

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: P558893 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-935-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558893 (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-SA4B-935-U-MWR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (64) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

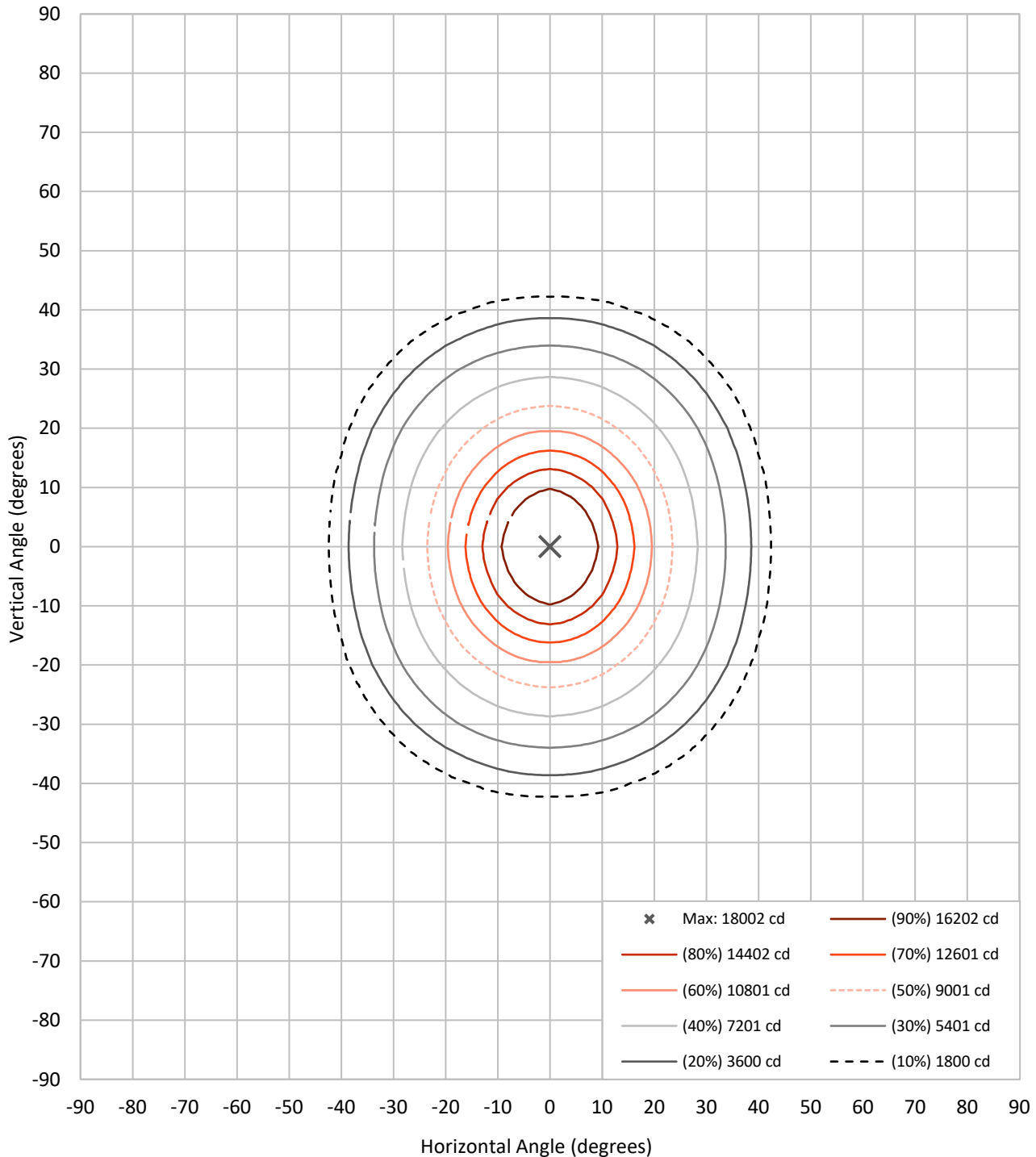
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	14013.6 lumens	Max Intensity:	18002 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	111.2 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	6612.5 lumens	Field Lumens:	12724.3 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 126
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



REPORT NUMBER: P558893 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-935-U-MWR-XX

Iso-Candela Plot





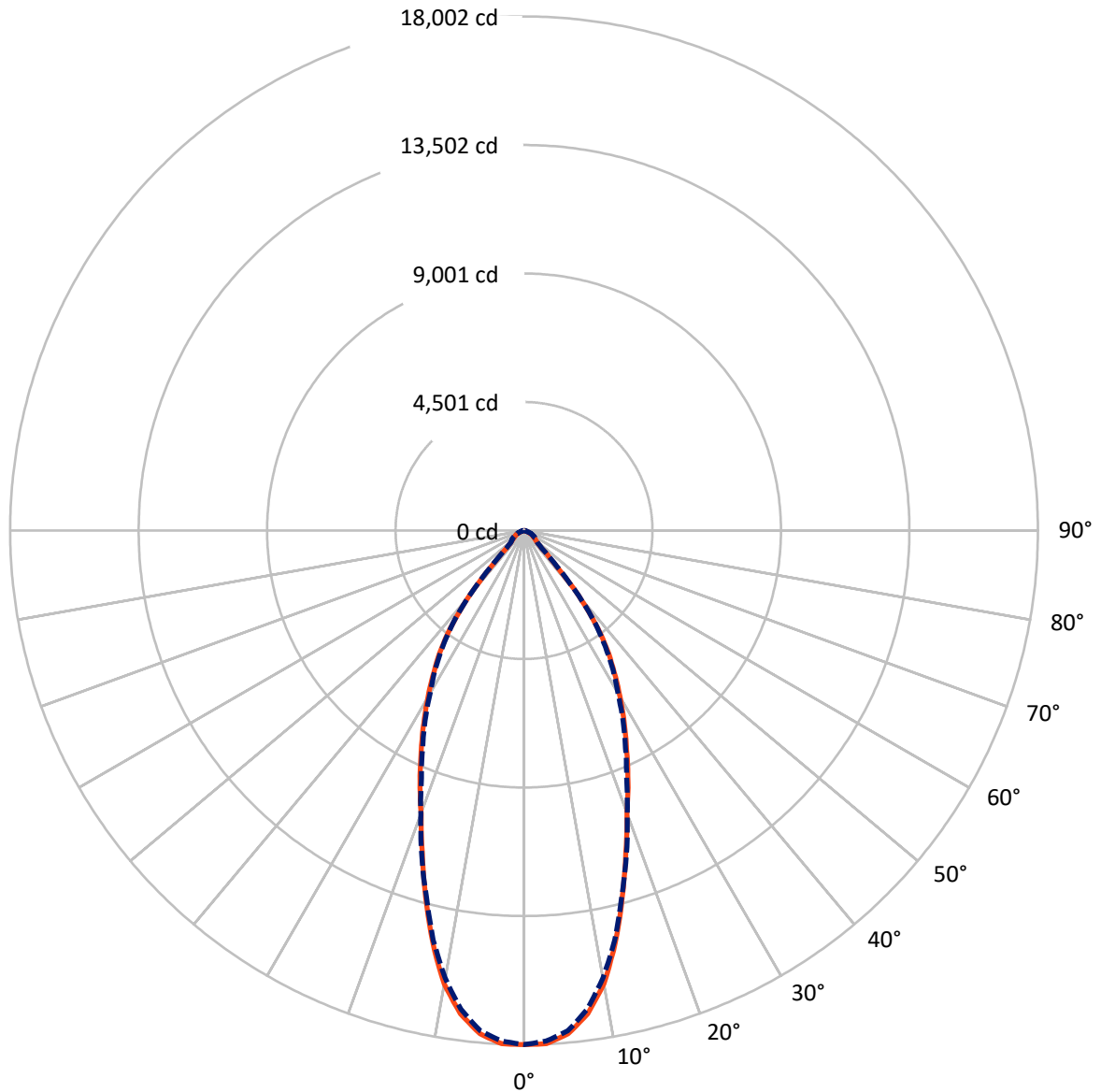
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Lumen Table

90																			
80	0.2	1.7		3.8		6.3		4.9		6.3		3.8		1.7		0.2			
70																			
60	1.0	1.1	2.0	3.2	4.5	5.6	6.4	6.9	6.9	6.4	5.6	4.5	3.2	2.0	1.1	1.0			
50		1.7	3.4	5.6	8.1	10.1	11.5	12.7	12.7	11.5	10.1	8.1	5.6	3.4	1.7				
40	1.5	2.2	4.7	7.9	11.5	15.7	24.9	34.9	34.9	24.9	15.7	11.5	7.9	4.7	2.2	1.5			
30		2.7	5.9	9.8	18.5	29.1	115.0	146.5	146.5	115.0	29.1	18.5	9.8	5.9	2.7				
20	1.6	3.2	6.8	12.3	21.1	32.2	46.5	65.1	65.1	46.5	32.2	21.1	12.3	6.8	3.2	1.6			
10		3.5	7.6	18.9	29.2	44.7	65.9	94.5	94.5	65.9	44.7	29.2	18.9	7.6	3.5				
0	1.7	3.8	8.2	26.0	39.6	59.2	85.3	120.3	120.3	85.3	59.2	39.6	26.0	8.2	3.8	1.7			
-10		3.8	8.2	26.0	39.6	59.2	85.3	120.3	120.3	85.3	59.2	39.6	26.0	8.2	3.8				
-20	1.6	3.5	7.6	18.9	29.2	44.7	65.9	94.5	94.5	65.9	44.7	29.2	18.9	7.6	3.5	1.6			
-30		3.2	6.8	12.3	21.1	32.2	46.5	65.1	65.1	46.5	32.2	21.1	12.3	6.8	3.2				
-40	1.5	2.7	5.9	9.8	18.5	29.1	46.5	65.1	65.1	46.5	29.1	18.5	9.8	5.9	2.7	1.5			
-50		2.2	4.7	7.9	11.5	15.7	24.9	34.9	34.9	24.9	15.7	11.5	7.9	4.7	2.2				
-60	1.0	1.7	3.4	5.6	8.1	10.1	11.5	12.7	12.7	11.5	10.1	8.1	5.6	3.4	1.7	1.0			
-70		1.1	2.0	3.2	4.5	5.6	6.4	6.9	6.9	6.4	5.6	4.5	3.2	2.0	1.1				
-80																			
-90	0.2	1.7		3.8		6.3		4.9		6.3		3.8		1.7		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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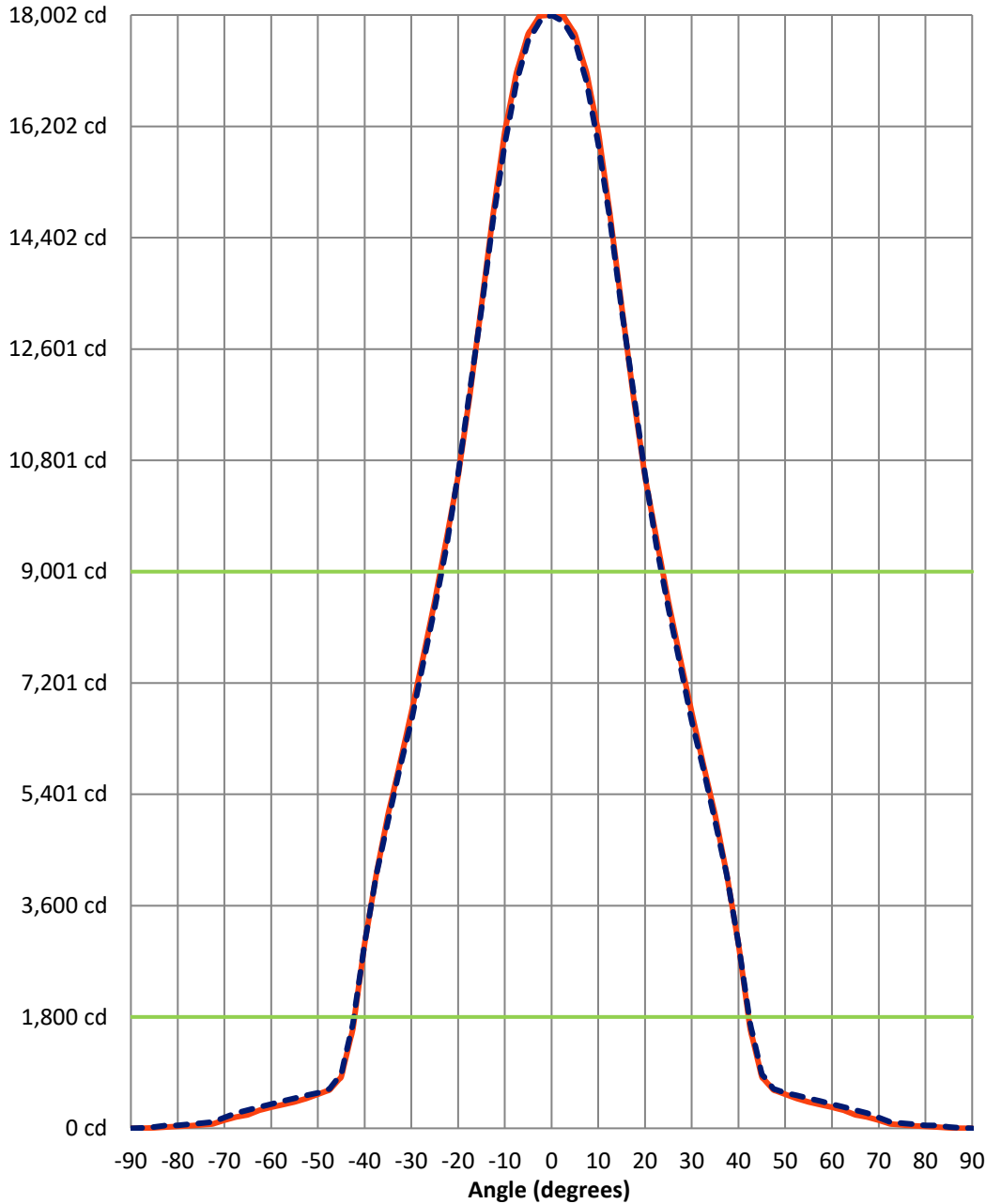
Luminous Intensity Polar Plot



— 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: 6612.5
 Efficiency: 47.2%

Field:
 H Angle: 84.6°
 V Angle: 84.3°
 Lumens: 12724.3
 Efficiency: 90.8%

Spill:
 Lumens: 1289.3
 Efficiency: 9.2%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.3	0.6	1.0	1.4	1.9	2.5	2.8	3.0	3.2	3.4
85°	0.0	0.6	1.2	1.9	2.8	3.8	4.9	5.5	6.0	6.5	6.8
82.5°	0.0	0.9	1.8	2.9	4.2	5.7	7.3	8.3	9.3	11.1	12.5
80°	0.0	1.2	2.4	3.9	5.6	7.6	10.1	13.4	16.0	18.0	19.4
77.5°	0.0	1.5	2.9	4.8	7.0	10.3	15.9	19.8	22.7	24.9	26.9
75°	0.0	1.8	3.5	5.7	8.6	14.7	21.5	26.2	29.7	33.4	36.3
72.5°	0.0	2.0	4.1	6.6	11.8	18.9	27.0	33.0	38.3	42.5	45.7
