2	98.4	89.8	78.8
72.5°	100.1	105.1	108.7	112.1	115.3	117.3	118.5	119.4	120.0	112.6	102.0
70°	120.0	124.0	128.2	132.4	136.3	139.0	140.8	142.2	143.2	142.5	141.9
67.5°	143.6	147.0	152.2	156.2	160.3	163.2	166.2	168.6	170.4	172.4	174.6
65°	173.1	181.4	188.9	192.8	193.4	197.5	204.4	208.7	210.9	212.7	214.9
62.5°	214.1	224.2	229.6	236.0	244.4	252.1	255.0	259.0	263.7	269.5	276.1
60°	249.2	257.6	266.2	275.2	282.8	289.2	296.1	303.0	309.3	315.1	320.7
57.5°	285.2	294.4	303.2	313.6	320.9	325.2	331.9	340.2	346.6	351.6	359.1
55°	322.5	334.3	346.3	355.7	362.6	367.1	372.2	380.2	384.9	386.7	395.4
52.5°	360.0	374.0	388.7	399.7	407.0	413.8	420.1	427.1	431.9	434.2	442.7
50°	394.7	411.4	427.8	442.1	451.8	463.2	475.9	482.3	486.3	490.8	500.4
47.5°	427.8	446.4	463.9	480.2	494.2	506.9	517.9	528.5	544.1	556.5	568.8
45°	459.5	479.4	498.4	516.6	532.2	557.1	580.7	600.9	654.6	699.8	734.3
42.5°	489.4	513.4	534.8	565.2	598.3	655.6	744.1	826.0	984.7	1188.9	1359.4
40°	520.6	551.6	590.1	649.2	761.1	876.1	1220.0	1526.5	1827.8	2170.6	2464.4
37.5°	556.9	603.8	716.4	850.0	1208.8	1605.6	2092.9	2571.4	2987.9	3344.4	3642.0
35°	605.1	749.9	960.3	1447.2	1977.2	2627.8	3189.5	3639.4	4050.9	4381.2	4629.8
32.5°	747.1	1011.9	1567.8	2237.4	2966.4	3595.0	4142.1	4572.9	4948.3	5244.3	5474.7
30°	955.0	1563.7	2318.5	3120.5	3846.6	4446.8	4952.3	5362.9	5698.0	5999.2	6252.1
27.5°	1449.0	2232.2	3119.4	3937.4	4597.9	5159.8	5613.3	6020.1	6389.5	6706.7	7005.6
25°	1989.6	2959.1	3854.0	4598.5	5214.9	5742.1	6220.4	6665.3	7078.9	7450.1	7797.9
22.5°	2638.8	3605.7	4461.0	5150.1	5747.4	6289.0	6797.0	7292.1	7773.6	8226.6	8647.3
20°	3226.6	4175.6	4921.4	5609.6	6230.2	6794.5	7354.3	7931.4	8487.1	9032.7	9539.4
17.5°	3684.7	4567.5	5316.2	6013.8	6645.5	7284.6	7925.3	8588.1	9258.3	9892.0	10498.0
15°	4067.2	4894.5	5653.2	6350.7	7045.2	7750.3	8466.1	9247.0	10044.2	10802.6	11575.1
12.5°	4338.3	5167.3	5936.5	6636.3	7415.0	8180.4	9013.7	9903.7	10824.3	11707.8	12656.6
10°	4556.3	5384.9	6147.7	6902.3	7726.3	8575.0	9509.6	10489.9	11588.5	12634.6	13656.9
7.5°	4743.4	5566.5	6317.3	7119.1	7985.4	8918.2	9934.7	11042.9	12231.8	13395.8	14612.7
5°	4880.2	5690.3	6449.2	7296.9	8184.5	9169.0	10262.5	11446.7	12721.8	13997.2	15200.6
2.5°	4952.6	5760.8	6531.1	7407.3	8301.3	9320.9	10459.8	11715.0	13061.7	14453.3	15640.0
0°	4950.9	5790.4	6562.6	7481.6	8387.2	9366.9	10544.6	11886.8	13200.7	14646.6	15864.8
-2.5°	4952.6	5760.8	6531.1	7407.3	8301.3	9320.9	10459.8	11715.0	13061.7	14453.3	15640.0
-5°	4880.2	5690.3	6449.2	7296.9	8184.5	9169.0	10262.5	11446.7	12721.8	13997.2	15200.6
-7.5°	4743.4	5566.5	6317.3	7119.1	7985.4	8918.2	9934.7	11042.9	12231.8	13395.8	14612.7
-10°	4556.3	5384.9	6147.7	6902.3	7726.3	8575.0	9509.6	10489.9	11588.5	12634.6	13656.9
-12.5°	4338.3	5167.3	5936.5	6636.3	7415.0	8180.4	9013.7	9903.7	10824.3	11707.8	12656.6
-15°	4067.2	4894.5	5653.2	6350.7	7045.2	7750.3	8466.1	9247.0	10044.2	10802.6	11575.1
-17.5°	3684.7	4567.5	5316.2	6013.8	6645.5	7284.6	7925.3	8588.1	9258.3	9892.0	10498.0
-20°	3226.6	4175.6	4921.4	5609.6	6230.2	6794.5	7354.3	7931.4	8487.1	9032.7	9539.4



