

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: P558821 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558821 (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-930-U-MWR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5  
Light Source: (48) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

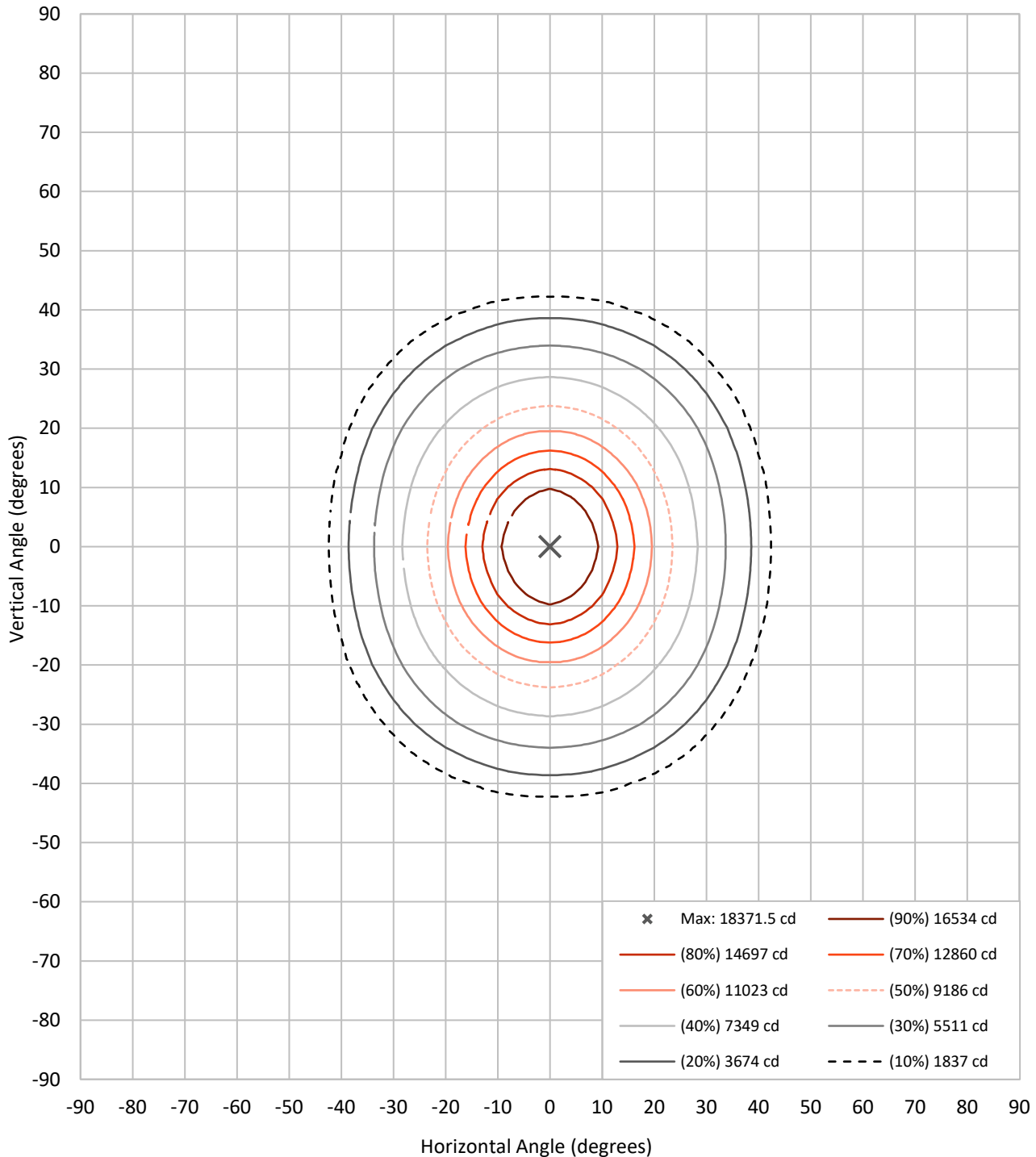
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	14301.2 lumens	Max Intensity:	18371.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	90.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	6748.2 lumens	Field Lumens:	12985.4 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





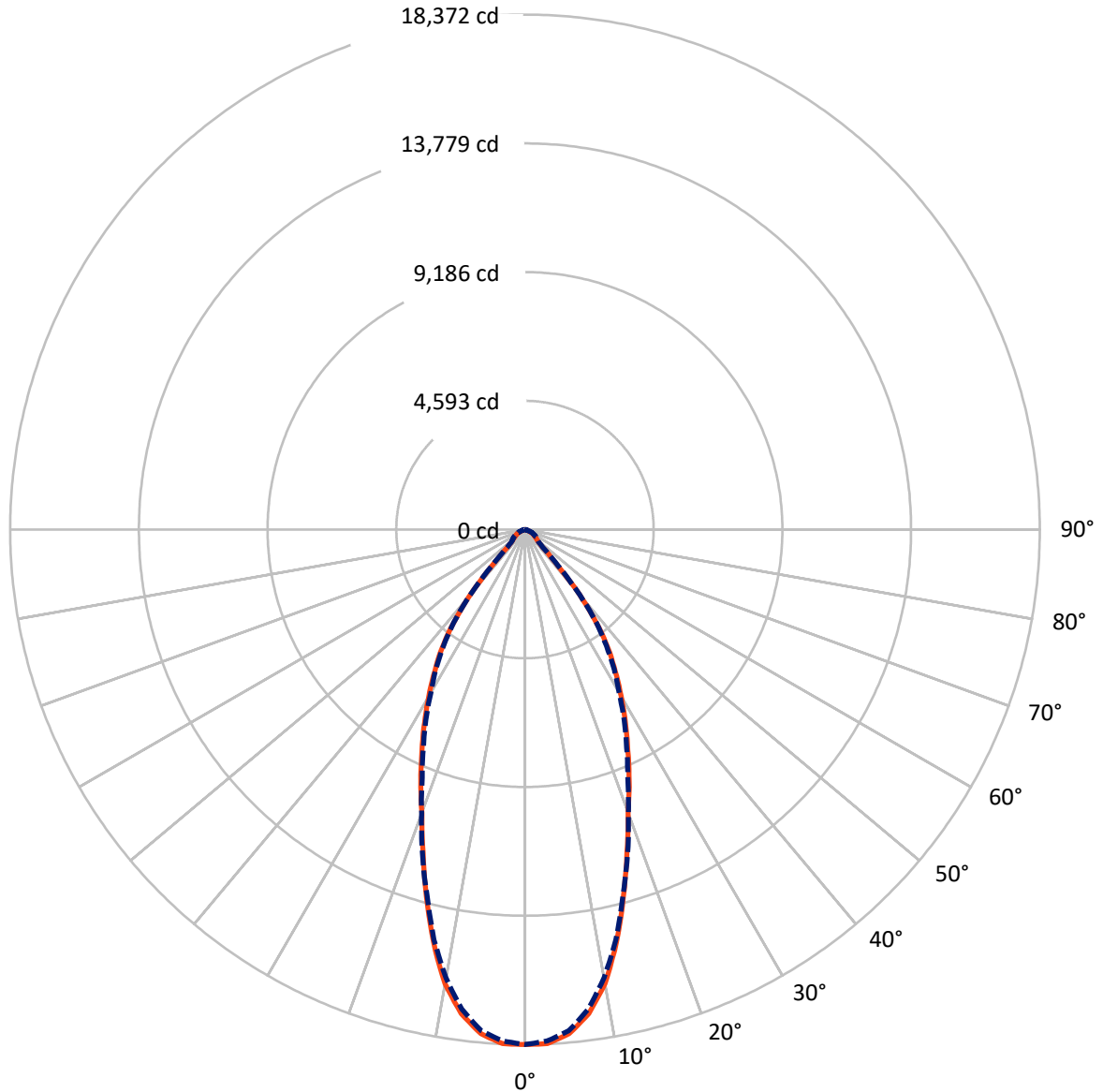
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### Lumen Table

90																			
80	0.2	1.8		3.9		6.5		5.0		6.5		3.9		1.8		0.2			
70																			
60	1.0	1.1	2.1	3.2	4.6	5.7	6.6	7.1	7.1	6.6	5.7	4.6	3.2	2.1	1.1	1.0			
50		1.7	3.4	5.7	8.2	10.3	11.7	12.9	12.9	11.7	10.3	8.2	5.7	3.4	1.7				
40	1.5	2.3	4.8	8.0	11.7	16.0	25.4	35.6	35.6	25.4	16.0	11.7	8.0	4.8	2.3	1.5			
30		2.8	6.0	10.0	18.8	60.3	117.3	149.5	149.5	117.3	60.3	18.8	10.0	6.0	2.8				
20	1.7	3.2	7.0	12.6	55.1	144.0	212.5	257.3	257.3	212.5	144.0	55.1	12.6	7.0	3.2	1.7			
10		3.6	7.8	19.3	100.2	198.7	301.9	393.0	393.0	301.9	198.7	100.2	19.3	7.8	3.6				
0	1.7	3.9	8.4	26.6	122.1	231.9	379.8	513.7	513.7	379.8	231.9	122.1	26.6	8.4	3.9	1.7			
-10		3.9	8.4	26.6	122.1	231.9	379.8	513.7	513.7	379.8	231.9	122.1	26.6	8.4	3.9				
-20	1.7	3.6	7.8	19.3	100.2	198.7	301.9	393.0	393.0	301.9	198.7	100.2	19.3	7.8	3.6	1.7			
-30		3.2	7.0	12.6	55.1	144.0	212.5	257.3	257.3	212.5	144.0	55.1	12.6	7.0	3.2				
-40	1.5	2.8	6.0	10.0	18.8	60.3	117.3	149.5	149.5	117.3	60.3	18.8	10.0	6.0	2.8	1.5			
-50		2.3	4.8	8.0	11.7	16.0	25.4	35.6	35.6	25.4	16.0	11.7	8.0	4.8	2.3				
-60	1.0	1.7	3.4	5.7	8.2	10.3	11.7	12.9	12.9	11.7	10.3	8.2	5.7	3.4	1.7	1.0			
-70		1.1	2.1	3.2	4.6	5.7	6.6	7.1	7.1	6.6	5.7	4.6	3.2	2.1	1.1				
-80																			
-90	0.2	1.8		3.9		6.5		5.0		6.5		3.9		1.8		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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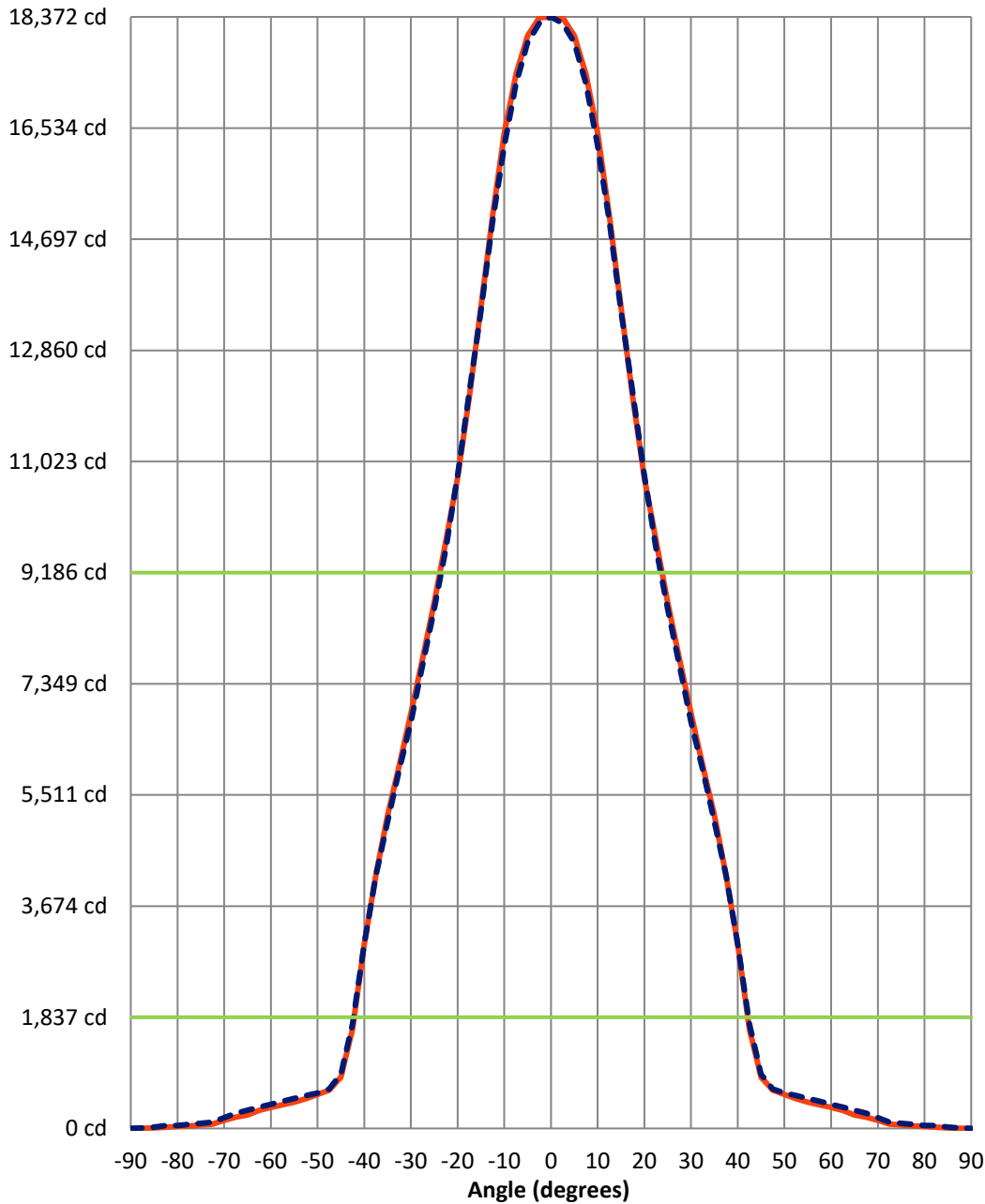
### Luminous Intensity Polar Plot



— 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: 6748.2  
Efficiency: 47.2%

**Field:**  
H Angle: 84.6°  
V Angle: 84.3°  
Lumens: 12985.4  
Efficiency: 90.8%

**Spill:**  
Lumens: 1315.8  
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	2.5	2.8	3.1	3.3	3.5
85°	0.0	0.6	1.2	2.0	2.9	3.9	5.0	5.6	6.2	6.6	7.0
82.5°	0.0	0.9	1.8	3.0	4.3	5.8	7.5	8.4	9.5	11.3	12.7
80°	0.0	1.2	2.4	3.9	5.7	7.7	10.3	13.7	16.3	18.4	19.8
77.5°	0.0	1.5	3.0	4.9	7.1	10.5	16.2	20.2	23.2	25.4	27.5
75°	0.0	1.8	3.6	5.8	8.8	15.0	21.9	26.8	30.3	34.1	37.0
72.5°	0.0	2.1	4.1	6.8	12.0	19.3	27.5	33.7	39.1	43.4	46.6
70°	0.0	2.4	4.7	7.9	15.2	23.6	33.1	42.0	48.0	52.8	60.4
67.5°	0.0	2.6	5.3	10.0	18.3	27.7	39.7	50.2	56.9	64.7	74.7
65°	0.0	2.9	5.8	12.1	21.2	32.1	46.0	58.4	66.2	76.1	88.1
62.5°	0.0	3.2	6.4	14.1	24.1	36.8	52.0	65.8	75.1	87.1	100.6
60°	0.0	3.4	6.9	16.0	26.8	41.2	57.7	72.6	83.5	98.2	112.8
57.5°	0.0	3.7	8.1	17.9	30.0	45.4	61.5	78.6	92.9	109.2	123.5
55°	0.0	4.0	9.3	19.6	33.0	49.4	64.8	83.0	102.6	119.5	133.4
52.5°	0.0	4.2	10.4	21.3	35.8	52.8	67.6	88.9	111.9	128.3	143.0
50°	0.0	4.4	11.5	22.9	38.4	54.5	69.9	94.5	120.6	136.9	153.7
47.5°	0.0	4.7	12.6	24.4	40.8	55.8	72.1	99.4	128.1	145.2	164.2
45°	0.0	4.9	13.6	26.0	43.0	56.9	75.5	103.5	131.9	154.2	174.2
42.5°	0.0	5.1	14.5	27.6	45.0	57.5	78.5	106.5	134.8	162.8	184.5
40°	0.0	5.3	15.4	29.1	46.1	57.9	80.9	108.4	137.4	170.5	194.4
37.5°	0.0	5.5	16.3	30.8	46.2	57.8	82.8	109.8	140.2	174.2	203.9
35°	0.0	5.7	17.1	32.4	46.2	58.6	84.1	110.6	142.6	179.8	213.1
32.5°	0.0	5.8	17.8	33.9	45.9	59.5	84.8	110.8	144.5	186.6	221.4
30°	0.0	6.0	18.5	35.4	45.4	60.0	84.7	110.7	145.9	194.4	229.6
27.5°	0.0	6.1	19.1	36.9	45.9	60.2	84.2	111.5	148.8	203.3	237.7
25°	0.0	6.3	19.7	38.3	46.4	60.0	83.3	111.8	154.8	210.7	245.6
22.5°	0.0	6.4	20.2	39.6	46.9	60.1	82.0	111.6	161.0	216.8	255.3
20°	0.0	6.5	20.7	40.8	47.3	61.7	80.2	111.0	167.4	222.6	264.1
17.5°	0.0	6.6	21.0	41.9	47.6	63.1	80.3	110.0	173.6	227.9	272.0
15°	0.0	6.7	21.4	43.0	47.8	64.3	81.5	109.7	179.7	232.7	278.9
12.5°	0.0	6.7	21.6	43.9	48.0	65.3	82.5	110.1	183.8	237.0	284.8
10°	0.0	6.8	21.9	44.8	48.1	66.1	83.2	109.9	185.5	240.5	289.9
7.5°	0.0	6.8	22.0	45.5	48.2	66.8	83.8	109.0	185.7	244.0	294.1
5°	0.0	6.9	22.1	46.1	48.3	67.2	84.1	107.5	184.4	247.1	297.4
2.5°	0.0	6.9	22.1	46.6	48.3	67.5	84.2	105.6	181.8	249.5	299.5
0°	0.0	6.9	22.1	46.9	48.3	67.6	84.1	103.4	177.9	251.0	300.7