70°	0.0	2.3	4.6	7.8	14.9	23.1	32.5	41.1	47.0	51.8	59.2
67.5°	0.0	2.6	5.2	9.9	17.9	27.1	38.9	49.1	55.7	63.4	73.2
65°	0.0	2.9	5.7	11.9	20.8	31.5	45.0	57.2	64.9	74.6	86.3
62.5°	0.0	3.1	6.3	13.9	23.6	36.0	50.9	64.5	73.6	85.3	98.5
60°	0.0	3.4	6.8	15.8	26.3	40.4	56.5	71.1	81.8	96.2	110.5
57.5°	0.0	3.7	8.0	17.6	29.4	44.5	60.3	77.0	91.1	107.0	121.0
55°	0.0	3.9	9.1	19.3	32.3	48.4	63.5	81.3	100.5	117.1	130.7
52.5°	0.0	4.1	10.2	20.9	35.1	51.7	66.2	87.1	109.7	125.7	140.2
50°	0.0	4.4	11.3	22.5	37.6	53.4	68.5	92.6	118.2	134.1	150.7
47.5°	0.0	4.6	12.3	24.0	40.0	54.7	70.6	97.3	125.5	142.3	160.9
45°	0.0	4.8	13.3	25.6	42.1	55.7	74.0	101.4	129.3	151.1	170.8
42.5°	0.0	5.0	14.3	27.0	44.1	56.3	76.9	104.3	132.1	159.6	180.8
40°	0.0	5.2	15.1	28.6	45.1	56.7	79.3	106.2	134.7	167.1	190.6
37.5°	0.0	5.4	16.0	30.2	45.3	56.6	81.1	107.6	137.4	170.7	199.9
35°	0.0	5.6	16.7	31.8	45.2	57.4	82.4	108.4	139.7	176.2	208.8
32.5°	0.0	5.7	17.5	33.3	44.9	58.3	83.1	108.5	141.6	182.8	217.0
30°	0.0	5.9	18.1	34.7	44.5	58.8	83.0	108.5	143.0	190.6	225.0
27.5°	0.0	6.0	18.7	36.1	45.0	58.9	82.5	109.3	145.8	199.3	232.9
25°	0.0	6.2	19.3	37.5	45.5	58.8	81.6	109.5	151.7	206.5	240.7
22.5°	0.0	6.3	19.8	38.8	45.9	58.9	80.3	109.4	157.8	212.5	250.2
20°	0.0	6.4	20.2	40.0	46.3	60.4	78.6	108.8	164.0	218.1	258.8
17.5°	0.0	6.5	20.6	41.1	46.6	61.8	78.7	107.8	170.2	223.3	266.5
15°	0.0	6.6	20.9	42.1	46.8	62.9	79.9	107.5	176.1	228.0	273.3
12.5°	0.0	6.6	21.2	43.0	47.0	63.9	80.8	107.9	180.2	232.2	279.1
10°	0.0	6.7	21.4	43.9	47.1	64.7	81.6	107.7	181.8	235.7	284.0
7.5°	0.0	6.7	21.5	44.6	47.2	65.4	82.1	106.8	182.0	239.1	288.2
5°	0.0	6.8	21.6	45.2	47.3	65.8	82.4	105.4	180.7	242.1	291.3
2.5°	0.0	6.8	21.6	45.7	47.3	66.1	82.5	103.6	178.1	244.6	293.5
0°	0.0	6.8	21.6	46.0	47.3	66.2	82.4	101.4	174.3	246.0	294.6
-2.5°	0.0	6.8	21.6	45.7	47.3	66.1	82.5	103.6	178.1	244.6	293.5
-5°	0.0	6.8	21.6	45.2	47.3	65.8	82.4	105.4	180.7	242.1	291.3
-7.5°	0.0	6.7	21.5	44.6	47.2	65.4	82.1	106.8	182.0	239.1	288.2
-10°	0.0	6.7	21.4	43.9	47.1	64.7	81.6	107.7	181.8	235.7	284.0
-12.5°	0.0	6.6	21.2	43.0	47.0	63.9	80.8	107.9	180.2	232.2	279.1
-15°	0.0	6.6	20.9	42.1	46.8	62.9	79.9	107.5	176.1	228.0	273.3
-17.5°	0.0	6.5	20.6	41.1	46.6	61.8	78.7	107.8	170.2	223.3	266.5
-20°	0.0	6.4	20.2	40.0	46.3	60.4	78.6	108.8	164.0	218.1	258.8



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 CATALOG NUMBER: GFLD-SA4B-935-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	6.3	19.8	38.8	45.9	58.9	80.3	109.4	157.8	212.5	250.2
-25°	0.0	6.2	19.3	37.5	45.5	58.8	81.6	109.5	151.7	206.5	240.7
-27.5°	0.0	6.0	18.7	36.1	45.0	58.9	82.5	109.3	145.8	199.3	232.9
-30°	0.0	5.9	18.1	34.7	44.5	58.8	83.0	108.5	143.0	190.6	225.0
-32.5°	0.0	5.7	17.5	33.3	44.9	58.3	83.1	108.5	141.6	182.8	217.0
-35°	0.0	5.6	16.7	31.8	45.2	57.4	82.4	108.4	139.7	176.2	208.8
-37.5°	0.0	5.4	16.0	30.2	45.3	56.6	81.1	107.6	137.4	170.7	199.9
-40°	0.0	5.2	15.1	28.6	45.1	56.7	79.3	106.2	134.7	167.1	190.6
-42.5°	0.0	5.0	14.3	27.0	44.1	56.3	76.9	104.3	132.1	159.6	180.8
-45°	0.0	4.8	13.3	25.6	42.1	55.7	74.0	101.4	129.3	151.1	170.8
