

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: P558701 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-935-U-MWR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558701 (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-SA2D-935-U-MWR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5  
Light Source: (32) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

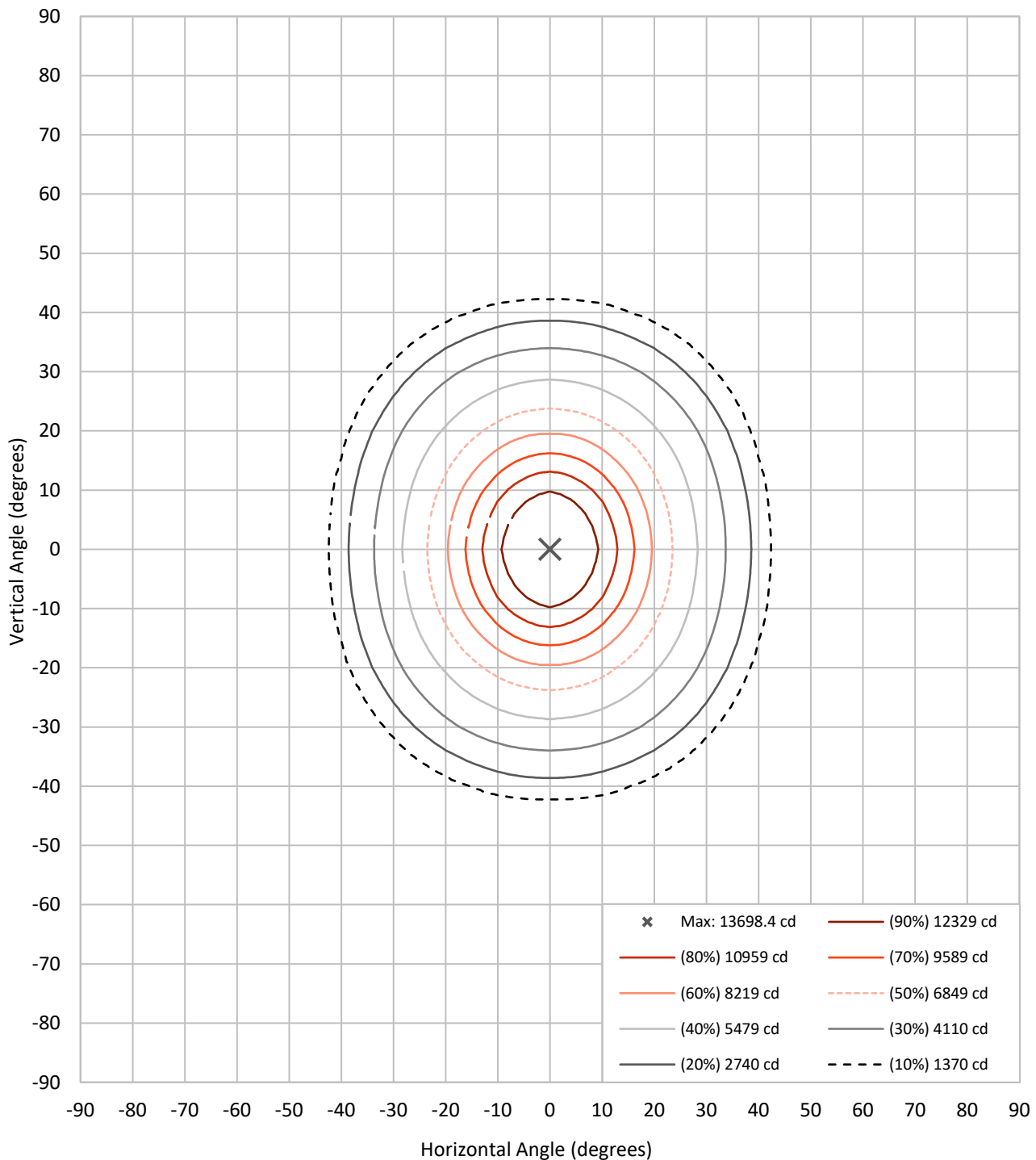
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	10663.5 lumens	Max Intensity:	13698.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	96.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	5031.7 lumens	Field Lumens:	9682.4 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 110  
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





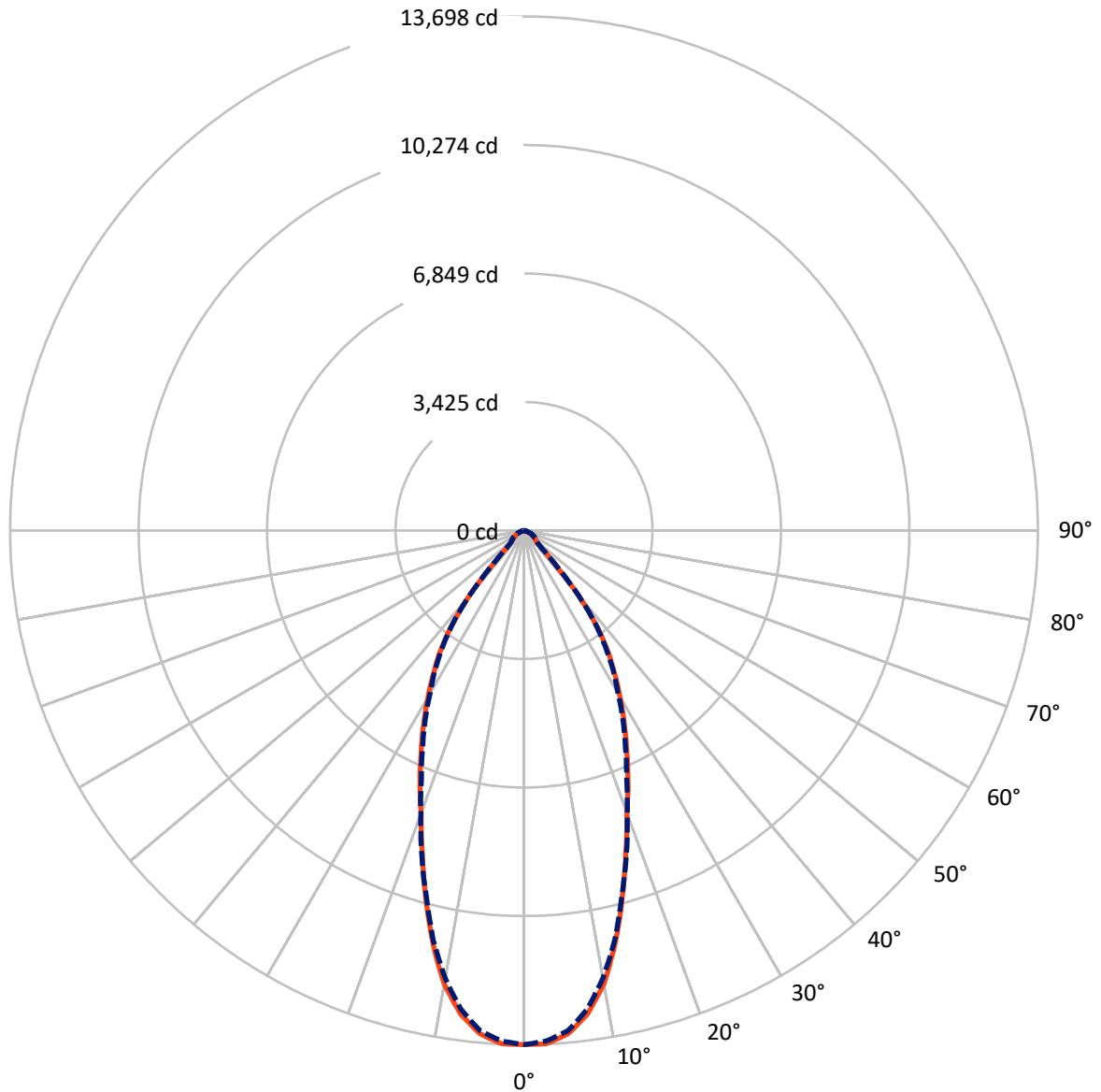
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### Lumen Table