-2.5°	0.0	6.9	22.1	46.6	48.3	67.5	84.2	105.6	181.8	249.5	299.5
-5°	0.0	6.9	22.1	46.1	48.3	67.2	84.1	107.5	184.4	247.1	297.4
-7.5°	0.0	6.8	22.0	45.5	48.2	66.8	83.8	109.0	185.7	244.0	294.1
-10°	0.0	6.8	21.9	44.8	48.1	66.1	83.2	109.9	185.5	240.5	289.9
-12.5°	0.0	6.7	21.6	43.9	48.0	65.3	82.5	110.1	183.8	237.0	284.8
-15°	0.0	6.7	21.4	43.0	47.8	64.3	81.5	109.7	179.7	232.7	278.9
-17.5°	0.0	6.6	21.0	41.9	47.6	63.1	80.3	110.0	173.6	227.9	272.0
-20°	0.0	6.5	20.7	40.8	47.3	61.7	80.2	111.0	167.4	222.6	264.1



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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	6.4	20.2	39.6	46.9	60.1	82.0	111.6	161.0	216.8	255.3
-25°	0.0	6.3	19.7	38.3	46.4	60.0	83.3	111.8	154.8	210.7	245.6
-27.5°	0.0	6.1	19.1	36.9	45.9	60.2	84.2	111.5	148.8	203.3	237.7
-30°	0.0	6.0	18.5	35.4	45.4	60.0	84.7	110.7	145.9	194.4	229.6
-32.5°	0.0	5.8	17.8	33.9	45.9	59.5	84.8	110.8	144.5	186.6	221.4
-35°	0.0	5.7	17.1	32.4	46.2	58.6	84.1	110.6	142.6	179.8	213.1
-37.5°	0.0	5.5	16.3	30.8	46.2	57.8	82.8	109.8	140.2	174.2	203.9
-40°	0.0	5.3	15.4	29.1	46.1	57.9	80.9	108.4	137.4	170.5	194.4
-42.5°	0.0	5.1	14.5	27.6	45.0	57.5	78.5	106.5	134.8	162.8	184.5
-45°	0.0	4.9	13.6	26.0	43.0	56.9	75.5	103.5	131.9	154.2	174.2
-47.5°	0.0	4.7	12.6	24.4	40.8	55.8	72.1	99.4	128.1	145.2	164.2
-50°	0.0	4.4	11.5	22.9	38.4	54.5	69.9	94.5	120.6	136.9	153.7
-52.5°	0.0	4.2	10.4	21.3	35.8	52.8	67.6	88.9	111.9	128.3	143.0
-55°	0.0	4.0	9.3	19.6	33.0	49.4	64.8	83.0	102.6	119.5	133.4
-57.5°	0.0	3.7	8.1	17.9	30.0	45.4	61.5	78.6	92.9	109.2	123.5
-60°	0.0	3.4	6.9	16.0	26.8	41.2	57.7	72.6	83.5	98.2	112.8
-62.5°	0.0	3.2	6.4	14.1	24.1	36.8	52.0	65.8	75.1	87.1	100.6
-65°	0.0	2.9	5.8	12.1	21.2	32.1	46.0	58.4	66.2	76.1	88.1
-67.5°	0.0	2.6	5.3	10.0	18.3	27.7	39.7	50.2	56.9	64.7	74.7
-70°	0.0	2.4	4.7	7.9	15.2	23.6	33.1	42.0	48.0	52.8	60.4
-72.5°	0.0	2.1	4.1	6.8	12.0	19.3	27.5	33.7	39.1	43.4	46.6
-75°	0.0	1.8	3.6	5.8	8.8	15.0	21.9	26.8	30.3	34.1	37.0
-77.5°	0.0	1.5	3.0	4.9	7.1	10.5	16.2	20.2	23.2	25.4	27.5
-80°	0.0	1.2	2.4	3.9	5.7	7.7	10.3	13.7	16.3	18.4	19.8
-82.5°	0.0	0.9	1.8	3.0	4.3	5.8	7.5	8.4	9.5	11.3	12.7
-85°	0.0	0.6	1.2	2.0	2.9	3.9	5.0	5.6	6.2	6.6	7.0
-87.5°	0.0	0.3	0.6	1.0	1.4	1.9	2.5	2.8	3.1	3.3	3.5
-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°	3.5	3.5	3.3	3.2	2.9	2.7	2.4	2.0	2.1	2.1	2.2
85°	7.0	6.9	7.4	8.0	8.2	8.1	7.9	7.4	8.5	9.7	11.0
82.5°	14.0	15.2	16.3	17.5	17.5	17.1	16.5	15.8	18.2	21.2	24.4
80°	21.6	23.4	26.1	28.9	29.6	29.4	28.5	26.9	30.3	35.2	40.7
77.5°	30.9	34.6	38.4	42.2	43.1	42.4	40.5	37.7	42.0	49.9	58.7
75°	41.0	45.7	51.7	56.4	57.4	55.8	53.0	50.6	55.7	65.6	75.0
72.5°	53.5	61.3	67.2	71.3	71.6	70.1	68.8	67.5	73.3	84.9	94.6
70°	69.5	77.3	81.9	84.4	85.0	85.9	89.9	93.6	99.3	109.3	117.2
67.5°	85.4	91.6	95.7	98.7	104.7	110.3	115.7	121.3	127.7	136.2	142.2
65°	99.5	105.9	111.4	118.5	127.2	134.0	141.2	149.1	157.9	165.9	171.7
62.5°	113.5	120.3	128.0	137.5	147.5	156.7	167.3	178.2	188.8	197.8	207.7
60°	125.0	134.1	144.4	155.8	167.9	181.8	194.6	207.2	218.7	230.0	243.9
57.5°	135.9	148.2	160.8	174.5	190.3	207.3	222.3	236.1	250.6	267.0	280.6
55°	147.4	162.9	177.3	193.8	212.7	233.2	249.7	265.2	283.0	302.7	318.0
52.5°	159.8	176.8	193.8	213.6	236.4	256.8	274.0	293.4	315.1	336.4	354.1
50°	171.8	190.6	210.3	235.5	258.1	277.6	298.9	322.3	344.9	366.8	387.8
47.5°	183.8	204.0	230.2	255.9	277.1	299.9	324.8	348.9	372.6	395.5	417.4
45°	195.7	219.6	248.7	273.1	296.7	322.8	348.6	373.9	398.8	423.1	447.1
42.5°	207.1	234.9	264.2	289.8	316.9	344.3	371.2	397.9	424.2	450.3	475.8
40°	219.6	248.9	279.7	307.6	335.9	364.5	392.8	421.0	448.8	476.4	503.5
37.5°	231.1	263.4	295.5	324.7	353.8	383.7	413.4	443.3	472.6	501.3	532.2
35°	241.5	278.1	310.5	341.1	371.6	401.9	433.4	464.7	495.6	526.8	566.2
32.5°	253.0	292.8	324.6	356.9	388.5	419.7	452.3	485.6	518.4	554.9	611.5
30°	266.1	305.2	338.0	371.9	404.3	437.0	470.8	505.5	540.1	596.7	727.6
27.5°	278.8	316.5	351.0	385.7	419.1	453.1	488.5	524.4	572.6	659.6	871.9
25°	290.6	327.4	363.2	398.3	432.8	468.0	504.7	542.0	607.4	783.2	1252.2
22.5°	300.5	337.9	375.1	409.9	445.2	481.7	519.7	569.2	670.4	907.9	1675.3
20°	308.9	347.8	385.9	422.1	456.8	493.7	533.3	595.2	766.0	1264.1	2182.4
17.5°	316.8	356.9	395.9	433.7	470.1	506.4	547.0	617.6	852.1	1573.7	2692.2
15°	324.0	365.0	405.2	444.6	482.3	520.0	568.5	681.2	1026.2	1881.0	3146.4
12.5°	330.5	372.2	413.6	454.7	493.2	532.2	587.9	744.5	1239.4	2241.5	3456.3
10°	336.2	378.3	421.2	463.8	502.9	542.9	604.3	796.4	1414.8	2538.0	3705.4
7.5°	341.5	384.2	428.2	471.9	511.2	552.1	617.6	836.9	1550.2	2761.3	3904.1
5°	345.9	390.0	436.5	480.8	521.6	562.1	629.1	866.0	1645.3	2911.7	4048.9