-47.5°	0.0	4.6	12.3	24.0	40.0	54.7	70.6	97.3	125.5	142.3	160.9
-50°	0.0	4.4	11.3	22.5	37.6	53.4	68.5	92.6	118.2	134.1	150.7
-52.5°	0.0	4.1	10.2	20.9	35.1	51.7	66.2	87.1	109.7	125.7	140.2
-55°	0.0	3.9	9.1	19.3	32.3	48.4	63.5	81.3	100.5	117.1	130.7
-57.5°	0.0	3.7	8.0	17.6	29.4	44.5	60.3	77.0	91.1	107.0	121.0
-60°	0.0	3.4	6.8	15.8	26.3	40.4	56.5	71.1	81.8	96.2	110.5
-62.5°	0.0	3.1	6.3	13.9	23.6	36.0	50.9	64.5	73.6	85.3	98.5
-65°	0.0	2.9	5.7	11.9	20.8	31.5	45.0	57.2	64.9	74.6	86.3
-67.5°	0.0	2.6	5.2	9.9	17.9	27.1	38.9	49.1	55.7	63.4	73.2
-70°	0.0	2.3	4.6	7.8	14.9	23.1	32.5	41.1	47.0	51.8	59.2
-72.5°	0.0	2.0	4.1	6.6	11.8	18.9	27.0	33.0	38.3	42.5	45.7
-75°	0.0	1.8	3.5	5.7	8.6	14.7	21.5	26.2	29.7	33.4	36.3
-77.5°	0.0	1.5	2.9	4.8	7.0	10.3	15.9	19.8	22.7	24.9	26.9
-80°	0.0	1.2	2.4	3.9	5.6	7.6	10.1	13.4	16.0	18.0	19.4
-82.5°	0.0	0.9	1.8	2.9	4.2	5.7	7.3	8.3	9.3	11.1	12.5
-85°	0.0	0.6	1.2	1.9	2.8	3.8	4.9	5.5	6.0	6.5	6.8
-87.5°	0.0	0.3	0.6	1.0	1.4	1.9	2.5	2.8	3.0	3.2	3.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.4	3.4	3.3	3.1	2.9	2.6	2.3	1.9	2.0	2.1	2.1
85°	6.9	6.8	7.3	7.8	8.0	7.9	7.7	7.2	8.3	9.5	10.8
82.5°	13.7	14.9	16.0	17.1	17.1	16.7	16.1	15.5	17.9	20.8	23.9
80°	21.1	22.9	25.6	28.3	29.0	28.8	27.9	26.4	29.7	34.5	39.9
77.5°	30.2	33.9	37.6	41.3	42.3	41.5	39.7	36.9	41.1	48.9	57.5
75°	40.2	44.8	50.7	55.3	56.3	54.7	51.9	49.5	54.6	64.3	73.5
72.5°	52.5	60.0	65.8	69.9	70.2	68.7	67.4	66.2	71.8	83.2	92.7
70°	68.1	75.7	80.3	82.7	83.3	84.2	88.1	91.7	97.3	107.1	114.9
67.5°	83.6	89.7	93.8	96.8	102.6	108.1	113.4	118.8	125.1	133.5	139.4
65°	97.5	103.7	109.1	116.1	124.6	131.3	138.4	146.1	154.8	162.6	168.2
62.5°	111.2	117.9	125.4	134.7	144.5	153.5	164.0	174.6	185.0	193.8	203.5
60°	122.5	131.4	141.5	152.6	164.5	178.1	190.7	203.0	214.3	225.4	239.0
57.5°	133.2	145.2	157.6	170.9	186.5	203.1	217.9	231.4	245.5	261.6	275.0
55°	144.4	159.6	173.7	189.9	208.4	228.5	244.6	259.9	277.3	296.6	311.6
52.5°	156.5	173.3	189.9	209.3	231.7	251.7	268.5	287.5	308.8	329.6	347.0
50°	168.3	186.8	206.1	230.7	252.9	272.0	293.0	315.9	338.0	359.5	380.1
47.5°	180.2	199.9	225.6	250.7	271.6	293.9	318.3	341.9	365.2	387.6	409.1
45°	191.8	215.2	243.7	267.6	290.8	316.4	341.6	366.4	390.8	414.7	438.1
42.5°	203.0	230.2	258.9	283.9	310.6	337.4	363.8	389.9	415.8	441.2	466.3
40°	215.2	243.9	274.1	301.5	329.2	357.2	385.0	412.6	439.9	466.8	493.4
37.5°	226.5	258.1	289.6	318.2	346.7	376.0	405.1	434.4	463.1	491.2	521.5
35°	236.6	272.4	304.2	334.2	364.1	393.8	424.7	455.4	485.6	516.1	554.8
32.5°	248.0	286.9	318.0	349.7	380.7	411.3	443.2	475.8	508.0	543.6	599.2
30°	260.7	299.0	331.2	364.4	396.2	428.3	461.3	495.3	529.2	584.7	712.9
27.5°	273.2	310.1	343.9	377.9	410.6	443.9	478.6	513.8	561.1	646.3	854.4
25°	284.7	320.7	355.9	390.3	424.1	458.6	494.5	531.0	595.2	767.4	1227.0
22.5°	294.4	331.0	367.5	401.7	436.2	471.9	509.2	557.8	656.9	889.7	1641.6
20°	302.7	340.8	378.2	413.6	447.6	483.8	522.6	583.2	750.6	1238.7	2138.5
17.5°	310.4	349.7	387.9	425.0	460.7	496.1	536.0	605.2	834.9	1542.0	2638.1