90																			
80	0.2	1.3		2.9		4.8		3.7		4.8		2.9		1.3		0.2			
70																			
60	0.7	0.8	1.6	2.4	3.4	4.2	4.9	5.3	5.3	4.9	4.2	3.4	2.4	1.6	0.8	0.7			
50		1.3	2.6	4.3	6.1	7.7	8.7	9.6	9.6	8.7	7.7	6.1	4.3	2.6	1.3				
40	1.1	1.7	3.6	6.0	8.7	12.0	18.9	26.5	26.5	18.9	12.0	8.7	6.0	3.6	1.7	1.1			
30		2.1	4.5	7.5	14.1	44.9	87.5	111.5	111.5	87.5	44.9	14.1	7.5	4.5	2.1				
20	1.3	2.4	5.2	9.4	41.1	107.4	158.4	191.8	191.8	158.4	107.4	41.1	9.4	5.2	2.4	1.3			
10		2.7	5.8	14.4	74.7	148.2	225.1	293.0	293.0	225.1	148.2	74.7	14.4	5.8	2.7				
0	1.3	2.9	6.3	19.8	91.0	172.9	283.2	383.0	383.0	283.2	172.9	91.0	19.8	6.3	2.9	1.3			
-10		2.9	6.3	19.8	91.0	172.9	283.2	383.0	383.0	283.2	172.9	91.0	19.8	6.3	2.9				
-20	1.3	2.7	5.8	14.4	74.7	148.2	225.1	293.0	293.0	225.1	148.2	74.7	14.4	5.8	2.7	1.3			
-30		2.4	5.2	9.4	41.1	107.4	158.4	191.8	191.8	158.4	107.4	41.1	9.4	5.2	2.4				
-40	1.1	2.1	4.5	7.5	14.1	44.9	87.5	111.5	111.5	87.5	44.9	14.1	7.5	4.5	2.1	1.1			
-50		1.7	3.6	6.0	8.7	12.0	18.9	26.5	26.5	18.9	12.0	8.7	6.0	3.6	1.7				
-60	0.7	1.3	2.6	4.3	6.1	7.7	8.7	9.6	9.6	8.7	7.7	6.1	4.3	2.6	1.3	0.7			
-70		0.8	1.6	2.4	3.4	4.2	4.9	5.3	5.3	4.9	4.2	3.4	2.4	1.6	0.8				
-80																			
-90	0.2	1.3		2.9		4.8		3.7		4.8		2.9		1.3		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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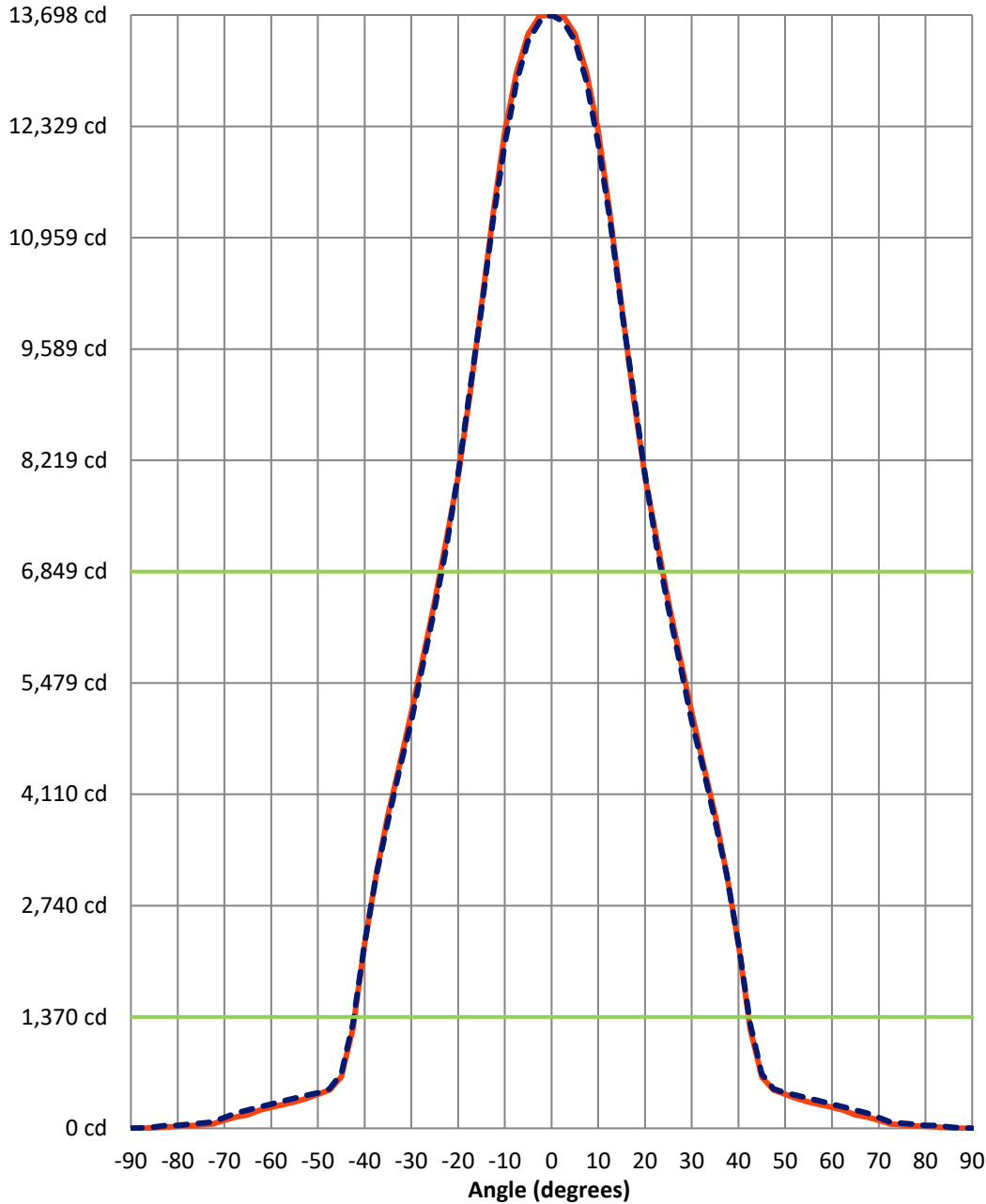
### Luminous Intensity Polar Plot



— 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: 5031.7  
 Efficiency: 47.2%

**Field:**  
 H Angle: 84.6°  
 V Angle: 84.3°  
 Lumens: 9682.4  
 Efficiency: 90.8%

**Spill:**  
 Lumens: 981.1  
 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	0.2	0.4	0.7	1.1	1.4	1.9	2.1	2.3	2.5	2.6
85°	0.0	0.4	0.9	1.5	2.1	2.9	3.7	4.2	4.6	4.9	5.2
82.5°	0.0	0.7	1.3	2.2	3.2	4.3	5.6	6.3	7.1	8.5	9.5
80°	0.0	0.9	1.8	2.9	4.2	5.7	7.7	10.2	12.2	13.7	14.8
77.5°	0.0	1.1	2.2	3.6	5.3	7.8	12.1	15.1	17.3	19.0	20.5
75°	0.0	1.3	2.6	4.3	6.5	11.1	16.4	20.0	22.6	25.4	27.6
72.5°	0.0	1.5	3.1	5.0	9.0	14.4	20.5	25.2	29.2	32.4	34.8
70°	0.0	1.7	3.5	5.8	11.3	17.6	24.7	31.3	35.8	39.4	45.1
67.5°	0.0	2.0	3.9	7.5	13.6	20.7	29.6	37.4	42.4	48.3	55.7
65°	0.0	2.2	4.3	9.0	15.9	24.0	34.3	43.5	49.4	56.8	65.7
62.5°	0.0	2.4	4.7	10.5	18.0	27.4	38.8	49.1	56.0	64.9	75.0
60°	0.0	2.5	5.1	12.0	20.0	30.8	43.0	54.2	62.3	73.2	84.1
57.5°	0.0	2.7	6.0	13.3	22.4	33.9	45.9	58.6	69.3	81.4	92.1
55°	0.0	2.9	6.9	14.7	24.6	36.8	48.3	61.9	76.5	89.1	99.4
52.5°	0.0	3.1	7.7	15.9	26.7	39.4	50.4	66.3	83.4	95.6	106.6
50°	0.0	3.3	8.6	17.1	28.6	40.6	52.2	70.5	89.9	102.0	114.6
47.5°	0.0	3.4	9.4	18.2	30.4	41.6	53.7	74.1	95.5	108.2	122.4
45°	0.0	3.6	10.1	19.5	32.1	42.4	56.3	77.2	98.3	115.0	129.9
42.5°	0.0	3.8	10.8	20.6	33.6	42.9	58.5	79.4	100.5	121.4	137.6
40°	0.0	3.9	11.5	21.8	34.4	43.1	60.3	80.8	102.5	127.1	145.0
37.5°	0.0	4.0	12.1	23.0	34.5	43.1	61.7	81.9	104.5	129.9	152.1
35°	0.0	4.2	12.7	24.2	34.4	43.7	62.7	82.4	106.3	134.0	158.9
32.5°	0.0	4.3	13.3	25.3	34.2	44.3	63.2	82.6	107.7	139.1	165.1
30°	0.0	4.4	13.8	26.4	33.9	44.7	63.2	82.6	108.8	145.0	171.2
27.5°	0.0	4.5	14.3	27.5	34.2	44.9	62.8	83.1	110.9	151.6	177.2
25°	0.0	4.6	14.7	28.5	34.6	44.7	62.1	83.4	115.4	157.2	183.1
22.5°	0.0	4.7	15.1	29.5	35.0	44.8	61.1	83.2	120.1	161.7	190.4
20°	0.0	4.8	15.4	30.4	35.2	46.0	59.9	82.8	124.8	166.0	196.9
17.5°	0.0	4.9	15.7	31.3	35.5	47.0	59.9	82.0	129.5	169.9	202.8
15°	0.0	4.9	16.0	32.1	35.6	47.9	60.8	81.8	134.0	173.5	207.9
12.5°	0.0	5.0	16.2	32.8	35.8	48.7	61.5	82.1	137.1	176.7	212.3
10°	0.0	5.0	16.3	33.4	35.9	49.3	62.1	81.9	138.4	179.4	216.1
7.5°	0.0	5.1	16.4	33.9	35.9	49.8	62.5	81.2	138.5	181.9	219.3
5°	0.0	5.1	16.5	34.4	36.0	50.1	62.7	80.2	137.6	184.3	221.7
2.5°	0.0	5.1	16.5	34.7	36.0	50.3	62.8	78.8	135.6	186.1	223.3
0°	0.0	5.1	16.5	35.0	36.0	50.4	62.7	77.1	132.7	187.2	224.2
-2.5°	0.0	5.1	16.5	34.7	36.0	50.3	62.8	78.8	135.6	186.1	223.3
-5°	0.0	5.1	16.5	34.4	36.0	50.1	62.7	80.2	137.6	184.3	221.7
-7.5°	0.0	5.1	16.4	33.9	35.9	49.8	62.5	81.2	138.5	181.9	219.3
-10°	0.0	5.0	16.3	33.4	35.9	49.3	62.1	81.9	138.4	179.4	216.1
-12.5°	0.0	5.0	16.2	32.8	35.8	48.7	61.5	82.1	137.1	176.7	212.3
-15°	0.0	4.9	16.0	32.1	35.6	47.9	60.8	81.8	134.0	173.5	207.9
-17.5°	0.0	4.9	15.7	31.3	35.5	47.0	59.9	82.0	129.5	169.9	202.8
-20°	0.0	4.8	15.4	30.4	35.2	46.0	59.9	82.8	124.8	166.0	196.9



