

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: P559140 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-930-U-MR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P559140 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-4)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA6B-930-U-MR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQUARE, MEDIUM SYMMETRICAL ROUND N4  
Light Source: (96) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

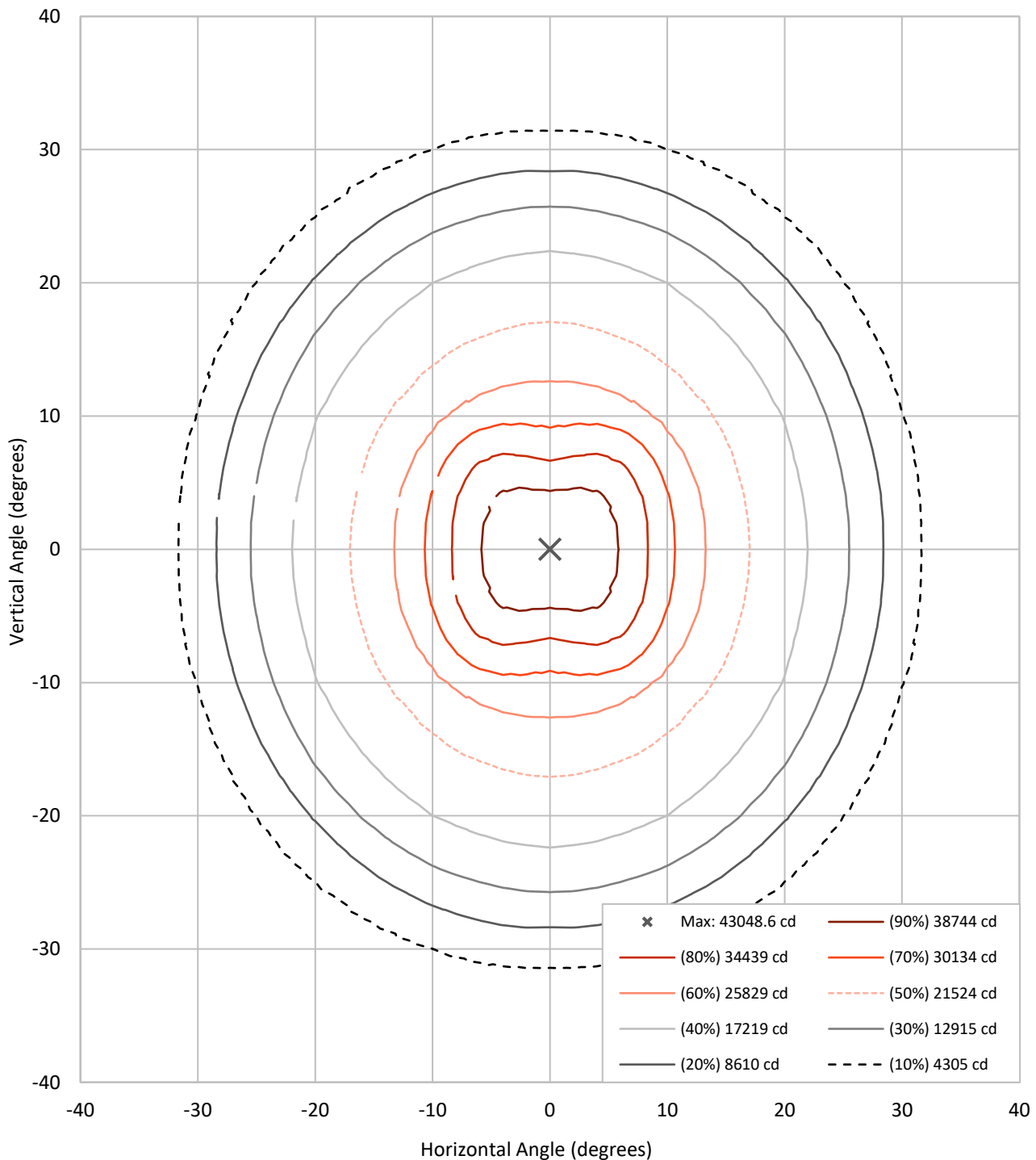
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	19043.5 lumens	Max Intensity:	43048.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	102.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	8111.3 lumens	Field Lumens:	16577.9 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 185  
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





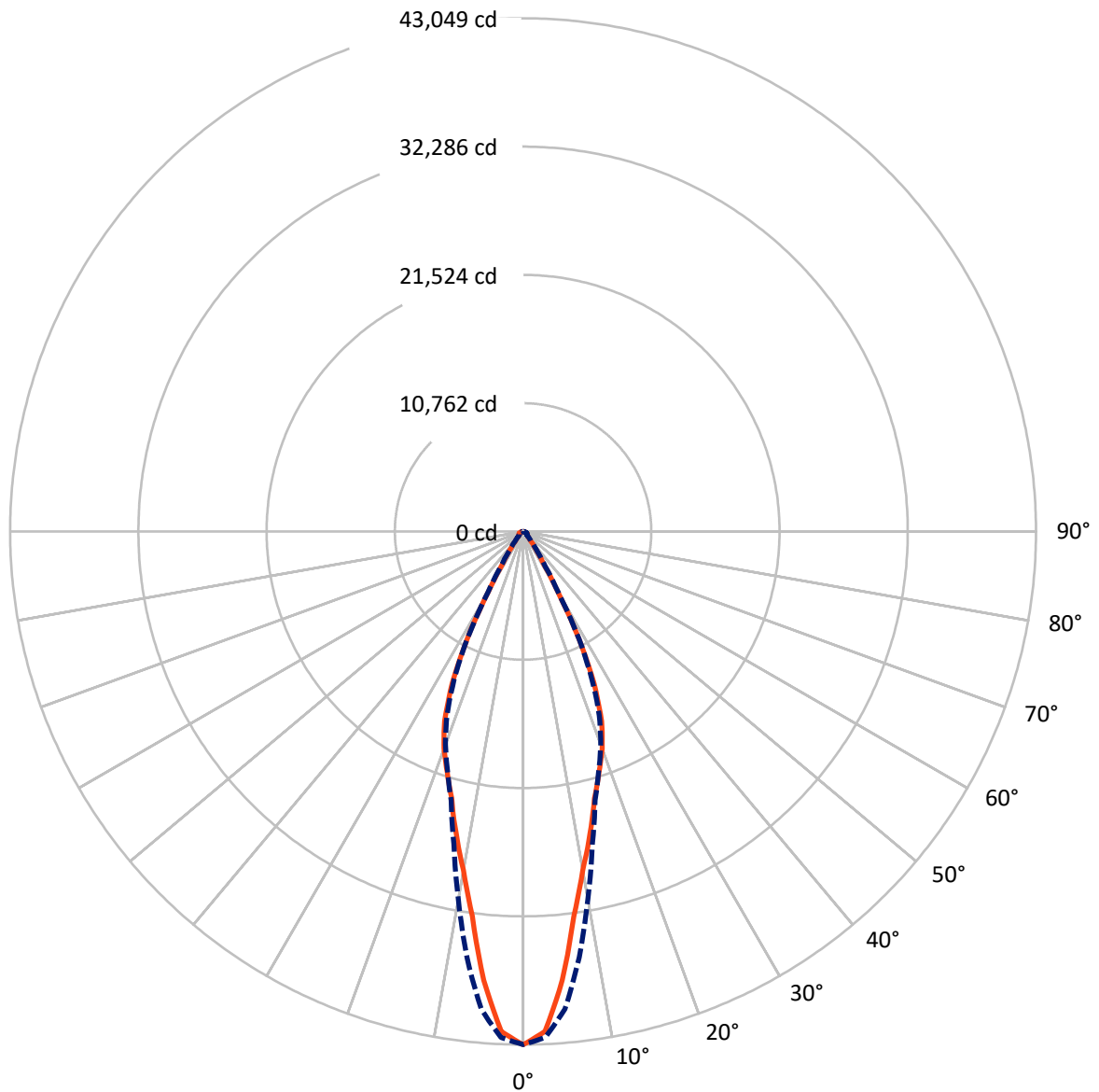
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### Lumen Table

90																			
80	0.3	2.1		5.9		9.7		11.4		9.7		5.9		2.1		0.3			
70																			
60	1.0	1.1	2.4	4.2	6.1	7.9	9.3	10.1	10.1	9.3	7.9	6.1	4.2	2.4	1.1	1.0			
50		1.8	3.9	6.7	9.2	10.4	11.0	11.3	11.3	11.0	10.4	9.2	6.7	3.9	1.8				
40	1.8	2.5	5.4	8.1	9.5	11.7	15.1	17.3	17.3	15.1	11.7	9.5	8.1	5.4	2.5	1.8			
30		3.1	6.3	8.2	12.3	24.3	46.1	70.5	70.5	46.1	24.3	12.3	8.2	6.3	3.1				
20	2.5	3.7	6.5	9.1	22.3	74.1	233.0	383.6	383.6	233.0	74.1	22.3	9.1	6.5	3.7	2.5			
10		4.0	6.5	11.3	41.6	219.6	519.0	687.4	687.4	519.0	219.6	41.6	11.3	6.5	4.0				
0	2.7	4.2	6.5	13.0	63.3	346.0	675.0	1065.2	1065.2	675.0	346.0	63.3	13.0	6.5	4.2	2.7			
-10		4.2	6.5	13.0	63.3	346.0	675.0	1065.2	1065.2	675.0	346.0	63.3	13.0	6.5	4.2				
-20	2.5	4.0	6.5	11.3	41.6	219.6	519.0	687.4	687.4	519.0	219.6	41.6	11.3	6.5	4.0	2.5			
-30		3.7	6.5	9.1	22.3	74.1	233.0	383.6	383.6	233.0	74.1	22.3	9.1	6.5	3.7				
-40	1.8	3.1	6.3	8.2	12.3	24.3	46.1	70.5	70.5	46.1	24.3	12.3	8.2	6.3	3.1	1.8			
-50		2.5	5.4	8.1	9.5	11.7	15.1	17.3	17.3	15.1	11.7	9.5	8.1	5.4	2.5				
-60	1.0	1.8	3.9	6.7	9.2	10.4	11.0	11.3	11.3	11.0	10.4	9.2	6.7	3.9	1.8	1.0			
-70		1.1	2.4	4.2	6.1	7.9	9.3	10.1	10.1	9.3	7.9	6.1	4.2	2.4	1.1				
-80																			
-90	0.3	2.1		5.9		9.7		11.4		9.7		5.9		2.1		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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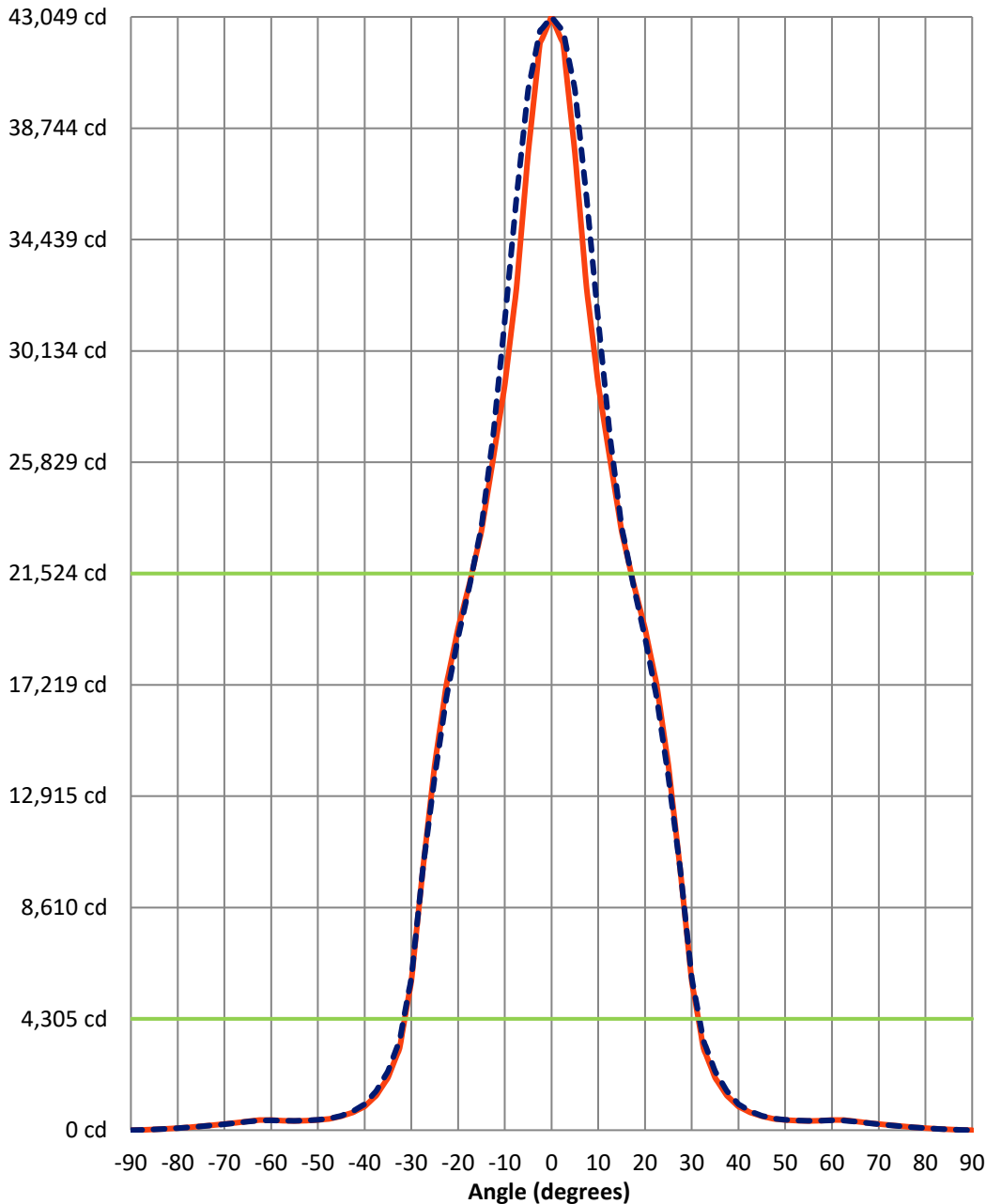
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 34°  
 V Angle: 34.1°  
 Lumens: 8111.3  
 Efficiency: 42.6%

**Field:**  
 H Angle: 63.3°  
 V Angle: 62.8°  
 Lumens: 16577.9  
 Efficiency: 87.1%

**Spill:**  
 Lumens: 2465.6  
 Efficiency: 12.9%

— 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	0.5	1.0	1.4	1.9	2.4	2.8	3.3	3.8	4.2	4.6
85°	0.0	1.0	1.9	2.9	3.8	4.8	5.7	6.6	7.5	8.4	9.3
82.5°	0.0	1.4	2.9	4.3	5.7	7.1	8.5	9.9	11.4	13.7	15.8
80°	0.0	1.9	3.8	5.7	7.6	9.5	11.6	14.9	17.9	20.8	23.5
77.5°	0.0	2.4	4.8	7.1	9.5	12.4	16.7	20.7	24.4	27.9	31.5
75°	0.0	2.8	5.7	8.5	11.6	16.5	21.7	26.4	30.9	35.6	40.5
72.5°	0.0	3.3	6.6	9.9	14.8	20.6	26.6	32.2	37.8	43.5	49.4
70°	0.0	3.8	7.5	11.4	17.9	24.6	31.5	38.1	44.6	51.3	60.0
67.5°	0.0	4.2	8.4	13.7	20.9	28.5	36.4	43.8	51.3	61.2	70.9
65°	0.0	4.6	9.3	15.9	23.9	32.5	41.3	49.5	60.0	70.9	82.5
62.5°	0.0	5.1	10.1	18.1	26.9	36.6	46.1	56.4	68.5	81.0	95.9
60°	0.0	5.5	11.0	20.2	29.7	40.7	50.9	63.7	76.8	92.8	109.0
57.5°	0.0	5.9	12.4	22.2	33.0	44.8	56.9	70.8	86.7	104.4	122.5
55°	0.0	6.3	13.7	24.2	36.3	48.8	63.0	77.8	96.7	115.8	135.8
52.5°	0.0	6.7	15.0	26.1	39.4	52.8	68.8	86.2	106.5	127.1	148.5
50°	0.0	7.1	16.3	28.0	42.5	57.6	74.5	94.4	116.0	138.0	161.9
47.5°	0.0	7.4	17.5	29.9	45.6	62.1	80.1	102.3	125.1	148.4	175.1
45°	0.0	7.8	18.7	32.1	48.5	66.5	86.5	109.7	133.9	160.0	188.1
42.5°	0.0	8.1	19.9	34.2	51.3	70.7	92.6	117.0	142.4	171.3	201.4
40°	0.0	8.4	21.0	36.3	54.3	74.8	98.3	124.1	151.0	182.3	214.2
37.5°	0.0	8.7	22.1	38.2	57.4	78.6	103.7	130.9	160.3	192.8	226.5
35°	0.0	9.0	23.1	40.0	60.3	82.6	108.7	137.4	168.9	203.1	238.3
32.5°	0.0	9.3	24.1	41.7	63.0	86.6	113.5	143.5	177.1	212.8	249.6
30°	0.0	9.5	25.0	43.3	65.5	90.2	118.4	149.5	184.6	221.8	260.2
27.5°	0.0	9.8	25.8	44.7	67.7	93.6	122.9	155.6	191.7	230.2	270.0
25°	0.0	10.0	26.6	46.0	69.7	96.6	127.1	161.2	198.5	238.2	279.1
22.5°	0.0	10.2	27.4	47.1	71.5	99.3	131.0	166.2	204.8	245.5	288.2
20°	0.0	10.3	28.0	48.1	73.1	101.6	134.4	170.8	210.3	252.1	296.3
17.5°	0.0	10.5	28.7	48.9	74.5	103.7	137.5	174.7	215.3	258.0	303.4
15°	0.0	10.6	29.2	49.6	75.7	105.4	140.2	178.2	219.5	263.1	309.6
12.5°	0.0	10.7	29.7	50.2	76.7	106.8	142.5	181.2	223.1	267.4	314.7
10°	0.0	10.8	30.1	50.6	77.5	108.0	144.4	183.7	225.9	271.2	319.3
7.5°	0.0	10.9	30.4	50.9	78.0	108.8	145.9	185.6	228.0	274.5	323.9