15°	317.5	357.7	397.0	435.7	472.6	509.5	557.1	667.5	1005.5	1843.1	3083.1
12.5°	323.8	364.7	405.3	445.5	483.3	521.5	576.0	729.5	1214.5	2196.4	3386.8
10°	329.4	370.7	412.7	454.5	492.8	532.0	592.1	780.4	1386.3	2487.0	3630.9
7.5°	334.6	376.5	419.6	462.5	500.9	541.0	605.1	820.1	1519.0	2705.8	3825.7
5°	338.9	382.2	427.7	471.2	511.2	550.8	616.4	848.7	1612.3	2853.2	3967.5
2.5°	342.3	386.9	434.8	478.9	522.4	562.6	629.2	869.8	1672.4	2947.1	4058.2
0°	344.6	390.6	440.6	485.2	532.5	573.0	639.3	879.8	1694.8	2981.4	4092.4
-2.5°	342.3	386.9	434.8	478.9	522.4	562.6	629.2	869.8	1672.4	2947.1	4058.2
-5°	338.9	382.2	427.7	471.2	511.2	550.8	616.4	848.7	1612.3	2853.2	3967.5
-7.5°	334.6	376.5	419.6	462.5	500.9	541.0	605.1	820.1	1519.0	2705.8	3825.7
-10°	329.4	370.7	412.7	454.5	492.8	532.0	592.1	780.4	1386.3	2487.0	3630.9
-12.5°	323.8	364.7	405.3	445.5	483.3	521.5	576.0	729.5	1214.5	2196.4	3386.8
-15°	317.5	357.7	397.0	435.7	472.6	509.5	557.1	667.5	1005.5	1843.1	3083.1
-17.5°	310.4	349.7	387.9	425.0	460.7	496.1	536.0	605.2	834.9	1542.0	2638.1
-20°	302.7	340.8	378.2	413.6	447.6	483.8	522.6	583.2	750.6	1238.7	2138.5



REPORT NUMBER: P558893 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	294.4	331.0	367.5	401.7	436.2	471.9	509.2	557.8	656.9	889.7	1641.6
-25°	284.7	320.7	355.9	390.3	424.1	458.6	494.5	531.0	595.2	767.4	1227.0
-27.5°	273.2	310.1	343.9	377.9	410.6	443.9	478.6	513.8	561.1	646.3	854.4
-30°	260.7	299.0	331.2	364.4	396.2	428.3	461.3	495.3	529.2	584.7	712.9
-32.5°	248.0	286.9	318.0	349.7	380.7	411.3	443.2	475.8	508.0	543.6	599.2
-35°	236.6	272.4	304.2	334.2	364.1	393.8	424.7	455.4	485.6	516.1	554.8
-37.5°	226.5	258.1	289.6	318.2	346.7	376.0	405.1	434.4	463.1	491.2	521.5
-40°	215.2	243.9	274.1	301.5	329.2	357.2	385.0	412.6	439.9	466.8	493.4
-42.5°	203.0	230.2	258.9	283.9	310.6	337.4	363.8	389.9	415.8	441.2	466.3
-45°	191.8	215.2	243.7	267.6	290.8	316.4	341.6	366.4	390.8	414.7	438.1
-47.5°	180.2	199.9	225.6	250.7	271.6	293.9	318.3	341.9	365.2	387.6	409.1
-50°	168.3	186.8	206.1	230.7	252.9	272.0	293.0	315.9	338.0	359.5	380.1
-52.5°	156.5	173.3	189.9	209.3	231.7	251.7	268.5	287.5	308.8	329.6	347.0
-55°	144.4	159.6	173.7	189.9	208.4	228.5	244.6	259.9	277.3	296.6	311.6
-57.5°	133.2	145.2	157.6	170.9	186.5	203.1	217.9	231.4	245.5	261.6	275.0
-60°	122.5	131.4	141.5	152.6	164.5	178.1	190.7	203.0	214.3	225.4	239.0
-62.5°	111.2	117.9	125.4	134.7	144.5	153.5	164.0	174.6	185.0	193.8	203.5
-65°	97.5	103.7	109.1	116.1	124.6	131.3	138.4	146.1	154.8	162.6	168.2
-67.5°	83.6	89.7	93.8	96.8	102.6	108.1	113.4	118.8	125.1	133.5	139.4
-70°	68.1	75.7	80.3	82.7	83.3	84.2	88.1	91.7	97.3	107.1	114.9
-72.5°	52.5	60.0	65.8	69.9	70.2	68.7	67.4	66.2	71.8	83.2	92.7
-75°	40.2	44.8	50.7	55.3	56.3	54.7	51.9	49.5	54.6	64.3	73.5
-77.5°	30.2	33.9	37.6	41.3	42.3	41.5	39.7	36.9	41.1	48.9	57.5
-80°	21.1	22.9	25.6	28.3	29.0	28.8	27.9	26.4	29.7	34.5	39.9
-82.5°	13.7	14.9	16.0	17.1	17.1	16.7	16.1	15.5	17.9	20.8	23.9
-85°	6.9	6.8	7.3	7.8	8.0	7.9	7.7	7.2	8.3	9.5	10.8