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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	4.7	15.1	29.5	35.0	44.8	61.1	83.2	120.1	161.7	190.4
-25°	0.0	4.6	14.7	28.5	34.6	44.7	62.1	83.4	115.4	157.2	183.1
-27.5°	0.0	4.5	14.3	27.5	34.2	44.9	62.8	83.1	110.9	151.6	177.2
-30°	0.0	4.4	13.8	26.4	33.9	44.7	63.2	82.6	108.8	145.0	171.2
-32.5°	0.0	4.3	13.3	25.3	34.2	44.3	63.2	82.6	107.7	139.1	165.1
-35°	0.0	4.2	12.7	24.2	34.4	43.7	62.7	82.4	106.3	134.0	158.9
-37.5°	0.0	4.0	12.1	23.0	34.5	43.1	61.7	81.9	104.5	129.9	152.1
-40°	0.0	3.9	11.5	21.8	34.4	43.1	60.3	80.8	102.5	127.1	145.0
-42.5°	0.0	3.8	10.8	20.6	33.6	42.9	58.5	79.4	100.5	121.4	137.6
-45°	0.0	3.6	10.1	19.5	32.1	42.4	56.3	77.2	98.3	115.0	129.9
-47.5°	0.0	3.4	9.4	18.2	30.4	41.6	53.7	74.1	95.5	108.2	122.4
-50°	0.0	3.3	8.6	17.1	28.6	40.6	52.2	70.5	89.9	102.0	114.6
-52.5°	0.0	3.1	7.7	15.9	26.7	39.4	50.4	66.3	83.4	95.6	106.6
-55°	0.0	2.9	6.9	14.7	24.6	36.8	48.3	61.9	76.5	89.1	99.4
-57.5°	0.0	2.7	6.0	13.3	22.4	33.9	45.9	58.6	69.3	81.4	92.1
-60°	0.0	2.5	5.1	12.0	20.0	30.8	43.0	54.2	62.3	73.2	84.1
-62.5°	0.0	2.4	4.7	10.5	18.0	27.4	38.8	49.1	56.0	64.9	75.0
-65°	0.0	2.2	4.3	9.0	15.9	24.0	34.3	43.5	49.4	56.8	65.7
-67.5°	0.0	2.0	3.9	7.5	13.6	20.7	29.6	37.4	42.4	48.3	55.7
-70°	0.0	1.7	3.5	5.8	11.3	17.6	24.7	31.3	35.8	39.4	45.1
-72.5°	0.0	1.5	3.1	5.0	9.0	14.4	20.5	25.2	29.2	32.4	34.8
-75°	0.0	1.3	2.6	4.3	6.5	11.1	16.4	20.0	22.6	25.4	27.6
-77.5°	0.0	1.1	2.2	3.6	5.3	7.8	12.1	15.1	17.3	19.0	20.5
-80°	0.0	0.9	1.8	2.9	4.2	5.7	7.7	10.2	12.2	13.7	14.8
-82.5°	0.0	0.7	1.3	2.2	3.2	4.3	5.6	6.3	7.1	8.5	9.5
-85°	0.0	0.4	0.9	1.5	2.1	2.9	3.7	4.2	4.6	4.9	5.2
-87.5°	0.0	0.2	0.4	0.7	1.1	1.4	1.9	2.1	2.3	2.5	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





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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°	2.6	2.6	2.5	2.4	2.2	2.0	1.8	1.5	1.5	1.6	1.7
85°	5.3	5.2	5.6	5.9	6.1	6.1	5.9	5.5	6.3	7.3	8.2
82.5°	10.4	11.3	12.2	13.0	13.1	12.8	12.3	11.8	13.6	15.8	18.2
80°	16.1	17.5	19.5	21.6	22.1	21.9	21.2	20.1	22.6	26.2	30.3
77.5°	23.0	25.8	28.6	31.4	32.1	31.6	30.2	28.1	31.3	37.2	43.8
75°	30.6	34.1	38.5	42.0	42.8	41.6	39.5	37.7	41.6	48.9	55.9
72.5°	39.9	45.7	50.1	53.2	53.4	52.3	51.3	50.4	54.7	63.3	70.6
70°	51.8	57.6	61.1	63.0	63.4	64.1	67.0	69.8	74.1	81.5	87.4
67.5°	63.6	68.3	71.4	73.7	78.1	82.2	86.3	90.4	95.2	101.5	106.1
65°	74.2	79.0	83.0	88.3	94.8	99.9	105.3	111.2	117.7	123.7	128.0
62.5°	84.6	89.7	95.4	102.4	110.0	116.8	124.8	132.9	140.7	147.4	154.8
60°	93.2	99.9	107.6	116.1	125.2	135.6	145.1	154.5	163.1	171.5	181.9
57.5°	101.3	110.5	119.9	130.1	141.9	154.6	165.8	176.0	186.8	199.0	209.2
55°	109.9	121.4	132.2	144.5	158.6	173.8	186.1	197.7	211.0	225.7	237.1
52.5°	119.1	131.9	144.5	159.3	176.3	191.5	204.3	218.8	234.9	250.8	264.1
50°	128.1	142.2	156.8	175.6	192.5	207.0	222.9	240.3	257.2	273.5	289.2
47.5°	137.1	152.1	171.7	190.8	206.7	223.6	242.2	260.1	277.9	294.9	311.2
45°	145.9	163.8	185.5	203.7	221.3	240.7	259.9	278.8	297.4	315.5	333.4
42.5°	154.5	175.2	197.0	216.1	236.3	256.7	276.8	296.7	316.4	335.7	354.8
40°	163.8	185.6	208.6	229.4	250.5	271.8	292.9	313.9	334.7	355.2	375.4
37.5°	172.4	196.4	220.4	242.1	263.8	286.1	308.3	330.6	352.4	373.8	396.8
35°	180.0	207.3	231.5	254.3	277.1	299.7	323.1	346.5	369.5	392.8	422.2
32.5°	188.7	218.3	242.0	266.1	289.7	312.9	337.3	362.0	386.5	413.7	455.9
30°	198.4	227.5	252.0	277.3	301.4	325.9	351.1	376.9	402.7	444.9	542.5
27.5°	207.9	236.0	261.7	287.6	312.4	337.8	364.2	391.0	426.9	491.8	650.1
25°	216.6	244.1	270.8	297.0	322.7	349.0	376.3	404.1	452.9	584.0	933.7
22.5°	224.0	251.9	279.7	305.6	331.9	359.1	387.5	424.4	499.8	677.0	1249.2
20°	230.3	259.3	287.8	314.7	340.6	368.2	397.7	443.8	571.1	942.6	1627.3
17.5°	236.2	266.1	295.2	323.4	350.5	377.6	407.8	460.5	635.3	1173.4	2007.4
15°	241.6	272.2	302.1	331.5	359.6	387.8	423.9	508.0	765.2	1402.5	2346.0
12.5°	246.4	277.5	308.4	339.0	367.8	396.8	438.4	555.1	924.2	1671.3	2577.1
10°	250.7	282.1	314.0	345.8	375.0	404.8	450.5	593.8	1054.9	1892.4	2762.9
7.5°	254.6	286.5	319.3	351.9	381.2	411.7	460.5	624.1	1155.9	2058.9	2911.0
5°	257.9	290.8	325.5	358.5	389.0	419.1	469.0	645.8	1226.8	2171.1	3019.0
2.5°	260.5	294.4	330.8	364.4	397.5	428.1	478.8	661.8	1272.6	2242.6	3088.0
0°	262.2	297.2	335.3	369.2	405.2	436.0	486.4	669.5	1289.6	2268.7	3114.0
-2.5°	260.5	294.4	330.8	364.4	397.5	428.1	478.8	661.8	1272.6	2242.6	3088.0
-5°	257.9	290.8	325.5	358.5	389.0	419.1	469.0	645.8	1226.8	2171.1	3019.0
-7.5°	254.6	286.5	319.3	351.9	381.2	411.7	460.5	624.1	1155.9	2058.9	2911.0
-10°	250.7	282.1	314.0	345.8	375.0	404.8	450.5	593.8	1054.9	1892.4	2762.9
-12.5°	246.4	277.5	308.4	339.0	367.8	396.8	438.4	555.1	924.2	1671.3	2577.1
-15°	241.6	272.2	302.1	331.5	359.6	387.8	423.9	508.0	765.2	1402.5	2346.0
-17.5°	236.2	266.1	295.2	323.4	350.5	377.6	407.8	460.5	635.3	1173.4	2007.4
-20°	230.3	259.3	287.8	314.7	340.6	368.2	397.7	443.8	571.1	942.6	1627.3