REPORT NUMBER: P558813 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2638.8	3605.7	4461.0	5150.1	5747.4	6289.0	6797.0	7292.1	7773.6	8226.6	8647.3
-25°	1989.6	2959.1	3854.0	4598.5	5214.9	5742.1	6220.4	6665.3	7078.9	7450.1	7797.9
-27.5°	1449.0	2232.2	3119.4	3937.4	4597.9	5159.8	5613.3	6020.1	6389.5	6706.7	7005.6
-30°	955.0	1563.7	2318.5	3120.5	3846.6	4446.8	4952.3	5362.9	5698.0	5999.2	6252.1
-32.5°	747.1	1011.9	1567.8	2237.4	2966.4	3595.0	4142.1	4572.9	4948.3	5244.3	5474.7
-35°	605.1	749.9	960.3	1447.2	1977.2	2627.8	3189.5	3639.4	4050.9	4381.2	4629.8
-37.5°	556.9	603.8	716.4	850.0	1208.8	1605.6	2092.9	2571.4	2987.9	3344.4	3642.0
-40°	520.6	551.6	590.1	649.2	761.1	876.1	1220.0	1526.5	1827.8	2170.6	2464.4
-42.5°	489.4	513.4	534.8	565.2	598.3	655.6	744.1	826.0	984.7	1188.9	1359.4
-45°	459.5	479.4	498.4	516.6	532.2	557.1	580.7	600.9	654.6	699.8	734.3
-47.5°	427.8	446.4	463.9	480.2	494.2	506.9	517.9	528.5	544.1	556.5	568.8
-50°	394.7	411.4	427.8	442.1	451.8	463.2	475.9	482.3	486.3	490.8	500.4
-52.5°	360.0	374.0	388.7	399.7	407.0	413.8	420.1	427.1	431.9	434.2	442.7
-55°	322.5	334.3	346.3	355.7	362.6	367.1	372.2	380.2	384.9	386.7	395.4
-57.5°	285.2	294.4	303.2	313.6	320.9	325.2	331.9	340.2	346.6	351.6	359.1
-60°	249.2	257.6	266.2	275.2	282.8	289.2	296.1	303.0	309.3	315.1	320.7
-62.5°	214.1	224.2	229.6	236.0	244.4	252.1	255.0	259.0	263.7	269.5	276.1
-65°	173.1	181.4	188.9	192.8	193.4	197.5	204.4	208.7	210.9	212.7	214.9
-67.5°	143.6	147.0	152.2	156.2	160.3	163.2	166.2	168.6	170.4	172.4	174.6
-70°	120.0	124.0	128.2	132.4	136.3	139.0	140.8	142.2	143.2	142.5	141.9
-72.5°	100.1	105.1	108.7	112.1	115.3	117.3	118.5	119.4	120.0	112.6	102.0
-75°	82.1	87.1	90.1	92.9	95.4	96.9	97.7	98.2	98.4	89.8	78.8
-77.5°	66.2	69.6	71.3	73.0	74.8	75.4	75.8	76.3	76.8	69.7	60.6
-80°	45.8	48.0	49.3	50.4	51.5	51.5	50.8	49.6	47.9	43.8	39.3
-82.5°	27.2	27.5	27.5	27.5	27.3	28.5	29.6	30.6	31.5	29.1	26.3
-85°	12.1	11.8	11.1	10.3	9.3	9.8	10.4	10.9	11.5	10.7	9.9
-87.5°	2.2	2.3	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.3	2.0
-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: P558813 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-927-U-MWR-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°	1.6	1.3	1.3	1.3	1.3	1.3	1.6	2.0	2.3	2.6	2.6
85°	9.0	8.1	8.1	8.1	8.1	8.1	9.0	9.9	10.7	11.5	10.9
82.5°	23.3	20.1	20.2	20.2	20.2	20.1	23.3	26.3	29.1	31.5	30.6
80°	34.5	29.6	30.3	31.0	30.3	29.6	34.5	39.3	43.8	47.9	49.6
77.5°	50.9	40.7	40.4	40.4	40.4	40.7	50.9	60.6	69.7	76.8	76.3
75°	67.4	55.7	55.1	55.2	55.1	55.7	67.4	78.8	89.8	98.4	98.2
72.5°	91.1	79.9	74.9	70.1	74.9	79.9	91.1	102.0	112.6	120.0	119.4
70°	142.0	142.4	137.4	130.7	137.4	142.4	142.0	141.9	142.5	143.2	142.2
67.5°	176.5	177.9	180.1	181.9	180.1	177.9	176.5	174.6	172.4	170.4	168.6
65°	215.9	215.9	216.6	217.0	216.6	215.9	215.9	214.9	212.7	210.9	208.7
62.5°	281.7	286.3	289.5	291.1	289.5	286.3	281.7	276.1	269.5	263.7	259.0
60°	325.4	329.1	334.4	339.6	334.4	329.1	325.4	320.7	315.1	309.3	303.0