5°	0.0	11.0	30.7	51.1	78.4	109.4	147.0	187.0	229.4	276.9	327.7
2.5°	0.0	11.0	30.9	51.2	78.6	109.6	147.7	187.8	230.1	278.6	330.5
0°	0.0	11.0	31.0	51.1	78.5	109.6	147.9	188.1	230.1	279.4	332.3
-2.5°	0.0	11.0	30.9	51.2	78.6	109.6	147.7	187.8	230.1	278.6	330.5
-5°	0.0	11.0	30.7	51.1	78.4	109.4	147.0	187.0	229.4	276.9	327.7
-7.5°	0.0	10.9	30.4	50.9	78.0	108.8	145.9	185.6	228.0	274.5	323.9
-10°	0.0	10.8	30.1	50.6	77.5	108.0	144.4	183.7	225.9	271.2	319.3
-12.5°	0.0	10.7	29.7	50.2	76.7	106.8	142.5	181.2	223.1	267.4	314.7
-15°	0.0	10.6	29.2	49.6	75.7	105.4	140.2	178.2	219.5	263.1	309.6
-17.5°	0.0	10.5	28.7	48.9	74.5	103.7	137.5	174.7	215.3	258.0	303.4
-20°	0.0	10.3	28.0	48.1	73.1	101.6	134.4	170.8	210.3	252.1	296.3



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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	10.2	27.4	47.1	71.5	99.3	131.0	166.2	204.8	245.5	288.2
-25°	0.0	10.0	26.6	46.0	69.7	96.6	127.1	161.2	198.5	238.2	279.1
-27.5°	0.0	9.8	25.8	44.7	67.7	93.6	122.9	155.6	191.7	230.2	270.0
-30°	0.0	9.5	25.0	43.3	65.5	90.2	118.4	149.5	184.6	221.8	260.2
-32.5°	0.0	9.3	24.1	41.7	63.0	86.6	113.5	143.5	177.1	212.8	249.6
-35°	0.0	9.0	23.1	40.0	60.3	82.6	108.7	137.4	168.9	203.1	238.3
-37.5°	0.0	8.7	22.1	38.2	57.4	78.6	103.7	130.9	160.3	192.8	226.5
-40°	0.0	8.4	21.0	36.3	54.3	74.8	98.3	124.1	151.0	182.3	214.2
-42.5°	0.0	8.1	19.9	34.2	51.3	70.7	92.6	117.0	142.4	171.3	201.4
-45°	0.0	7.8	18.7	32.1	48.5	66.5	86.5	109.7	133.9	160.0	188.1
-47.5°	0.0	7.4	17.5	29.9	45.6	62.1	80.1	102.3	125.1	148.4	175.1
-50°	0.0	7.1	16.3	28.0	42.5	57.6	74.5	94.4	116.0	138.0	161.9
-52.5°	0.0	6.7	15.0	26.1	39.4	52.8	68.8	86.2	106.5	127.1	148.5
-55°	0.0	6.3	13.7	24.2	36.3	48.8	63.0	77.8	96.7	115.8	135.8
-57.5°	0.0	5.9	12.4	22.2	33.0	44.8	56.9	70.8	86.7	104.4	122.5
-60°	0.0	5.5	11.0	20.2	29.7	40.7	50.9	63.7	76.8	92.8	109.0
-62.5°	0.0	5.1	10.1	18.1	26.9	36.6	46.1	56.4	68.5	81.0	95.9
-65°	0.0	4.6	9.3	15.9	23.9	32.5	41.3	49.5	60.0	70.9	82.5
-67.5°	0.0	4.2	8.4	13.7	20.9	28.5	36.4	43.8	51.3	61.2	70.9
-70°	0.0	3.8	7.5	11.4	17.9	24.6	31.5	38.1	44.6	51.3	60.0
-72.5°	0.0	3.3	6.6	9.9	14.8	20.6	26.6	32.2	37.8	43.5	49.4
-75°	0.0	2.8	5.7	8.5	11.6	16.5	21.7	26.4	30.9	35.6	40.5
-77.5°	0.0	2.4	4.8	7.1	9.5	12.4	16.7	20.7	24.4	27.9	31.5
-80°	0.0	1.9	3.8	5.7	7.6	9.5	11.6	14.9	17.9	20.8	23.5
-82.5°	0.0	1.4	2.9	4.3	5.7	7.1	8.5	9.9	11.4	13.7	15.8
-85°	0.0	1.0	1.9	2.9	3.8	4.8	5.7	6.6	7.5	8.4	9.3
-87.5°	0.0	0.5	1.0	1.4	1.9	2.4	2.8	3.3	3.8	4.2	4.6
-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°	5.1	5.5	5.9	6.3	6.7	7.1	7.4	7.8	8.1	8.4	8.7
85°	10.1	11.0	12.3	13.7	14.8	15.9	16.9	17.8	18.8	19.7	20.6
82.5°	18.0	20.0	22.1	24.1	25.6	27.0	28.5	30.5	32.7	35.0	37.1
80°	26.3	29.1	32.5	36.0	39.2	42.3	45.3	48.4	51.5	54.7	58.0
77.5°	35.8	40.2	44.8	49.4	53.8	59.0	64.1	69.1	73.6	77.7	81.4
75°	45.8	51.3	58.0	64.9	71.5	77.9	84.3	91.4	97.6	103.2	108.5
72.5°	56.7	64.7	72.8	80.9	90.0	98.8	107.2	115.4	122.8	129.8	136.8
70°	68.8	78.1	88.9	99.8	110.3	120.4	130.1	139.3	148.0	157.2	166.9
67.5°	81.2	93.9	106.4	118.8	131.1	142.5	153.2	165.0	176.8	188.3	199.3
65°	96.0	110.0	124.4	138.6	152.0	165.8	179.5	193.0	206.8	219.9	232.2
62.5°	110.6	126.9	142.9	158.5	174.5	190.1	206.2	222.1	237.3	253.3	268.6
60°	126.1	143.9	161.4	179.0	197.0	215.6	233.5	252.2	270.9	288.9	306.3
57.5°	141.5	160.8	179.9	199.8	220.7	241.3	262.5	283.4	304.9	325.4	343.3
55°	156.5	177.2	198.7	221.6	244.6	268.2	291.9	316.2	339.3	356.6	372.9
52.5°	171.5	193.8	218.5	243.3	268.9	295.4	322.9	346.4	365.7	380.4	384.0
50°	186.2	211.8	237.8	265.1	293.4	323.3	349.7	370.9	381.8	385.9	383.7
47.5°	201.8	229.2	257.2	286.7	318.2	346.9	371.8	382.6	387.7	382.1	375.2
45°	217.2	246.6	276.3	308.6	340.1	367.2	381.2	388.9	381.9	375.2	370.4
42.5°	232.0	263.5	296.0	329.3	358.6	377.8	386.6	382.2	376.2	371.1	372.8
40°	246.8	279.8	315.4	346.7	373.1	382.9	381.4	375.9	372.5	374.7	382.2
37.5°	260.9	296.9	333.2	363.5	377.8	381.7	375.2	371.7	374.3	382.9	399.4
35°	274.4	313.3	347.9	373.3	382.8	376.1	371.4	370.8	380.6	398.2	422.6
32.5°	288.0	328.9	361.6	377.5	379.1	371.6	368.1	376.4	391.9	415.0	456.1
30°	301.2	340.9	371.8	381.4	374.8	369.0	371.0	383.1	404.0	442.5	509.0
27.5°	313.3	351.8	375.0	379.6	371.0	366.2	375.3	393.5	423.9	475.2	570.1
25°	324.3	361.7	377.9	376.1	368.6	368.0	380.3	402.8	444.7	527.7	657.7
22.5°	333.3	370.8	380.6	372.9	366.1	371.0	388.2	419.3	475.4	577.2	749.1
20°	340.7	373.0	380.1	369.8	363.7	373.3	395.2	435.6	516.8	654.6	852.1
17.5°	347.4	375.0	377.5	367.8	365.1	377.2	402.5	450.0	553.6	721.1	950.9
15°	353.4	376.7	375.0	366.0	366.9	382.3	414.3	477.4	597.7	783.8	1039.7
12.5°	358.5	378.2	372.7	364.6	368.2	386.6	424.4	502.3	641.3	851.9	1182.1
10°	362.8	379.4	370.6	363.3	369.1	390.0	432.6	522.0	674.7	909.6	1301.6