-87.5°	3.4	3.4	3.3	3.1	2.9	2.6	2.3	1.9	2.0	2.1	2.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558893 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	2.2	2.3	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.3	2.0
85°	12.2	11.8	11.2	10.3	9.3	9.9	10.4	11.0	11.5	10.8	9.9
82.5°	27.3	27.6	27.6	27.6	27.4	28.6	29.7	30.7	31.6	29.2	26.4
80°	45.9	48.1	49.4	50.6	51.6	51.6	50.9	49.7	48.0	43.9	39.4
77.5°	66.4	69.8	71.5	73.3	75.1	75.7	76.1	76.5	77.0	69.8	60.7
75°	82.3	87.4	90.4	93.2	95.7	97.2	98.0	98.5	98.7	90.1	79.0
72.5°	100.4	105.4	109.0	112.4	115.6	117.7	118.9	119.8	120.4	112.9	102.3
70°	120.4	124.3	128.6	132.8	136.7	139.4	141.2	142.6	143.6	142.9	142.3
67.5°	144.0	147.5	152.7	156.7	160.8	163.7	166.7	169.1	170.9	172.9	175.2
65°	173.6	181.9	189.5	193.3	193.9	198.1	204.9	209.4	211.6	213.3	215.6
62.5°	214.7	224.9	230.3	236.7	245.1	252.8	255.8	259.8	264.6	270.3	276.9
60°	250.0	258.4	267.0	275.9	283.6	290.0	297.0	303.9	310.2	316.0	321.6
57.5°	286.1	295.2	304.0	314.5	321.8	326.2	332.9	341.2	347.6	352.6	360.2
55°	323.5	335.3	347.3	356.7	363.6	368.2	373.3	381.3	386.0	387.8	396.6
52.5°	361.1	375.1	389.8	400.9	408.2	415.1	421.4	428.4	433.2	435.5	444.0
50°	395.9	412.6	429.0	443.5	453.2	464.5	477.3	483.7	487.7	492.2	501.8
47.5°	429.0	447.7	465.3	481.6	495.6	508.3	519.3	530.0	545.6	558.1	570.4
45°	460.9	480.8	499.9	518.1	533.8	558.7	582.4	602.6	656.5	701.9	736.4
42.5°	490.8	514.9	536.4	566.9	600.0	657.5	746.2	828.4	987.6	1192.4	1363.4
40°	522.1	553.3	591.8	651.1	763.3	878.7	1223.6	1530.9	1833.2	2177.0	2471.6
37.5°	558.6	605.6	718.5	852.5	1212.3	1610.3	2099.1	2578.9	2996.7	3354.2	3652.7
35°	606.9	752.1	963.1	1451.4	1983.0	2635.5	3198.9	3650.1	4062.8	4394.1	4643.4
32.5°	749.3	1014.9	1572.3	2244.0	2975.1	3605.5	4154.3	4586.3	4962.8	5259.7	5490.8
30°	957.8	1568.2	2325.3	3129.7	3857.9	4459.9	4966.9	5378.7	5714.7	6016.8	6270.4
27.5°	1453.2	2238.7	3128.6	3949.0	4611.4	5175.0	5629.8	6037.8	6408.2	6726.3	7026.2
25°	1995.4	2967.8	3865.3	4612.0	5230.3	5759.0	6238.6	6684.8	7099.6	7471.9	7820.7
22.5°	2646.5	3616.3	4474.1	5165.2	5764.3	6307.4	6816.8	7313.5	7796.3	8250.6	8672.6
20°	3236.0	4187.9	4935.8	5626.0	6248.4	6814.3	7375.9	7954.7	8511.9	9059.1	9567.2
17.5°	3695.5	4580.9	5331.8	6031.4	6664.9	7305.9	7948.5	8613.3	9285.5	9920.9	10528.8
15°	4079.1	4908.8	5669.7	6369.3	7065.8	7773.0	8490.9	9274.1	10073.6	10834.3	11609.0
12.5°	4351.0	5182.4	5953.9	6655.8	7436.7	8204.4	9040.1	9932.7	10856.0	11742.0	12693.7
10°	4569.6	5400.6	6165.7	6922.5	7748.9	8600.2	9537.5	10520.6	11622.4	12671.5	13696.9
7.5°	4757.2	5582.8	6335.9	7140.0	8008.8	8944.4	9963.8	11075.3	12267.6	13435.1	14655.6
5°	4894.4	5706.9	6468.1	7318.3	8208.5	9195.8	10292.6	11480.3	12759.0	14038.2	15245.1
2.5°	4967.1	5777.7	6550.3	7429.0	8325.7	9348.2	10490.5	11749.3	13100.0	14495.7	15685.8
0°	4965.4	5807.4	6581.8	7503.6	8411.8	9394.3	10575.5	11921.6	13239.3	14689.5	15911.3
-2.5°	4967.1	5777.7	6550.3	7429.0	8325.7	9348.2	10490.5	11749.3	13100.0	14495.7	15685.8
-5°	4894.4	5706.9	6468.1	7318.3	8208.5	9195.8	10292.6	11480.3	12759.0	14038.2	15245.1
-7.5°	4757.2	5582.8	6335.9	7140.0	8008.8	8944.4	9963.8	11075.3	12267.6	13435.1	14655.6