57.5°	366.1	372.4	377.6	381.4	377.6	372.4	366.1	359.1	351.6	346.6	340.2
55°	403.7	411.0	418.1	424.5	418.1	411.0	403.7	395.4	386.7	384.9	380.2
52.5°	451.0	457.1	467.0	479.7	467.0	457.1	451.0	442.7	434.2	431.9	427.1
50°	511.4	520.5	533.2	548.5	533.2	520.5	511.4	500.4	490.8	486.3	482.3
47.5°	581.2	590.4	602.5	618.5	602.5	590.4	581.2	568.8	556.5	544.1	528.5
45°	765.8	787.4	807.1	828.7	807.1	787.4	765.8	734.3	699.8	654.6	600.9
42.5°	1496.1	1590.6	1631.5	1607.6	1631.5	1590.6	1496.1	1359.4	1188.9	984.7	826.0
40°	2688.3	2845.4	2937.8	2970.0	2937.8	2845.4	2688.3	2464.4	2170.6	1827.8	1526.5
37.5°	3859.3	4003.9	4082.0	4091.2	4082.0	4003.9	3859.3	3642.0	3344.4	2987.9	2571.4
35°	4809.3	4928.4	4999.0	5052.0	4999.0	4928.4	4809.3	4629.8	4381.2	4050.9	3639.4
32.5°	5662.4	5798.2	5876.6	5859.2	5876.6	5798.2	5662.4	5474.7	5244.3	4948.3	4572.9
30°	6459.3	6607.8	6700.0	6702.7	6700.0	6607.8	6459.3	6252.1	5999.2	5698.0	5362.9
27.5°	7247.2	7413.9	7510.1	7585.4	7510.1	7413.9	7247.2	7005.6	6706.7	6389.5	6020.1
25°	8087.8	8295.6	8419.0	8493.6	8419.0	8295.6	8087.8	7797.9	7450.1	7078.9	6665.3
22.5°	8994.2	9251.5	9420.6	9490.8	9420.6	9251.5	8994.2	8647.3	8226.6	7773.6	7292.1
20°	9980.0	10298.9	10514.7	10508.2	10514.7	10298.9	9980.0	9539.4	9032.7	8487.1	7931.4
17.5°	11079.9	11491.3	11769.7	11810.0	11769.7	11491.3	11079.9	10498.0	9892.0	9258.3	8588.1
15°	12259.2	12789.6	13149.7	13261.3	13149.7	12789.6	12259.2	11575.1	10802.6	10044.2	9247.0
12.5°	13467.7	14098.6	14578.6	14738.2	14578.6	14098.6	13467.7	12656.6	11707.8	10824.3	9903.7
10°	14619.2	15317.9	15839.0	16069.6	15839.0	15317.9	14619.2	13656.9	12634.6	11588.5	10489.9
7.5°	15581.8	16291.7	16828.4	17018.3	16828.4	16291.7	15581.8	14612.7	13395.8	12231.8	11042.9
5°	16215.9	16991.6	17408.9	17643.5	17408.9	16991.6	16215.9	15200.6	13997.2	12721.8	11446.7
2.5°	16639.6	17297.3	17719.9	17936.0	17719.9	17297.3	16639.6	15640.0	14453.3	13061.7	11715.0
0°	16864.7	17534.4	17844.3	17949.4	17844.3	17534.4	16864.7	15864.8	14646.6	13200.7	11886.8
-2.5°	16639.6	17297.3	17719.9	17936.0	17719.9	17297.3	16639.6	15640.0	14453.3	13061.7	11715.0
-5°	16215.9	16991.6	17408.9	17643.5	17408.9	16991.6	16215.9	15200.6	13997.2	12721.8	11446.7
-7.5°	15581.8	16291.7	16828.4	17018.3	16828.4	16291.7	15581.8	14612.7	13395.8	12231.8	11042.9
-10°	14619.2	15317.9	15839.0	16069.6	15839.0	15317.9	14619.2	13656.9	12634.6	11588.5	10489.9
-12.5°	13467.7	14098.6	14578.6	14738.2	14578.6	14098.6	13467.7	12656.6	11707.8	10824.3	9903.7
-15°	12259.2	12789.6	13149.7	13261.3	13149.7	12789.6	12259.2	11575.1	10802.6	10044.2	9247.0
-17.5°	11079.9	11491.3	11769.7	11810.0	11769.7	11491.3	11079.9	10498.0	9892.0	9258.3	8588.1
-20°	9980.0	10298.9	10514.7	10508.2	10514.7	10298.9	9980.0	9539.4	9032.7	8487.1	7931.4



REPORT NUMBER: P558813 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	8994.2	9251.5	9420.6	9490.8	9420.6	9251.5	8994.2	8647.3	8226.6	7773.6	7292.1
-25°	8087.8	8295.6	8419.0	8493.6	8419.0	8295.6	8087.8	7797.9	7450.1	7078.9	6665.3
-27.5°	7247.2	7413.9	7510.1	7585.4	7510.1	7413.9	7247.2	7005.6	6706.7	6389.5	6020.1