2.5°	349.3	394.9	443.7	488.6	533.1	574.2	642.2	887.6	1706.7	3007.6	4141.5
0°	351.7	398.6	449.6	495.1	543.4	584.8	652.4	897.9	1729.6	3042.6	4176.3
-2.5°	349.3	394.9	443.7	488.6	533.1	574.2	642.2	887.6	1706.7	3007.6	4141.5
-5°	345.9	390.0	436.5	480.8	521.6	562.1	629.1	866.0	1645.3	2911.7	4048.9
-7.5°	341.5	384.2	428.2	471.9	511.2	552.1	617.6	836.9	1550.2	2761.3	3904.1
-10°	336.2	378.3	421.2	463.8	502.9	542.9	604.3	796.4	1414.8	2538.0	3705.4
-12.5°	330.5	372.2	413.6	454.7	493.2	532.2	587.9	744.5	1239.4	2241.5	3456.3
-15°	324.0	365.0	405.2	444.6	482.3	520.0	568.5	681.2	1026.2	1881.0	3146.4
-17.5°	316.8	356.9	395.9	433.7	470.1	506.4	547.0	617.6	852.1	1573.7	2692.2
-20°	308.9	347.8	385.9	422.1	456.8	493.7	533.3	595.2	766.0	1264.1	2182.4



REPORT NUMBER: P558821 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-930-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°	300.5	337.9	375.1	409.9	445.2	481.7	519.7	569.2	670.4	907.9	1675.3
-25°	290.6	327.4	363.2	398.3	432.8	468.0	504.7	542.0	607.4	783.2	1252.2
-27.5°	278.8	316.5	351.0	385.7	419.1	453.1	488.5	524.4	572.6	659.6	871.9
-30°	266.1	305.2	338.0	371.9	404.3	437.0	470.8	505.5	540.1	596.7	727.6
-32.5°	253.0	292.8	324.6	356.9	388.5	419.7	452.3	485.6	518.4	554.9	611.5
-35°	241.5	278.1	310.5	341.1	371.6	401.9	433.4	464.7	495.6	526.8	566.2
-37.5°	231.1	263.4	295.5	324.7	353.8	383.7	413.4	443.3	472.6	501.3	532.2
-40°	219.6	248.9	279.7	307.6	335.9	364.5	392.8	421.0	448.8	476.4	503.5
-42.5°	207.1	234.9	264.2	289.8	316.9	344.3	371.2	397.9	424.2	450.3	475.8
-45°	195.7	219.6	248.7	273.1	296.7	322.8	348.6	373.9	398.8	423.1	447.1
-47.5°	183.8	204.0	230.2	255.9	277.1	299.9	324.8	348.9	372.6	395.5	417.4
-50°	171.8	190.6	210.3	235.5	258.1	277.6	298.9	322.3	344.9	366.8	387.8
-52.5°	159.8	176.8	193.8	213.6	236.4	256.8	274.0	293.4	315.1	336.4	354.1
-55°	147.4	162.9	177.3	193.8	212.7	233.2	249.7	265.2	283.0	302.7	318.0
-57.5°	135.9	148.2	160.8	174.5	190.3	207.3	222.3	236.1	250.6	267.0	280.6
-60°	125.0	134.1	144.4	155.8	167.9	181.8	194.6	207.2	218.7	230.0	243.9
-62.5°	113.5	120.3	128.0	137.5	147.5	156.7	167.3	178.2	188.8	197.8	207.7
-65°	99.5	105.9	111.4	118.5	127.2	134.0	141.2	149.1	157.9	165.9	171.7
-67.5°	85.4	91.6	95.7	98.7	104.7	110.3	115.7	121.3	127.7	136.2	142.2
-70°	69.5	77.3	81.9	84.4	85.0	85.9	89.9	93.6	99.3	109.3	117.2
-72.5°	53.5	61.3	67.2	71.3	71.6	70.1	68.8	67.5	73.3	84.9	94.6
-75°	41.0	45.7	51.7	56.4	57.4	55.8	53.0	50.6	55.7	65.6	75.0
-77.5°	30.9	34.6	38.4	42.2	43.1	42.4	40.5	37.7	42.0	49.9	58.7
-80°	21.6	23.4	26.1	28.9	29.6	29.4	28.5	26.9	30.3	35.2	40.7
-82.5°	14.0	15.2	16.3	17.5	17.5	17.1	16.5	15.8	18.2	21.2	24.4
-85°	7.0	6.9	7.4	8.0	8.2	8.1	7.9	7.4	8.5	9.7	11.0
-87.5°	3.5	3.5	3.3	3.2	2.9	2.7	2.4	2.0	2.1	2.1	2.2
-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: P558821 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-930-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°	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.7	2.7	2.4	2.1
85°	12.4	12.0	11.4	10.5	9.5	10.0	10.6	11.2	11.7	11.0	10.1
82.5°	27.8	28.2	28.2	28.1	28.0	29.2	30.3	31.4	32.2	29.8	26.9
80°	46.9	49.1	50.4	51.6	52.6	52.6	51.9	50.7	49.0	44.8	40.2
77.5°	67.8	71.3	73.0	74.8	76.6	77.2	77.6	78.1	78.6	71.3	62.0
75°	84.0	89.3	92.3	95.1	97.7	99.2	100.0	100.5	100.7	91.9	80.6
72.5°	102.4	107.6	111.2	114.7	118.0	120.1	121.3	122.3	122.9	115.3	104.4
70°	122.8	126.9	131.3	135.6	139.5	142.3	144.1	145.5	146.6	145.8	145.3
67.5°	147.0	150.5	155.8	159.9	164.1	167.0	170.1	172.6	174.4	176.4	178.7
65°	177.2	185.6	193.4	197.3	197.9	202.1	209.1	213.6	215.9	217.7	220.0
62.5°	219.1	229.5	235.0	241.6	250.1	258.0	261.0	265.1	270.0	275.9	282.6
60°	255.1	263.7	272.5	281.6	289.5	296.0	303.1	310.2	316.6	322.5	328.2
57.5°	291.9	301.3	310.3	321.0	328.4	332.8	339.8	348.2	354.8	359.8	367.5
55°	330.1	342.2	354.4	364.0	371.1	375.7	381.0	389.1	393.9	395.8	404.7
52.5°	368.4	382.7	397.8	409.1	416.6	423.6	430.0	437.1	442.0	444.4	453.1
50°	404.0	421.0	437.8	452.5	462.5	474.0	487.1	493.6	497.7	502.4	512.1
47.5°	437.8	456.8	474.8	491.4	505.8	518.8	530.0	540.9	556.9	569.6	582.1
45°	470.3	490.6	510.1	528.7	544.8	570.2	594.4	615.0	670.0	716.3	751.5
42.5°	500.9	525.5	547.4	578.5	612.3	671.0	761.5	845.5	1007.8	1216.8	1391.4
40°	532.8	564.6	604.0	664.5	779.0	896.7	1248.7	1562.4	1870.8	2221.6	2522.2
37.5°	570.1	618.0	733.3	870.0	1237.2	1643.3	2142.2	2631.8	3058.2	3423.0	3727.6
35°	619.4	767.5	982.8	1481.2	2023.7	2689.6	3264.5	3725.0	4146.2	4484.2	4738.7
32.5°	764.7	1035.7	1604.6	2290.0	3036.1	3679.5	4239.5	4680.4	5064.6	5367.6	5603.5
30°	977.4	1600.4	2373.0	3193.9	3937.1	4551.4	5068.8	5489.1	5832.1	6140.3	6399.1
