

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: P558957 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4D-935-U-MWR-XX**

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558957 (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-SA4D-935-U-MWR-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQUARE, MEDIUM WIDE SYMMETRICAL ROUND N5  
Light Source: (64) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

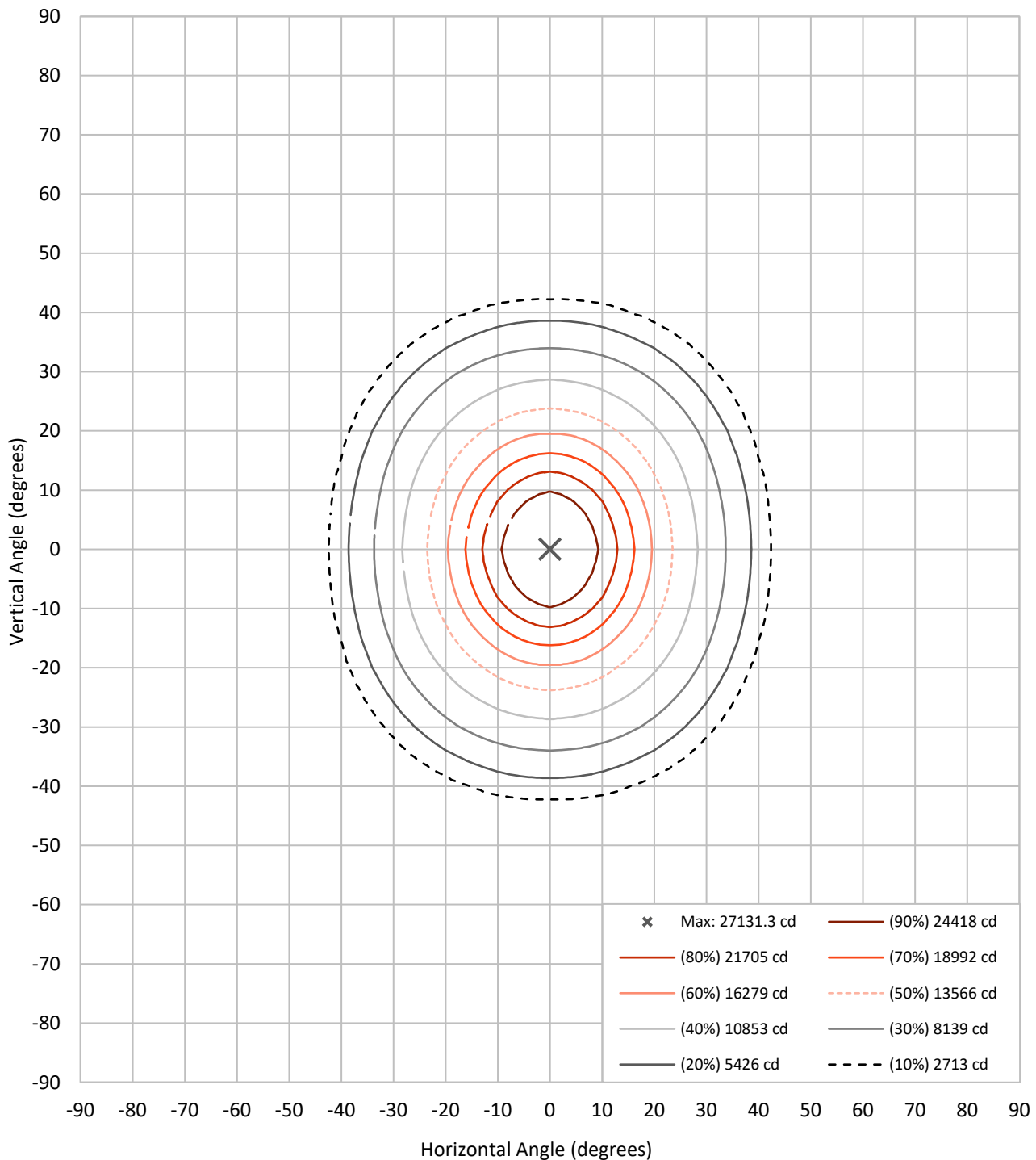
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	21120.3 lumens	Max Intensity:	27131.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	97.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	9965.9 lumens	Field Lumens:	19177.1 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 217  
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





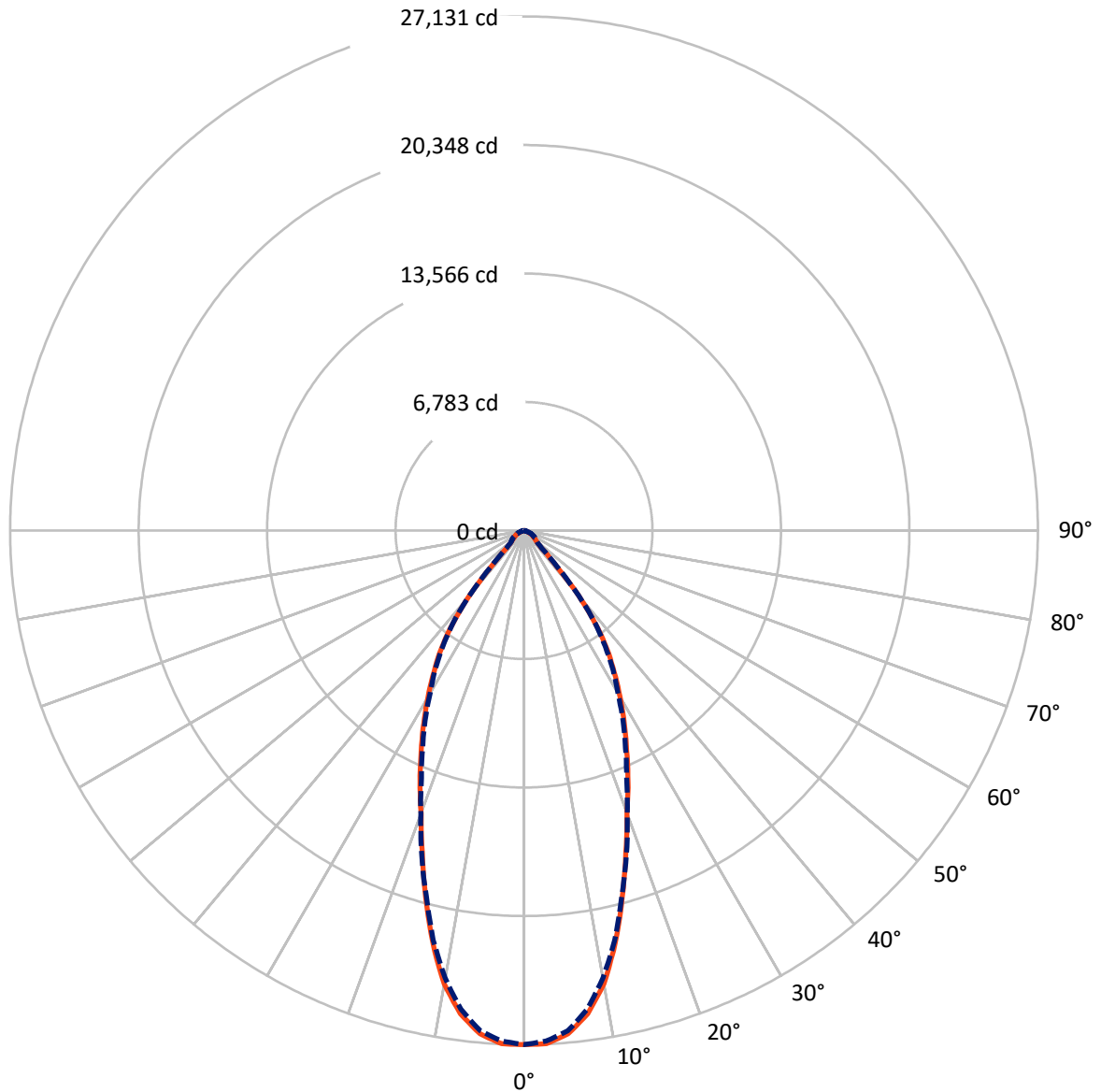
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### Lumen Table

90																			
80	0.3	2.6		5.8		9.5		7.4		9.5		5.8		2.6		0.3			
70																			
60	1.5	1.7	3.1	4.8	6.7	8.4	9.7	10.5	10.5	9.7	8.4	6.7	4.8	3.1	1.7	1.5			
50		2.6	5.1	8.5	12.1	15.2	17.3	19.1	19.1	17.3	15.2	12.1	8.5	5.1	2.6				
40	2.3	3.4	7.1	11.9	17.3	23.7	37.5	52.5	52.5	37.5	23.7	17.3	11.9	7.1	3.4	2.3			
30		4.1	8.8	14.8	27.8	89.0	173.3	220.8	220.8	173.3	89.0	27.8	14.8	8.8	4.1				
20	2.5	4.8	10.3	18.6	81.4	212.6	313.8	379.9	379.9	313.8	212.6	81.4	18.6	10.3	4.8	2.5			
10		5.3	11.5	28.4	148.0	293.5	445.9	580.4	580.4	445.9	293.5	148.0	28.4	11.5	5.3				
0	2.6	5.7	12.4	39.2	180.3	342.5	560.9	758.6	758.6	560.9	342.5	180.3	39.2	12.4	5.7	2.6			
-10		5.7	12.4	39.2	180.3	342.5	560.9	758.6	758.6	560.9	342.5	180.3	39.2	12.4	5.7				
-20	2.5	5.3	11.5	28.4	148.0	293.5	445.9	580.4	580.4	445.9	293.5	148.0	28.4	11.5	5.3	2.5			
-30		4.8	10.3	18.6	81.4	212.6	313.8	379.9	379.9	313.8	212.6	81.4	18.6	10.3	4.8				
-40	2.3	4.1	8.8	14.8	27.8	89.0	173.3	220.8	220.8	173.3	89.0	27.8	14.8	8.8	4.1	2.3			
-50		3.4	7.1	11.9	17.3	23.7	37.5	52.5	52.5	37.5	23.7	17.3	11.9	7.1	3.4				
-60	1.5	2.6	5.1	8.5	12.1	15.2	17.3	19.1	19.1	17.3	15.2	12.1	8.5	5.1	2.6	1.5			
-70		1.7	3.1	4.8	6.7	8.4	9.7	10.5	10.5	9.7	8.4	6.7	4.8	3.1	1.7				
-80																			
-90	0.3	2.6		5.8		9.5		7.4		9.5		5.8		2.6		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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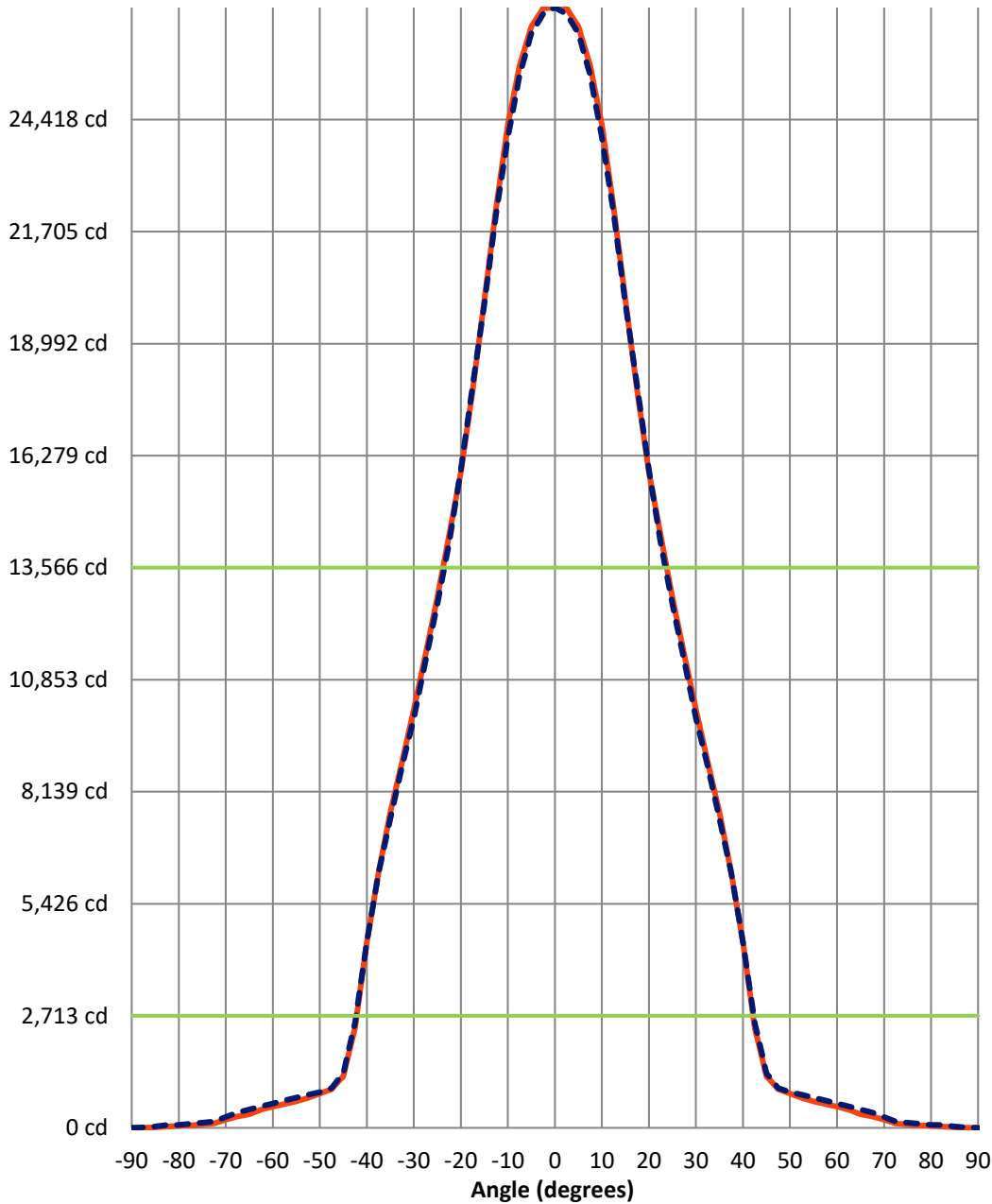
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 47°  
V Angle: 47.6°  
Lumens: 9965.9  
Efficiency: 47.2%

**Field:**  
H Angle: 84.6°  
V Angle: 84.3°  
Lumens: 19177.1  
Efficiency: 90.8%

**Spill:**  
Lumens: 1943.1  
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	0.4	0.9	1.5	2.1	2.9	3.7	4.1	4.5	4.9	5.2
85°	0.0	0.9	1.8	2.9	4.2	5.7	7.4	8.3	9.1	9.7	10.3
82.5°	0.0	1.3	2.7	4.4	6.3	8.6	11.0	12.4	14.0	16.7	18.8
80°	0.0	1.8	3.5	5.8	8.4	11.4	15.3	20.2	24.1	27.1	29.2
77.5°	0.0	2.2	4.4	7.2	10.5	15.5	23.9	29.9	34.3	37.6	40.6
75°	0.0	2.6	5.3	8.6	13.0	22.1	32.4	39.5	44.8	50.4	54.7
72.5°	0.0	3.1	6.1	10.0	17.8	28.6	40.7	49.9	57.8	64.1	68.9
70°	0.0	3.5	7.0	11.7	22.5	34.8	49.0	62.0	70.9	78.1	89.3
67.5°	0.0	3.9	7.8	14.8	27.0	40.9	58.6	74.1	84.0	95.6	110.4
65°	0.0	4.3	8.6	17.9	31.4	47.4	67.9	86.2	97.8	112.4	130.2
62.5°	0.0	4.7	9.4	20.9	35.6	54.3	76.7	97.2	110.9	128.7	148.5
60°	0.0	5.1	10.2	23.7	39.7	60.9	85.1	107.2	123.4	145.1	166.6
57.5°	0.0	5.5	12.0	26.4	44.3	67.1	90.9	116.1	137.3	161.3	182.4
55°	0.0	5.8	13.7	29.0	48.7	72.9	95.7	122.5	151.5	176.5	196.9
52.5°	0.0	6.2	15.4	31.5	52.8	77.9	99.8	131.3	165.4	189.5	211.2
50°	0.0	6.6	17.0	33.8	56.7	80.4	103.3	139.5	178.2	202.1	227.0
47.5°	0.0	6.9	18.6	36.1	60.2	82.4	106.4	146.8	189.2	214.4	242.5
45°	0.0	7.2	20.0	38.5	63.5	83.9	111.6	152.9	194.8	227.7	257.3
42.5°	0.0	7.5	21.5	40.7	66.4	84.9	115.9	157.3	199.1	240.5	272.5
40°	0.0	7.8	22.8	43.0	68.0	85.4	119.5	160.2	202.9	251.8	287.2
37.5°	0.0	8.1	24.0	45.5	68.2	85.4	122.3	162.2	207.1	257.3	301.2
35°	0.0	8.4	25.2	47.8	68.1	86.5	124.2	163.3	210.6	265.5	314.8
32.5°	0.0	8.6	26.3	50.1	67.7	87.8	125.2	163.6	213.4	275.6	327.1
30°	0.0	8.8	27.3	52.3	67.0	88.6	125.1	163.6	215.6	287.2	339.2
27.5°	0.0	9.0	28.2	54.4	67.8	88.9	124.4	164.7	219.8	300.3	351.0
25°	0.0	9.2	29.1	56.5	68.5	88.6	123.0	165.1	228.6	311.3	362.7
22.5°	0.0	9.4	29.8	58.4	69.2	88.8	121.0	164.9	237.8	320.3	377.1
20°	0.0	9.6	30.5	60.2	69.8	91.1	118.5	164.0	247.2	328.7	390.0
17.5°	0.0	9.7	31.1	61.9	70.2	93.1	118.7	162.5	256.5	336.5	401.7
15°	0.0	9.9	31.6	63.4	70.6	94.9	120.4	162.0	265.4	343.6	411.9
12.5°	0.0	10.0	31.9	64.8	70.8	96.4	121.9	162.7	271.5	349.9	420.6
10°	0.0	10.0	32.3	66.1	71.0	97.6	123.0	162.3	274.0	355.2	428.1
7.5°	0.0	10.1	32.5	67.2	71.2	98.6	123.8	161.0	274.3	360.3	434.4
5°	0.0	10.2	32.6	68.1	71.3	99.2	124.3	158.9	272.4	364.9	439.1