REPORT NUMBER: P558701 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-935-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°	224.0	251.9	279.7	305.6	331.9	359.1	387.5	424.4	499.8	677.0	1249.2
-25°	216.6	244.1	270.8	297.0	322.7	349.0	376.3	404.1	452.9	584.0	933.7
-27.5°	207.9	236.0	261.7	287.6	312.4	337.8	364.2	391.0	426.9	491.8	650.1
-30°	198.4	227.5	252.0	277.3	301.4	325.9	351.1	376.9	402.7	444.9	542.5
-32.5°	188.7	218.3	242.0	266.1	289.7	312.9	337.3	362.0	386.5	413.7	455.9
-35°	180.0	207.3	231.5	254.3	277.1	299.7	323.1	346.5	369.5	392.8	422.2
-37.5°	172.4	196.4	220.4	242.1	263.8	286.1	308.3	330.6	352.4	373.8	396.8
-40°	163.8	185.6	208.6	229.4	250.5	271.8	292.9	313.9	334.7	355.2	375.4
-42.5°	154.5	175.2	197.0	216.1	236.3	256.7	276.8	296.7	316.4	335.7	354.8
-45°	145.9	163.8	185.5	203.7	221.3	240.7	259.9	278.8	297.4	315.5	333.4
-47.5°	137.1	152.1	171.7	190.8	206.7	223.6	242.2	260.1	277.9	294.9	311.2
-50°	128.1	142.2	156.8	175.6	192.5	207.0	222.9	240.3	257.2	273.5	289.2
-52.5°	119.1	131.9	144.5	159.3	176.3	191.5	204.3	218.8	234.9	250.8	264.1
-55°	109.9	121.4	132.2	144.5	158.6	173.8	186.1	197.7	211.0	225.7	237.1
-57.5°	101.3	110.5	119.9	130.1	141.9	154.6	165.8	176.0	186.8	199.0	209.2
-60°	93.2	99.9	107.6	116.1	125.2	135.6	145.1	154.5	163.1	171.5	181.9
-62.5°	84.6	89.7	95.4	102.4	110.0	116.8	124.8	132.9	140.7	147.4	154.8
-65°	74.2	79.0	83.0	88.3	94.8	99.9	105.3	111.2	117.7	123.7	128.0
-67.5°	63.6	68.3	71.4	73.7	78.1	82.2	86.3	90.4	95.2	101.5	106.1
-70°	51.8	57.6	61.1	63.0	63.4	64.1	67.0	69.8	74.1	81.5	87.4
-72.5°	39.9	45.7	50.1	53.2	53.4	52.3	51.3	50.4	54.7	63.3	70.6
-75°	30.6	34.1	38.5	42.0	42.8	41.6	39.5	37.7	41.6	48.9	55.9
-77.5°	23.0	25.8	28.6	31.4	32.1	31.6	30.2	28.1	31.3	37.2	43.8
-80°	16.1	17.5	19.5	21.6	22.1	21.9	21.2	20.1	22.6	26.2	30.3
-82.5°	10.4	11.3	12.2	13.0	13.1	12.8	12.3	11.8	13.6	15.8	18.2
-85°	5.3	5.2	5.6	5.9	6.1	6.1	5.9	5.5	6.3	7.3	8.2
-87.5°	2.6	2.6	2.5	2.4	2.2	2.0	1.8	1.5	1.5	1.6	1.7
-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: P558701 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-935-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°	1.7	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0	1.8	1.5
85°	9.3	9.0	8.5	7.9	7.1	7.5	7.9	8.4	8.8	8.2	7.6
82.5°	20.7	21.0	21.0	20.9	20.8	21.7	22.6	23.4	24.0	22.2	20.0
80°	34.9	36.6	37.6	38.5	39.3	39.3	38.8	37.8	36.6	33.4	30.0
77.5°	50.5	53.1	54.4	55.8	57.1	57.6	57.9	58.2	58.6	53.2	46.3
75°	62.6	66.5	68.8	70.9	72.8	74.0	74.6	75.0	75.2	68.6	60.2
72.5°	76.4	80.3	83.0	85.6	88.0	89.6	90.5	91.2	91.6	85.9	77.8
70°	91.6	94.7	97.9	101.1	104.1	106.1	107.4	108.5	109.3	108.8	108.3
67.5°	109.6	112.2	116.2	119.2	122.4	124.6	126.9	128.7	130.1	131.6	133.3
65°	132.1	138.4	144.2	147.1	147.5	150.7	155.9	159.3	160.9	162.3	164.0
62.5°	163.4	171.1	175.2	180.1	186.5	192.3	194.6	197.7	201.3	205.7	210.7
60°	190.2	196.6	203.2	210.0	215.8	220.7	226.0	231.3	236.1	240.5	244.7
57.5°	217.7	224.6	231.4	239.3	244.9	248.2	253.3	259.6	264.5	268.3	274.1
55°	246.1	255.2	264.3	271.4	276.7	280.1	284.0	290.1	293.7	295.1	301.8
52.5°	274.8	285.4	296.7	305.1	310.6	315.8	320.6	325.9	329.6	331.3	337.9
50°	301.2	313.9	326.5	337.5	344.9	353.5	363.2	368.0	371.1	374.6	381.9
47.5°	326.4	340.6	354.1	366.5	377.2	386.8	395.2	403.3	415.2	424.7	434.1
45°	350.6	365.8	380.4	394.3	406.2	425.2	443.2	458.6	499.6	534.1	560.4
42.5°	373.5	391.8	408.2	431.3	456.6	500.3	567.8	630.4	751.5	907.4	1037.5
40°	397.3	421.0	450.3	495.5	580.8	668.6	931.1	1165.0	1395.0	1656.6	1880.7
37.5°	425.1	460.8	546.8	648.7	922.5	1225.4	1597.3	1962.4	2280.3	2552.3	2779.4
35°	461.8	572.3	732.9	1104.4	1508.9	2005.5	2434.1	2777.5	3091.6	3343.6	3533.3
32.5°	570.2	772.3	1196.5	1707.5	2263.9	2743.6	3161.1	3489.9	3776.3	4002.2	4178.1
30°	728.9	1193.3	1769.4	2381.5	2935.6	3393.7	3779.4	4092.8	4348.6	4578.4	4771.4
27.5°	1105.9	1703.5	2380.7	3004.9	3509.0	3937.8	4283.9	4594.3	4876.3	5118.3	5346.5
25°	1518.4	2258.3	2941.3	3509.4	3979.9	4382.2	4747.2	5086.7	5402.4	5685.7	5951.1
22.5°	2013.9	2751.8	3404.5	3930.3	4386.2	4799.5	5187.2	5565.1	5932.6	6278.2	6599.3
20°	2462.4	3186.7	3755.8	4281.0	4754.6	5185.3	5612.6	6053.0	6477.0	6893.5	7280.1
17.5°	2812.0	3485.8	4057.2	4589.6	5071.6	5559.3	6048.3	6554.2	7065.7	7549.2	8011.7
15°	3103.9	3735.3	4314.4	4846.7	5376.7	5914.8	6461.1	7057.0	7665.4	8244.2	8833.8
12.5°	3310.8	3943.5	4530.6	5064.6	5658.9	6243.0	6879.0	7558.1	8260.8	8935.0	9659.1
10°	3477.2	4109.6	4691.7	5267.6	5896.5	6544.2	7257.5	8005.5	8844.0	9642.3	10422.5
7.5°	3620.0	4248.2	4821.2	5433.1	6094.2	6806.1	7581.8	8427.6	9334.9	10223.3	11152.0
5°	3724.4	4342.6	4921.8	5568.7	6246.2	6997.4	7832.0	8735.8	9708.8	10682.1	11600.6
2.5°	3779.7	4396.5	4984.4	5652.9	6335.3	7113.3	7982.5	8940.5	9968.3	11030.3	11935.9
0°	3778.4	4419.1	5008.4	5709.7	6400.8	7148.5	8047.3	9071.6	10074.3	11177.8	12107.5
-2.5°	3779.7	4396.5	4984.4	5652.9	6335.3	7113.3	7982.5	8940.5	9968.3	11030.3	11935.9
-5°	3724.4	4342.6	4921.8	5568.7	6246.2	6997.4	7832.0	8735.8	9708.8	10682.1	11600.6
-7.5°	3620.0	4248.2	4821.2	5433.1	6094.2	6806.1	7581.8	8427.6	9334.9	10223.3	11152.0
-10°	3477.2	4109.6	4691.7	5267.6	5896.5	6544.2	7257.5	8005.5	8844.0	9642.3	10422.5
-12.5°	3310.8	3943.5	4530.6	5064.6	5658.9	6243.0	6879.0	7558.1	8260.8	8935.0	9659.1
-15°	3103.9	3735.3	4314.4	4846.7	5376.7	5914.8	6461.1	7057.0	7665.4	8244.2	8833.8
-17.5°	2812.0	3485.8	4057.2	4589.6	5071.6	5559.3	6048.3	6554.2	7065.7	7549.2	8011.7
-20°	2462.4	3186.7	3755.8	4281.0	4754.6	5185.3	5612.6	6053.0	6477.0	6893.5	7280.1