-30°	6459.3	6607.8	6700.0	6702.7	6700.0	6607.8	6459.3	6252.1	5999.2	5698.0	5362.9
-32.5°	5662.4	5798.2	5876.6	5859.2	5876.6	5798.2	5662.4	5474.7	5244.3	4948.3	4572.9
-35°	4809.3	4928.4	4999.0	5052.0	4999.0	4928.4	4809.3	4629.8	4381.2	4050.9	3639.4
-37.5°	3859.3	4003.9	4082.0	4091.2	4082.0	4003.9	3859.3	3642.0	3344.4	2987.9	2571.4
-40°	2688.3	2845.4	2937.8	2970.0	2937.8	2845.4	2688.3	2464.4	2170.6	1827.8	1526.5
-42.5°	1496.1	1590.6	1631.5	1607.6	1631.5	1590.6	1496.1	1359.4	1188.9	984.7	826.0
-45°	765.8	787.4	807.1	828.7	807.1	787.4	765.8	734.3	699.8	654.6	600.9
-47.5°	581.2	590.4	602.5	618.5	602.5	590.4	581.2	568.8	556.5	544.1	528.5
-50°	511.4	520.5	533.2	548.5	533.2	520.5	511.4	500.4	490.8	486.3	482.3
-52.5°	451.0	457.1	467.0	479.7	467.0	457.1	451.0	442.7	434.2	431.9	427.1
-55°	403.7	411.0	418.1	424.5	418.1	411.0	403.7	395.4	386.7	384.9	380.2
-57.5°	366.1	372.4	377.6	381.4	377.6	372.4	366.1	359.1	351.6	346.6	340.2
-60°	325.4	329.1	334.4	339.6	334.4	329.1	325.4	320.7	315.1	309.3	303.0
-62.5°	281.7	286.3	289.5	291.1	289.5	286.3	281.7	276.1	269.5	263.7	259.0
-65°	215.9	215.9	216.6	217.0	216.6	215.9	215.9	214.9	212.7	210.9	208.7
-67.5°	176.5	177.9	180.1	181.9	180.1	177.9	176.5	174.6	172.4	170.4	168.6
-70°	142.0	142.4	137.4	130.7	137.4	142.4	142.0	141.9	142.5	143.2	142.2
-72.5°	91.1	79.9	74.9	70.1	74.9	79.9	91.1	102.0	112.6	120.0	119.4
-75°	67.4	55.7	55.1	55.2	55.1	55.7	67.4	78.8	89.8	98.4	98.2
-77.5°	50.9	40.7	40.4	40.4	40.4	40.7	50.9	60.6	69.7	76.8	76.3
-80°	34.5	29.6	30.3	31.0	30.3	29.6	34.5	39.3	43.8	47.9	49.6
-82.5°	23.3	20.1	20.2	20.2	20.2	20.1	23.3	26.3	29.1	31.5	30.6
-85°	9.0	8.1	8.1	8.1	8.1	8.1	9.0	9.9	10.7	11.5	10.9
-87.5°	1.6	1.3	1.3	1.3	1.3	1.3	1.6	2.0	2.3	2.6	2.6
-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: P558813 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-927-U-MWR-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°	2.5	2.5	2.4	2.4	2.3	2.3	2.2	2.1	2.1	2.0	1.9
85°	10.4	9.8	9.3	10.3	11.1	11.8	12.1	10.8	9.5	8.3	7.2
82.5°	29.6	28.5	27.3	27.5	27.5	27.5	27.2	23.9	20.7	17.8	15.5
80°	50.8	51.5	51.5	50.4	49.3	48.0	45.8	39.8	34.4	29.6	26.3
77.5°	75.8	75.4	74.8	73.0	71.3	69.6	66.2	57.3	48.7	41.0	36.8
75°	97.7	96.9	95.4	92.9	90.1	87.1	82.1	73.3	64.1	54.5	49.4
72.5°	118.5	117.3	115.3	112.1	108.7	105.1	100.1	92.4	83.0	71.6	66.0
70°	140.8	139.0	136.3	132.4	128.2	124.0	120.0	114.5	106.8	97.0	91.4
67.5°	166.2	163.2	160.3	156.2	152.2	147.0	143.6	138.9	133.0	124.7	118.5
65°	204.4	197.5	193.4	192.8	188.9	181.4	173.1	167.7	162.0	154.2	145.6
62.5°	255.0	252.1	244.4	236.0	229.6	224.2	214.1	202.9	193.2	184.4	174.1
60°	296.1	289.2	282.8	275.2	266.2	257.6	249.2	238.3	224.7	213.7	202.4
57.5°	331.9	325.2	320.9	313.6	303.2	294.4	285.2	274.1	260.8	244.8	230.7
55°	372.2	367.1	362.6	355.7	346.3	334.3	322.5	310.7	295.7	276.5	259.1
52.5°	420.1	413.8	407.0	399.7	388.7	374.0	360.0	346.0	328.6	307.8	286.6
50°	475.9	463.2	451.8	442.1	427.8	411.4	394.7	378.9	358.4	337.0	314.9
47.5°	517.9	506.9	494.2	480.2	463.9	446.4	427.8	407.9	386.4	364.1	340.9