2.5°	0.0	10.2	32.6	68.8	71.3	99.7	124.4	156.1	268.6	368.5	442.3
0°	0.0	10.2	32.6	69.3	71.3	99.8	124.3	152.8	262.8	370.7	444.0
-2.5°	0.0	10.2	32.6	68.8	71.3	99.7	124.4	156.1	268.6	368.5	442.3
-5°	0.0	10.2	32.6	68.1	71.3	99.2	124.3	158.9	272.4	364.9	439.1
-7.5°	0.0	10.1	32.5	67.2	71.2	98.6	123.8	161.0	274.3	360.3	434.4
-10°	0.0	10.0	32.3	66.1	71.0	97.6	123.0	162.3	274.0	355.2	428.1
-12.5°	0.0	10.0	31.9	64.8	70.8	96.4	121.9	162.7	271.5	349.9	420.6
-15°	0.0	9.9	31.6	63.4	70.6	94.9	120.4	162.0	265.4	343.6	411.9
-17.5°	0.0	9.7	31.1	61.9	70.2	93.1	118.7	162.5	256.5	336.5	401.7
-20°	0.0	9.6	30.5	60.2	69.8	91.1	118.5	164.0	247.2	328.7	390.0



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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	9.4	29.8	58.4	69.2	88.8	121.0	164.9	237.8	320.3	377.1
-25°	0.0	9.2	29.1	56.5	68.5	88.6	123.0	165.1	228.6	311.3	362.7
-27.5°	0.0	9.0	28.2	54.4	67.8	88.9	124.4	164.7	219.8	300.3	351.0
-30°	0.0	8.8	27.3	52.3	67.0	88.6	125.1	163.6	215.6	287.2	339.2
-32.5°	0.0	8.6	26.3	50.1	67.7	87.8	125.2	163.6	213.4	275.6	327.1
-35°	0.0	8.4	25.2	47.8	68.1	86.5	124.2	163.3	210.6	265.5	314.8
-37.5°	0.0	8.1	24.0	45.5	68.2	85.4	122.3	162.2	207.1	257.3	301.2
-40°	0.0	7.8	22.8	43.0	68.0	85.4	119.5	160.2	202.9	251.8	287.2
-42.5°	0.0	7.5	21.5	40.7	66.4	84.9	115.9	157.3	199.1	240.5	272.5
-45°	0.0	7.2	20.0	38.5	63.5	83.9	111.6	152.9	194.8	227.7	257.3
-47.5°	0.0	6.9	18.6	36.1	60.2	82.4	106.4	146.8	189.2	214.4	242.5
-50°	0.0	6.6	17.0	33.8	56.7	80.4	103.3	139.5	178.2	202.1	227.0
-52.5°	0.0	6.2	15.4	31.5	52.8	77.9	99.8	131.3	165.4	189.5	211.2
-55°	0.0	5.8	13.7	29.0	48.7	72.9	95.7	122.5	151.5	176.5	196.9
-57.5°	0.0	5.5	12.0	26.4	44.3	67.1	90.9	116.1	137.3	161.3	182.4
-60°	0.0	5.1	10.2	23.7	39.7	60.9	85.1	107.2	123.4	145.1	166.6
-62.5°	0.0	4.7	9.4	20.9	35.6	54.3	76.7	97.2	110.9	128.7	148.5
-65°	0.0	4.3	8.6	17.9	31.4	47.4	67.9	86.2	97.8	112.4	130.2
-67.5°	0.0	3.9	7.8	14.8	27.0	40.9	58.6	74.1	84.0	95.6	110.4
-70°	0.0	3.5	7.0	11.7	22.5	34.8	49.0	62.0	70.9	78.1	89.3
-72.5°	0.0	3.1	6.1	10.0	17.8	28.6	40.7	49.9	57.8	64.1	68.9
-75°	0.0	2.6	5.3	8.6	13.0	22.1	32.4	39.5	44.8	50.4	54.7
-77.5°	0.0	2.2	4.4	7.2	10.5	15.5	23.9	29.9	34.3	37.6	40.6
-80°	0.0	1.8	3.5	5.8	8.4	11.4	15.3	20.2	24.1	27.1	29.2
-82.5°	0.0	1.3	2.7	4.4	6.3	8.6	11.0	12.4	14.0	16.7	18.8
-85°	0.0	0.9	1.8	2.9	4.2	5.7	7.4	8.3	9.1	9.7	10.3
-87.5°	0.0	0.4	0.9	1.5	2.1	2.9	3.7	4.1	4.5	4.9	5.2
-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°	5.2	5.1	4.9	4.7	4.3	3.9	3.5	2.9	3.0	3.1	3.3
85°	10.3	10.2	11.0	11.7	12.0	12.0	11.6	10.9	12.5	14.3	16.3
82.5°	20.6	22.4	24.1	25.8	25.8	25.3	24.4	23.4	26.9	31.4	36.1
80°	31.9	34.6	38.6	42.7	43.8	43.4	42.0	39.8	44.7	52.0	60.1
77.5°	45.6	51.1	56.7	62.3	63.7	62.5	59.8	55.6	61.9	73.6	86.6
75°	60.6	67.6	76.4	83.3	84.8	82.4	78.3	74.6	82.3	96.8	110.8
72.5°	79.1	90.5	99.3	105.4	105.8	103.6	101.6	99.7	108.2	125.5	139.8
70°	102.7	114.2	121.0	124.7	125.5	126.9	132.7	138.2	146.7	161.4	173.2
67.5°	126.2	135.3	141.4	145.8	154.6	162.9	170.9	179.1	188.6	201.1	210.0
65°	147.0	156.4	164.5	175.0	187.8	197.9	208.6	220.2	233.2	245.0	253.5
62.5°	167.6	177.6	189.0	203.0	217.8	231.4	247.1	263.2	278.8	292.1	306.7
60°	184.6	198.0	213.2	230.0	247.9	268.5	287.4	306.0	323.0	339.7	360.2
57.5°	200.7	218.9	237.5	257.6	281.1	306.2	328.3	348.7	370.1	394.2	414.4
55°	217.6	240.4	261.8	286.2	314.1	344.3	368.6	391.6	417.9	447.0	469.6
52.5°	235.9	261.1	286.2	315.5	349.2	379.2	404.7	433.3	465.3	496.8	523.0
50°	253.6	281.5	310.6	347.8	381.2	409.9	441.4	476.1	509.4	541.8	572.8
47.5°	271.5	301.3	340.0	377.9	409.2	442.9	479.7	515.3	550.3	584.0	616.5
45°	289.0	324.3	367.4	403.3	438.2	476.8	514.9	552.1	589.0	624.8	660.3
42.5°	305.9	347.0	390.2	427.9	468.1	508.5	548.2	587.6	626.5	665.0	702.7
40°	324.4	367.6	413.1	454.3	496.2	538.3	580.1	621.7	662.8	703.5	743.6
37.5°	341.4	389.0	436.4	479.6	522.6	566.7	610.5	654.7	697.9	740.3	786.0
35°	356.6	410.6	458.5	503.7	548.8	593.5	640.0	686.4	732.0	777.9	836.2
32.5°	373.7	432.4	479.4	527.0	573.7	619.8	668.0	717.1	765.6	819.3	903.1
30°	393.0	450.6	499.1	549.2	597.1	645.4	695.3	746.6	797.6	881.2	1074.4
27.5°	411.7	467.4	518.3	569.6	618.9	669.1	721.4	774.4	845.6	974.1	1287.6
25°	429.1	483.4	536.4	588.3	639.1	691.2	745.3	800.4	897.0	1156.6	1849.3
22.5°	443.8	498.9	554.0	605.4	657.4	711.3	767.5	840.6	990.0	1340.9	2474.1
20°	456.2	513.7	569.9	623.4	674.6	729.2	787.6	878.9	1131.2	1866.9	3223.0
17.5°	467.8	527.1	584.7	640.5	694.3	747.8	807.7	912.1	1258.3	2324.0	3975.9
15°	478.5	539.1	598.4	656.6	712.3	768.0	839.6	1006.1	1515.5	2777.8	4646.5
12.5°	488.1	549.6	610.9	671.4	728.4	786.0	868.2	1099.5	1830.4	3310.2	5104.3
10°	496.5	558.7	622.0	684.9	742.7	801.8	892.3	1176.2	2089.4	3748.1	5472.2