7.5°	366.7	380.4	368.8	362.4	369.6	392.5	438.9	536.4	698.6	955.9	1391.0
5°	369.7	381.1	367.8	361.9	370.9	395.2	443.5	545.7	713.2	989.7	1450.8
2.5°	371.6	381.5	367.2	361.7	372.7	398.9	447.4	553.7	726.1	1006.3	1493.4
0°	372.5	381.6	367.0	361.6	374.3	401.7	449.2	556.9	732.2	1006.1	1519.3
-2.5°	371.6	381.5	367.2	361.7	372.7	398.9	447.4	553.7	726.1	1006.3	1493.4
-5°	369.7	381.1	367.8	361.9	370.9	395.2	443.5	545.7	713.2	989.7	1450.8
-7.5°	366.7	380.4	368.8	362.4	369.6	392.5	438.9	536.4	698.6	955.9	1391.0
-10°	362.8	379.4	370.6	363.3	369.1	390.0	432.6	522.0	674.7	909.6	1301.6
-12.5°	358.5	378.2	372.7	364.6	368.2	386.6	424.4	502.3	641.3	851.9	1182.1
-15°	353.4	376.7	375.0	366.0	366.9	382.3	414.3	477.4	597.7	783.8	1039.7
-17.5°	347.4	375.0	377.5	367.8	365.1	377.2	402.5	450.0	553.6	721.1	950.9
-20°	340.7	373.0	380.1	369.8	363.7	373.3	395.2	435.6	516.8	654.6	852.1



REPORT NUMBER: P559140 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-930-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	333.3	370.8	380.6	372.9	366.1	371.0	388.2	419.3	475.4	577.2	749.1
-25°	324.3	361.7	377.9	376.1	368.6	368.0	380.3	402.8	444.7	527.7	657.7
-27.5°	313.3	351.8	375.0	379.6	371.0	366.2	375.3	393.5	423.9	475.2	570.1
-30°	301.2	340.9	371.8	381.4	374.8	369.0	371.0	383.1	404.0	442.5	509.0
-32.5°	288.0	328.9	361.6	377.5	379.1	371.6	368.1	376.4	391.9	415.0	456.1
-35°	274.4	313.3	347.9	373.3	382.8	376.1	371.4	370.8	380.6	398.2	422.6
-37.5°	260.9	296.9	333.2	363.5	377.8	381.7	375.2	371.7	374.3	382.9	399.4
-40°	246.8	279.8	315.4	346.7	373.1	382.9	381.4	375.9	372.5	374.7	382.2
-42.5°	232.0	263.5	296.0	329.3	358.6	377.8	386.6	382.2	376.2	371.1	372.8
-45°	217.2	246.6	276.3	308.6	340.1	367.2	381.2	388.9	381.9	375.2	370.4
-47.5°	201.8	229.2	257.2	286.7	318.2	346.9	371.8	382.6	387.7	382.1	375.2
-50°	186.2	211.8	237.8	265.1	293.4	323.3	349.7	370.9	381.8	385.9	383.7
-52.5°	171.5	193.8	218.5	243.3	268.9	295.4	322.9	346.4	365.7	380.4	384.0
-55°	156.5	177.2	198.7	221.6	244.6	268.2	291.9	316.2	339.3	356.6	372.9
-57.5°	141.5	160.8	179.9	199.8	220.7	241.3	262.5	283.4	304.9	325.4	343.3
-60°	126.1	143.9	161.4	179.0	197.0	215.6	233.5	252.2	270.9	288.9	306.3
-62.5°	110.6	126.9	142.9	158.5	174.5	190.1	206.2	222.1	237.3	253.3	268.6
-65°	96.0	110.0	124.4	138.6	152.0	165.8	179.5	193.0	206.8	219.9	232.2
-67.5°	81.2	93.9	106.4	118.8	131.1	142.5	153.2	165.0	176.8	188.3	199.3
-70°	68.8	78.1	88.9	99.8	110.3	120.4	130.1	139.3	148.0	157.2	166.9
-72.5°	56.7	64.7	72.8	80.9	90.0	98.8	107.2	115.4	122.8	129.8	136.8
-75°	45.8	51.3	58.0	64.9	71.5	77.9	84.3	91.4	97.6	103.2	108.5
-77.5°	35.8	40.2	44.8	49.4	53.8	59.0	64.1	69.1	73.6	77.7	81.4
-80°	26.3	29.1	32.5	36.0	39.2	42.3	45.3	48.4	51.5	54.7	58.0
-82.5°	18.0	20.0	22.1	24.1	25.6	27.0	28.5	30.5	32.7	35.0	37.1
-85°	10.1	11.0	12.3	13.7	14.8	15.9	16.9	17.8	18.8	19.7	20.6
-87.5°	5.1	5.5	5.9	6.3	6.7	7.1	7.4	7.8	8.1	8.4	8.7
-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: P559140 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-930-U-MR-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°	9.0	8.9	8.7	8.5	8.3	8.4	8.6	8.7	8.8	9.3	9.9
85°	21.5	22.4	23.4	24.4	25.4	26.1	26.8	27.3	27.8	28.3	28.6
82.5°	39.1	41.1	43.0	44.7	46.3	47.5	48.7	49.7	50.6	51.3	51.9
80°	60.9	63.6	66.0	68.2	70.0	71.6	73.0	74.1	75.0	76.8	78.6
77.5°	85.3	89.0	92.5	95.7	98.6	101.5	104.1	106.5	108.7	110.4	111.5
75°	113.5	118.3	123.1	127.5	131.5	135.7	139.7	143.4	146.7	149.0	150.6
72.5°	143.8	150.2	156.1	161.7	166.8	171.8	176.9	181.4	185.4	188.5	190.9
70°	176.2	184.6	191.5	197.9	204.2	210.5	216.7	222.1	226.7	230.6	233.7
67.5°	209.8	219.5	228.1	236.4	244.8	252.7	260.2	267.2	273.5	278.4	281.6
65°	244.2	256.6	267.9	278.2	287.5	296.4	305.8	314.4	322.2	328.6	333.6
62.5°	283.1	297.1	309.9	321.4	331.8	340.1	349.0	357.1	364.4	371.1	377.9
60°	322.8	338.4	349.7	359.5	368.5	376.5	379.5	382.5	384.9	387.1	389.7
57.5°	357.5	370.9	380.6	382.8	384.8	386.5	385.4	382.3	379.0	375.8	373.2
55°	381.7	385.5	389.8	386.5	381.1	376.1	371.7	368.7	365.8	363.2	361.0
52.5°	388.1	384.4	379.9	375.0	371.3	367.5	363.7	364.3	365.5	366.4	366.9
50°	378.7	374.3	371.9	369.2	369.6	371.5	373.0	376.6	381.1	384.3	387.0
47.5°	371.4	368.6	372.2	376.8	381.1	389.0	395.9	402.8	413.4	421.8	428.5
45°	369.4	376.3	383.4	394.8	404.7	422.0	438.3	451.8	477.1	500.2	518.3
42.5°	379.8	391.7	404.7	426.7	450.5	481.1	520.3	553.5	592.3	628.5	654.8
40°	397.0	414.5	443.8	479.3	534.9	584.4	649.3	704.9	757.1	812.4	854.0
37.5°	421.8	454.5	509.2	573.0	657.4	738.4	828.0	914.9	989.0	1101.1	1188.8
35°	458.6	524.8	602.5	709.0	819.2	943.5	1074.4	1243.1	1391.6	1565.9	1729.7
32.5°	525.7	615.3	737.0	881.1	1027.6	1242.0	1444.2	1718.3	1964.6	2272.0	2602.5