45°	580.7	557.1	532.2	516.6	498.4	479.4	459.5	436.9	413.4	389.7	365.3
42.5°	744.1	655.6	598.3	565.2	534.8	513.4	489.4	464.9	439.9	414.5	388.8
40°	1220.0	876.1	761.1	649.2	590.1	551.6	520.6	491.9	465.4	438.5	411.4
37.5°	2092.9	1605.6	1208.8	850.0	716.4	603.8	556.9	520.0	489.8	461.7	433.1
35°	3189.5	2627.8	1977.2	1447.2	960.3	749.9	605.1	553.2	514.7	484.3	454.0
32.5°	4142.1	3595.0	2966.4	2237.4	1567.8	1011.9	747.1	597.4	542.1	506.5	474.4
30°	4952.3	4446.8	3846.6	3120.5	2318.5	1563.7	955.0	710.8	583.0	527.7	493.9
27.5°	5613.3	5159.8	4597.9	3937.4	3119.4	2232.2	1449.0	851.9	644.5	559.5	512.4
25°	6220.4	5742.1	5214.9	4598.5	3854.0	2959.1	1989.6	1223.4	765.2	593.5	529.5
22.5°	6797.0	6289.0	5747.4	5150.1	4461.0	3605.7	2638.8	1636.8	887.1	655.0	556.2
20°	7354.3	6794.5	6230.2	5609.6	4921.4	4175.6	3226.6	2132.2	1235.1	748.4	581.5
17.5°	7925.3	7284.6	6645.5	6013.8	5316.2	4567.5	3684.7	2630.4	1537.5	832.5	603.4
15°	8466.1	7750.3	7045.2	6350.7	5653.2	4894.5	4067.2	3074.1	1837.8	1002.6	665.6
12.5°	9013.7	8180.4	7415.0	6636.3	5936.5	5167.3	4338.3	3376.9	2190.0	1211.0	727.4
10°	9509.6	8575.0	7726.3	6902.3	6147.7	5384.9	4556.3	3620.3	2479.7	1382.3	778.1
7.5°	9934.7	8918.2	7985.4	7119.1	6317.3	5566.5	4743.4	3814.5	2697.9	1514.6	817.7
5°	10262.5	9169.0	8184.5	7296.9	6449.2	5690.3	4880.2	3955.9	2844.9	1607.5	846.1
2.5°	10459.8	9320.9	8301.3	7407.3	6531.1	5760.8	4952.6	4046.4	2938.5	1667.5	867.2
0°	10544.6	9366.9	8387.2	7481.6	6562.6	5790.4	4950.9	4080.4	2972.7	1689.8	877.3
-2.5°	10459.8	9320.9	8301.3	7407.3	6531.1	5760.8	4952.6	4046.4	2938.5	1667.5	867.2
-5°	10262.5	9169.0	8184.5	7296.9	6449.2	5690.3	4880.2	3955.9	2844.9	1607.5	846.1
-7.5°	9934.7	8918.2	7985.4	7119.1	6317.3	5566.5	4743.4	3814.5	2697.9	1514.6	817.7
-10°	9509.6	8575.0	7726.3	6902.3	6147.7	5384.9	4556.3	3620.3	2479.7	1382.3	778.1
-12.5°	9013.7	8180.4	7415.0	6636.3	5936.5	5167.3	4338.3	3376.9	2190.0	1211.0	727.4
-15°	8466.1	7750.3	7045.2	6350.7	5653.2	4894.5	4067.2	3074.1	1837.8	1002.6	665.6
-17.5°	7925.3	7284.6	6645.5	6013.8	5316.2	4567.5	3684.7	2630.4	1537.5	832.5	603.4
-20°	7354.3	6794.5	6230.2	5609.6	4921.4	4175.6	3226.6	2132.2	1235.1	748.4	581.5



REPORT NUMBER: P558813 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-927-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6797.0	6289.0	5747.4	5150.1	4461.0	3605.7	2638.8	1636.8	887.1	655.0	556.2
-25°	6220.4	5742.1	5214.9	4598.5	3854.0	2959.1	1989.6	1223.4	765.2	593.5	529.5
-27.5°	5613.3	5159.8	4597.9	3937.4	3119.4	2232.2	1449.0	851.9	644.5	559.5	512.4
-30°	4952.3	4446.8	3846.6	3120.5	2318.5	1563.7	955.0	710.8	583.0	527.7	493.9
-32.5°	4142.1	3595.0	2966.4	2237.4	1567.8	1011.9	747.1	597.4	542.1	506.5	474.4
-35°	3189.5	2627.8	1977.2	1447.2	960.3	749.9	605.1	553.2	514.7	484.3	454.0
-37.5°	2092.9	1605.6	1208.8	850.0	716.4	603.8	556.9	520.0	489.8	461.7	433.1
-40°	1220.0	876.1	761.1	649.2	590.1	551.6	520.6	491.9	465.4	438.5	411.4
-42.5°	744.1	655.6	598.3	565.2	534.8	513.4	489.4	464.9	439.9	414.5	388.8
-45°	580.7	557.1	532.2	516.6	498.4	479.4	459.5	436.9	413.4	389.7	365.3