REPORT NUMBER: P558701 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-935-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2013.9	2751.8	3404.5	3930.3	4386.2	4799.5	5187.2	5565.1	5932.6	6278.2	6599.3
-25°	1518.4	2258.3	2941.3	3509.4	3979.9	4382.2	4747.2	5086.7	5402.4	5685.7	5951.1
-27.5°	1105.9	1703.5	2380.7	3004.9	3509.0	3937.8	4283.9	4594.3	4876.3	5118.3	5346.5
-30°	728.9	1193.3	1769.4	2381.5	2935.6	3393.7	3779.4	4092.8	4348.6	4578.4	4771.4
-32.5°	570.2	772.3	1196.5	1707.5	2263.9	2743.6	3161.1	3489.9	3776.3	4002.2	4178.1
-35°	461.8	572.3	732.9	1104.4	1508.9	2005.5	2434.1	2777.5	3091.6	3343.6	3533.3
-37.5°	425.1	460.8	546.8	648.7	922.5	1225.4	1597.3	1962.4	2280.3	2552.3	2779.4
-40°	397.3	421.0	450.3	495.5	580.8	668.6	931.1	1165.0	1395.0	1656.6	1880.7
-42.5°	373.5	391.8	408.2	431.3	456.6	500.3	567.8	630.4	751.5	907.4	1037.5
-45°	350.6	365.8	380.4	394.3	406.2	425.2	443.2	458.6	499.6	534.1	560.4
-47.5°	326.4	340.6	354.1	366.5	377.2	386.8	395.2	403.3	415.2	424.7	434.1
-50°	301.2	313.9	326.5	337.5	344.9	353.5	363.2	368.0	371.1	374.6	381.9
-52.5°	274.8	285.4	296.7	305.1	310.6	315.8	320.6	325.9	329.6	331.3	337.9
-55°	246.1	255.2	264.3	271.4	276.7	280.1	284.0	290.1	293.7	295.1	301.8
-57.5°	217.7	224.6	231.4	239.3	244.9	248.2	253.3	259.6	264.5	268.3	274.1
-60°	190.2	196.6	203.2	210.0	215.8	220.7	226.0	231.3	236.1	240.5	244.7
-62.5°	163.4	171.1	175.2	180.1	186.5	192.3	194.6	197.7	201.3	205.7	210.7
-65°	132.1	138.4	144.2	147.1	147.5	150.7	155.9	159.3	160.9	162.3	164.0
-67.5°	109.6	112.2	116.2	119.2	122.4	124.6	126.9	128.7	130.1	131.6	133.3
-70°	91.6	94.7	97.9	101.1	104.1	106.1	107.4	108.5	109.3	108.8	108.3
-72.5°	76.4	80.3	83.0	85.6	88.0	89.6	90.5	91.2	91.6	85.9	77.8
-75°	62.6	66.5	68.8	70.9	72.8	74.0	74.6	75.0	75.2	68.6	60.2
-77.5°	50.5	53.1	54.4	55.8	57.1	57.6	57.9	58.2	58.6	53.2	46.3
-80°	34.9	36.6	37.6	38.5	39.3	39.3	38.8	37.8	36.6	33.4	30.0
-82.5°	20.7	21.0	21.0	20.9	20.8	21.7	22.6	23.4	24.0	22.2	20.0
-85°	9.3	9.0	8.5	7.9	7.1	7.5	7.9	8.4	8.8	8.2	7.6
-87.5°	1.7	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0	1.8	1.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558701 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-935-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°	1.3	1.0	1.0	1.0	1.0	1.0	1.3	1.5	1.8	2.0	2.0
85°	6.9	6.2	6.2	6.2	6.2	6.2	6.9	7.6	8.2	8.8	8.4
82.5°	17.8	15.3	15.4	15.4	15.4	15.3	17.8	20.0	22.2	24.0	23.4
80°	26.4	22.6	23.1	23.7	23.1	22.6	26.4	30.0	33.4	36.6	37.8
77.5°	38.9	31.1	30.9	30.9	30.9	31.1	38.9	46.3	53.2	58.6	58.2
75°	51.5	42.6	42.1	42.2	42.1	42.6	51.5	60.2	68.6	75.2	75.0
72.5°	69.6	61.0	57.2	53.5	57.2	61.0	69.6	77.8	85.9	91.6	91.2
70°	108.4	108.6	104.8	99.8	104.8	108.6	108.4	108.3	108.8	109.3	108.5
67.5°	134.7	135.8	137.4	138.8	137.4	135.8	134.7	133.3	131.6	130.1	128.7
65°	164.8	164.7	165.3	165.6	165.3	164.7	164.8	164.0	162.3	160.9	159.3
62.5°	215.0	218.5	220.9	222.1	220.9	218.5	215.0	210.7	205.7	201.3	197.7
60°	248.3	251.2	255.2	259.2	255.2	251.2	248.3	244.7	240.5	236.1	231.3
57.5°	279.4	284.2	288.1	291.0	288.1	284.2	279.4	274.1	268.3	264.5	259.6
55°	308.1	313.7	319.1	323.9	319.1	313.7	308.1	301.8	295.1	293.7	290.1
52.5°	344.2	348.8	356.4	366.1	356.4	348.8	344.2	337.9	331.3	329.6	325.9
50°	390.3	397.2	406.9	418.6	406.9	397.2	390.3	381.9	374.6	371.1	368.0
47.5°	443.5	450.5	459.8	472.0	459.8	450.5	443.5	434.1	424.7	415.2	403.3
45°	584.5	600.9	616.0	632.5	616.0	600.9	584.5	560.4	534.1	499.6	458.6
42.5°	1141.8	1213.9	1245.1	1226.9	1245.1	1213.9	1141.8	1037.5	907.4	751.5	630.4
40°	2051.6	2171.5	2242.1	2266.6	2242.1	2171.5	2051.6	1880.7	1656.6	1395.0	1165.0
37.5°	2945.3	3055.7	3115.3	3122.3	3115.3	3055.7	2945.3	2779.4	2552.3	2280.3	1962.4
35°	3670.3	3761.2	3815.0	3855.5	3815.0	3761.2	3670.3	3533.3	3343.6	3091.6	2777.5
32.5°	4321.3	4424.9	4484.8	4471.5	4484.8	4424.9	4321.3	4178.1	4002.2	3776.3	3489.9
30°	4929.6	5042.9	5113.2	5115.3	5113.2	5042.9	4929.6	4771.4	4578.4	4348.6	4092.8
27.5°	5530.9	5658.1	5731.4	5788.9	5731.4	5658.1	5530.9	5346.5	5118.3	4876.3	4594.3
25°	6172.4	6330.9	6425.1	6482.1	6425.1	6330.9	6172.4	5951.1	5685.7	5402.4	5086.7
22.5°	6864.0	7060.4	7189.5	7243.1	7189.5	7060.4	6864.0	6599.3	6278.2	5932.6	5565.1
20°	7616.4	7859.8	8024.5	8019.5	8024.5	7859.8	7616.4	7280.1	6893.5	6477.0	6053.0
17.5°	8455.8	8769.8	8982.3	9013.0	8982.3	8769.8	8455.8	8011.7	7549.2	7065.7	6554.2
15°	9355.9	9760.6	10035.4	10120.6	10035.4	9760.6	9355.9	8833.8	8244.2	7665.4	7057.0
12.5°	10278.1	10759.6	11125.9	11247.7	11125.9	10759.6	10278.1	9659.1	8935.0	8260.8	7558.1
10°	11156.9	11690.2	12087.8	12263.8	12087.8	11690.2	11156.9	10422.5	9642.3	8844.0	8005.5
7.5°	11891.5	12433.3	12842.9	12987.8	12842.9	12433.3	11891.5	11152.0	10223.3	9334.9	8427.6
5°	12375.5	12967.4	13285.9	13465.0	13285.9	12967.4	12375.5	11600.6	10682.1	9708.8	8735.8
2.5°	12698.8	13200.8	13523.3	13688.1	13523.3	13200.8	12698.8	11935.9	11030.3	9968.3	8940.5
0°	12870.6	13381.7	13618.2	13698.4	13618.2	13381.7	12870.6	12107.5	11177.8	10074.3	9071.6
-2.5°	12698.8	13200.8	13523.3	13688.1	13523.3	13200.8	12698.8	11935.9	11030.3	9968.3	8940.5
-5°	12375.5	12967.4	13285.9	13465.0	13285.9	12967.4	12375.5	11600.6	10682.1	9708.8	8735.8
-7.5°	11891.5	12433.3	12842.9	12987.8	12842.9	12433.3	11891.5	11152.0	10223.3	9334.9	8427.6
-10°	11156.9	11690.2	12087.8	12263.8	12087.8	11690.2	11156.9	10422.5	9642.3	8844.0	8005.5
-12.5°	10278.1	10759.6	11125.9	11247.7	11125.9	10759.6	10278.1	9659.1	8935.0	8260.8	7558.1
-15°	9355.9	9760.6	10035.4	10120.6	10035.4	9760.6	9355.9	8833.8	8244.2	7665.4	7057.0
-17.5°	8455.8	8769.8	8982.3	9013.0	8982.3	8769.8	8455.8	8011.7	7549.2	7065.7	6554.2
-20°	7616.4	7859.8	8024.5	8019.5	8024.5	7859.8	7616.4	7280.1	6893.5	6477.0	6053.0