30°	604.2	737.9	901.4	1089.6	1354.8	1649.8	1982.3	2402.7	2902.2	3497.0	4295.1
27.5°	712.3	884.0	1089.7	1394.8	1771.1	2166.3	2755.9	3462.5	4750.3	5872.5	7359.9
25°	828.8	1038.4	1363.8	1773.8	2269.0	2980.7	4133.3	5603.6	7686.4	9677.9	11269.9
22.5°	963.0	1269.4	1680.1	2190.3	2991.8	4369.6	6159.1	8748.6	11071.1	13079.7	14626.6
20°	1111.7	1496.0	2047.9	2827.6	4192.4	6210.4	9083.2	11740.7	14112.8	15842.0	17208.7
17.5°	1304.2	1806.2	2506.4	3582.5	5677.2	8786.8	11748.4	14375.1	16439.1	17958.2	19169.8
15°	1483.9	2091.8	2999.3	4835.2	7694.3	11017.7	14053.5	16396.7	18182.7	19596.4	20685.8
12.5°	1696.1	2412.6	3575.3	5917.5	9549.0	12858.3	15690.1	17878.2	19598.1	20923.2	22383.2
10°	1885.1	2757.7	4400.8	7359.7	11072.2	14304.9	17054.8	19021.2	20745.9	22472.7	24662.0
7.5°	2041.0	3047.4	5077.7	8576.6	12241.6	15374.9	17880.1	19844.9	21745.7	24052.0	27209.7
5°	2164.9	3265.8	5634.6	9495.3	13091.8	16138.6	18510.4	20502.0	22649.0	25734.2	29971.8
2.5°	2247.8	3408.9	5982.7	10050.3	13628.1	16576.6	18977.6	20931.8	23182.8	26676.0	31103.2
0°	2280.7	3474.9	5894.4	10150.9	13660.5	16719.1	19047.3	21092.5	23334.8	26833.5	31310.9
-2.5°	2247.8	3408.9	5982.7	10050.3	13628.1	16576.6	18977.6	20931.8	23182.8	26676.0	31103.2
-5°	2164.9	3265.8	5634.6	9495.3	13091.8	16138.6	18510.4	20502.0	22649.0	25734.2	29971.8
-7.5°	2041.0	3047.4	5077.7	8576.6	12241.6	15374.9	17880.1	19844.9	21745.7	24052.0	27209.7
-10°	1885.1	2757.7	4400.8	7359.7	11072.2	14304.9	17054.8	19021.2	20745.9	22472.7	24662.0
-12.5°	1696.1	2412.6	3575.3	5917.5	9549.0	12858.3	15690.1	17878.2	19598.1	20923.2	22383.2
-15°	1483.9	2091.8	2999.3	4835.2	7694.3	11017.7	14053.5	16396.7	18182.7	19596.4	20685.8
-17.5°	1304.2	1806.2	2506.4	3582.5	5677.2	8786.8	11748.4	14375.1	16439.1	17958.2	19169.8
-20°	1111.7	1496.0	2047.9	2827.6	4192.4	6210.4	9083.2	11740.7	14112.8	15842.0	17208.7



REPORT NUMBER: P559140 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-930-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	963.0	1269.4	1680.1	2190.3	2991.8	4369.6	6159.1	8748.6	11071.1	13079.7	14626.6
-25°	828.8	1038.4	1363.8	1773.8	2269.0	2980.7	4133.3	5603.6	7686.4	9677.9	11269.9
-27.5°	712.3	884.0	1089.7	1394.8	1771.1	2166.3	2755.9	3462.5	4750.3	5872.5	7359.9
-30°	604.2	737.9	901.4	1089.6	1354.8	1649.8	1982.3	2402.7	2902.2	3497.0	4295.1
-32.5°	525.7	615.3	737.0	881.1	1027.6	1242.0	1444.2	1718.3	1964.6	2272.0	2602.5
-35°	458.6	524.8	602.5	709.0	819.2	943.5	1074.4	1243.1	1391.6	1565.9	1729.7
-37.5°	421.8	454.5	509.2	573.0	657.4	738.4	828.0	914.9	989.0	1101.1	1188.8
-40°	397.0	414.5	443.8	479.3	534.9	584.4	649.3	704.9	757.1	812.4	854.0
-42.5°	379.8	391.7	404.7	426.7	450.5	481.1	520.3	553.5	592.3	628.5	654.8
-45°	369.4	376.3	383.4	394.8	404.7	422.0	438.3	451.8	477.1	500.2	518.3
-47.5°	371.4	368.6	372.2	376.8	381.1	389.0	395.9	402.8	413.4	421.8	428.5
-50°	378.7	374.3	371.9	369.2	369.6	371.5	373.0	376.6	381.1	384.3	387.0
-52.5°	388.1	384.4	379.9	375.0	371.3	367.5	363.7	364.3	365.5	366.4	366.9
-55°	381.7	385.5	389.8	386.5	381.1	376.1	371.7	368.7	365.8	363.2	361.0
-57.5°	357.5	370.9	380.6	382.8	384.8	386.5	385.4	382.3	379.0	375.8	373.2
-60°	322.8	338.4	349.7	359.5	368.5	376.5	379.5	382.5	384.9	387.1	389.7
-62.5°	283.1	297.1	309.9	321.4	331.8	340.1	349.0	357.1	364.4	371.1	377.9
-65°	244.2	256.6	267.9	278.2	287.5	296.4	305.8	314.4	322.2	328.6	333.6
-67.5°	209.8	219.5	228.1	236.4	244.8	252.7	260.2	267.2	273.5	278.4	281.6
-70°	176.2	184.6	191.5	197.9	204.2	210.5	216.7	222.1	226.7	230.6	233.7
-72.5°	143.8	150.2	156.1	161.7	166.8	171.8	176.9	181.4	185.4	188.5	190.9
-75°	113.5	118.3	123.1	127.5	131.5	135.7	139.7	143.4	146.7	149.0	150.6
-77.5°	85.3	89.0	92.5	95.7	98.6	101.5	104.1	106.5	108.7	110.4	111.5
-80°	60.9	63.6	66.0	68.2	70.0	71.6	73.0	74.1	75.0	76.8	78.6
-82.5°	39.1	41.1	43.0	44.7	46.3	47.5	48.7	49.7	50.6	51.3	51.9
-85°	21.5	22.4	23.4	24.4	25.4	26.1	26.8	27.3	27.8	28.3	28.6
-87.5°	9.0	8.9	8.7	8.5	8.3	8.4	8.6	8.7	8.8	9.3	9.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559140 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-930-U-MR-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°	10.4	11.0	11.0	11.0	11.0	11.0	10.4	9.9	9.3	8.8	8.7
85°	28.9	29.1	30.1	31.0	30.1	29.1	28.9	28.6	28.3	27.8	27.3
82.5°	52.4	52.7	52.9	53.0	52.9	52.7	52.4	51.9	51.3	50.6	49.7
80°	80.3	81.7	81.2	80.3	81.2	81.7	80.3	78.6	76.8	75.0	74.1
77.5°	112.3	112.6	112.2	111.4	112.2	112.6	112.3	111.5	110.4	108.7	106.5
75°	151.8	152.5	153.2	153.4	153.2	152.5	151.8	150.6	149.0	146.7	143.4
72.5°	192.8	194.2	194.3	193.6	194.3	194.2	192.8	190.9	188.5	185.4	181.4
70°	236.1	237.8	238.8	239.2	238.8	237.8	236.1	233.7	230.6	226.7	222.1
67.5°	283.9	285.1	286.3	286.7	286.3	285.1	283.9	281.6	278.4	273.5	267.2