-47.5°	517.9	506.9	494.2	480.2	463.9	446.4	427.8	407.9	386.4	364.1	340.9
-50°	475.9	463.2	451.8	442.1	427.8	411.4	394.7	378.9	358.4	337.0	314.9
-52.5°	420.1	413.8	407.0	399.7	388.7	374.0	360.0	346.0	328.6	307.8	286.6
-55°	372.2	367.1	362.6	355.7	346.3	334.3	322.5	310.7	295.7	276.5	259.1
-57.5°	331.9	325.2	320.9	313.6	303.2	294.4	285.2	274.1	260.8	244.8	230.7
-60°	296.1	289.2	282.8	275.2	266.2	257.6	249.2	238.3	224.7	213.7	202.4
-62.5°	255.0	252.1	244.4	236.0	229.6	224.2	214.1	202.9	193.2	184.4	174.1
-65°	204.4	197.5	193.4	192.8	188.9	181.4	173.1	167.7	162.0	154.2	145.6
-67.5°	166.2	163.2	160.3	156.2	152.2	147.0	143.6	138.9	133.0	124.7	118.5
-70°	140.8	139.0	136.3	132.4	128.2	124.0	120.0	114.5	106.8	97.0	91.4
-72.5°	118.5	117.3	115.3	112.1	108.7	105.1	100.1	92.4	83.0	71.6	66.0
-75°	97.7	96.9	95.4	92.9	90.1	87.1	82.1	73.3	64.1	54.5	49.4
-77.5°	75.8	75.4	74.8	73.0	71.3	69.6	66.2	57.3	48.7	41.0	36.8
-80°	50.8	51.5	51.5	50.4	49.3	48.0	45.8	39.8	34.4	29.6	26.3
-82.5°	29.6	28.5	27.3	27.5	27.5	27.5	27.2	23.9	20.7	17.8	15.5
-85°	10.4	9.8	9.3	10.3	11.1	11.8	12.1	10.8	9.5	8.3	7.2
-87.5°	2.5	2.5	2.4	2.4	2.3	2.3	2.2	2.1	2.1	2.0	1.9
-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: P558813 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-927-U-MWR-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°	2.3	2.6	2.9	3.1	3.3	3.4	3.4	3.4	3.2	3.0	2.7
85°	7.7	7.9	8.0	7.8	7.3	6.8	6.9	6.8	6.4	6.0	5.5
82.5°	16.1	16.7	17.1	17.1	16.0	14.9	13.7	12.4	11.1	9.2	8.2
80°	27.8	28.7	29.0	28.3	25.6	22.9	21.1	19.4	17.9	15.9	13.3
77.5°	39.6	41.4	42.2	41.2	37.5	33.8	30.2	26.9	24.9	22.7	19.7
75°	51.8	54.5	56.1	55.1	50.5	44.7	40.0	36.2	33.3	29.6	26.1
72.5°	67.2	68.5	70.0	69.7	65.6	59.9	52.3	45.5	42.4	38.2	33.0
70°	87.8	84.0	83.0	82.5	80.0	75.5	67.9	59.0	51.6	46.8	41.0
67.5°	113.0	107.7	102.3	96.5	93.5	89.5	83.4	73.0	63.2	55.5	49.0
65°	138.0	130.9	124.2	115.8	108.8	103.4	97.3	86.1	74.3	64.6	57.0
62.5°	163.4	153.1	144.1	134.3	125.0	117.5	110.9	98.2	85.1	73.3	64.2
60°	190.1	177.6	164.0	152.2	141.0	131.0	122.1	110.2	96.0	81.6	70.9
57.5°	217.2	202.5	185.9	170.4	157.1	144.8	132.8	120.7	106.7	90.8	76.7
55°	243.9	227.8	207.8	189.3	173.2	159.1	144.0	130.3	116.8	100.2	81.0
52.5°	267.7	250.9	231.0	208.7	189.3	172.8	156.1	139.7	125.3	109.4	86.8
50°	292.0	271.2	252.2	230.1	205.5	186.2	167.8	150.2	133.7	117.9	92.3
47.5°	317.3	293.0	270.8	250.0	224.9	199.3	179.6	160.4	141.8	125.1	97.1
45°	340.6	315.4	289.9	266.8	243.0	214.5	191.2	170.3	150.6	128.8	101.2
42.5°	362.7	336.3	309.6	283.1	258.2	229.5	202.4	180.3	159.1	131.7	104.0
40°	383.8	356.1	328.2	300.6	273.3	243.2	214.6	190.0	166.6	134.2	105.9
37.5°	404.0	374.9	345.7	317.2	288.7	257.4	225.8	199.3	170.2	137.0	107.3
35°	423.4	392.7	363.0	333.2	303.3	271.7	235.9	208.2	175.7	139.3	108.0
32.5°	441.9	410.0	379.5	348.6	317.1	286.1	247.2	216.4	182.3	141.2	108.2
30°	460.0	427.0	395.0	363.3	330.2	298.1	260.0	224.4	190.0	142.6	108.2
27.5°	477.3	442.6	409.4	376.8	342.9	309.2	272.4	232.2	198.7	145.4	108.9
25°	493.1	457.3	422.8	389.2	354.8	319.9	283.9	240.0	205.9	151.3	109.2