7.5°	504.3	567.4	632.4	696.9	755.0	815.3	912.0	1236.0	2289.4	4077.9	5765.7
5°	510.8	576.0	644.6	710.1	770.4	830.1	929.0	1279.1	2429.9	4300.1	5979.5
2.5°	515.9	583.1	655.2	721.6	787.4	848.0	948.3	1310.8	2520.5	4441.7	6116.2
0°	519.4	588.7	664.0	731.2	802.5	863.6	963.4	1326.0	2554.3	4493.4	6167.7
-2.5°	515.9	583.1	655.2	721.6	787.4	848.0	948.3	1310.8	2520.5	4441.7	6116.2
-5°	510.8	576.0	644.6	710.1	770.4	830.1	929.0	1279.1	2429.9	4300.1	5979.5
-7.5°	504.3	567.4	632.4	696.9	755.0	815.3	912.0	1236.0	2289.4	4077.9	5765.7
-10°	496.5	558.7	622.0	684.9	742.7	801.8	892.3	1176.2	2089.4	3748.1	5472.2
-12.5°	488.1	549.6	610.9	671.4	728.4	786.0	868.2	1099.5	1830.4	3310.2	5104.3
-15°	478.5	539.1	598.4	656.6	712.3	768.0	839.6	1006.1	1515.5	2777.8	4646.5
-17.5°	467.8	527.1	584.7	640.5	694.3	747.8	807.7	912.1	1258.3	2324.0	3975.9
-20°	456.2	513.7	569.9	623.4	674.6	729.2	787.6	878.9	1131.2	1866.9	3223.0



REPORT NUMBER: P558957 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-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°	443.8	498.9	554.0	605.4	657.4	711.3	767.5	840.6	990.0	1340.9	2474.1
-25°	429.1	483.4	536.4	588.3	639.1	691.2	745.3	800.4	897.0	1156.6	1849.3
-27.5°	411.7	467.4	518.3	569.6	618.9	669.1	721.4	774.4	845.6	974.1	1287.6
-30°	393.0	450.6	499.1	549.2	597.1	645.4	695.3	746.6	797.6	881.2	1074.4
-32.5°	373.7	432.4	479.4	527.0	573.7	619.8	668.0	717.1	765.6	819.3	903.1
-35°	356.6	410.6	458.5	503.7	548.8	593.5	640.0	686.4	732.0	777.9	836.2
-37.5°	341.4	389.0	436.4	479.6	522.6	566.7	610.5	654.7	697.9	740.3	786.0
-40°	324.4	367.6	413.1	454.3	496.2	538.3	580.1	621.7	662.8	703.5	743.6
-42.5°	305.9	347.0	390.2	427.9	468.1	508.5	548.2	587.6	626.5	665.0	702.7
-45°	289.0	324.3	367.4	403.3	438.2	476.8	514.9	552.1	589.0	624.8	660.3
-47.5°	271.5	301.3	340.0	377.9	409.2	442.9	479.7	515.3	550.3	584.0	616.5
-50°	253.6	281.5	310.6	347.8	381.2	409.9	441.4	476.1	509.4	541.8	572.8
-52.5°	235.9	261.1	286.2	315.5	349.2	379.2	404.7	433.3	465.3	496.8	523.0
-55°	217.6	240.4	261.8	286.2	314.1	344.3	368.6	391.6	417.9	447.0	469.6
-57.5°	200.7	218.9	237.5	257.6	281.1	306.2	328.3	348.7	370.1	394.2	414.4
-60°	184.6	198.0	213.2	230.0	247.9	268.5	287.4	306.0	323.0	339.7	360.2
-62.5°	167.6	177.6	189.0	203.0	217.8	231.4	247.1	263.2	278.8	292.1	306.7
-65°	147.0	156.4	164.5	175.0	187.8	197.9	208.6	220.2	233.2	245.0	253.5
-67.5°	126.2	135.3	141.4	145.8	154.6	162.9	170.9	179.1	188.6	201.1	210.0
-70°	102.7	114.2	121.0	124.7	125.5	126.9	132.7	138.2	146.7	161.4	173.2
-72.5°	79.1	90.5	99.3	105.4	105.8	103.6	101.6	99.7	108.2	125.5	139.8
-75°	60.6	67.6	76.4	83.3	84.8	82.4	78.3	74.6	82.3	96.8	110.8
-77.5°	45.6	51.1	56.7	62.3	63.7	62.5	59.8	55.6	61.9	73.6	86.6
-80°	31.9	34.6	38.6	42.7	43.8	43.4	42.0	39.8	44.7	52.0	60.1
-82.5°	20.6	22.4	24.1	25.8	25.8	25.3	24.4	23.4	26.9	31.4	36.1
-85°	10.3	10.2	11.0	11.7	12.0	12.0	11.6	10.9	12.5	14.3	16.3
-87.5°	5.2	5.1	4.9	4.7	4.3	3.9	3.5	2.9	3.0	3.1	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



REPORT NUMBER: P558957 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-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°	3.4	3.5	3.6	3.6	3.7	3.8	3.9	3.9	4.0	3.5	3.0
85°	18.3	17.8	16.8	15.6	14.1	14.8	15.7	16.5	17.3	16.2	14.9
82.5°	41.1	41.6	41.6	41.5	41.3	43.1	44.8	46.3	47.5	43.9	39.7
80°	69.2	72.5	74.5	76.2	77.8	77.8	76.7	74.9	72.4	66.2	59.4
77.5°	100.0	105.2	107.8	110.5	113.1	114.1	114.7	115.4	116.1	105.3	91.6
75°	124.1	131.8	136.3	140.5	144.3	146.5	147.7	148.5	148.8	135.8	119.1
72.5°	151.4	159.0	164.3	169.5	174.3	177.4	179.2	180.6	181.5	170.2	154.2
70°	181.5	187.4	193.9	200.2	206.1	210.1	212.7	214.9	216.4	215.4	214.5
67.5°	217.0	222.3	230.0	236.1	242.3	246.7	251.2	254.9	257.6	260.6	264.0
65°	261.6	274.1	285.5	291.4	292.2	298.5	308.9	315.5	318.8	321.5	324.9
62.5°	323.6	338.8	347.0	356.7	369.3	381.0	385.5	391.6	398.7	407.4	417.3
60°	376.7	389.4	402.4	415.9	427.4	437.1	447.6	458.1	467.5	476.3	484.7
57.5°	431.1	445.0	458.2	474.0	485.0	491.5	501.7	514.2	523.9	531.4	542.8
55°	487.5	505.4	523.4	537.6	548.0	554.8	562.6	574.6	581.8	584.6	597.7
52.5°	544.1	565.3	587.5	604.2	615.2	625.5	635.0	645.6	652.8	656.3	669.2
50°	596.6	621.8	646.6	668.3	683.0	700.1	719.3	728.9	735.1	741.9	756.3
47.5°	646.5	674.7	701.3	725.8	747.0	766.1	782.7	798.8	822.4	841.1	859.7
45°	694.6	724.6	753.4	780.9	804.6	842.1	877.8	908.2	989.5	1057.8	1109.9
42.5°	739.7	776.0	808.4	854.3	904.3	990.9	1124.6	1248.6	1488.4	1797.1	2054.8
40°	786.8	833.9	891.9	981.3	1150.4	1324.3	1844.1	2307.3	2762.9	3281.0	3725.0
37.5°	841.8	912.7	1082.9	1284.8	1827.1	2426.9	3163.6	3886.7	4516.4	5055.2	5505.0
35°	914.7	1133.4	1451.5	2187.4	2988.6	3972.0	4821.1	5501.1	6123.1	6622.4	6998.2
32.5°	1129.3	1529.5	2369.7	3381.9	4483.8	5433.9	6260.9	6912.1	7479.5	7926.9	8275.3