REPORT NUMBER: P558701 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-935-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°	6864.0	7060.4	7189.5	7243.1	7189.5	7060.4	6864.0	6599.3	6278.2	5932.6	5565.1
-25°	6172.4	6330.9	6425.1	6482.1	6425.1	6330.9	6172.4	5951.1	5685.7	5402.4	5086.7
-27.5°	5530.9	5658.1	5731.4	5788.9	5731.4	5658.1	5530.9	5346.5	5118.3	4876.3	4594.3
-30°	4929.6	5042.9	5113.2	5115.3	5113.2	5042.9	4929.6	4771.4	4578.4	4348.6	4092.8
-32.5°	4321.3	4424.9	4484.8	4471.5	4484.8	4424.9	4321.3	4178.1	4002.2	3776.3	3489.9
-35°	3670.3	3761.2	3815.0	3855.5	3815.0	3761.2	3670.3	3533.3	3343.6	3091.6	2777.5
-37.5°	2945.3	3055.7	3115.3	3122.3	3115.3	3055.7	2945.3	2779.4	2552.3	2280.3	1962.4
-40°	2051.6	2171.5	2242.1	2266.6	2242.1	2171.5	2051.6	1880.7	1656.6	1395.0	1165.0
-42.5°	1141.8	1213.9	1245.1	1226.9	1245.1	1213.9	1141.8	1037.5	907.4	751.5	630.4
-45°	584.5	600.9	616.0	632.5	616.0	600.9	584.5	560.4	534.1	499.6	458.6
-47.5°	443.5	450.5	459.8	472.0	459.8	450.5	443.5	434.1	424.7	415.2	403.3
-50°	390.3	397.2	406.9	418.6	406.9	397.2	390.3	381.9	374.6	371.1	368.0
-52.5°	344.2	348.8	356.4	366.1	356.4	348.8	344.2	337.9	331.3	329.6	325.9
-55°	308.1	313.7	319.1	323.9	319.1	313.7	308.1	301.8	295.1	293.7	290.1
-57.5°	279.4	284.2	288.1	291.0	288.1	284.2	279.4	274.1	268.3	264.5	259.6
-60°	248.3	251.2	255.2	259.2	255.2	251.2	248.3	244.7	240.5	236.1	231.3
-62.5°	215.0	218.5	220.9	222.1	220.9	218.5	215.0	210.7	205.7	201.3	197.7
-65°	164.8	164.7	165.3	165.6	165.3	164.7	164.8	164.0	162.3	160.9	159.3
-67.5°	134.7	135.8	137.4	138.8	137.4	135.8	134.7	133.3	131.6	130.1	128.7
-70°	108.4	108.6	104.8	99.8	104.8	108.6	108.4	108.3	108.8	109.3	108.5
-72.5°	69.6	61.0	57.2	53.5	57.2	61.0	69.6	77.8	85.9	91.6	91.2
-75°	51.5	42.6	42.1	42.2	42.1	42.6	51.5	60.2	68.6	75.2	75.0
-77.5°	38.9	31.1	30.9	30.9	30.9	31.1	38.9	46.3	53.2	58.6	58.2
-80°	26.4	22.6	23.1	23.7	23.1	22.6	26.4	30.0	33.4	36.6	37.8
-82.5°	17.8	15.3	15.4	15.4	15.4	15.3	17.8	20.0	22.2	24.0	23.4
-85°	6.9	6.2	6.2	6.2	6.2	6.2	6.9	7.6	8.2	8.8	8.4
-87.5°	1.3	1.0	1.0	1.0	1.0	1.0	1.3	1.5	1.8	2.0	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: P558701 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-935-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°	2.0	1.9	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.5	1.5
85°	7.9	7.5	7.1	7.9	8.5	9.0	9.3	8.2	7.3	6.3	5.5
82.5°	22.6	21.7	20.8	20.9	21.0	21.0	20.7	18.2	15.8	13.6	11.8
80°	38.8	39.3	39.3	38.5	37.6	36.6	34.9	30.3	26.2	22.6	20.1
77.5°	57.9	57.6	57.1	55.8	54.4	53.1	50.5	43.8	37.2	31.3	28.1
75°	74.6	74.0	72.8	70.9	68.8	66.5	62.6	55.9	48.9	41.6	37.7
72.5°	90.5	89.6	88.0	85.6	83.0	80.3	76.4	70.6	63.3	54.7	50.4
70°	107.4	106.1	104.1	101.1	97.9	94.7	91.6	87.4	81.5	74.1	69.8
67.5°	126.9	124.6	122.4	119.2	116.2	112.2	109.6	106.1	101.5	95.2	90.4
65°	155.9	150.7	147.5	147.1	144.2	138.4	132.1	128.0	123.7	117.7	111.2
62.5°	194.6	192.3	186.5	180.1	175.2	171.1	163.4	154.8	147.4	140.7	132.9
60°	226.0	220.7	215.8	210.0	203.2	196.6	190.2	181.9	171.5	163.1	154.5
57.5°	253.3	248.2	244.9	239.3	231.4	224.6	217.7	209.2	199.0	186.8	176.0
55°	284.0	280.1	276.7	271.4	264.3	255.2	246.1	237.1	225.7	211.0	197.7
52.5°	320.6	315.8	310.6	305.1	296.7	285.4	274.8	264.1	250.8	234.9	218.8
50°	363.2	353.5	344.9	337.5	326.5	313.9	301.2	289.2	273.5	257.2	240.3
47.5°	395.2	386.8	377.2	366.5	354.1	340.6	326.4	311.2	294.9	277.9	260.1
45°	443.2	425.2	406.2	394.3	380.4	365.8	350.6	333.4	315.5	297.4	278.8
42.5°	567.8	500.3	456.6	431.3	408.2	391.8	373.5	354.8	335.7	316.4	296.7
40°	931.1	668.6	580.8	495.5	450.3	421.0	397.3	375.4	355.2	334.7	313.9
37.5°	1597.3	1225.4	922.5	648.7	546.8	460.8	425.1	396.8	373.8	352.4	330.6
35°	2434.1	2005.5	1508.9	1104.4	732.9	572.3	461.8	422.2	392.8	369.5	346.5
32.5°	3161.1	2743.6	2263.9	1707.5	1196.5	772.3	570.2	455.9	413.7	386.5	362.0
30°	3779.4	3393.7	2935.6	2381.5	1769.4	1193.3	728.9	542.5	444.9	402.7	376.9
27.5°	4283.9	3937.8	3509.0	3004.9	2380.7	1703.5	1105.9	650.1	491.8	426.9	391.0
25°	4747.2	4382.2	3979.9	3509.4	2941.3	2258.3	1518.4	933.7	584.0	452.9	404.1
22.5°	5187.2	4799.5	4386.2	3930.3	3404.5	2751.8	2013.9	1249.2	677.0	499.8	424.4
20°	5612.6	5185.3	4754.6	4281.0	3755.8	3186.7	2462.4	1627.3	942.6	571.1	443.8
17.5°	6048.3	5559.3	5071.6	4589.6	4057.2	3485.8	2812.0	2007.4	1173.4	635.3	460.5
15°	6461.1	5914.8	5376.7	4846.7	4314.4	3735.3	3103.9	2346.0	1402.5	765.2	508.0
12.5°	6879.0	6243.0	5658.9	5064.6	4530.6	3943.5	3310.8	2577.1	1671.3	924.2	555.1
10°	7257.5	6544.2	5896.5	5267.6	4691.7	4109.6	3477.2	2762.9	1892.4	1054.9	593.8
7.5°	7581.8	6806.1	6094.2	5433.1	4821.2	4248.2	3620.0	2911.0	2058.9	1155.9	624.1
5°	7832.0	6997.4	6246.2	5568.7	4921.8	4342.6	3724.4	3019.0	2171.1	1226.8	645.8
2.5°	7982.5	7113.3	6335.3	5652.9	4984.4	4396.5	3779.7	3088.0	2242.6	1272.6	661.8
0°	8047.3	7148.5	6400.8	5709.7	5008.4	4419.1	3778.4	3114.0	2268.7	1289.6	669.5
-2.5°	7982.5	7113.3	6335.3	5652.9	4984.4	4396.5	3779.7	3088.0	2242.6	1272.6	661.8
-5°	7832.0	6997.4	6246.2	5568.7	4921.8	4342.6	3724.4	3019.0	2171.1	1226.8	645.8
-7.5°	7581.8	6806.1	6094.2	5433.1	4821.2	4248.2	3620.0	2911.0	2058.9	1155.9	624.1
-10°	7257.5	6544.2	5896.5	5267.6	4691.7	4109.6	3477.2	2762.9	1892.4	1054.9	593.8
-12.5°	6879.0	6243.0	5658.9	5064.6	4530.6	3943.5	3310.8	2577.1	1671.3	924.2	555.1
-15°	6461.1	5914.8	5376.7	4846.7	4314.4	3735.3	3103.9	2346.0	1402.5	765.2	508.0
-17.5°	6048.3	5559.3	5071.6	4589.6	4057.2	3485.8	2812.0	2007.4	1173.4	635.3	460.5
-20°	5612.6	5185.3	4754.6	4281.0	3755.8	3186.7	2462.4	1627.3	942.6	571.1	443.8