65°	337.7	340.9	341.9	341.5	341.9	340.9	337.7	333.6	328.6	322.2	314.4
62.5°	384.1	389.7	392.0	392.6	392.0	389.7	384.1	377.9	371.1	364.4	357.1
60°	392.0	393.9	394.4	394.4	394.4	393.9	392.0	389.7	387.1	384.9	382.5
57.5°	370.8	368.7	367.4	367.0	367.4	368.7	370.8	373.2	375.8	379.0	382.3
55°	359.0	357.1	356.3	356.1	356.3	357.1	359.0	361.0	363.2	365.8	368.7
52.5°	367.0	366.7	367.5	368.9	367.5	366.7	367.0	366.9	366.4	365.5	364.3
50°	389.4	391.0	392.8	394.4	392.8	391.0	389.4	387.0	384.3	381.1	376.6
47.5°	433.3	435.8	437.3	438.2	437.3	435.8	433.3	428.5	421.8	413.4	402.8
45°	530.1	536.5	539.5	540.5	539.5	536.5	530.1	518.3	500.2	477.1	451.8
42.5°	672.1	681.7	685.8	686.6	685.8	681.7	672.1	654.8	628.5	592.3	553.5
40°	883.8	900.8	908.9	914.8	908.9	900.8	883.8	854.0	812.4	757.1	704.9
37.5°	1254.5	1297.1	1321.3	1342.1	1321.3	1297.1	1254.5	1188.8	1101.1	989.0	914.9
35°	1862.9	1960.6	2018.1	2030.5	2018.1	1960.6	1862.9	1729.7	1565.9	1391.6	1243.1
32.5°	2857.0	3048.5	3163.0	3177.3	3163.0	3048.5	2857.0	2602.5	2272.0	1964.6	1718.3
30°	4914.7	5451.3	5819.0	5768.4	5819.0	5451.3	4914.7	4295.1	3497.0	2902.2	2402.7
27.5°	8578.3	9551.3	10183.4	10130.8	10183.4	9551.3	8578.3	7359.9	5872.5	4750.3	3462.5
25°	12493.9	13389.5	13918.2	14113.4	13918.2	13389.5	12493.9	11269.9	9677.9	7686.4	5603.6
22.5°	15691.4	16492.1	16949.4	17223.1	16949.4	16492.1	15691.4	14626.6	13079.7	11071.1	8748.6
20°	18141.2	18835.6	19229.0	19397.9	19229.0	18835.6	18141.2	17208.7	15842.0	14112.8	11740.7
17.5°	20026.0	20607.3	21052.7	21167.3	21052.7	20607.3	20026.0	19169.8	17958.2	16439.1	14375.1
15°	21693.2	22444.0	22969.2	23165.0	22969.2	22444.0	21693.2	20685.8	19596.4	18182.7	16396.7
12.5°	23795.4	25101.0	25795.2	25955.2	25795.2	25101.0	23795.4	22383.2	20923.2	19598.1	17878.2
10°	26902.6	28909.6	29137.0	28825.7	29137.0	28909.6	26902.6	24662.0	22472.7	20745.9	19021.2
7.5°	31428.0	34104.1	33525.5	32561.8	33525.5	34104.1	31428.0	27209.7	24052.0	21745.7	19844.9
5°	34666.5	38381.9	38497.3	37789.7	38497.3	38381.9	34666.5	29971.8	25734.2	22649.0	20502.0
2.5°	35955.7	39780.4	41684.0	41996.0	41684.0	39780.4	35955.7	31103.2	26676.0	23182.8	20931.8
0°	36052.2	40231.1	42488.0	43048.6	42488.0	40231.1	36052.2	31310.9	26833.5	23334.8	21092.5
-2.5°	35955.7	39780.4	41684.0	41996.0	41684.0	39780.4	35955.7	31103.2	26676.0	23182.8	20931.8
-5°	34666.5	38381.9	38497.3	37789.7	38497.3	38381.9	34666.5	29971.8	25734.2	22649.0	20502.0
-7.5°	31428.0	34104.1	33525.5	32561.8	33525.5	34104.1	31428.0	27209.7	24052.0	21745.7	19844.9
-10°	26902.6	28909.6	29137.0	28825.7	29137.0	28909.6	26902.6	24662.0	22472.7	20745.9	19021.2
-12.5°	23795.4	25101.0	25795.2	25955.2	25795.2	25101.0	23795.4	22383.2	20923.2	19598.1	17878.2
-15°	21693.2	22444.0	22969.2	23165.0	22969.2	22444.0	21693.2	20685.8	19596.4	18182.7	16396.7
-17.5°	20026.0	20607.3	21052.7	21167.3	21052.7	20607.3	20026.0	19169.8	17958.2	16439.1	14375.1
-20°	18141.2	18835.6	19229.0	19397.9	19229.0	18835.6	18141.2	17208.7	15842.0	14112.8	11740.7



REPORT NUMBER: P559140 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-930-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	15691.4	16492.1	16949.4	17223.1	16949.4	16492.1	15691.4	14626.6	13079.7	11071.1	8748.6
-25°	12493.9	13389.5	13918.2	14113.4	13918.2	13389.5	12493.9	11269.9	9677.9	7686.4	5603.6
-27.5°	8578.3	9551.3	10183.4	10130.8	10183.4	9551.3	8578.3	7359.9	5872.5	4750.3	3462.5
-30°	4914.7	5451.3	5819.0	5768.4	5819.0	5451.3	4914.7	4295.1	3497.0	2902.2	2402.7
-32.5°	2857.0	3048.5	3163.0	3177.3	3163.0	3048.5	2857.0	2602.5	2272.0	1964.6	1718.3
-35°	1862.9	1960.6	2018.1	2030.5	2018.1	1960.6	1862.9	1729.7	1565.9	1391.6	1243.1
-37.5°	1254.5	1297.1	1321.3	1342.1	1321.3	1297.1	1254.5	1188.8	1101.1	989.0	914.9
-40°	883.8	900.8	908.9	914.8	908.9	900.8	883.8	854.0	812.4	757.1	704.9
-42.5°	672.1	681.7	685.8	686.6	685.8	681.7	672.1	654.8	628.5	592.3	553.5
-45°	530.1	536.5	539.5	540.5	539.5	536.5	530.1	518.3	500.2	477.1	451.8
-47.5°	433.3	435.8	437.3	438.2	437.3	435.8	433.3	428.5	421.8	413.4	402.8
-50°	389.4	391.0	392.8	394.4	392.8	391.0	389.4	387.0	384.3	381.1	376.6
-52.5°	367.0	366.7	367.5	368.9	367.5	366.7	367.0	366.9	366.4	365.5	364.3
-55°	359.0	357.1	356.3	356.1	356.3	357.1	359.0	361.0	363.2	365.8	368.7
-57.5°	370.8	368.7	367.4	367.0	367.4	368.7	370.8	373.2	375.8	379.0	382.3
-60°	392.0	393.9	394.4	394.4	394.4	393.9	392.0	389.7	387.1	384.9	382.5
-62.5°	384.1	389.7	392.0	392.6	392.0	389.7	384.1	377.9	371.1	364.4	357.1
-65°	337.7	340.9	341.9	341.5	341.9	340.9	337.7	333.6	328.6	322.2	314.4
-67.5°	283.9	285.1	286.3	286.7	286.3	285.1	283.9	281.6	278.4	273.5	267.2
-70°	236.1	237.8	238.8	239.2	238.8	237.8	236.1	233.7	230.6	226.7	222.1