30°	1443.5	2363.5	3504.5	4716.8	5814.4	6721.6	7485.7	8106.3	8612.8	9068.1	9450.3
27.5°	2190.2	3374.1	4715.1	5951.6	6950.0	7799.3	8484.8	9099.6	9658.0	10137.4	10589.3
25°	3007.4	4472.8	5825.5	6950.9	7882.6	8679.5	9402.4	10074.9	10700.1	11261.2	11786.8
22.5°	3988.7	5450.2	6743.0	7784.5	8687.4	9506.0	10273.9	11022.3	11750.1	12434.8	13070.7
20°	4877.2	6311.6	7438.9	8479.1	9417.1	10270.1	11116.4	11988.7	12828.6	13653.3	14419.0
17.5°	5569.5	6904.0	8035.7	9090.1	10044.9	11010.9	11979.4	12981.3	13994.3	14952.1	15868.1
15°	6147.7	7398.1	8545.1	9599.3	10649.1	11714.9	12796.9	13977.3	15182.2	16328.6	17496.2
12.5°	6557.5	7810.5	8973.3	10031.1	11208.1	12365.0	13624.6	14969.8	16361.4	17696.7	19131.0
10°	6887.0	8139.4	9292.4	10433.1	11678.7	12961.5	14374.2	15855.8	17516.4	19097.6	20643.0
7.5°	7169.7	8413.9	9548.9	10760.9	12070.3	13480.3	15016.7	16691.8	18488.9	20248.3	22087.8
5°	7376.6	8601.0	9748.2	11029.6	12371.3	13859.3	15512.2	17302.2	19229.4	21157.2	22976.3
2.5°	7486.1	8707.7	9872.1	11196.3	12547.8	14088.9	15810.4	17707.7	19743.3	21846.8	23640.4
0°	7483.5	8752.5	9919.6	11308.8	12677.6	14158.4	15938.6	17967.4	19953.3	22138.9	23980.3
-2.5°	7486.1	8707.7	9872.1	11196.3	12547.8	14088.9	15810.4	17707.7	19743.3	21846.8	23640.4
-5°	7376.6	8601.0	9748.2	11029.6	12371.3	13859.3	15512.2	17302.2	19229.4	21157.2	22976.3
-7.5°	7169.7	8413.9	9548.9	10760.9	12070.3	13480.3	15016.7	16691.8	18488.9	20248.3	22087.8
-10°	6887.0	8139.4	9292.4	10433.1	11678.7	12961.5	14374.2	15855.8	17516.4	19097.6	20643.0
-12.5°	6557.5	7810.5	8973.3	10031.1	11208.1	12365.0	13624.6	14969.8	16361.4	17696.7	19131.0
-15°	6147.7	7398.1	8545.1	9599.3	10649.1	11714.9	12796.9	13977.3	15182.2	16328.6	17496.2
-17.5°	5569.5	6904.0	8035.7	9090.1	10044.9	11010.9	11979.4	12981.3	13994.3	14952.1	15868.1
-20°	4877.2	6311.6	7438.9	8479.1	9417.1	10270.1	11116.4	11988.7	12828.6	13653.3	14419.0



REPORT NUMBER: P558957 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-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°	3988.7	5450.2	6743.0	7784.5	8687.4	9506.0	10273.9	11022.3	11750.1	12434.8	13070.7
-25°	3007.4	4472.8	5825.5	6950.9	7882.6	8679.5	9402.4	10074.9	10700.1	11261.2	11786.8
-27.5°	2190.2	3374.1	4715.1	5951.6	6950.0	7799.3	8484.8	9099.6	9658.0	10137.4	10589.3
-30°	1443.5	2363.5	3504.5	4716.8	5814.4	6721.6	7485.7	8106.3	8612.8	9068.1	9450.3
-32.5°	1129.3	1529.5	2369.7	3381.9	4483.8	5433.9	6260.9	6912.1	7479.5	7926.9	8275.3
-35°	914.7	1133.4	1451.5	2187.4	2988.6	3972.0	4821.1	5501.1	6123.1	6622.4	6998.2
-37.5°	841.8	912.7	1082.9	1284.8	1827.1	2426.9	3163.6	3886.7	4516.4	5055.2	5505.0
-40°	786.8	833.9	891.9	981.3	1150.4	1324.3	1844.1	2307.3	2762.9	3281.0	3725.0
-42.5°	739.7	776.0	808.4	854.3	904.3	990.9	1124.6	1248.6	1488.4	1797.1	2054.8
-45°	694.6	724.6	753.4	780.9	804.6	842.1	877.8	908.2	989.5	1057.8	1109.9
-47.5°	646.5	674.7	701.3	725.8	747.0	766.1	782.7	798.8	822.4	841.1	859.7
-50°	596.6	621.8	646.6	668.3	683.0	700.1	719.3	728.9	735.1	741.9	756.3
-52.5°	544.1	565.3	587.5	604.2	615.2	625.5	635.0	645.6	652.8	656.3	669.2
-55°	487.5	505.4	523.4	537.6	548.0	554.8	562.6	574.6	581.8	584.6	597.7
-57.5°	431.1	445.0	458.2	474.0	485.0	491.5	501.7	514.2	523.9	531.4	542.8
-60°	376.7	389.4	402.4	415.9	427.4	437.1	447.6	458.1	467.5	476.3	484.7
-62.5°	323.6	338.8	347.0	356.7	369.3	381.0	385.5	391.6	398.7	407.4	417.3
-65°	261.6	274.1	285.5	291.4	292.2	298.5	308.9	315.5	318.8	321.5	324.9
-67.5°	217.0	222.3	230.0	236.1	242.3	246.7	251.2	254.9	257.6	260.6	264.0
-70°	181.5	187.4	193.9	200.2	206.1	210.1	212.7	214.9	216.4	215.4	214.5
-72.5°	151.4	159.0	164.3	169.5	174.3	177.4	179.2	180.6	181.5	170.2	154.2
-75°	124.1	131.8	136.3	140.5	144.3	146.5	147.7	148.5	148.8	135.8	119.1
-77.5°	100.0	105.2	107.8	110.5	113.1	114.1	114.7	115.4	116.1	105.3	91.6
-80°	69.2	72.5	74.5	76.2	77.8	77.8	76.7	74.9	72.4	66.2	59.4
-82.5°	41.1	41.6	41.6	41.5	41.3	43.1	44.8	46.3	47.5	43.9	39.7
-85°	18.3	17.8	16.8	15.6	14.1	14.8	15.7	16.5	17.3	16.2	14.9
-87.5°	3.4	3.5	3.6	3.6	3.7	3.8	3.9	3.9	4.0	3.5	3.0
-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: P558957 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-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°	2.5	2.0	2.0	2.0	2.0	2.0	2.5	3.0	3.5	4.0	3.9
85°	13.5	12.1	12.2	12.2	12.2	12.1	13.5	14.9	16.2	17.3	16.5
82.5°	35.2	30.5	30.5	30.6	30.5	30.5	35.2	39.7	43.9	47.5	46.3
80°	52.2	44.8	45.7	46.8	45.7	44.8	52.2	59.4	66.2	72.4	74.9
77.5°	76.9	61.5	61.0	61.1	61.0	61.5	76.9	91.6	105.3	116.1	115.4
75°	101.9	84.2	83.4	83.5	83.4	84.2	101.9	119.1	135.8	148.8	148.5
72.5°	137.8	120.9	113.2	105.9	113.2	120.9	137.8	154.2	170.2	181.5	180.6
70°	214.7	215.1	207.6	197.6	207.6	215.1	214.7	214.5	215.4	216.4	214.9
67.5°	266.8	269.0	272.2	275.0	272.2	269.0	266.8	264.0	260.6	257.6	254.9