27.5°	1483.1	2284.7	3192.8	4030.0	4706.1	5281.2	5745.3	6161.6	6539.8	6864.4	7170.3
25°	2036.4	3028.7	3944.6	4706.7	5337.6	5877.1	6366.7	6822.1	7245.4	7625.3	7981.2
22.5°	2700.9	3690.5	4565.9	5271.1	5882.5	6436.8	6956.8	7463.6	7956.3	8419.9	8850.6
20°	3302.5	4273.8	5037.1	5741.4	6376.6	6954.2	7527.2	8117.9	8686.6	9245.1	9763.6
17.5°	3771.3	4674.9	5441.2	6155.2	6801.7	7455.8	8111.6	8790.1	9476.0	10124.5	10744.8
15°	4162.8	5009.5	5786.1	6500.0	7210.8	7932.5	8665.2	9464.4	10280.3	11056.6	11847.3
12.5°	4440.3	5288.7	6076.0	6792.4	7589.3	8372.7	9225.6	10136.5	11078.8	11983.0	12954.2
10°	4663.4	5511.5	6292.2	7064.6	7908.0	8776.7	9733.2	10736.5	11860.9	12931.6	13978.0
7.5°	4854.8	5697.3	6465.9	7286.5	8173.1	9127.9	10168.2	11302.6	12519.4	13710.8	14956.3
5°	4994.9	5824.0	6600.8	7468.5	8377.0	9384.5	10503.8	11715.8	13020.8	14326.2	15558.0
2.5°	5069.0	5896.2	6684.7	7581.3	8496.5	9540.0	10705.7	11990.4	13368.8	14793.2	16007.7
0°	5067.3	5926.6	6716.9	7657.5	8584.4	9587.1	10792.5	12166.3	13511.0	14991.0	16237.8
-2.5°	5069.0	5896.2	6684.7	7581.3	8496.5	9540.0	10705.7	11990.4	13368.8	14793.2	16007.7
-5°	4994.9	5824.0	6600.8	7468.5	8377.0	9384.5	10503.8	11715.8	13020.8	14326.2	15558.0
-7.5°	4854.8	5697.3	6465.9	7286.5	8173.1	9127.9	10168.2	11302.6	12519.4	13710.8	14956.3
-10°	4663.4	5511.5	6292.2	7064.6	7908.0	8776.7	9733.2	10736.5	11860.9	12931.6	13978.0
-12.5°	4440.3	5288.7	6076.0	6792.4	7589.3	8372.7	9225.6	10136.5	11078.8	11983.0	12954.2
-15°	4162.8	5009.5	5786.1	6500.0	7210.8	7932.5	8665.2	9464.4	10280.3	11056.6	11847.3
-17.5°	3771.3	4674.9	5441.2	6155.2	6801.7	7455.8	8111.6	8790.1	9476.0	10124.5	10744.8
-20°	3302.5	4273.8	5037.1	5741.4	6376.6	6954.2	7527.2	8117.9	8686.6	9245.1	9763.6



REPORT NUMBER: P558821 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-930-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2700.9	3690.5	4565.9	5271.1	5882.5	6436.8	6956.8	7463.6	7956.3	8419.9	8850.6
-25°	2036.4	3028.7	3944.6	4706.7	5337.6	5877.1	6366.7	6822.1	7245.4	7625.3	7981.2
-27.5°	1483.1	2284.7	3192.8	4030.0	4706.1	5281.2	5745.3	6161.6	6539.8	6864.4	7170.3
-30°	977.4	1600.4	2373.0	3193.9	3937.1	4551.4	5068.8	5489.1	5832.1	6140.3	6399.1
-32.5°	764.7	1035.7	1604.6	2290.0	3036.1	3679.5	4239.5	4680.4	5064.6	5367.6	5603.5
-35°	619.4	767.5	982.8	1481.2	2023.7	2689.6	3264.5	3725.0	4146.2	4484.2	4738.7
-37.5°	570.1	618.0	733.3	870.0	1237.2	1643.3	2142.2	2631.8	3058.2	3423.0	3727.6
-40°	532.8	564.6	604.0	664.5	779.0	896.7	1248.7	1562.4	1870.8	2221.6	2522.2
-42.5°	500.9	525.5	547.4	578.5	612.3	671.0	761.5	845.5	1007.8	1216.8	1391.4
-45°	470.3	490.6	510.1	528.7	544.8	570.2	594.4	615.0	670.0	716.3	751.5
-47.5°	437.8	456.8	474.8	491.4	505.8	518.8	530.0	540.9	556.9	569.6	582.1
-50°	404.0	421.0	437.8	452.5	462.5	474.0	487.1	493.6	497.7	502.4	512.1
-52.5°	368.4	382.7	397.8	409.1	416.6	423.6	430.0	437.1	442.0	444.4	453.1
-55°	330.1	342.2	354.4	364.0	371.1	375.7	381.0	389.1	393.9	395.8	404.7
-57.5°	291.9	301.3	310.3	321.0	328.4	332.8	339.8	348.2	354.8	359.8	367.5
-60°	255.1	263.7	272.5	281.6	289.5	296.0	303.1	310.2	316.6	322.5	328.2
-62.5°	219.1	229.5	235.0	241.6	250.1	258.0	261.0	265.1	270.0	275.9	282.6
-65°	177.2	185.6	193.4	197.3	197.9	202.1	209.1	213.6	215.9	217.7	220.0
-67.5°	147.0	150.5	155.8	159.9	164.1	167.0	170.1	172.6	174.4	176.4	178.7
-70°	122.8	126.9	131.3	135.6	139.5	142.3	144.1	145.5	146.6	145.8	145.3
-72.5°	102.4	107.6	111.2	114.7	118.0	120.1	121.3	122.3	122.9	115.3	104.4
-75°	84.0	89.3	92.3	95.1	97.7	99.2	100.0	100.5	100.7	91.9	80.6
-77.5°	67.8	71.3	73.0	74.8	76.6	77.2	77.6	78.1	78.6	71.3	62.0
-80°	46.9	49.1	50.4	51.6	52.6	52.6	51.9	50.7	49.0	44.8	40.2
-82.5°	27.8	28.2	28.2	28.1	28.0	29.2	30.3	31.4	32.2	29.8	26.9
-85°	12.4	12.0	11.4	10.5	9.5	10.0	10.6	11.2	11.7	11.0	10.1
-87.5°	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.7	2.7	2.4	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: P558821 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-930-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°	1.7	1.4	1.4	1.4	1.4	1.4	1.7	2.1	2.4	2.7	2.7
85°	9.2	8.3	8.3	8.3	8.3	8.3	9.2	10.1	11.0	11.7	11.2
82.5°	23.9	20.6	20.7	20.7	20.7	20.6	23.9	26.9	29.8	32.2	31.4
80°	35.3	30.3	30.9	31.7	30.9	30.3	35.3	40.2	44.8	49.0	50.7
77.5°	52.1	41.7	41.3	41.4	41.3	41.7	52.1	62.0	71.3	78.6	78.1
75°	69.0	57.0	56.4	56.5	56.4	57.0	69.0	80.6	91.9	100.7	100.5
72.5°	93.3	81.8	76.6	71.7	76.6	81.8	93.3	104.4	115.3	122.9	122.3
70°	145.4	145.7	140.6	133.8	140.6	145.7	145.4	145.3	145.8	146.6	145.5
67.5°	180.6	182.1	184.3	186.2	184.3	182.1	180.6	178.7	176.4	174.4	172.6
65°	221.0	220.9	221.7	222.1	221.7	220.9	221.0	220.0	217.7	215.9	213.6