-10°	4569.6	5400.6	6165.7	6922.5	7748.9	8600.2	9537.5	10520.6	11622.4	12671.5	13696.9
-12.5°	4351.0	5182.4	5953.9	6655.8	7436.7	8204.4	9040.1	9932.7	10856.0	11742.0	12693.7
-15°	4079.1	4908.8	5669.7	6369.3	7065.8	7773.0	8490.9	9274.1	10073.6	10834.3	11609.0
-17.5°	3695.5	4580.9	5331.8	6031.4	6664.9	7305.9	7948.5	8613.3	9285.5	9920.9	10528.8
-20°	3236.0	4187.9	4935.8	5626.0	6248.4	6814.3	7375.9	7954.7	8511.9	9059.1	9567.2



REPORT NUMBER: P558893 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	2646.5	3616.3	4474.1	5165.2	5764.3	6307.4	6816.8	7313.5	7796.3	8250.6	8672.6
-25°	1995.4	2967.8	3865.3	4612.0	5230.3	5759.0	6238.6	6684.8	7099.6	7471.9	7820.7
-27.5°	1453.2	2238.7	3128.6	3949.0	4611.4	5175.0	5629.8	6037.8	6408.2	6726.3	7026.2
-30°	957.8	1568.2	2325.3	3129.7	3857.9	4459.9	4966.9	5378.7	5714.7	6016.8	6270.4
-32.5°	749.3	1014.9	1572.3	2244.0	2975.1	3605.5	4154.3	4586.3	4962.8	5259.7	5490.8
-35°	606.9	752.1	963.1	1451.4	1983.0	2635.5	3198.9	3650.1	4062.8	4394.1	4643.4
-37.5°	558.6	605.6	718.5	852.5	1212.3	1610.3	2099.1	2578.9	2996.7	3354.2	3652.7
-40°	522.1	553.3	591.8	651.1	763.3	878.7	1223.6	1530.9	1833.2	2177.0	2471.6
-42.5°	490.8	514.9	536.4	566.9	600.0	657.5	746.2	828.4	987.6	1192.4	1363.4
-45°	460.9	480.8	499.9	518.1	533.8	558.7	582.4	602.6	656.5	701.9	736.4
-47.5°	429.0	447.7	465.3	481.6	495.6	508.3	519.3	530.0	545.6	558.1	570.4
-50°	395.9	412.6	429.0	443.5	453.2	464.5	477.3	483.7	487.7	492.2	501.8
-52.5°	361.1	375.1	389.8	400.9	408.2	415.1	421.4	428.4	433.2	435.5	444.0
-55°	323.5	335.3	347.3	356.7	363.6	368.2	373.3	381.3	386.0	387.8	396.6
-57.5°	286.1	295.2	304.0	314.5	321.8	326.2	332.9	341.2	347.6	352.6	360.2
-60°	250.0	258.4	267.0	275.9	283.6	290.0	297.0	303.9	310.2	316.0	321.6
-62.5°	214.7	224.9	230.3	236.7	245.1	252.8	255.8	259.8	264.6	270.3	276.9
-65°	173.6	181.9	189.5	193.3	193.9	198.1	204.9	209.4	211.6	213.3	215.6
-67.5°	144.0	147.5	152.7	156.7	160.8	163.7	166.7	169.1	170.9	172.9	175.2
-70°	120.4	124.3	128.6	132.8	136.7	139.4	141.2	142.6	143.6	142.9	142.3
-72.5°	100.4	105.4	109.0	112.4	115.6	117.7	118.9	119.8	120.4	112.9	102.3
-75°	82.3	87.4	90.4	93.2	95.7	97.2	98.0	98.5	98.7	90.1	79.0
-77.5°	66.4	69.8	71.5	73.3	75.1	75.7	76.1	76.5	77.0	69.8	60.7
-80°	45.9	48.1	49.4	50.6	51.6	51.6	50.9	49.7	48.0	43.9	39.4
-82.5°	27.3	27.6	27.6	27.6	27.4	28.6	29.7	30.7	31.6	29.2	26.4
-85°	12.2	11.8	11.2	10.3	9.3	9.9	10.4	11.0	11.5	10.8	9.9
-87.5°	2.2	2.3	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.3	2.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558893 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	1.7	1.4	1.4	1.4	1.4	1.4	1.7	2.0	2.3	2.6	2.6
85°	9.0	8.1	8.1	8.1	8.1	8.1	9.0	9.9	10.8	11.5	11.0
82.5°	23.4	20.2	20.3	20.3	20.3	20.2	23.4	26.4	29.2	31.6	30.7
80°	34.6	29.7	30.4	31.1	30.4	29.7	34.6	39.4	43.9	48.0	49.7
77.5°	51.0	40.8	40.5	40.5	40.5	40.8	51.0	60.7	69.8	77.0	76.5
75°	67.6	55.9	55.3	55.4	55.3	55.9	67.6	79.0	90.1	98.7	98.5
72.5°	91.4	80.1	75.1	70.3	75.1	80.1	91.4	102.3	112.9	120.4	119.8