REPORT NUMBER: P558701 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-935-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5187.2	4799.5	4386.2	3930.3	3404.5	2751.8	2013.9	1249.2	677.0	499.8	424.4
-25°	4747.2	4382.2	3979.9	3509.4	2941.3	2258.3	1518.4	933.7	584.0	452.9	404.1
-27.5°	4283.9	3937.8	3509.0	3004.9	2380.7	1703.5	1105.9	650.1	491.8	426.9	391.0
-30°	3779.4	3393.7	2935.6	2381.5	1769.4	1193.3	728.9	542.5	444.9	402.7	376.9
-32.5°	3161.1	2743.6	2263.9	1707.5	1196.5	772.3	570.2	455.9	413.7	386.5	362.0
-35°	2434.1	2005.5	1508.9	1104.4	732.9	572.3	461.8	422.2	392.8	369.5	346.5
-37.5°	1597.3	1225.4	922.5	648.7	546.8	460.8	425.1	396.8	373.8	352.4	330.6
-40°	931.1	668.6	580.8	495.5	450.3	421.0	397.3	375.4	355.2	334.7	313.9
-42.5°	567.8	500.3	456.6	431.3	408.2	391.8	373.5	354.8	335.7	316.4	296.7
-45°	443.2	425.2	406.2	394.3	380.4	365.8	350.6	333.4	315.5	297.4	278.8
-47.5°	395.2	386.8	377.2	366.5	354.1	340.6	326.4	311.2	294.9	277.9	260.1
-50°	363.2	353.5	344.9	337.5	326.5	313.9	301.2	289.2	273.5	257.2	240.3
-52.5°	320.6	315.8	310.6	305.1	296.7	285.4	274.8	264.1	250.8	234.9	218.8
-55°	284.0	280.1	276.7	271.4	264.3	255.2	246.1	237.1	225.7	211.0	197.7
-57.5°	253.3	248.2	244.9	239.3	231.4	224.6	217.7	209.2	199.0	186.8	176.0
-60°	226.0	220.7	215.8	210.0	203.2	196.6	190.2	181.9	171.5	163.1	154.5
-62.5°	194.6	192.3	186.5	180.1	175.2	171.1	163.4	154.8	147.4	140.7	132.9
-65°	155.9	150.7	147.5	147.1	144.2	138.4	132.1	128.0	123.7	117.7	111.2
-67.5°	126.9	124.6	122.4	119.2	116.2	112.2	109.6	106.1	101.5	95.2	90.4
-70°	107.4	106.1	104.1	101.1	97.9	94.7	91.6	87.4	81.5	74.1	69.8
-72.5°	90.5	89.6	88.0	85.6	83.0	80.3	76.4	70.6	63.3	54.7	50.4
-75°	74.6	74.0	72.8	70.9	68.8	66.5	62.6	55.9	48.9	41.6	37.7
-77.5°	57.9	57.6	57.1	55.8	54.4	53.1	50.5	43.8	37.2	31.3	28.1
-80°	38.8	39.3	39.3	38.5	37.6	36.6	34.9	30.3	26.2	22.6	20.1
-82.5°	22.6	21.7	20.8	20.9	21.0	21.0	20.7	18.2	15.8	13.6	11.8
-85°	7.9	7.5	7.1	7.9	8.5	9.0	9.3	8.2	7.3	6.3	5.5
-87.5°	2.0	1.9	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.5	1.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P558701 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-935-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°	1.8	2.0	2.2	2.4	2.5	2.6	2.6	2.6	2.5	2.3	2.1
85°	5.9	6.1	6.1	5.9	5.6	5.2	5.3	5.2	4.9	4.6	4.2
82.5°	12.3	12.8	13.1	13.0	12.2	11.3	10.4	9.5	8.5	7.1	6.3
80°	21.2	21.9	22.1	21.6	19.5	17.5	16.1	14.8	13.7	12.2	10.2
77.5°	30.2	31.6	32.1	31.4	28.6	25.8	23.0	20.5	19.0	17.3	15.1
75°	39.5	41.6	42.8	42.0	38.5	34.1	30.6	27.6	25.4	22.6	20.0
72.5°	51.3	52.3	53.4	53.2	50.1	45.7	39.9	34.8	32.4	29.2	25.2
70°	67.0	64.1	63.4	63.0	61.1	57.6	51.8	45.1	39.4	35.8	31.3
67.5°	86.3	82.2	78.1	73.7	71.4	68.3	63.6	55.7	48.3	42.4	37.4
65°	105.3	99.9	94.8	88.3	83.0	79.0	74.2	65.7	56.8	49.4	43.5
62.5°	124.8	116.8	110.0	102.4	95.4	89.7	84.6	75.0	64.9	56.0	49.1
60°	145.1	135.6	125.2	116.1	107.6	99.9	93.2	84.1	73.2	62.3	54.2
57.5°	165.8	154.6	141.9	130.1	119.9	110.5	101.3	92.1	81.4	69.3	58.6
55°	186.1	173.8	158.6	144.5	132.2	121.4	109.9	99.4	89.1	76.5	61.9
52.5°	204.3	191.5	176.3	159.3	144.5	131.9	119.1	106.6	95.6	83.4	66.3
50°	222.9	207.0	192.5	175.6	156.8	142.2	128.1	114.6	102.0	89.9	70.5
47.5°	242.2	223.6	206.7	190.8	171.7	152.1	137.1	122.4	108.2	95.5	74.1
45°	259.9	240.7	221.3	203.7	185.5	163.8	145.9	129.9	115.0	98.3	77.2
42.5°	276.8	256.7	236.3	216.1	197.0	175.2	154.5	137.6	121.4	100.5	79.4
40°	292.9	271.8	250.5	229.4	208.6	185.6	163.8	145.0	127.1	102.5	80.8
37.5°	308.3	286.1	263.8	242.1	220.4	196.4	172.4	152.1	129.9	104.5	81.9
35°	323.1	299.7	277.1	254.3	231.5	207.3	180.0	158.9	134.0	106.3	82.4
32.5°	337.3	312.9	289.7	266.1	242.0	218.3	188.7	165.1	139.1	107.7	82.6
30°	351.1	325.9	301.4	277.3	252.0	227.5	198.4	171.2	145.0	108.8	82.6
27.5°	364.2	337.8	312.4	287.6	261.7	236.0	207.9	177.2	151.6	110.9	83.1
25°	376.3	349.0	322.7	297.0	270.8	244.1	216.6	183.1	157.2	115.4	83.4
22.5°	387.5	359.1	331.9	305.6	279.7	251.9	224.0	190.4	161.7	120.1	83.2
20°	397.7	368.2	340.6	314.7	287.8	259.3	230.3	196.9	166.0	124.8	82.8
17.5°	407.8	377.6	350.5	323.4	295.2	266.1	236.2	202.8	169.9	129.5	82.0
15°	423.9	387.8	359.6	331.5	302.1	272.2	241.6	207.9	173.5	134.0	81.8
12.5°	438.4	396.8	367.8	339.0	308.4	277.5	246.4	212.3	176.7	137.1	82.1
10°	450.5	404.8	375.0	345.8	314.0	282.1	250.7	216.1	179.4	138.4	81.9
7.5°	460.5	411.7	381.2	351.9	319.3	286.5	254.6	219.3	181.9	138.5	81.2
5°	469.0	419.1	389.0	358.5	325.5	290.8	257.9	221.7	184.3	137.6	80.2
2.5°	478.8	428.1	397.5	364.4	330.8	294.4	260.5	223.3	186.1	135.6	78.8
0°	486.4	436.0	405.2	369.2	335.3	297.2	262.2	224.2	187.2	132.7	77.1
-2.5°	478.8	428.1	397.5	364.4	330.8	294.4	260.5	223.3	186.1	135.6	78.8
-5°	469.0	419.1	389.0	358.5	325.5	290.8	257.9	221.7	184.3	137.6	80.2
-7.5°	460.5	411.7	381.2	351.9	319.3	286.5	254.6	219.3	181.9	138.5	81.2
-10°	450.5	404.8	375.0	345.8	314.0	282.1	250.7	216.1	179.4	138.4	81.9
-12.5°	438.4	396.8	367.8	339.0	308.4	277.5	246.4	212.3	176.7	137.1	82.1
-15°	423.9	387.8	359.6	331.5	302.1	272.2	241.6	207.9	173.5	134.0	81.8
-17.5°	407.8	377.6	350.5	323.4	295.2	266.1	236.2	202.8	169.9	129.5	82.0
-20°	397.7	368.2	340.6	314.7	287.8	259.3	230.3	196.9	166.0	124.8	82.8