65°	326.3	326.2	327.3	327.9	327.3	326.2	326.3	324.9	321.5	318.8	315.5
62.5°	425.9	432.7	437.6	440.0	437.6	432.7	425.9	417.3	407.4	398.7	391.6
60°	491.8	497.5	505.4	513.3	505.4	497.5	491.8	484.7	476.3	467.5	458.1
57.5°	553.4	562.9	570.7	576.4	570.7	562.9	553.4	542.8	531.4	523.9	514.2
55°	610.3	621.4	632.0	641.6	632.0	621.4	610.3	597.7	584.6	581.8	574.6
52.5°	681.7	690.8	705.9	725.1	705.9	690.8	681.7	669.2	656.3	652.8	645.6
50°	772.9	786.7	805.9	829.0	805.9	786.7	772.9	756.3	741.9	735.1	728.9
47.5°	878.4	892.3	910.7	934.9	910.7	892.3	878.4	859.7	841.1	822.4	798.8
45°	1157.5	1190.1	1219.9	1252.7	1219.9	1190.1	1157.5	1109.9	1057.8	989.5	908.2
42.5°	2261.5	2404.3	2466.0	2430.0	2466.0	2404.3	2261.5	2054.8	1797.1	1488.4	1248.6
40°	4063.5	4301.0	4440.7	4489.3	4440.7	4301.0	4063.5	3725.0	3281.0	2762.9	2307.3
37.5°	5833.6	6052.1	6170.1	6184.0	6170.1	6052.1	5833.6	5505.0	5055.2	4516.4	3886.7
35°	7269.4	7449.5	7556.2	7636.3	7556.2	7449.5	7269.4	6998.2	6622.4	6123.1	5501.1
32.5°	8558.9	8764.1	8882.8	8856.4	8882.8	8764.1	8558.9	8275.3	7926.9	7479.5	6912.1
30°	9763.6	9988.0	10127.3	10131.5	10127.3	9988.0	9763.6	9450.3	9068.1	8612.8	8106.3
27.5°	10954.6	11206.5	11351.8	11465.6	11351.8	11206.5	10954.6	10589.3	10137.4	9658.0	9099.6
25°	12225.1	12539.2	12725.6	12838.5	12725.6	12539.2	12225.1	11786.8	11261.2	10700.1	10074.9
22.5°	13595.0	13984.1	14239.6	14345.8	14239.6	13984.1	13595.0	13070.7	12434.8	11750.1	11022.3
20°	15085.1	15567.2	15893.5	15883.6	15893.5	15567.2	15085.1	14419.0	13653.3	12828.6	11988.7
17.5°	16747.8	17369.6	17790.4	17851.3	17790.4	17369.6	16747.8	15868.1	14952.1	13994.3	12981.3
15°	18530.4	19332.0	19876.3	20045.0	19876.3	19332.0	18530.4	17496.2	16328.6	15182.2	13977.3
12.5°	20357.1	21310.6	22036.2	22277.4	22036.2	21310.6	20357.1	19131.0	17696.7	16361.4	14969.8
10°	22097.5	23153.7	23941.3	24289.9	23941.3	23153.7	22097.5	20643.0	19097.6	17516.4	15855.8
7.5°	23552.4	24625.6	25436.9	25723.8	25436.9	24625.6	23552.4	22087.8	20248.3	18488.9	16691.8
5°	24511.0	25683.4	26314.2	26669.0	26314.2	25683.4	24511.0	22976.3	21157.2	19229.4	17302.2
2.5°	25151.4	26145.6	26784.5	27111.0	26784.5	26145.6	25151.4	23640.4	21846.8	19743.3	17707.7
0°	25491.6	26504.0	26972.5	27131.3	26972.5	26504.0	25491.6	23980.3	22138.9	19953.3	17967.4
-2.5°	25151.4	26145.6	26784.5	27111.0	26784.5	26145.6	25151.4	23640.4	21846.8	19743.3	17707.7
-5°	24511.0	25683.4	26314.2	26669.0	26314.2	25683.4	24511.0	22976.3	21157.2	19229.4	17302.2
-7.5°	23552.4	24625.6	25436.9	25723.8	25436.9	24625.6	23552.4	22087.8	20248.3	18488.9	16691.8
-10°	22097.5	23153.7	23941.3	24289.9	23941.3	23153.7	22097.5	20643.0	19097.6	17516.4	15855.8
-12.5°	20357.1	21310.6	22036.2	22277.4	22036.2	21310.6	20357.1	19131.0	17696.7	16361.4	14969.8
-15°	18530.4	19332.0	19876.3	20045.0	19876.3	19332.0	18530.4	17496.2	16328.6	15182.2	13977.3
-17.5°	16747.8	17369.6	17790.4	17851.3	17790.4	17369.6	16747.8	15868.1	14952.1	13994.3	12981.3
-20°	15085.1	15567.2	15893.5	15883.6	15893.5	15567.2	15085.1	14419.0	13653.3	12828.6	11988.7



REPORT NUMBER: P558957 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-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°	13595.0	13984.1	14239.6	14345.8	14239.6	13984.1	13595.0	13070.7	12434.8	11750.1	11022.3
-25°	12225.1	12539.2	12725.6	12838.5	12725.6	12539.2	12225.1	11786.8	11261.2	10700.1	10074.9
-27.5°	10954.6	11206.5	11351.8	11465.6	11351.8	11206.5	10954.6	10589.3	10137.4	9658.0	9099.6
-30°	9763.6	9988.0	10127.3	10131.5	10127.3	9988.0	9763.6	9450.3	9068.1	8612.8	8106.3
-32.5°	8558.9	8764.1	8882.8	8856.4	8882.8	8764.1	8558.9	8275.3	7926.9	7479.5	6912.1
-35°	7269.4	7449.5	7556.2	7636.3	7556.2	7449.5	7269.4	6998.2	6622.4	6123.1	5501.1
-37.5°	5833.6	6052.1	6170.1	6184.0	6170.1	6052.1	5833.6	5505.0	5055.2	4516.4	3886.7
-40°	4063.5	4301.0	4440.7	4489.3	4440.7	4301.0	4063.5	3725.0	3281.0	2762.9	2307.3
-42.5°	2261.5	2404.3	2466.0	2430.0	2466.0	2404.3	2261.5	2054.8	1797.1	1488.4	1248.6
-45°	1157.5	1190.1	1219.9	1252.7	1219.9	1190.1	1157.5	1109.9	1057.8	989.5	908.2
-47.5°	878.4	892.3	910.7	934.9	910.7	892.3	878.4	859.7	841.1	822.4	798.8
-50°	772.9	786.7	805.9	829.0	805.9	786.7	772.9	756.3	741.9	735.1	728.9
-52.5°	681.7	690.8	705.9	725.1	705.9	690.8	681.7	669.2	656.3	652.8	645.6
-55°	610.3	621.4	632.0	641.6	632.0	621.4	610.3	597.7	584.6	581.8	574.6
-57.5°	553.4	562.9	570.7	576.4	570.7	562.9	553.4	542.8	531.4	523.9	514.2
-60°	491.8	497.5	505.4	513.3	505.4	497.5	491.8	484.7	476.3	467.5	458.1
-62.5°	425.9	432.7	437.6	440.0	437.6	432.7	425.9	417.3	407.4	398.7	391.6
-65°	326.3	326.2	327.3	327.9	327.3	326.2	326.3	324.9	321.5	318.8	315.5
-67.5°	266.8	269.0	272.2	275.0	272.2	269.0	266.8	264.0	260.6	257.6	254.9
-70°	214.7	215.1	207.6	197.6	207.6	215.1	214.7	214.5	215.4	216.4	214.9