70°	142.4	142.8	137.8	131.1	137.8	142.8	142.4	142.3	142.9	143.6	142.6
67.5°	177.1	178.5	180.7	182.5	180.7	178.5	177.1	175.2	172.9	170.9	169.1
65°	216.6	216.5	217.2	217.6	217.2	216.5	216.6	215.6	213.3	211.6	209.4
62.5°	282.6	287.1	290.3	291.9	290.3	287.1	282.6	276.9	270.3	264.6	259.8
60°	326.3	330.1	335.4	340.6	335.4	330.1	326.3	321.6	316.0	310.2	303.9
57.5°	367.2	373.5	378.7	382.5	378.7	373.5	367.2	360.2	352.6	347.6	341.2
55°	404.9	412.3	419.3	425.7	419.3	412.3	404.9	396.6	387.8	386.0	381.3
52.5°	452.3	458.4	468.4	481.1	468.4	458.4	452.3	444.0	435.5	433.2	428.4
50°	512.8	522.0	534.7	550.1	534.7	522.0	512.8	501.8	492.2	487.7	483.7
47.5°	582.9	592.1	604.3	620.3	604.3	592.1	582.9	570.4	558.1	545.6	530.0
45°	768.0	789.6	809.4	831.2	809.4	789.6	768.0	736.4	701.9	656.5	602.6
42.5°	1500.5	1595.3	1636.2	1612.3	1636.2	1595.3	1500.5	1363.4	1192.4	987.6	828.4
40°	2696.2	2853.7	2946.4	2978.7	2946.4	2853.7	2696.2	2471.6	2177.0	1833.2	1530.9
37.5°	3870.6	4015.6	4093.9	4103.2	4093.9	4015.6	3870.6	3652.7	3354.2	2996.7	2578.9
35°	4823.4	4942.8	5013.6	5066.8	5013.6	4942.8	4823.4	4643.4	4394.1	4062.8	3650.1
32.5°	5679.0	5815.1	5893.8	5876.3	5893.8	5815.1	5679.0	5490.8	5259.7	4962.8	4586.3
30°	6478.3	6627.2	6719.7	6722.4	6719.7	6627.2	6478.3	6270.4	6016.8	5714.7	5378.7
27.5°	7268.5	7435.7	7532.1	7607.6	7532.1	7435.7	7268.5	7026.2	6726.3	6408.2	6037.8
25°	8111.5	8319.9	8443.7	8518.5	8443.7	8319.9	8111.5	7820.7	7471.9	7099.6	6684.8
22.5°	9020.5	9278.6	9448.2	9518.6	9448.2	9278.6	9020.5	8672.6	8250.6	7796.3	7313.5
20°	10009.2	10329.0	10545.6	10539.0	10545.6	10329.0	10009.2	9567.2	9059.1	8511.9	7954.7
17.5°	11112.4	11525.0	11804.2	11844.6	11804.2	11525.0	11112.4	10528.8	9920.9	9285.5	8613.3
15°	12295.2	12827.1	13188.2	13300.2	13188.2	12827.1	12295.2	11609.0	10834.3	10073.6	9274.1
12.5°	13507.2	14139.9	14621.3	14781.4	14621.3	14139.9	13507.2	12693.7	11742.0	10856.0	9932.7
10°	14662.1	15362.9	15885.3	16116.7	15885.3	15362.9	14662.1	13696.9	12671.5	11622.4	10520.6
7.5°	15627.4	16339.5	16877.7	17068.1	16877.7	16339.5	15627.4	14655.6	13435.1	12267.6	11075.3
5°	16263.4	17041.3	17459.8	17695.2	17459.8	17041.3	16263.4	15245.1	14038.2	12759.0	11480.3
2.5°	16688.4	17348.0	17771.9	17988.5	17771.9	17348.0	16688.4	15685.8	14495.7	13100.0	11749.3
0°	16914.1	17585.8	17896.6	18002.0	17896.6	17585.8	16914.1	15911.3	14689.5	13239.3	11921.6
-2.5°	16688.4	17348.0	17771.9	17988.5	17771.9	17348.0	16688.4	15685.8	14495.7	13100.0	11749.3
-5°	16263.4	17041.3	17459.8	17695.2	17459.8	17041.3	16263.4	15245.1	14038.2	12759.0	11480.3
-7.5°	15627.4	16339.5	16877.7	17068.1	16877.7	16339.5	15627.4	14655.6	13435.1	12267.6	11075.3
-10°	14662.1	15362.9	15885.3	16116.7	15885.3	15362.9	14662.1	13696.9	12671.5	11622.4	10520.6
-12.5°	13507.2	14139.9	14621.3	14781.4	14621.3	14139.9	13507.2	12693.7	11742.0	10856.0	9932.7
-15°	12295.2	12827.1	13188.2	13300.2	13188.2	12827.1	12295.2	11609.0	10834.3	10073.6	9274.1
-17.5°	11112.4	11525.0	11804.2	11844.6	11804.2	11525.0	11112.4	10528.8	9920.9	9285.5	8613.3