62.5°	288.4	293.0	296.3	297.9	296.3	293.0	288.4	282.6	275.9	270.0	265.1
60°	333.0	336.8	342.2	347.6	342.2	336.8	333.0	328.2	322.5	316.6	310.2
57.5°	374.7	381.2	386.4	390.3	386.4	381.2	374.7	367.5	359.8	354.8	348.2
55°	413.2	420.7	427.9	434.5	427.9	420.7	413.2	404.7	395.8	393.9	389.1
52.5°	461.6	467.8	478.0	491.0	478.0	467.8	461.6	453.1	444.4	442.0	437.1
50°	523.4	532.7	545.7	561.4	545.7	532.7	523.4	512.1	502.4	497.7	493.6
47.5°	594.8	604.2	616.7	633.1	616.7	604.2	594.8	582.1	569.6	556.9	540.9
45°	783.8	805.8	826.0	848.2	826.0	805.8	783.8	751.5	716.3	670.0	615.0
42.5°	1531.3	1628.0	1669.8	1645.4	1669.8	1628.0	1531.3	1391.4	1216.8	1007.8	845.5
40°	2751.5	2912.3	3006.9	3039.8	3006.9	2912.3	2751.5	2522.2	2221.6	1870.8	1562.4
37.5°	3950.0	4098.0	4177.9	4187.4	4177.9	4098.0	3950.0	3727.6	3423.0	3058.2	2631.8
35°	4922.3	5044.3	5116.5	5170.8	5116.5	5044.3	4922.3	4738.7	4484.2	4146.2	3725.0
32.5°	5795.5	5934.5	6014.7	5996.9	6014.7	5934.5	5795.5	5603.5	5367.6	5064.6	4680.4
30°	6611.2	6763.2	6857.6	6860.3	6857.6	6763.2	6611.2	6399.1	6140.3	5832.1	5489.1
27.5°	7417.7	7588.3	7686.7	7763.7	7686.7	7588.3	7417.7	7170.3	6864.4	6539.8	6161.6
25°	8278.0	8490.6	8616.9	8693.3	8616.9	8490.6	8278.0	7981.2	7625.3	7245.4	6822.1
22.5°	9205.6	9469.1	9642.1	9714.0	9642.1	9469.1	9205.6	8850.6	8419.9	7956.3	7463.6
20°	10214.6	10541.0	10762.0	10755.3	10762.0	10541.0	10214.6	9763.6	9245.1	8686.6	8117.9
17.5°	11340.5	11761.5	12046.4	12087.7	12046.4	11761.5	11340.5	10744.8	10124.5	9476.0	8790.1
15°	12547.5	13090.3	13458.8	13573.1	13458.8	13090.3	12547.5	11847.3	11056.6	10280.3	9464.4
12.5°	13784.4	14430.1	14921.4	15084.7	14921.4	14430.1	13784.4	12954.2	11983.0	11078.8	10136.5
10°	14962.9	15678.1	16211.4	16447.4	16211.4	15678.1	14962.9	13978.0	12931.6	11860.9	10736.5
7.5°	15948.1	16674.8	17224.1	17418.4	17224.1	16674.8	15948.1	14956.3	13710.8	12519.4	11302.6
5°	16597.2	17391.1	17818.2	18058.4	17818.2	17391.1	16597.2	15558.0	14326.2	13020.8	11715.8
2.5°	17030.8	17704.0	18136.6	18357.7	18136.6	17704.0	17030.8	16007.7	14793.2	13368.8	11990.4
0°	17261.2	17946.7	18263.9	18371.5	18263.9	17946.7	17261.2	16237.8	14991.0	13511.0	12166.3
-2.5°	17030.8	17704.0	18136.6	18357.7	18136.6	17704.0	17030.8	16007.7	14793.2	13368.8	11990.4
-5°	16597.2	17391.1	17818.2	18058.4	17818.2	17391.1	16597.2	15558.0	14326.2	13020.8	11715.8
-7.5°	15948.1	16674.8	17224.1	17418.4	17224.1	16674.8	15948.1	14956.3	13710.8	12519.4	11302.6
-10°	14962.9	15678.1	16211.4	16447.4	16211.4	15678.1	14962.9	13978.0	12931.6	11860.9	10736.5
-12.5°	13784.4	14430.1	14921.4	15084.7	14921.4	14430.1	13784.4	12954.2	11983.0	11078.8	10136.5
-15°	12547.5	13090.3	13458.8	13573.1	13458.8	13090.3	12547.5	11847.3	11056.6	10280.3	9464.4
-17.5°	11340.5	11761.5	12046.4	12087.7	12046.4	11761.5	11340.5	10744.8	10124.5	9476.0	8790.1
-20°	10214.6	10541.0	10762.0	10755.3	10762.0	10541.0	10214.6	9763.6	9245.1	8686.6	8117.9



REPORT NUMBER: P558821 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-930-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°	9205.6	9469.1	9642.1	9714.0	9642.1	9469.1	9205.6	8850.6	8419.9	7956.3	7463.6
-25°	8278.0	8490.6	8616.9	8693.3	8616.9	8490.6	8278.0	7981.2	7625.3	7245.4	6822.1
-27.5°	7417.7	7588.3	7686.7	7763.7	7686.7	7588.3	7417.7	7170.3	6864.4	6539.8	6161.6
-30°	6611.2	6763.2	6857.6	6860.3	6857.6	6763.2	6611.2	6399.1	6140.3	5832.1	5489.1
-32.5°	5795.5	5934.5	6014.7	5996.9	6014.7	5934.5	5795.5	5603.5	5367.6	5064.6	4680.4
-35°	4922.3	5044.3	5116.5	5170.8	5116.5	5044.3	4922.3	4738.7	4484.2	4146.2	3725.0
-37.5°	3950.0	4098.0	4177.9	4187.4	4177.9	4098.0	3950.0	3727.6	3423.0	3058.2	2631.8
-40°	2751.5	2912.3	3006.9	3039.8	3006.9	2912.3	2751.5	2522.2	2221.6	1870.8	1562.4
-42.5°	1531.3	1628.0	1669.8	1645.4	1669.8	1628.0	1531.3	1391.4	1216.8	1007.8	845.5
-45°	783.8	805.8	826.0	848.2	826.0	805.8	783.8	751.5	716.3	670.0	615.0
-47.5°	594.8	604.2	616.7	633.1	616.7	604.2	594.8	582.1	569.6	556.9	540.9
-50°	523.4	532.7	545.7	561.4	545.7	532.7	523.4	512.1	502.4	497.7	493.6
-52.5°	461.6	467.8	478.0	491.0	478.0	467.8	461.6	453.1	444.4	442.0	437.1
-55°	413.2	420.7	427.9	434.5	427.9	420.7	413.2	404.7	395.8	393.9	389.1
-57.5°	374.7	381.2	386.4	390.3	386.4	381.2	374.7	367.5	359.8	354.8	348.2
-60°	333.0	336.8	342.2	347.6	342.2	336.8	333.0	328.2	322.5	316.6	310.2
-62.5°	288.4	293.0	296.3	297.9	296.3	293.0	288.4	282.6	275.9	270.0	265.1
-65°	221.0	220.9	221.7	222.1	221.7	220.9	221.0	220.0	217.7	215.9	213.6
-67.5°	180.6	182.1	184.3	186.2	184.3	182.1	180.6	178.7	176.4	174.4	172.6
-70°	145.4	145.7	140.6	133.8	140.6	145.7	145.4	145.3	145.8	146.6	145.5