22.5°	507.7	470.6	435.0	400.5	366.5	330.1	293.6	249.4	211.9	157.4	109.1
20°	521.0	482.4	446.3	412.4	377.0	339.9	301.9	258.0	217.5	163.6	108.5
17.5°	534.4	494.7	459.3	423.7	386.8	348.7	309.5	265.7	222.6	169.7	107.5
15°	555.4	508.1	471.2	434.4	395.8	356.7	316.6	272.5	227.3	175.6	107.2
12.5°	574.4	520.0	481.9	444.2	404.1	363.6	322.9	278.3	231.5	179.6	107.6
10°	590.4	530.4	491.3	453.1	411.5	369.6	328.5	283.2	235.0	181.3	107.4
7.5°	603.4	539.4	499.5	461.1	418.3	375.4	333.6	287.4	238.4	181.5	106.5
5°	614.6	549.2	509.6	469.8	426.4	381.0	338.0	290.5	241.4	180.2	105.1
2.5°	627.4	561.0	520.9	477.5	433.5	385.8	341.3	292.7	243.9	177.6	103.3
0°	637.4	571.4	530.9	483.8	439.3	389.4	343.6	293.8	245.3	173.8	101.1
-2.5°	627.4	561.0	520.9	477.5	433.5	385.8	341.3	292.7	243.9	177.6	103.3
-5°	614.6	549.2	509.6	469.8	426.4	381.0	338.0	290.5	241.4	180.2	105.1
-7.5°	603.4	539.4	499.5	461.1	418.3	375.4	333.6	287.4	238.4	181.5	106.5
-10°	590.4	530.4	491.3	453.1	411.5	369.6	328.5	283.2	235.0	181.3	107.4
-12.5°	574.4	520.0	481.9	444.2	404.1	363.6	322.9	278.3	231.5	179.6	107.6
-15°	555.4	508.1	471.2	434.4	395.8	356.7	316.6	272.5	227.3	175.6	107.2
-17.5°	534.4	494.7	459.3	423.7	386.8	348.7	309.5	265.7	222.6	169.7	107.5
-20°	521.0	482.4	446.3	412.4	377.0	339.9	301.9	258.0	217.5	163.6	108.5



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	507.7	470.6	435.0	400.5	366.5	330.1	293.6	249.4	211.9	157.4	109.1
-25°	493.1	457.3	422.8	389.2	354.8	319.9	283.9	240.0	205.9	151.3	109.2
-27.5°	477.3	442.6	409.4	376.8	342.9	309.2	272.4	232.2	198.7	145.4	108.9
-30°	460.0	427.0	395.0	363.3	330.2	298.1	260.0	224.4	190.0	142.6	108.2
-32.5°	441.9	410.0	379.5	348.6	317.1	286.1	247.2	216.4	182.3	141.2	108.2
-35°	423.4	392.7	363.0	333.2	303.3	271.7	235.9	208.2	175.7	139.3	108.0
-37.5°	404.0	374.9	345.7	317.2	288.7	257.4	225.8	199.3	170.2	137.0	107.3
-40°	383.8	356.1	328.2	300.6	273.3	243.2	214.6	190.0	166.6	134.2	105.9
-42.5°	362.7	336.3	309.6	283.1	258.2	229.5	202.4	180.3	159.1	131.7	104.0
-45°	340.6	315.4	289.9	266.8	243.0	214.5	191.2	170.3	150.6	128.8	101.2
-47.5°	317.3	293.0	270.8	250.0	224.9	199.3	179.6	160.4	141.8	125.1	97.1
-50°	292.0	271.2	252.2	230.1	205.5	186.2	167.8	150.2	133.7	117.9	92.3
-52.5°	267.7	250.9	231.0	208.7	189.3	172.8	156.1	139.7	125.3	109.4	86.8
-55°	243.9	227.8	207.8	189.3	173.2	159.1	144.0	130.3	116.8	100.2	81.0
-57.5°	217.2	202.5	185.9	170.4	157.1	144.8	132.8	120.7	106.7	90.8	76.7
-60°	190.1	177.6	164.0	152.2	141.0	131.0	122.1	110.2	96.0	81.6	70.9
-62.5°	163.4	153.1	144.1	134.3	125.0	117.5	110.9	98.2	85.1	73.3	64.2
-65°	138.0	130.9	124.2	115.8	108.8	103.4	97.3	86.1	74.3	64.6	57.0
-67.5°	113.0	107.7	102.3	96.5	93.5	89.5	83.4	73.0	63.2	55.5	49.0
-70°	87.8	84.0	83.0	82.5	80.0	75.5	67.9	59.0	51.6	46.8	41.0
-72.5°	67.2	68.5	70.0	69.7	65.6	59.9	52.3	45.5	42.4	38.2	33.0
-75°	51.8	54.5	56.1	55.1	50.5	44.7	40.0	36.2	33.3	29.6	26.1
-77.5°	39.6	41.4	42.2	41.2	37.5	33.8	30.2	26.9	24.9	22.7	19.7
-80°	27.8	28.7	29.0	28.3	25.6	22.9	21.1	19.4	17.9	15.9	13.3
-82.5°	16.1	16.7	17.1	17.1	16.0	14.9	13.7	12.4	11.1	9.2	8.2