-72.5°	137.8	120.9	113.2	105.9	113.2	120.9	137.8	154.2	170.2	181.5	180.6
-75°	101.9	84.2	83.4	83.5	83.4	84.2	101.9	119.1	135.8	148.8	148.5
-77.5°	76.9	61.5	61.0	61.1	61.0	61.5	76.9	91.6	105.3	116.1	115.4
-80°	52.2	44.8	45.7	46.8	45.7	44.8	52.2	59.4	66.2	72.4	74.9
-82.5°	35.2	30.5	30.5	30.6	30.5	30.5	35.2	39.7	43.9	47.5	46.3
-85°	13.5	12.1	12.2	12.2	12.2	12.1	13.5	14.9	16.2	17.3	16.5
-87.5°	2.5	2.0	2.0	2.0	2.0	2.0	2.5	3.0	3.5	4.0	3.9
-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: P558957 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-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°	3.9	3.8	3.7	3.6	3.6	3.5	3.4	3.3	3.1	3.0	2.9
85°	15.7	14.8	14.1	15.6	16.8	17.8	18.3	16.3	14.3	12.5	10.9
82.5°	44.8	43.1	41.3	41.5	41.6	41.6	41.1	36.1	31.4	26.9	23.4
80°	76.7	77.8	77.8	76.2	74.5	72.5	69.2	60.1	52.0	44.7	39.8
77.5°	114.7	114.1	113.1	110.5	107.8	105.2	100.0	86.6	73.6	61.9	55.6
75°	147.7	146.5	144.3	140.5	136.3	131.8	124.1	110.8	96.8	82.3	74.6
72.5°	179.2	177.4	174.3	169.5	164.3	159.0	151.4	139.8	125.5	108.2	99.7
70°	212.7	210.1	206.1	200.2	193.9	187.4	181.5	173.2	161.4	146.7	138.2
67.5°	251.2	246.7	242.3	236.1	230.0	222.3	217.0	210.0	201.1	188.6	179.1
65°	308.9	298.5	292.2	291.4	285.5	274.1	261.6	253.5	245.0	233.2	220.2
62.5°	385.5	381.0	369.3	356.7	347.0	338.8	323.6	306.7	292.1	278.8	263.2
60°	447.6	437.1	427.4	415.9	402.4	389.4	376.7	360.2	339.7	323.0	306.0
57.5°	501.7	491.5	485.0	474.0	458.2	445.0	431.1	414.4	394.2	370.1	348.7
55°	562.6	554.8	548.0	537.6	523.4	505.4	487.5	469.6	447.0	417.9	391.6
52.5°	635.0	625.5	615.2	604.2	587.5	565.3	544.1	523.0	496.8	465.3	433.3
50°	719.3	700.1	683.0	668.3	646.6	621.8	596.6	572.8	541.8	509.4	476.1
47.5°	782.7	766.1	747.0	725.8	701.3	674.7	646.5	616.5	584.0	550.3	515.3
45°	877.8	842.1	804.6	780.9	753.4	724.6	694.6	660.3	624.8	589.0	552.1
42.5°	1124.6	990.9	904.3	854.3	808.4	776.0	739.7	702.7	665.0	626.5	587.6
40°	1844.1	1324.3	1150.4	981.3	891.9	833.9	786.8	743.6	703.5	662.8	621.7
37.5°	3163.6	2426.9	1827.1	1284.8	1082.9	912.7	841.8	786.0	740.3	697.9	654.7
35°	4821.1	3972.0	2988.6	2187.4	1451.5	1133.4	914.7	836.2	777.9	732.0	686.4
32.5°	6260.9	5433.9	4483.8	3381.9	2369.7	1529.5	1129.3	903.1	819.3	765.6	717.1
30°	7485.7	6721.6	5814.4	4716.8	3504.5	2363.5	1443.5	1074.4	881.2	797.6	746.6
27.5°	8484.8	7799.3	6950.0	5951.6	4715.1	3374.1	2190.2	1287.6	974.1	845.6	774.4
25°	9402.4	8679.5	7882.6	6950.9	5825.5	4472.8	3007.4	1849.3	1156.6	897.0	800.4
22.5°	10273.9	9506.0	8687.4	7784.5	6743.0	5450.2	3988.7	2474.1	1340.9	990.0	840.6
20°	11116.4	10270.1	9417.1	8479.1	7438.9	6311.6	4877.2	3223.0	1866.9	1131.2	878.9
17.5°	11979.4	11010.9	10044.9	9090.1	8035.7	6904.0	5569.5	3975.9	2324.0	1258.3	912.1
15°	12796.9	11714.9	10649.1	9599.3	8545.1	7398.1	6147.7	4646.5	2777.8	1515.5	1006.1
12.5°	13624.6	12365.0	11208.1	10031.1	8973.3	7810.5	6557.5	5104.3	3310.2	1830.4	1099.5
10°	14374.2	12961.5	11678.7	10433.1	9292.4	8139.4	6887.0	5472.2	3748.1	2089.4	1176.2
7.5°	15016.7	13480.3	12070.3	10760.9	9548.9	8413.9	7169.7	5765.7	4077.9	2289.4	1236.0
5°	15512.2	13859.3	12371.3	11029.6	9748.2	8601.0	7376.6	5979.5	4300.1	2429.9	1279.1
2.5°	15810.4	14088.9	12547.8	11196.3	9872.1	8707.7	7486.1	6116.2	4441.7	2520.5	1310.8
0°	15938.6	14158.4	12677.6	11308.8	9919.6	8752.5	7483.5	6167.7	4493.4	2554.3	1326.0
-2.5°	15810.4	14088.9	12547.8	11196.3	9872.1	8707.7	7486.1	6116.2	4441.7	2520.5	1310.8
-5°	15512.2	13859.3	12371.3	11029.6	9748.2	8601.0	7376.6	5979.5	4300.1	2429.9	1279.1
-7.5°	15016.7	13480.3	12070.3	10760.9	9548.9	8413.9	7169.7	5765.7	4077.9	2289.4	1236.0
-10°	14374.2	12961.5	11678.7	10433.1	9292.4	8139.4	6887.0	5472.2	3748.1	2089.4	1176.2
-12.5°	13624.6	12365.0	11208.1	10031.1	8973.3	7810.5	6557.5	5104.3	3310.2	1830.4	1099.5
-15°	12796.9	11714.9	10649.1	9599.3	8545.1	7398.1	6147.7	4646.5	2777.8	1515.5	1006.1
-17.5°	11979.4	11010.9	10044.9	9090.1	8035.7	6904.0	5569.5	3975.9	2324.0	1258.3	912.1
-20°	11116.4	10270.1	9417.1	8479.1	7438.9	6311.6	4877.2	3223.0	1866.9	1131.2	878.9



REPORT NUMBER: P558957 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-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°	10273.9	9506.0	8687.4	7784.5	6743.0	5450.2	3988.7	2474.1	1340.9	990.0	840.6
-25°	9402.4	8679.5	7882.6	6950.9	5825.5	4472.8	3007.4	1849.3	1156.6	897.0	800.4
-27.5°	8484.8	7799.3	6950.0	5951.6	4715.1	3374.1	2190.2	1287.6	974.1	845.6	774.4
-30°	7485.7	6721.6	5814.4	4716.8	3504.5	2363.5	1443.5	1074.4	881.2	797.6	746.6
-32.5°	6260.9	5433.9	4483.8	3381.9	2369.7	1529.5	1129.3	903.1	819.3	765.6	717.1
-35°	4821.1	3972.0	2988.6	2187.4	1451.5	1133.4	914.7	836.2	777.9	732.0	686.4
-37.5°	3163.6	2426.9	1827.1	1284.8	1082.9	912.7	841.8	786.0	740.3	697.9	654.7