-72.5°	93.3	81.8	76.6	71.7	76.6	81.8	93.3	104.4	115.3	122.9	122.3
-75°	69.0	57.0	56.4	56.5	56.4	57.0	69.0	80.6	91.9	100.7	100.5
-77.5°	52.1	41.7	41.3	41.4	41.3	41.7	52.1	62.0	71.3	78.6	78.1
-80°	35.3	30.3	30.9	31.7	30.9	30.3	35.3	40.2	44.8	49.0	50.7
-82.5°	23.9	20.6	20.7	20.7	20.7	20.6	23.9	26.9	29.8	32.2	31.4
-85°	9.2	8.3	8.3	8.3	8.3	8.3	9.2	10.1	11.0	11.7	11.2
-87.5°	1.7	1.4	1.4	1.4	1.4	1.4	1.7	2.1	2.4	2.7	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





REPORT NUMBER: P558821 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-930-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°	2.6	2.6	2.5	2.5	2.4	2.4	2.3	2.2	2.1	2.1	2.0
85°	10.6	10.0	9.5	10.5	11.4	12.0	12.4	11.0	9.7	8.5	7.4
82.5°	30.3	29.2	28.0	28.1	28.2	28.2	27.8	24.4	21.2	18.2	15.8
80°	51.9	52.6	52.6	51.6	50.4	49.1	46.9	40.7	35.2	30.3	26.9
77.5°	77.6	77.2	76.6	74.8	73.0	71.3	67.8	58.7	49.9	42.0	37.7
75°	100.0	99.2	97.7	95.1	92.3	89.3	84.0	75.0	65.6	55.7	50.6
72.5°	121.3	120.1	118.0	114.7	111.2	107.6	102.4	94.6	84.9	73.3	67.5
70°	144.1	142.3	139.5	135.6	131.3	126.9	122.8	117.2	109.3	99.3	93.6
67.5°	170.1	167.0	164.1	159.9	155.8	150.5	147.0	142.2	136.2	127.7	121.3
65°	209.1	202.1	197.9	197.3	193.4	185.6	177.2	171.7	165.9	157.9	149.1
62.5°	261.0	258.0	250.1	241.6	235.0	229.5	219.1	207.7	197.8	188.8	178.2
60°	303.1	296.0	289.5	281.6	272.5	263.7	255.1	243.9	230.0	218.7	207.2
57.5°	339.8	332.8	328.4	321.0	310.3	301.3	291.9	280.6	267.0	250.6	236.1
55°	381.0	375.7	371.1	364.0	354.4	342.2	330.1	318.0	302.7	283.0	265.2
52.5°	430.0	423.6	416.6	409.1	397.8	382.7	368.4	354.1	336.4	315.1	293.4
50°	487.1	474.0	462.5	452.5	437.8	421.0	404.0	387.8	366.8	344.9	322.3
47.5°	530.0	518.8	505.8	491.4	474.8	456.8	437.8	417.4	395.5	372.6	348.9
45°	594.4	570.2	544.8	528.7	510.1	490.6	470.3	447.1	423.1	398.8	373.9
42.5°	761.5	671.0	612.3	578.5	547.4	525.5	500.9	475.8	450.3	424.2	397.9
40°	1248.7	896.7	779.0	664.5	604.0	564.6	532.8	503.5	476.4	448.8	421.0
37.5°	2142.2	1643.3	1237.2	870.0	733.3	618.0	570.1	532.2	501.3	472.6	443.3
35°	3264.5	2689.6	2023.7	1481.2	982.8	767.5	619.4	566.2	526.8	495.6	464.7
32.5°	4239.5	3679.5	3036.1	2290.0	1604.6	1035.7	764.7	611.5	554.9	518.4	485.6
30°	5068.8	4551.4	3937.1	3193.9	2373.0	1600.4	977.4	727.6	596.7	540.1	505.5
27.5°	5745.3	5281.2	4706.1	4030.0	3192.8	2284.7	1483.1	871.9	659.6	572.6	524.4
25°	6366.7	5877.1	5337.6	4706.7	3944.6	3028.7	2036.4	1252.2	783.2	607.4	542.0
22.5°	6956.8	6436.8	5882.5	5271.1	4565.9	3690.5	2700.9	1675.3	907.9	670.4	569.2
20°	7527.2	6954.2	6376.6	5741.4	5037.1	4273.8	3302.5	2182.4	1264.1	766.0	595.2
17.5°	8111.6	7455.8	6801.7	6155.2	5441.2	4674.9	3771.3	2692.2	1573.7	852.1	617.6
15°	8665.2	7932.5	7210.8	6500.0	5786.1	5009.5	4162.8	3146.4	1881.0	1026.2	681.2
12.5°	9225.6	8372.7	7589.3	6792.4	6076.0	5288.7	4440.3	3456.3	2241.5	1239.4	744.5
10°	9733.2	8776.7	7908.0	7064.6	6292.2	5511.5	4663.4	3705.4	2538.0	1414.8	796.4
7.5°	10168.2	9127.9	8173.1	7286.5	6465.9	5697.3	4854.8	3904.1	2761.3	1550.2	836.9
5°	10503.8	9384.5	8377.0	7468.5	6600.8	5824.0	4994.9	4048.9	2911.7	1645.3	866.0
2.5°	10705.7	9540.0	8496.5	7581.3	6684.7	5896.2	5069.0	4141.5	3007.6	1706.7	887.6
0°	10792.5	9587.1	8584.4	7657.5	6716.9	5926.6	5067.3	4176.3	3042.6	1729.6	897.9
-2.5°	10705.7	9540.0	8496.5	7581.3	6684.7	5896.2	5069.0	4141.5	3007.6	1706.7	887.6
-5°	10503.8	9384.5	8377.0	7468.5	6600.8	5824.0	4994.9	4048.9	2911.7	1645.3	866.0
-7.5°	10168.2	9127.9	8173.1	7286.5	6465.9	5697.3	4854.8	3904.1	2761.3	1550.2	836.9
-10°	9733.2	8776.7	7908.0	7064.6	6292.2	5511.5	4663.4	3705.4	2538.0	1414.8	796.4
-12.5°	9225.6	8372.7	7589.3	6792.4	6076.0	5288.7	4440.3	3456.3	2241.5	1239.4	744.5
-15°	8665.2	7932.5	7210.8	6500.0	5786.1	5009.5	4162.8	3146.4	1881.0	1026.2	681.2
-17.5°	8111.6	7455.8	6801.7	6155.2	5441.2	4674.9	3771.3	2692.2	1573.7	852.1	617.6
-20°	7527.2	6954.2	6376.6	5741.4	5037.1	4273.8	3302.5	2182.4	1264.1	766.0	595.2



REPORT NUMBER: P558821 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-930-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6956.8	6436.8	5882.5	5271.1	4565.9	3690.5	2700.9	1675.3	907.9	670.4	569.2
-25°	6366.7	5877.1	5337.6	4706.7	3944.6	3028.7	2036.4	1252.2	783.2	607.4	542.0
-27.5°	5745.3	5281.2	4706.1	4030.0	3192.8	2284.7	1483.1	871.9	659.6	572.6	524.4
-30°	5068.8	4551.4	3937.1	3193.9	2373.0	1600.4	977.4	727.6	596.7	540.1	505.5
-32.5°	4239.5	3679.5	3036.1	2290.0	1604.6	1035.7	764.7	611.5	554.9	518.4	485.6
-35°	3264.5	2689.6	2023.7	1481.2	982.8	767.5	619.4	566.2	526.8	495.6	464.7
-37.5°	2142.2	1643.3	1237.2	870.0	733.3	618.0	570.1	532.2	501.3	472.6	443.3
-40°	1248.7	896.7	779.0	664.5	604.0	564.6	532.8	503.5	476.4	448.8	421.0