-72.5°	192.8	194.2	194.3	193.6	194.3	194.2	192.8	190.9	188.5	185.4	181.4
-75°	151.8	152.5	153.2	153.4	153.2	152.5	151.8	150.6	149.0	146.7	143.4
-77.5°	112.3	112.6	112.2	111.4	112.2	112.6	112.3	111.5	110.4	108.7	106.5
-80°	80.3	81.7	81.2	80.3	81.2	81.7	80.3	78.6	76.8	75.0	74.1
-82.5°	52.4	52.7	52.9	53.0	52.9	52.7	52.4	51.9	51.3	50.6	49.7
-85°	28.9	29.1	30.1	31.0	30.1	29.1	28.9	28.6	28.3	27.8	27.3
-87.5°	10.4	11.0	11.0	11.0	11.0	11.0	10.4	9.9	9.3	8.8	8.7
-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: P559140 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6B-930-U-MR-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°	8.6	8.4	8.3	8.5	8.7	8.9	9.0	8.7	8.4	8.1	7.8
85°	26.8	26.1	25.4	24.4	23.4	22.4	21.5	20.6	19.7	18.8	17.8
82.5°	48.7	47.5	46.3	44.7	43.0	41.1	39.1	37.1	35.0	32.7	30.5
80°	73.0	71.6	70.0	68.2	66.0	63.6	60.9	58.0	54.7	51.5	48.4
77.5°	104.1	101.5	98.6	95.7	92.5	89.0	85.3	81.4	77.7	73.6	69.1
75°	139.7	135.7	131.5	127.5	123.1	118.3	113.5	108.5	103.2	97.6	91.4
72.5°	176.9	171.8	166.8	161.7	156.1	150.2	143.8	136.8	129.8	122.8	115.4
70°	216.7	210.5	204.2	197.9	191.5	184.6	176.2	166.9	157.2	148.0	139.3
67.5°	260.2	252.7	244.8	236.4	228.1	219.5	209.8	199.3	188.3	176.8	165.0
65°	305.8	296.4	287.5	278.2	267.9	256.6	244.2	232.2	219.9	206.8	193.0
62.5°	349.0	340.1	331.8	321.4	309.9	297.1	283.1	268.6	253.3	237.3	222.1
60°	379.5	376.5	368.5	359.5	349.7	338.4	322.8	306.3	288.9	270.9	252.2
57.5°	385.4	386.5	384.8	382.8	380.6	370.9	357.5	343.3	325.4	304.9	283.4
55°	371.7	376.1	381.1	386.5	389.8	385.5	381.7	372.9	356.6	339.3	316.2
52.5°	363.7	367.5	371.3	375.0	379.9	384.4	388.1	384.0	380.4	365.7	346.4
50°	373.0	371.5	369.6	369.2	371.9	374.3	378.7	383.7	385.9	381.8	370.9
47.5°	395.9	389.0	381.1	376.8	372.2	368.6	371.4	375.2	382.1	387.7	382.6
45°	438.3	422.0	404.7	394.8	383.4	376.3	369.4	370.4	375.2	381.9	388.9
42.5°	520.3	481.1	450.5	426.7	404.7	391.7	379.8	372.8	371.1	376.2	382.2
40°	649.3	584.4	534.9	479.3	443.8	414.5	397.0	382.2	374.7	372.5	375.9
37.5°	828.0	738.4	657.4	573.0	509.2	454.5	421.8	399.4	382.9	374.3	371.7
35°	1074.4	943.5	819.2	709.0	602.5	524.8	458.6	422.6	398.2	380.6	370.8
32.5°	1444.2	1242.0	1027.6	881.1	737.0	615.3	525.7	456.1	415.0	391.9	376.4
30°	1982.3	1649.8	1354.8	1089.6	901.4	737.9	604.2	509.0	442.5	404.0	383.1
27.5°	2755.9	2166.3	1771.1	1394.8	1089.7	884.0	712.3	570.1	475.2	423.9	393.5
25°	4133.3	2980.7	2269.0	1773.8	1363.8	1038.4	828.8	657.7	527.7	444.7	402.8
22.5°	6159.1	4369.6	2991.8	2190.3	1680.1	1269.4	963.0	749.1	577.2	475.4	419.3
20°	9083.2	6210.4	4192.4	2827.6	2047.9	1496.0	1111.7	852.1	654.6	516.8	435.6
17.5°	11748.4	8786.8	5677.2	3582.5	2506.4	1806.2	1304.2	950.9	721.1	553.6	450.0
15°	14053.5	11017.7	7694.3	4835.2	2999.3	2091.8	1483.9	1039.7	783.8	597.7	477.4
12.5°	15690.1	12858.3	9549.0	5917.5	3575.3	2412.6	1696.1	1182.1	851.9	641.3	502.3
10°	17054.8	14304.9	11072.2	7359.7	4400.8	2757.7	1885.1	1301.6	909.6	674.7	522.0
7.5°	17880.1	15374.9	12241.6	8576.6	5077.7	3047.4	2041.0	1391.0	955.9	698.6	536.4
5°	18510.4	16138.6	13091.8	9495.3	5634.6	3265.8	2164.9	1450.8	989.7	713.2	545.7
2.5°	18977.6	16576.6	13628.1	10050.3	5982.7	3408.9	2247.8	1493.4	1006.3	726.1	553.7
0°	19047.3	16719.1	13660.5	10150.9	5894.4	3474.9	2280.7	1519.3	1006.1	732.2	556.9
-2.5°	18977.6	16576.6	13628.1	10050.3	5982.7	3408.9	2247.8	1493.4	1006.3	726.1	553.7
-5°	18510.4	16138.6	13091.8	9495.3	5634.6	3265.8	2164.9	1450.8	989.7	713.2	545.7
-7.5°	17880.1	15374.9	12241.6	8576.6	5077.7	3047.4	2041.0	1391.0	955.9	698.6	536.4
-10°	17054.8	14304.9	11072.2	7359.7	4400.8	2757.7	1885.1	1301.6	909.6	674.7	522.0
-12.5°	15690.1	12858.3	9549.0	5917.5	3575.3	2412.6	1696.1	1182.1	851.9	641.3	502.3
-15°	14053.5	11017.7	7694.3	4835.2	2999.3	2091.8	1483.9	1039.7	783.8	597.7	477.4
-17.5°	11748.4	8786.8	5677.2	3582.5	2506.4	1806.2	1304.2	950.9	721.1	553.6	450.0
-20°	9083.2	6210.4	4192.4	2827.6	2047.9	1496.0	1111.7	852.1	654.6	516.8	435.6



REPORT NUMBER: P559140 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6159.1	4369.6	2991.8	2190.3	1680.1	1269.4	963.0	749.1	577.2	475.4	419.3
-25°	4133.3	2980.7	2269.0	1773.8	1363.8	1038.4	828.8	657.7	527.7	444.7	402.8
-27.5°	2755.9	2166.3	1771.1	1394.8	1089.7	884.0	712.3	570.1	475.2	423.9	393.5
-30°	1982.3	1649.8	1354.8	1089.6	901.4	737.9	604.2	509.0	442.5	404.0	383.1
-32.5°	1444.2	1242.0	1027.6	881.1	737.0	615.3	525.7	456.1	415.0	391.9	376.4
-35°	1074.4	943.5	819.2	709.0	602.5	524.8	458.6	422.6	398.2	380.6	370.8
-37.5°	828.0	738.4	657.4	573.0	509.2	454.5	421.8	399.4	382.9	374.3	371.7
-40°	649.3	584.4	534.9	479.3	443.8	414.5	397.0	382.2	374.7	372.5	375.9
-42.5°	520.3	481.1	450.5	426.7	404.7	391.7	379.8	372.8	371.1	376.2	382.2