-85°	7.7	7.9	8.0	7.8	7.3	6.8	6.9	6.8	6.4	6.0	5.5
-87.5°	2.3	2.6	2.9	3.1	3.3	3.4	3.4	3.4	3.2	3.0	2.7
-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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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.4	1.9	1.4	1.0	0.6	0.3	0.0
85°	4.9	3.8	2.8	1.9	1.2	0.6	0.0
82.5°	7.3	5.6	4.2	2.9	1.7	0.9	0.0
80°	10.0	7.5	5.5	3.8	2.3	1.2	0.0
77.5°	15.8	10.2	6.9	4.7	2.9	1.4	0.0
75°	21.4	14.6	8.5	5.7	3.5	1.7	0.0
72.5°	26.9	18.8	11.7	6.6	4.0	2.0	0.0
70°	32.3	23.0	14.8	7.7	4.6	2.3	0.0
67.5°	38.7	27.0	17.8	9.8	5.1	2.6	0.0
65°	44.9	31.3	20.7	11.8	5.7	2.8	0.0
62.5°	50.7	35.9	23.5	13.8	6.2	3.1	0.0
60°	56.3	40.3	26.2	15.7	6.7	3.3	0.0
57.5°	60.1	44.4	29.3	17.5	7.9	3.6	0.0
55°	63.3	48.2	32.2	19.2	9.0	3.8	0.0
52.5°	66.0	51.6	35.0	20.8	10.2	4.1	0.0
50°	68.3	53.2	37.5	22.4	11.2	4.3	0.0
47.5°	70.4	54.5	39.9	23.9	12.3	4.5	0.0
45°	73.8	55.5	42.0	25.5	13.2	4.7	0.0
42.5°	76.7	56.2	44.0	26.9	14.2	4.9	0.0
40°	79.0	56.5	45.0	28.5	15.1	5.1	0.0
37.5°	80.9	56.5	45.2	30.1	15.9	5.3	0.0
35°	82.2	57.2	45.1	31.7	16.7	5.5	0.0
32.5°	82.8	58.1	44.8	33.2	17.4	5.7	0.0
30°	82.7	58.6	44.4	34.6	18.1	5.8	0.0
27.5°	82.2	58.8	44.9	36.0	18.7	5.9	0.0
25°	81.3	58.6	45.4	37.4	19.2	6.1	0.0
22.5°	80.0	58.7	45.8	38.6	19.7	6.2	0.0
20°	78.4	60.2	46.2	39.8	20.2	6.3	0.0
17.5°	78.5	61.6	46.5	40.9	20.6	6.4	0.0
15°	79.6	62.7	46.7	42.0	20.9	6.5	0.0
12.5°	80.6	63.7	46.9	42.9	21.2	6.5	0.0
10°	81.3	64.5	47.0	43.7	21.4	6.6	0.0
7.5°	81.8	65.2	47.1	44.4	21.5	6.6	0.0
5°	82.2	65.6	47.2	45.0	21.6	6.7	0.0
2.5°	82.3	65.9	47.2	45.5	21.6	6.7	0.0
0°	82.2	66.0	47.2	45.8	21.6	6.7	0.0
-2.5°	82.3	65.9	47.2	45.5	21.6	6.7	0.0
-5°	82.2	65.6	47.2	45.0	21.6	6.7	0.0
-7.5°	81.8	65.2	47.1	44.4	21.5	6.6	0.0
-10°	81.3	64.5	47.0	43.7	21.4	6.6	0.0
-12.5°	80.6	63.7	46.9	42.9	21.2	6.5	0.0
-15°	79.6	62.7	46.7	42.0	20.9	6.5	0.0
-17.5°	78.5	61.6	46.5	40.9	20.6	6.4	0.0
-20°	78.4	60.2	46.2	39.8	20.2	6.3	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	80.0	58.7	45.8	38.6	19.7	6.2	0.0
-25°	81.3	58.6	45.4	37.4	19.2	6.1	0.0
-27.5°	82.2	58.8	44.9	36.0	18.7	5.9	0.0
-30°	82.7	58.6	44.4	34.6	18.1	5.8	0.0
-32.5°	82.8	58.1	44.8	33.2	17.4	5.7	0.0
-35°	82.2	57.2	45.1	31.7	16.7	5.5	0.0
-37.5°	80.9	56.5	45.2	30.1	15.9	5.3	0.0
-40°	79.0	56.5	45.0	28.5	15.1	5.1	0.0
-42.5°	76.7	56.2	44.0	26.9	14.2	4.9	0.0
-45°	73.8	55.5	42.0	25.5	13.2	4.7	0.0
-47.5°	70.4	54.5	39.9	23.9	12.3	4.5	0.0
-50°	68.3	53.2	37.5	22.4	11.2	4.3	0.0
-52.5°	66.0	51.6	35.0	20.8	10.2	4.1	0.0
-55°	63.3	48.2	32.2	19.2	9.0	3.8	0.0
-57.5°	60.1	44.4	29.3	17.5	7.9	3.6	0.0
-60°	56.3	40.3	26.2	15.7	6.7	3.3	0.0
-62.5°	50.7	35.9	23.5	13.8	6.2	3.1	0.0
-65°	44.9	31.3	20.7	11.8	5.7	2.8	0.0
-67.5°	38.7	27.0	17.8	9.8	5.1	2.6	0.0
-70°	32.3	23.0	14.8	7.7	4.6	2.3	0.0
-72.5°	26.9	18.8	11.7	6.6	4.0	2.0	0.0
-75°	21.4	14.6	8.5	5.7	3.5	1.7	0.0
-77.5°	15.8	10.2	6.9	4.7	2.9	1.4	0.0
-80°	10.0	7.5	5.5	3.8	2.3	1.2	0.0
-82.5°	7.3	5.6	4.2	2.9	1.7	0.9	0.0
-85°	4.9	3.8	2.8	1.9	1.2	0.6	0.0
-87.5°	2.4	1.9	1.4	1.0	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)