-42.5°	761.5	671.0	612.3	578.5	547.4	525.5	500.9	475.8	450.3	424.2	397.9
-45°	594.4	570.2	544.8	528.7	510.1	490.6	470.3	447.1	423.1	398.8	373.9
-47.5°	530.0	518.8	505.8	491.4	474.8	456.8	437.8	417.4	395.5	372.6	348.9
-50°	487.1	474.0	462.5	452.5	437.8	421.0	404.0	387.8	366.8	344.9	322.3
-52.5°	430.0	423.6	416.6	409.1	397.8	382.7	368.4	354.1	336.4	315.1	293.4
-55°	381.0	375.7	371.1	364.0	354.4	342.2	330.1	318.0	302.7	283.0	265.2
-57.5°	339.8	332.8	328.4	321.0	310.3	301.3	291.9	280.6	267.0	250.6	236.1
-60°	303.1	296.0	289.5	281.6	272.5	263.7	255.1	243.9	230.0	218.7	207.2
-62.5°	261.0	258.0	250.1	241.6	235.0	229.5	219.1	207.7	197.8	188.8	178.2
-65°	209.1	202.1	197.9	197.3	193.4	185.6	177.2	171.7	165.9	157.9	149.1
-67.5°	170.1	167.0	164.1	159.9	155.8	150.5	147.0	142.2	136.2	127.7	121.3
-70°	144.1	142.3	139.5	135.6	131.3	126.9	122.8	117.2	109.3	99.3	93.6
-72.5°	121.3	120.1	118.0	114.7	111.2	107.6	102.4	94.6	84.9	73.3	67.5
-75°	100.0	99.2	97.7	95.1	92.3	89.3	84.0	75.0	65.6	55.7	50.6
-77.5°	77.6	77.2	76.6	74.8	73.0	71.3	67.8	58.7	49.9	42.0	37.7
-80°	51.9	52.6	52.6	51.6	50.4	49.1	46.9	40.7	35.2	30.3	26.9
-82.5°	30.3	29.2	28.0	28.1	28.2	28.2	27.8	24.4	21.2	18.2	15.8
-85°	10.6	10.0	9.5	10.5	11.4	12.0	12.4	11.0	9.7	8.5	7.4
-87.5°	2.6	2.6	2.5	2.5	2.4	2.4	2.3	2.2	2.1	2.1	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: P558821 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-930-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°	2.4	2.7	2.9	3.2	3.3	3.5	3.5	3.5	3.3	3.1	2.8
85°	7.9	8.1	8.2	8.0	7.4	6.9	7.0	7.0	6.6	6.2	5.6
82.5°	16.5	17.1	17.5	17.5	16.3	15.2	14.0	12.7	11.3	9.5	8.4
80°	28.5	29.4	29.6	28.9	26.1	23.4	21.6	19.8	18.4	16.3	13.7
77.5°	40.5	42.4	43.1	42.2	38.4	34.6	30.9	27.5	25.4	23.2	20.2
75°	53.0	55.8	57.4	56.4	51.7	45.7	41.0	37.0	34.1	30.3	26.8
72.5°	68.8	70.1	71.6	71.3	67.2	61.3	53.5	46.6	43.4	39.1	33.7
70°	89.9	85.9	85.0	84.4	81.9	77.3	69.5	60.4	52.8	48.0	42.0
67.5°	115.7	110.3	104.7	98.7	95.7	91.6	85.4	74.7	64.7	56.9	50.2
65°	141.2	134.0	127.2	118.5	111.4	105.9	99.5	88.1	76.1	66.2	58.4
62.5°	167.3	156.7	147.5	137.5	128.0	120.3	113.5	100.6	87.1	75.1	65.8
60°	194.6	181.8	167.9	155.8	144.4	134.1	125.0	112.8	98.2	83.5	72.6
57.5°	222.3	207.3	190.3	174.5	160.8	148.2	135.9	123.5	109.2	92.9	78.6
55°	249.7	233.2	212.7	193.8	177.3	162.9	147.4	133.4	119.5	102.6	83.0
52.5°	274.0	256.8	236.4	213.6	193.8	176.8	159.8	143.0	128.3	111.9	88.9
50°	298.9	277.6	258.1	235.5	210.3	190.6	171.8	153.7	136.9	120.6	94.5
47.5°	324.8	299.9	277.1	255.9	230.2	204.0	183.8	164.2	145.2	128.1	99.4
45°	348.6	322.8	296.7	273.1	248.7	219.6	195.7	174.2	154.2	131.9	103.5
42.5°	371.2	344.3	316.9	289.8	264.2	234.9	207.1	184.5	162.8	134.8	106.5
40°	392.8	364.5	335.9	307.6	279.7	248.9	219.6	194.4	170.5	137.4	108.4
37.5°	413.4	383.7	353.8	324.7	295.5	263.4	231.1	203.9	174.2	140.2	109.8
35°	433.4	401.9	371.6	341.1	310.5	278.1	241.5	213.1	179.8	142.6	110.6
32.5°	452.3	419.7	388.5	356.9	324.6	292.8	253.0	221.4	186.6	144.5	110.8
30°	470.8	437.0	404.3	371.9	338.0	305.2	266.1	229.6	194.4	145.9	110.7
27.5°	488.5	453.1	419.1	385.7	351.0	316.5	278.8	237.7	203.3	148.8	111.5
25°	504.7	468.0	432.8	398.3	363.2	327.4	290.6	245.6	210.7	154.8	111.8
22.5°	519.7	481.7	445.2	409.9	375.1	337.9	300.5	255.3	216.8	161.0	111.6
20°	533.3	493.7	456.8	422.1	385.9	347.8	308.9	264.1	222.6	167.4	111.0
17.5°	547.0	506.4	470.1	433.7	395.9	356.9	316.8	272.0	227.9	173.6	110.0
15°	568.5	520.0	482.3	444.6	405.2	365.0	324.0	278.9	232.7	179.7	109.7
12.5°	587.9	532.2	493.2	454.7	413.6	372.2	330.5	284.8	237.0	183.8	110.1
10°	604.3	542.9	502.9	463.8	421.2	378.3	336.2	289.9	240.5	185.5	109.9
7.5°	617.6	552.1	511.2	471.9	428.2	384.2	341.5	294.1	244.0	185.7	109.0
5°	629.1	562.1	521.6	480.8	436.5	390.0	345.9	297.4	247.1	184.4	107.5
2.5°	642.2	574.2	533.1	488.6	443.7	394.9	349.3	299.5	249.5	181.8	105.6
0°	652.4	584.8	543.4	495.1	449.6	398.6	351.7	300.7	251.0	177.9	103.4
-2.5°	642.2	574.2	533.1	488.6	443.7	394.9	349.3	299.5	249.5	181.8	105.6
-5°	629.1	562.1	521.6	480.8	436.5	390.0	345.9	297.4	247.1	184.4	107.5
-7.5°	617.6	552.1	511.2	471.9	428.2	384.2	341.5	294.1	244.0	185.7	109.0
-10°	604.3	542.9	502.9	463.8	421.2	378.3	336.2	289.9	240.5	185.5	109.9
-12.5°	587.9	532.2	493.2	454.7	413.6	372.2	330.5	284.8	237.0	183.8	110.1
-15°	568.5	520.0	482.3	444.6	405.2	365.0	324.0	278.9	232.7	179.7	109.7
-17.5°	547.0	506.4	470.1	433.7	395.9	356.9	316.8	272.0	227.9	173.6	110.0
-20°	533.3	493.7	456.8	422.1	385.9	347.8	308.9	264.1	222.6	167.4	111.0



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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°	519.7	481.7	445.2	409.9	375.1	337.9	300.5	255.3	216.8	161.0	111.6