-45°	438.3	422.0	404.7	394.8	383.4	376.3	369.4	370.4	375.2	381.9	388.9
-47.5°	395.9	389.0	381.1	376.8	372.2	368.6	371.4	375.2	382.1	387.7	382.6
-50°	373.0	371.5	369.6	369.2	371.9	374.3	378.7	383.7	385.9	381.8	370.9
-52.5°	363.7	367.5	371.3	375.0	379.9	384.4	388.1	384.0	380.4	365.7	346.4
-55°	371.7	376.1	381.1	386.5	389.8	385.5	381.7	372.9	356.6	339.3	316.2
-57.5°	385.4	386.5	384.8	382.8	380.6	370.9	357.5	343.3	325.4	304.9	283.4
-60°	379.5	376.5	368.5	359.5	349.7	338.4	322.8	306.3	288.9	270.9	252.2
-62.5°	349.0	340.1	331.8	321.4	309.9	297.1	283.1	268.6	253.3	237.3	222.1
-65°	305.8	296.4	287.5	278.2	267.9	256.6	244.2	232.2	219.9	206.8	193.0
-67.5°	260.2	252.7	244.8	236.4	228.1	219.5	209.8	199.3	188.3	176.8	165.0
-70°	216.7	210.5	204.2	197.9	191.5	184.6	176.2	166.9	157.2	148.0	139.3
-72.5°	176.9	171.8	166.8	161.7	156.1	150.2	143.8	136.8	129.8	122.8	115.4
-75°	139.7	135.7	131.5	127.5	123.1	118.3	113.5	108.5	103.2	97.6	91.4
-77.5°	104.1	101.5	98.6	95.7	92.5	89.0	85.3	81.4	77.7	73.6	69.1
-80°	73.0	71.6	70.0	68.2	66.0	63.6	60.9	58.0	54.7	51.5	48.4
-82.5°	48.7	47.5	46.3	44.7	43.0	41.1	39.1	37.1	35.0	32.7	30.5
-85°	26.8	26.1	25.4	24.4	23.4	22.4	21.5	20.6	19.7	18.8	17.8
-87.5°	8.6	8.4	8.3	8.5	8.7	8.9	9.0	8.7	8.4	8.1	7.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P559140 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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°	7.4	7.1	6.7	6.3	5.9	5.5	5.1	4.6	4.2	3.8	3.3
85°	16.9	15.9	14.8	13.7	12.3	11.0	10.1	9.3	8.4	7.5	6.6
82.5°	28.5	27.0	25.6	24.1	22.1	20.0	18.0	15.8	13.7	11.4	9.9
80°	45.3	42.3	39.2	36.0	32.5	29.1	26.3	23.5	20.8	17.9	14.9
77.5°	64.1	59.0	53.8	49.4	44.8	40.2	35.8	31.5	27.9	24.4	20.7
75°	84.3	77.9	71.5	64.9	58.0	51.3	45.8	40.5	35.6	30.9	26.4
72.5°	107.2	98.8	90.0	80.9	72.8	64.7	56.7	49.4	43.5	37.8	32.2
70°	130.1	120.4	110.3	99.8	88.9	78.1	68.8	60.0	51.3	44.6	38.1
67.5°	153.2	142.5	131.1	118.8	106.4	93.9	81.2	70.9	61.2	51.3	43.8
65°	179.5	165.8	152.0	138.6	124.4	110.0	96.0	82.5	70.9	60.0	49.5
62.5°	206.2	190.1	174.5	158.5	142.9	126.9	110.6	95.9	81.0	68.5	56.4
60°	233.5	215.6	197.0	179.0	161.4	143.9	126.1	109.0	92.8	76.8	63.7
57.5°	262.5	241.3	220.7	199.8	179.9	160.8	141.5	122.5	104.4	86.7	70.8
55°	291.9	268.2	244.6	221.6	198.7	177.2	156.5	135.8	115.8	96.7	77.8
52.5°	322.9	295.4	268.9	243.3	218.5	193.8	171.5	148.5	127.1	106.5	86.2
50°	349.7	323.3	293.4	265.1	237.8	211.8	186.2	161.9	138.0	116.0	94.4
47.5°	371.8	346.9	318.2	286.7	257.2	229.2	201.8	175.1	148.4	125.1	102.3
45°	381.2	367.2	340.1	308.6	276.3	246.6	217.2	188.1	160.0	133.9	109.7
42.5°	386.6	377.8	358.6	329.3	296.0	263.5	232.0	201.4	171.3	142.4	117.0
40°	381.4	382.9	373.1	346.7	315.4	279.8	246.8	214.2	182.3	151.0	124.1
37.5°	375.2	381.7	377.8	363.5	333.2	296.9	260.9	226.5	192.8	160.3	130.9
35°	371.4	376.1	382.8	373.3	347.9	313.3	274.4	238.3	203.1	168.9	137.4
32.5°	368.1	371.6	379.1	377.5	361.6	328.9	288.0	249.6	212.8	177.1	143.5
30°	371.0	369.0	374.8	381.4	371.8	340.9	301.2	260.2	221.8	184.6	149.5
27.5°	375.3	366.2	371.0	379.6	375.0	351.8	313.3	270.0	230.2	191.7	155.6
25°	380.3	368.0	368.6	376.1	377.9	361.7	324.3	279.1	238.2	198.5	161.2
22.5°	388.2	371.0	366.1	372.9	380.6	370.8	333.3	288.2	245.5	204.8	166.2
20°	395.2	373.3	363.7	369.8	380.1	373.0	340.7	296.3	252.1	210.3	170.8
17.5°	402.5	377.2	365.1	367.8	377.5	375.0	347.4	303.4	258.0	215.3	174.7
15°	414.3	382.3	366.9	366.0	375.0	376.7	353.4	309.6	263.1	219.5	178.2
12.5°	424.4	386.6	368.2	364.6	372.7	378.2	358.5	314.7	267.4	223.1	181.2
10°	432.6	390.0	369.1	363.3	370.6	379.4	362.8	319.3	271.2	225.9	183.7
7.5°	438.9	392.5	369.6	362.4	368.8	380.4	366.7	323.9	274.5	228.0	185.6
5°	443.5	395.2	370.9	361.9	367.8	381.1	369.7	327.7	276.9	229.4	187.0
2.5°	447.4	398.9	372.7	361.7	367.2	381.5	371.6	330.5	278.6	230.1	187.8
0°	449.2	401.7	374.3	361.6	367.0	381.6	372.5	332.3	279.4	230.1	188.1
-2.5°	447.4	398.9	372.7	361.7	367.2	381.5	371.6	330.5	278.6	230.1	187.8
-5°	443.5	395.2	370.9	361.9	367.8	381.1	369.7	327.7	276.9	229.4	187.0
-7.5°	438.9	392.5	369.6	362.4	368.8	380.4	366.7	323.9	274.5	228.0	185.6
-10°	432.6	390.0	369.1	363.3	370.6	379.4	362.8	319.3	271.2	225.9	183.7
-12.5°	424.4	386.6	368.2	364.6	372.7	378.2	358.5	314.7	267.4	223.1	181.2
-15°	414.3	382.3	366.9	366.0	375.0	376.7	353.4	309.6	263.1	219.5	178.2
-17.5°	402.5	377.2	365.1	367.8	377.5	375.0	347.4	303.4	258.0	215.3	174.7
-20°	395.2	373.3	363.7	369.8	380.1	373.0	340.7	296.3	252.1	210.3	170.8



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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°	388.2	371.0	366.1	372.9	380.6	370.8	333.3	288.2	245.5	204.8	166.2
-25°	380.3	368.0	368.6	376.1	377.9	361.7	324.3	279.1	238.2	198.5	161.2