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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°	387.5	359.1	331.9	305.6	279.7	251.9	224.0	190.4	161.7	120.1	83.2
-25°	376.3	349.0	322.7	297.0	270.8	244.1	216.6	183.1	157.2	115.4	83.4
-27.5°	364.2	337.8	312.4	287.6	261.7	236.0	207.9	177.2	151.6	110.9	83.1
-30°	351.1	325.9	301.4	277.3	252.0	227.5	198.4	171.2	145.0	108.8	82.6
-32.5°	337.3	312.9	289.7	266.1	242.0	218.3	188.7	165.1	139.1	107.7	82.6
-35°	323.1	299.7	277.1	254.3	231.5	207.3	180.0	158.9	134.0	106.3	82.4
-37.5°	308.3	286.1	263.8	242.1	220.4	196.4	172.4	152.1	129.9	104.5	81.9
-40°	292.9	271.8	250.5	229.4	208.6	185.6	163.8	145.0	127.1	102.5	80.8
-42.5°	276.8	256.7	236.3	216.1	197.0	175.2	154.5	137.6	121.4	100.5	79.4
-45°	259.9	240.7	221.3	203.7	185.5	163.8	145.9	129.9	115.0	98.3	77.2
-47.5°	242.2	223.6	206.7	190.8	171.7	152.1	137.1	122.4	108.2	95.5	74.1
-50°	222.9	207.0	192.5	175.6	156.8	142.2	128.1	114.6	102.0	89.9	70.5
-52.5°	204.3	191.5	176.3	159.3	144.5	131.9	119.1	106.6	95.6	83.4	66.3
-55°	186.1	173.8	158.6	144.5	132.2	121.4	109.9	99.4	89.1	76.5	61.9
-57.5°	165.8	154.6	141.9	130.1	119.9	110.5	101.3	92.1	81.4	69.3	58.6
-60°	145.1	135.6	125.2	116.1	107.6	99.9	93.2	84.1	73.2	62.3	54.2
-62.5°	124.8	116.8	110.0	102.4	95.4	89.7	84.6	75.0	64.9	56.0	49.1
-65°	105.3	99.9	94.8	88.3	83.0	79.0	74.2	65.7	56.8	49.4	43.5
-67.5°	86.3	82.2	78.1	73.7	71.4	68.3	63.6	55.7	48.3	42.4	37.4
-70°	67.0	64.1	63.4	63.0	61.1	57.6	51.8	45.1	39.4	35.8	31.3
-72.5°	51.3	52.3	53.4	53.2	50.1	45.7	39.9	34.8	32.4	29.2	25.2
-75°	39.5	41.6	42.8	42.0	38.5	34.1	30.6	27.6	25.4	22.6	20.0
-77.5°	30.2	31.6	32.1	31.4	28.6	25.8	23.0	20.5	19.0	17.3	15.1
-80°	21.2	21.9	22.1	21.6	19.5	17.5	16.1	14.8	13.7	12.2	10.2
-82.5°	12.3	12.8	13.1	13.0	12.2	11.3	10.4	9.5	8.5	7.1	6.3
-85°	5.9	6.1	6.1	5.9	5.6	5.2	5.3	5.2	4.9	4.6	4.2
-87.5°	1.8	2.0	2.2	2.4	2.5	2.6	2.6	2.6	2.5	2.3	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



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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°	1.9	1.4	1.1	0.7	0.4	0.2	0.0
85°	3.7	2.9	2.1	1.5	0.9	0.4	0.0
82.5°	5.6	4.3	3.2	2.2	1.3	0.7	0.0
80°	7.7	5.7	4.2	2.9	1.8	0.9	0.0
77.5°	12.1	7.8	5.3	3.6	2.2	1.1	0.0
75°	16.4	11.1	6.5	4.3	2.6	1.3	0.0
72.5°	20.5	14.4	9.0	5.0	3.1	1.5	0.0
70°	24.7	17.6	11.3	5.8	3.5	1.7	0.0
67.5°	29.6	20.7	13.6	7.5	3.9	2.0	0.0
65°	34.3	24.0	15.9	9.0	4.3	2.2	0.0
62.5°	38.8	27.4	18.0	10.5	4.7	2.4	0.0
60°	43.0	30.8	20.0	12.0	5.1	2.5	0.0
57.5°	45.9	33.9	22.4	13.3	6.0	2.7	0.0
55°	48.3	36.8	24.6	14.7	6.9	2.9	0.0
52.5°	50.4	39.4	26.7	15.9	7.7	3.1	0.0
50°	52.2	40.6	28.6	17.1	8.6	3.3	0.0
47.5°	53.7	41.6	30.4	18.2	9.4	3.4	0.0
45°	56.3	42.4	32.1	19.5	10.1	3.6	0.0
42.5°	58.5	42.9	33.6	20.6	10.8	3.8	0.0
40°	60.3	43.1	34.4	21.8	11.5	3.9	0.0
37.5°	61.7	43.1	34.5	23.0	12.1	4.0	0.0
35°	62.7	43.7	34.4	24.2	12.7	4.2	0.0
32.5°	63.2	44.3	34.2	25.3	13.3	4.3	0.0
30°	63.2	44.7	33.9	26.4	13.8	4.4	0.0
27.5°	62.8	44.9	34.2	27.5	14.3	4.5	0.0
25°	62.1	44.7	34.6	28.5	14.7	4.6	0.0
22.5°	61.1	44.8	35.0	29.5	15.1	4.7	0.0
20°	59.9	46.0	35.2	30.4	15.4	4.8	0.0
17.5°	59.9	47.0	35.5	31.3	15.7	4.9	0.0
15°	60.8	47.9	35.6	32.1	16.0	4.9	0.0
12.5°	61.5	48.7	35.8	32.8	16.2	5.0	0.0
10°	62.1	49.3	35.9	33.4	16.3	5.0	0.0
7.5°	62.5	49.8	35.9	33.9	16.4	5.1	0.0
5°	62.7	50.1	36.0	34.4	16.5	5.1	0.0
2.5°	62.8	50.3	36.0	34.7	16.5	5.1	0.0
0°	62.7	50.4	36.0	35.0	16.5	5.1	0.0
-2.5°	62.8	50.3	36.0	34.7	16.5	5.1	0.0
-5°	62.7	50.1	36.0	34.4	16.5	5.1	0.0
-7.5°	62.5	49.8	35.9	33.9	16.4	5.1	0.0
-10°	62.1	49.3	35.9	33.4	16.3	5.0	0.0
-12.5°	61.5	48.7	35.8	32.8	16.2	5.0	0.0
-15°	60.8	47.9	35.6	32.1	16.0	4.9	0.0
-17.5°	59.9	47.0	35.5	31.3	15.7	4.9	0.0
-20°	59.9	46.0	35.2	30.4	15.4	4.8	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	61.1	44.8	35.0	29.5	15.1	4.7	0.0
-25°	62.1	44.7	34.6	28.5	14.7	4.6	0.0
-27.5°	62.8	44.9	34.2	27.5	14.3	4.5	0.0
-30°	63.2	44.7	33.9	26.4	13.8	4.4	0.0
-32.5°	63.2	44.3	34.2	25.3	13.3	4.3	0.0
-35°	62.7	43.7	34.4	24.2	12.7	4.2	0.0
-37.5°	61.7	43.1	34.5	23.0	12.1	4.0	0.0
-40°	60.3	43.1	34.4	21.8	11.5	3.9	0.0
-42.5°	58.5	42.9	33.6	20.6	10.8	3.8	0.0
-45°	56.3	42.4	32.1	19.5	10.1	3.6	0.0
-47.5°	53.7	41.6	30.4	18.2	9.4	3.4	0.0
-50°	52.2	40.6	28.6	17.1	8.6	3.3	0.0
-52.5°	50.4	39.4	26.7	15.9	7.7	3.1	0.0
-55°	48.3	36.8	24.6	14.7	6.9	2.9	0.0
-57.5°	45.9	33.9	22.4	13.3	6.0	2.7	0.0
-60°	43.0	30.8	20.0	12.0	5.1	2.5	0.0
-62.5°	38.8	27.4	18.0	10.5	4.7	2.4	0.0
-65°	34.3	24.0	15.9	9.0	4.3	2.2	0.0
-67.5°	29.6	20.7	13.6	7.5	3.9	2.0	0.0
-70°	24.7	17.6	11.3	5.8	3.5	1.7	0.0
-72.5°	20.5	14.4	9.0	5.0	3.1	1.5	0.0
-75°	16.4	11.1	6.5	4.3	2.6	1.3	0.0
-77.5°	12.1	7.8	5.3	3.6	2.2	1.1	0.0
-80°	7.7	5.7	4.2	2.9	1.8	0.9	0.0
-82.5°	5.6	4.3	3.2	2.2	1.3	0.7	0.0
-85°	3.7	2.9	2.1	1.5	0.9	0.4	0.0
-87.5°	1.9	1.4	1.1	0.7	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)