-40°	1844.1	1324.3	1150.4	981.3	891.9	833.9	786.8	743.6	703.5	662.8	621.7
-42.5°	1124.6	990.9	904.3	854.3	808.4	776.0	739.7	702.7	665.0	626.5	587.6
-45°	877.8	842.1	804.6	780.9	753.4	724.6	694.6	660.3	624.8	589.0	552.1
-47.5°	782.7	766.1	747.0	725.8	701.3	674.7	646.5	616.5	584.0	550.3	515.3
-50°	719.3	700.1	683.0	668.3	646.6	621.8	596.6	572.8	541.8	509.4	476.1
-52.5°	635.0	625.5	615.2	604.2	587.5	565.3	544.1	523.0	496.8	465.3	433.3
-55°	562.6	554.8	548.0	537.6	523.4	505.4	487.5	469.6	447.0	417.9	391.6
-57.5°	501.7	491.5	485.0	474.0	458.2	445.0	431.1	414.4	394.2	370.1	348.7
-60°	447.6	437.1	427.4	415.9	402.4	389.4	376.7	360.2	339.7	323.0	306.0
-62.5°	385.5	381.0	369.3	356.7	347.0	338.8	323.6	306.7	292.1	278.8	263.2
-65°	308.9	298.5	292.2	291.4	285.5	274.1	261.6	253.5	245.0	233.2	220.2
-67.5°	251.2	246.7	242.3	236.1	230.0	222.3	217.0	210.0	201.1	188.6	179.1
-70°	212.7	210.1	206.1	200.2	193.9	187.4	181.5	173.2	161.4	146.7	138.2
-72.5°	179.2	177.4	174.3	169.5	164.3	159.0	151.4	139.8	125.5	108.2	99.7
-75°	147.7	146.5	144.3	140.5	136.3	131.8	124.1	110.8	96.8	82.3	74.6
-77.5°	114.7	114.1	113.1	110.5	107.8	105.2	100.0	86.6	73.6	61.9	55.6
-80°	76.7	77.8	77.8	76.2	74.5	72.5	69.2	60.1	52.0	44.7	39.8
-82.5°	44.8	43.1	41.3	41.5	41.6	41.6	41.1	36.1	31.4	26.9	23.4
-85°	15.7	14.8	14.1	15.6	16.8	17.8	18.3	16.3	14.3	12.5	10.9
-87.5°	3.9	3.8	3.7	3.6	3.6	3.5	3.4	3.3	3.1	3.0	2.9
-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: P558957 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-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°	3.5	3.9	4.3	4.7	4.9	5.1	5.2	5.2	4.9	4.5	4.1
85°	11.6	12.0	12.0	11.7	11.0	10.2	10.3	10.3	9.7	9.1	8.3
82.5°	24.4	25.3	25.8	25.8	24.1	22.4	20.6	18.8	16.7	14.0	12.4
80°	42.0	43.4	43.8	42.7	38.6	34.6	31.9	29.2	27.1	24.1	20.2
77.5°	59.8	62.5	63.7	62.3	56.7	51.1	45.6	40.6	37.6	34.3	29.9
75°	78.3	82.4	84.8	83.3	76.4	67.6	60.6	54.7	50.4	44.8	39.5
72.5°	101.6	103.6	105.8	105.4	99.3	90.5	79.1	68.9	64.1	57.8	49.9
70°	132.7	126.9	125.5	124.7	121.0	114.2	102.7	89.3	78.1	70.9	62.0
67.5°	170.9	162.9	154.6	145.8	141.4	135.3	126.2	110.4	95.6	84.0	74.1
65°	208.6	197.9	187.8	175.0	164.5	156.4	147.0	130.2	112.4	97.8	86.2
62.5°	247.1	231.4	217.8	203.0	189.0	177.6	167.6	148.5	128.7	110.9	97.2
60°	287.4	268.5	247.9	230.0	213.2	198.0	184.6	166.6	145.1	123.4	107.2
57.5°	328.3	306.2	281.1	257.6	237.5	218.9	200.7	182.4	161.3	137.3	116.1
55°	368.6	344.3	314.1	286.2	261.8	240.4	217.6	196.9	176.5	151.5	122.5
52.5°	404.7	379.2	349.2	315.5	286.2	261.1	235.9	211.2	189.5	165.4	131.3
50°	441.4	409.9	381.2	347.8	310.6	281.5	253.6	227.0	202.1	178.2	139.5
47.5°	479.7	442.9	409.2	377.9	340.0	301.3	271.5	242.5	214.4	189.2	146.8
45°	514.9	476.8	438.2	403.3	367.4	324.3	289.0	257.3	227.7	194.8	152.9
42.5°	548.2	508.5	468.1	427.9	390.2	347.0	305.9	272.5	240.5	199.1	157.3
40°	580.1	538.3	496.2	454.3	413.1	367.6	324.4	287.2	251.8	202.9	160.2
37.5°	610.5	566.7	522.6	479.6	436.4	389.0	341.4	301.2	257.3	207.1	162.2
35°	640.0	593.5	548.8	503.7	458.5	410.6	356.6	314.8	265.5	210.6	163.3
32.5°	668.0	619.8	573.7	527.0	479.4	432.4	373.7	327.1	275.6	213.4	163.6
30°	695.3	645.4	597.1	549.2	499.1	450.6	393.0	339.2	287.2	215.6	163.6
27.5°	721.4	669.1	618.9	569.6	518.3	467.4	411.7	351.0	300.3	219.8	164.7
25°	745.3	691.2	639.1	588.3	536.4	483.4	429.1	362.7	311.3	228.6	165.1
22.5°	767.5	711.3	657.4	605.4	554.0	498.9	443.8	377.1	320.3	237.8	164.9
20°	787.6	729.2	674.6	623.4	569.9	513.7	456.2	390.0	328.7	247.2	164.0
17.5°	807.7	747.8	694.3	640.5	584.7	527.1	467.8	401.7	336.5	256.5	162.5
15°	839.6	768.0	712.3	656.6	598.4	539.1	478.5	411.9	343.6	265.4	162.0
12.5°	868.2	786.0	728.4	671.4	610.9	549.6	488.1	420.6	349.9	271.5	162.7
10°	892.3	801.8	742.7	684.9	622.0	558.7	496.5	428.1	355.2	274.0	162.3
7.5°	912.0	815.3	755.0	696.9	632.4	567.4	504.3	434.4	360.3	274.3	161.0
5°	929.0	830.1	770.4	710.1	644.6	576.0	510.8	439.1	364.9	272.4	158.9
2.5°	948.3	848.0	787.4	721.6	655.2	583.1	515.9	442.3	368.5	268.6	156.1
0°	963.4	863.6	802.5	731.2	664.0	588.7	519.4	444.0	370.7	262.8	152.8
-2.5°	948.3	848.0	787.4	721.6	655.2	583.1	515.9	442.3	368.5	268.6	156.1
-5°	929.0	830.1	770.4	710.1	644.6	576.0	510.8	439.1	364.9	272.4	158.9
-7.5°	912.0	815.3	755.0	696.9	632.4	567.4	504.3	434.4	360.3	274.3	161.0
-10°	892.3	801.8	742.7	684.9	622.0	558.7	496.5	428.1	355.2	274.0	162.3
-12.5°	868.2	786.0	728.4	671.4	610.9	549.6	488.1	420.6	349.9	271.5	162.7
-15°	839.6	768.0	712.3	656.6	598.4	539.1	478.5	411.9	343.6	265.4	162.0
-17.5°	807.7	747.8	694.3	640.5	584.7	527.1	467.8	401.7	336.5	256.5	162.5
-20°	787.6	729.2	674.6	623.4	569.9	513.7	456.2	390.0	328.7	247.2	164.0



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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°	767.5	711.3	657.4	605.4	554.0	498.9	443.8	377.1	320.3	237.8	164.9