-27.5°	375.3	366.2	371.0	379.6	375.0	351.8	313.3	270.0	230.2	191.7	155.6
-30°	371.0	369.0	374.8	381.4	371.8	340.9	301.2	260.2	221.8	184.6	149.5
-32.5°	368.1	371.6	379.1	377.5	361.6	328.9	288.0	249.6	212.8	177.1	143.5
-35°	371.4	376.1	382.8	373.3	347.9	313.3	274.4	238.3	203.1	168.9	137.4
-37.5°	375.2	381.7	377.8	363.5	333.2	296.9	260.9	226.5	192.8	160.3	130.9
-40°	381.4	382.9	373.1	346.7	315.4	279.8	246.8	214.2	182.3	151.0	124.1
-42.5°	386.6	377.8	358.6	329.3	296.0	263.5	232.0	201.4	171.3	142.4	117.0
-45°	381.2	367.2	340.1	308.6	276.3	246.6	217.2	188.1	160.0	133.9	109.7
-47.5°	371.8	346.9	318.2	286.7	257.2	229.2	201.8	175.1	148.4	125.1	102.3
-50°	349.7	323.3	293.4	265.1	237.8	211.8	186.2	161.9	138.0	116.0	94.4
-52.5°	322.9	295.4	268.9	243.3	218.5	193.8	171.5	148.5	127.1	106.5	86.2
-55°	291.9	268.2	244.6	221.6	198.7	177.2	156.5	135.8	115.8	96.7	77.8
-57.5°	262.5	241.3	220.7	199.8	179.9	160.8	141.5	122.5	104.4	86.7	70.8
-60°	233.5	215.6	197.0	179.0	161.4	143.9	126.1	109.0	92.8	76.8	63.7
-62.5°	206.2	190.1	174.5	158.5	142.9	126.9	110.6	95.9	81.0	68.5	56.4
-65°	179.5	165.8	152.0	138.6	124.4	110.0	96.0	82.5	70.9	60.0	49.5
-67.5°	153.2	142.5	131.1	118.8	106.4	93.9	81.2	70.9	61.2	51.3	43.8
-70°	130.1	120.4	110.3	99.8	88.9	78.1	68.8	60.0	51.3	44.6	38.1
-72.5°	107.2	98.8	90.0	80.9	72.8	64.7	56.7	49.4	43.5	37.8	32.2
-75°	84.3	77.9	71.5	64.9	58.0	51.3	45.8	40.5	35.6	30.9	26.4
-77.5°	64.1	59.0	53.8	49.4	44.8	40.2	35.8	31.5	27.9	24.4	20.7
-80°	45.3	42.3	39.2	36.0	32.5	29.1	26.3	23.5	20.8	17.9	14.9
-82.5°	28.5	27.0	25.6	24.1	22.1	20.0	18.0	15.8	13.7	11.4	9.9
-85°	16.9	15.9	14.8	13.7	12.3	11.0	10.1	9.3	8.4	7.5	6.6
-87.5°	7.4	7.1	6.7	6.3	5.9	5.5	5.1	4.6	4.2	3.8	3.3
-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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**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°	2.8	2.4	1.9	1.4	1.0	0.5	0.0
85°	5.7	4.8	3.8	2.9	1.9	1.0	0.0
82.5°	8.5	7.1	5.7	4.3	2.9	1.4	0.0
80°	11.6	9.5	7.6	5.7	3.8	1.9	0.0
77.5°	16.7	12.4	9.5	7.1	4.8	2.4	0.0
75°	21.7	16.5	11.6	8.5	5.7	2.8	0.0
72.5°	26.6	20.6	14.8	9.9	6.6	3.3	0.0
70°	31.5	24.6	17.9	11.4	7.5	3.8	0.0
67.5°	36.4	28.5	20.9	13.7	8.4	4.2	0.0
65°	41.3	32.5	23.9	15.9	9.3	4.6	0.0
62.5°	46.1	36.6	26.9	18.1	10.1	5.1	0.0
60°	50.9	40.7	29.7	20.2	11.0	5.5	0.0
57.5°	56.9	44.8	33.0	22.2	12.4	5.9	0.0
55°	63.0	48.8	36.3	24.2	13.7	6.3	0.0
52.5°	68.8	52.8	39.4	26.1	15.0	6.7	0.0
50°	74.5	57.6	42.5	28.0	16.3	7.1	0.0
47.5°	80.1	62.1	45.6	29.9	17.5	7.4	0.0
45°	86.5	66.5	48.5	32.1	18.7	7.8	0.0
42.5°	92.6	70.7	51.3	34.2	19.9	8.1	0.0
40°	98.3	74.8	54.3	36.3	21.0	8.4	0.0
37.5°	103.7	78.6	57.4	38.2	22.1	8.7	0.0
35°	108.7	82.6	60.3	40.0	23.1	9.0	0.0
32.5°	113.5	86.6	63.0	41.7	24.1	9.3	0.0
30°	118.4	90.2	65.5	43.3	25.0	9.5	0.0
27.5°	122.9	93.6	67.7	44.7	25.8	9.8	0.0
25°	127.1	96.6	69.7	46.0	26.6	10.0	0.0
22.5°	131.0	99.3	71.5	47.1	27.4	10.2	0.0
20°	134.4	101.6	73.1	48.1	28.0	10.3	0.0
17.5°	137.5	103.7	74.5	48.9	28.7	10.5	0.0
15°	140.2	105.4	75.7	49.6	29.2	10.6	0.0
12.5°	142.5	106.8	76.7	50.2	29.7	10.7	0.0
10°	144.4	108.0	77.5	50.6	30.1	10.8	0.0
7.5°	145.9	108.8	78.0	50.9	30.4	10.9	0.0
5°	147.0	109.4	78.4	51.1	30.7	11.0	0.0
2.5°	147.7	109.6	78.6	51.2	30.9	11.0	0.0
0°	147.9	109.6	78.5	51.1	31.0	11.0	0.0
-2.5°	147.7	109.6	78.6	51.2	30.9	11.0	0.0
-5°	147.0	109.4	78.4	51.1	30.7	11.0	0.0
-7.5°	145.9	108.8	78.0	50.9	30.4	10.9	0.0
-10°	144.4	108.0	77.5	50.6	30.1	10.8	0.0
-12.5°	142.5	106.8	76.7	50.2	29.7	10.7	0.0
-15°	140.2	105.4	75.7	49.6	29.2	10.6	0.0
-17.5°	137.5	103.7	74.5	48.9	28.7	10.5	0.0
-20°	134.4	101.6	73.1	48.1	28.0	10.3	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	131.0	99.3	71.5	47.1	27.4	10.2	0.0
-25°	127.1	96.6	69.7	46.0	26.6	10.0	0.0
-27.5°	122.9	93.6	67.7	44.7	25.8	9.8	0.0
-30°	118.4	90.2	65.5	43.3	25.0	9.5	0.0
-32.5°	113.5	86.6	63.0	41.7	24.1	9.3	0.0
-35°	108.7	82.6	60.3	40.0	23.1	9.0	0.0
-37.5°	103.7	78.6	57.4	38.2	22.1	8.7	0.0
-40°	98.3	74.8	54.3	36.3	21.0	8.4	0.0
-42.5°	92.6	70.7	51.3	34.2	19.9	8.1	0.0
-45°	86.5	66.5	48.5	32.1	18.7	7.8	0.0
-47.5°	80.1	62.1	45.6	29.9	17.5	7.4	0.0
-50°	74.5	57.6	42.5	28.0	16.3	7.1	0.0
-52.5°	68.8	52.8	39.4	26.1	15.0	6.7	0.0
-55°	63.0	48.8	36.3	24.2	13.7	6.3	0.0
-57.5°	56.9	44.8	33.0	22.2	12.4	5.9	0.0
-60°	50.9	40.7	29.7	20.2	11.0	5.5	0.0
-62.5°	46.1	36.6	26.9	18.1	10.1	5.1	0.0
-65°	41.3	32.5	23.9	15.9	9.3	4.6	0.0
-67.5°	36.4	28.5	20.9	13.7	8.4	4.2	0.0
-70°	31.5	24.6	17.9	11.4	7.5	3.8	0.0
-72.5°	26.6	20.6	14.8	9.9	6.6	3.3	0.0
-75°	21.7	16.5	11.6	8.5	5.7	2.8	0.0
-77.5°	16.7	12.4	9.5	7.1	4.8	2.4	0.0
-80°	11.6	9.5	7.6	5.7	3.8	1.9	0.0
-82.5°	8.5	7.1	5.7	4.3	2.9	1.4	0.0
-85°	5.7	4.8	3.8	2.9	1.9	1.0	0.0
-87.5°	2.8	2.4	1.9	1.4	1.0	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)