-25°	504.7	468.0	432.8	398.3	363.2	327.4	290.6	245.6	210.7	154.8	111.8
-27.5°	488.5	453.1	419.1	385.7	351.0	316.5	278.8	237.7	203.3	148.8	111.5
-30°	470.8	437.0	404.3	371.9	338.0	305.2	266.1	229.6	194.4	145.9	110.7
-32.5°	452.3	419.7	388.5	356.9	324.6	292.8	253.0	221.4	186.6	144.5	110.8
-35°	433.4	401.9	371.6	341.1	310.5	278.1	241.5	213.1	179.8	142.6	110.6
-37.5°	413.4	383.7	353.8	324.7	295.5	263.4	231.1	203.9	174.2	140.2	109.8
-40°	392.8	364.5	335.9	307.6	279.7	248.9	219.6	194.4	170.5	137.4	108.4
-42.5°	371.2	344.3	316.9	289.8	264.2	234.9	207.1	184.5	162.8	134.8	106.5
-45°	348.6	322.8	296.7	273.1	248.7	219.6	195.7	174.2	154.2	131.9	103.5
-47.5°	324.8	299.9	277.1	255.9	230.2	204.0	183.8	164.2	145.2	128.1	99.4
-50°	298.9	277.6	258.1	235.5	210.3	190.6	171.8	153.7	136.9	120.6	94.5
-52.5°	274.0	256.8	236.4	213.6	193.8	176.8	159.8	143.0	128.3	111.9	88.9
-55°	249.7	233.2	212.7	193.8	177.3	162.9	147.4	133.4	119.5	102.6	83.0
-57.5°	222.3	207.3	190.3	174.5	160.8	148.2	135.9	123.5	109.2	92.9	78.6
-60°	194.6	181.8	167.9	155.8	144.4	134.1	125.0	112.8	98.2	83.5	72.6
-62.5°	167.3	156.7	147.5	137.5	128.0	120.3	113.5	100.6	87.1	75.1	65.8
-65°	141.2	134.0	127.2	118.5	111.4	105.9	99.5	88.1	76.1	66.2	58.4
-67.5°	115.7	110.3	104.7	98.7	95.7	91.6	85.4	74.7	64.7	56.9	50.2
-70°	89.9	85.9	85.0	84.4	81.9	77.3	69.5	60.4	52.8	48.0	42.0
-72.5°	68.8	70.1	71.6	71.3	67.2	61.3	53.5	46.6	43.4	39.1	33.7
-75°	53.0	55.8	57.4	56.4	51.7	45.7	41.0	37.0	34.1	30.3	26.8
-77.5°	40.5	42.4	43.1	42.2	38.4	34.6	30.9	27.5	25.4	23.2	20.2
-80°	28.5	29.4	29.6	28.9	26.1	23.4	21.6	19.8	18.4	16.3	13.7
-82.5°	16.5	17.1	17.5	17.5	16.3	15.2	14.0	12.7	11.3	9.5	8.4
-85°	7.9	8.1	8.2	8.0	7.4	6.9	7.0	7.0	6.6	6.2	5.6
-87.5°	2.4	2.7	2.9	3.2	3.3	3.5	3.5	3.5	3.3	3.1	2.8
-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°	2.5	1.9	1.4	1.0	0.6	0.3	0.0
85°	5.0	3.9	2.9	2.0	1.2	0.6	0.0
82.5°	7.5	5.8	4.3	3.0	1.8	0.9	0.0
80°	10.3	7.7	5.7	3.9	2.4	1.2	0.0
77.5°	16.2	10.5	7.1	4.9	3.0	1.5	0.0
75°	21.9	15.0	8.8	5.8	3.6	1.8	0.0
72.5°	27.5	19.3	12.0	6.8	4.1	2.1	0.0
70°	33.1	23.6	15.2	7.9	4.7	2.4	0.0
67.5°	39.7	27.7	18.3	10.0	5.3	2.6	0.0
65°	46.0	32.1	21.2	12.1	5.8	2.9	0.0
62.5°	52.0	36.8	24.1	14.1	6.4	3.2	0.0
60°	57.7	41.2	26.8	16.0	6.9	3.4	0.0
57.5°	61.5	45.4	30.0	17.9	8.1	3.7	0.0
55°	64.8	49.4	33.0	19.6	9.3	4.0	0.0
52.5°	67.6	52.8	35.8	21.3	10.4	4.2	0.0
50°	69.9	54.5	38.4	22.9	11.5	4.4	0.0
47.5°	72.1	55.8	40.8	24.4	12.6	4.7	0.0
45°	75.5	56.9	43.0	26.0	13.6	4.9	0.0
42.5°	78.5	57.5	45.0	27.6	14.5	5.1	0.0
40°	80.9	57.9	46.1	29.1	15.4	5.3	0.0
37.5°	82.8	57.8	46.2	30.8	16.3	5.5	0.0
35°	84.1	58.6	46.2	32.4	17.1	5.7	0.0
32.5°	84.8	59.5	45.9	33.9	17.8	5.8	0.0
30°	84.7	60.0	45.4	35.4	18.5	6.0	0.0
27.5°	84.2	60.2	45.9	36.9	19.1	6.1	0.0
25°	83.3	60.0	46.4	38.3	19.7	6.3	0.0
22.5°	82.0	60.1	46.9	39.6	20.2	6.4	0.0
20°	80.2	61.7	47.3	40.8	20.7	6.5	0.0
17.5°	80.3	63.1	47.6	41.9	21.0	6.6	0.0
15°	81.5	64.3	47.8	43.0	21.4	6.7	0.0
12.5°	82.5	65.3	48.0	43.9	21.6	6.7	0.0
10°	83.2	66.1	48.1	44.8	21.9	6.8	0.0
7.5°	83.8	66.8	48.2	45.5	22.0	6.8	0.0
5°	84.1	67.2	48.3	46.1	22.1	6.9	0.0
2.5°	84.2	67.5	48.3	46.6	22.1	6.9	0.0
0°	84.1	67.6	48.3	46.9	22.1	6.9	0.0
-2.5°	84.2	67.5	48.3	46.6	22.1	6.9	0.0
-5°	84.1	67.2	48.3	46.1	22.1	6.9	0.0
-7.5°	83.8	66.8	48.2	45.5	22.0	6.8	0.0
-10°	83.2	66.1	48.1	44.8	21.9	6.8	0.0
-12.5°	82.5	65.3	48.0	43.9	21.6	6.7	0.0
-15°	81.5	64.3	47.8	43.0	21.4	6.7	0.0
-17.5°	80.3	63.1	47.6	41.9	21.0	6.6	0.0
-20°	80.2	61.7	47.3	40.8	20.7	6.5	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	82.0	60.1	46.9	39.6	20.2	6.4	0.0
-25°	83.3	60.0	46.4	38.3	19.7	6.3	0.0
-27.5°	84.2	60.2	45.9	36.9	19.1	6.1	0.0
-30°	84.7	60.0	45.4	35.4	18.5	6.0	0.0
-32.5°	84.8	59.5	45.9	33.9	17.8	5.8	0.0
-35°	84.1	58.6	46.2	32.4	17.1	5.7	0.0
-37.5°	82.8	57.8	46.2	30.8	16.3	5.5	0.0
-40°	80.9	57.9	46.1	29.1	15.4	5.3	0.0
-42.5°	78.5	57.5	45.0	27.6	14.5	5.1	0.0
-45°	75.5	56.9	43.0	26.0	13.6	4.9	0.0
-47.5°	72.1	55.8	40.8	24.4	12.6	4.7	0.0
-50°	69.9	54.5	38.4	22.9	11.5	4.4	0.0
-52.5°	67.6	52.8	35.8	21.3	10.4	4.2	0.0
-55°	64.8	49.4	33.0	19.6	9.3	4.0	0.0
-57.5°	61.5	45.4	30.0	17.9	8.1	3.7	0.0
-60°	57.7	41.2	26.8	16.0	6.9	3.4	0.0
-62.5°	52.0	36.8	24.1	14.1	6.4	3.2	0.0
-65°	46.0	32.1	21.2	12.1	5.8	2.9	0.0
-67.5°	39.7	27.7	18.3	10.0	5.3	2.6	0.0
-70°	33.1	23.6	15.2	7.9	4.7	2.4	0.0
-72.5°	27.5	19.3	12.0	6.8	4.1	2.1	0.0
-75°	21.9	15.0	8.8	5.8	3.6	1.8	0.0
-77.5°	16.2	10.5	7.1	4.9	3.0	1.5	0.0
-80°	10.3	7.7	5.7	3.9	2.4	1.2	0.0
-82.5°	7.5	5.8	4.3	3.0	1.8	0.9	0.0
-85°	5.0	3.9	2.9	2.0	1.2	0.6	0.0
-87.5°	2.5	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)