-25°	745.3	691.2	639.1	588.3	536.4	483.4	429.1	362.7	311.3	228.6	165.1
-27.5°	721.4	669.1	618.9	569.6	518.3	467.4	411.7	351.0	300.3	219.8	164.7
-30°	695.3	645.4	597.1	549.2	499.1	450.6	393.0	339.2	287.2	215.6	163.6
-32.5°	668.0	619.8	573.7	527.0	479.4	432.4	373.7	327.1	275.6	213.4	163.6
-35°	640.0	593.5	548.8	503.7	458.5	410.6	356.6	314.8	265.5	210.6	163.3
-37.5°	610.5	566.7	522.6	479.6	436.4	389.0	341.4	301.2	257.3	207.1	162.2
-40°	580.1	538.3	496.2	454.3	413.1	367.6	324.4	287.2	251.8	202.9	160.2
-42.5°	548.2	508.5	468.1	427.9	390.2	347.0	305.9	272.5	240.5	199.1	157.3
-45°	514.9	476.8	438.2	403.3	367.4	324.3	289.0	257.3	227.7	194.8	152.9
-47.5°	479.7	442.9	409.2	377.9	340.0	301.3	271.5	242.5	214.4	189.2	146.8
-50°	441.4	409.9	381.2	347.8	310.6	281.5	253.6	227.0	202.1	178.2	139.5
-52.5°	404.7	379.2	349.2	315.5	286.2	261.1	235.9	211.2	189.5	165.4	131.3
-55°	368.6	344.3	314.1	286.2	261.8	240.4	217.6	196.9	176.5	151.5	122.5
-57.5°	328.3	306.2	281.1	257.6	237.5	218.9	200.7	182.4	161.3	137.3	116.1
-60°	287.4	268.5	247.9	230.0	213.2	198.0	184.6	166.6	145.1	123.4	107.2
-62.5°	247.1	231.4	217.8	203.0	189.0	177.6	167.6	148.5	128.7	110.9	97.2
-65°	208.6	197.9	187.8	175.0	164.5	156.4	147.0	130.2	112.4	97.8	86.2
-67.5°	170.9	162.9	154.6	145.8	141.4	135.3	126.2	110.4	95.6	84.0	74.1
-70°	132.7	126.9	125.5	124.7	121.0	114.2	102.7	89.3	78.1	70.9	62.0
-72.5°	101.6	103.6	105.8	105.4	99.3	90.5	79.1	68.9	64.1	57.8	49.9
-75°	78.3	82.4	84.8	83.3	76.4	67.6	60.6	54.7	50.4	44.8	39.5
-77.5°	59.8	62.5	63.7	62.3	56.7	51.1	45.6	40.6	37.6	34.3	29.9
-80°	42.0	43.4	43.8	42.7	38.6	34.6	31.9	29.2	27.1	24.1	20.2
-82.5°	24.4	25.3	25.8	25.8	24.1	22.4	20.6	18.8	16.7	14.0	12.4
-85°	11.6	12.0	12.0	11.7	11.0	10.2	10.3	10.3	9.7	9.1	8.3
-87.5°	3.5	3.9	4.3	4.7	4.9	5.1	5.2	5.2	4.9	4.5	4.1
-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°	3.7	2.9	2.1	1.5	0.9	0.4	0.0
85°	7.4	5.7	4.2	2.9	1.8	0.9	0.0
82.5°	11.0	8.6	6.3	4.4	2.7	1.3	0.0
80°	15.3	11.4	8.4	5.8	3.5	1.8	0.0
77.5°	23.9	15.5	10.5	7.2	4.4	2.2	0.0
75°	32.4	22.1	13.0	8.6	5.3	2.6	0.0
72.5°	40.7	28.6	17.8	10.0	6.1	3.1	0.0
70°	49.0	34.8	22.5	11.7	7.0	3.5	0.0
67.5°	58.6	40.9	27.0	14.8	7.8	3.9	0.0
65°	67.9	47.4	31.4	17.9	8.6	4.3	0.0
62.5°	76.7	54.3	35.6	20.9	9.4	4.7	0.0
60°	85.1	60.9	39.7	23.7	10.2	5.1	0.0
57.5°	90.9	67.1	44.3	26.4	12.0	5.5	0.0
55°	95.7	72.9	48.7	29.0	13.7	5.8	0.0
52.5°	99.8	77.9	52.8	31.5	15.4	6.2	0.0
50°	103.3	80.4	56.7	33.8	17.0	6.6	0.0
47.5°	106.4	82.4	60.2	36.1	18.6	6.9	0.0
45°	111.6	83.9	63.5	38.5	20.0	7.2	0.0
42.5°	115.9	84.9	66.4	40.7	21.5	7.5	0.0
40°	119.5	85.4	68.0	43.0	22.8	7.8	0.0
37.5°	122.3	85.4	68.2	45.5	24.0	8.1	0.0
35°	124.2	86.5	68.1	47.8	25.2	8.4	0.0
32.5°	125.2	87.8	67.7	50.1	26.3	8.6	0.0
30°	125.1	88.6	67.0	52.3	27.3	8.8	0.0
27.5°	124.4	88.9	67.8	54.4	28.2	9.0	0.0
25°	123.0	88.6	68.5	56.5	29.1	9.2	0.0
22.5°	121.0	88.8	69.2	58.4	29.8	9.4	0.0
20°	118.5	91.1	69.8	60.2	30.5	9.6	0.0
17.5°	118.7	93.1	70.2	61.9	31.1	9.7	0.0
15°	120.4	94.9	70.6	63.4	31.6	9.9	0.0
12.5°	121.9	96.4	70.8	64.8	31.9	10.0	0.0
10°	123.0	97.6	71.0	66.1	32.3	10.0	0.0
7.5°	123.8	98.6	71.2	67.2	32.5	10.1	0.0
5°	124.3	99.2	71.3	68.1	32.6	10.2	0.0
2.5°	124.4	99.7	71.3	68.8	32.6	10.2	0.0
0°	124.3	99.8	71.3	69.3	32.6	10.2	0.0
-2.5°	124.4	99.7	71.3	68.8	32.6	10.2	0.0
-5°	124.3	99.2	71.3	68.1	32.6	10.2	0.0
-7.5°	123.8	98.6	71.2	67.2	32.5	10.1	0.0
-10°	123.0	97.6	71.0	66.1	32.3	10.0	0.0
-12.5°	121.9	96.4	70.8	64.8	31.9	10.0	0.0
-15°	120.4	94.9	70.6	63.4	31.6	9.9	0.0
-17.5°	118.7	93.1	70.2	61.9	31.1	9.7	0.0
-20°	118.5	91.1	69.8	60.2	30.5	9.6	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	121.0	88.8	69.2	58.4	29.8	9.4	0.0
-25°	123.0	88.6	68.5	56.5	29.1	9.2	0.0
-27.5°	124.4	88.9	67.8	54.4	28.2	9.0	0.0
-30°	125.1	88.6	67.0	52.3	27.3	8.8	0.0
-32.5°	125.2	87.8	67.7	50.1	26.3	8.6	0.0
-35°	124.2	86.5	68.1	47.8	25.2	8.4	0.0
-37.5°	122.3	85.4	68.2	45.5	24.0	8.1	0.0
-40°	119.5	85.4	68.0	43.0	22.8	7.8	0.0
-42.5°	115.9	84.9	66.4	40.7	21.5	7.5	0.0
-45°	111.6	83.9	63.5	38.5	20.0	7.2	0.0
-47.5°	106.4	82.4	60.2	36.1	18.6	6.9	0.0
-50°	103.3	80.4	56.7	33.8	17.0	6.6	0.0
-52.5°	99.8	77.9	52.8	31.5	15.4	6.2	0.0
-55°	95.7	72.9	48.7	29.0	13.7	5.8	0.0
-57.5°	90.9	67.1	44.3	26.4	12.0	5.5	0.0
-60°	85.1	60.9	39.7	23.7	10.2	5.1	0.0
-62.5°	76.7	54.3	35.6	20.9	9.4	4.7	0.0
-65°	67.9	47.4	31.4	17.9	8.6	4.3	0.0
-67.5°	58.6	40.9	27.0	14.8	7.8	3.9	0.0
-70°	49.0	34.8	22.5	11.7	7.0	3.5	0.0
-72.5°	40.7	28.6	17.8	10.0	6.1	3.1	0.0
-75°	32.4	22.1	13.0	8.6	5.3	2.6	0.0
-77.5°	23.9	15.5	10.5	7.2	4.4	2.2	0.0
-80°	15.3	11.4	8.4	5.8	3.5	1.8	0.0
-82.5°	11.0	8.6	6.3	4.4	2.7	1.3	0.0
-85°	7.4	5.7	4.2	2.9	1.8	0.9	0.0
-87.5°	3.7	2.9	2.1	1.5	0.9	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)