-20°	10009.2	10329.0	10545.6	10539.0	10545.6	10329.0	10009.2	9567.2	9059.1	8511.9	7954.7



REPORT NUMBER: P558893 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	9020.5	9278.6	9448.2	9518.6	9448.2	9278.6	9020.5	8672.6	8250.6	7796.3	7313.5
-25°	8111.5	8319.9	8443.7	8518.5	8443.7	8319.9	8111.5	7820.7	7471.9	7099.6	6684.8
-27.5°	7268.5	7435.7	7532.1	7607.6	7532.1	7435.7	7268.5	7026.2	6726.3	6408.2	6037.8
-30°	6478.3	6627.2	6719.7	6722.4	6719.7	6627.2	6478.3	6270.4	6016.8	5714.7	5378.7
-32.5°	5679.0	5815.1	5893.8	5876.3	5893.8	5815.1	5679.0	5490.8	5259.7	4962.8	4586.3
-35°	4823.4	4942.8	5013.6	5066.8	5013.6	4942.8	4823.4	4643.4	4394.1	4062.8	3650.1
-37.5°	3870.6	4015.6	4093.9	4103.2	4093.9	4015.6	3870.6	3652.7	3354.2	2996.7	2578.9
-40°	2696.2	2853.7	2946.4	2978.7	2946.4	2853.7	2696.2	2471.6	2177.0	1833.2	1530.9
-42.5°	1500.5	1595.3	1636.2	1612.3	1636.2	1595.3	1500.5	1363.4	1192.4	987.6	828.4
-45°	768.0	789.6	809.4	831.2	809.4	789.6	768.0	736.4	701.9	656.5	602.6
-47.5°	582.9	592.1	604.3	620.3	604.3	592.1	582.9	570.4	558.1	545.6	530.0
-50°	512.8	522.0	534.7	550.1	534.7	522.0	512.8	501.8	492.2	487.7	483.7
-52.5°	452.3	458.4	468.4	481.1	468.4	458.4	452.3	444.0	435.5	433.2	428.4
-55°	404.9	412.3	419.3	425.7	419.3	412.3	404.9	396.6	387.8	386.0	381.3
-57.5°	367.2	373.5	378.7	382.5	378.7	373.5	367.2	360.2	352.6	347.6	341.2
-60°	326.3	330.1	335.4	340.6	335.4	330.1	326.3	321.6	316.0	310.2	303.9
-62.5°	282.6	287.1	290.3	291.9	290.3	287.1	282.6	276.9	270.3	264.6	259.8
-65°	216.6	216.5	217.2	217.6	217.2	216.5	216.6	215.6	213.3	211.6	209.4
-67.5°	177.1	178.5	180.7	182.5	180.7	178.5	177.1	175.2	172.9	170.9	169.1
-70°	142.4	142.8	137.8	131.1	137.8	142.8	142.4	142.3	142.9	143.6	142.6
-72.5°	91.4	80.1	75.1	70.3	75.1	80.1	91.4	102.3	112.9	120.4	119.8
-75°	67.6	55.9	55.3	55.4	55.3	55.9	67.6	79.0	90.1	98.7	98.5
-77.5°	51.0	40.8	40.5	40.5	40.5	40.8	51.0	60.7	69.8	77.0	76.5
-80°	34.6	29.7	30.4	31.1	30.4	29.7	34.6	39.4	43.9	48.0	49.7
-82.5°	23.4	20.2	20.3	20.3	20.3	20.2	23.4	26.4	29.2	31.6	30.7
-85°	9.0	8.1	8.1	8.1	8.1	8.1	9.0	9.9	10.8	11.5	11.0
-87.5°	1.7	1.4	1.4	1.4	1.4	1.4	1.7	2.0	2.3	2.6	2.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558893 (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°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.5	2.5	2.4	2.4	2.3	2.3	2.2	2.1	2.1	2.0	1.9
85°	10.4	9.9	9.3	10.3	11.2	11.8	12.2	10.8	9.5	8.3	7.2
82.5°	29.7	28.6	27.4	27.6	27.6	27.6	27.3	23.9	20.8	17.9	15.5
80°	50.9	51.6	51.6	50.6	49.4	48.1	45.9	39.9	34.5	29.7	26.4
77.5°	76.1	75.7	75.1	73.3	71.5	69.8	66.4	57.5	48.9	41.1	36.9
75°	98.0	97.2	95.7	93.2	90.4	87.4	82.3	73.5	64.3	54.6	49.5
72.5°	118.9	117.7	115.6	112.4	109.0	105.4	100.4	92.7	83.2	71.8	66.2
70°	141.2	139.4	136.7	132.8	128.6	124.3	120.4	114.9	107.1	97.3	91.7
67.5°	166.7	163.7	160.8	156.7	152.7	147.5	144.0	139.4	133.5	125.1	118.8
65°	204.9	198.1	193.9	193.3	189.5	181.9	173.6	168.2	162.6	154.8	146.1
62.5°	255.8	252.8	245.1	236.7	230.3	224.9	214.7	203.5	193.8	185.0	174.6
60°	297.0	290.0	283.6	275.9	267.0	258.4	250.0	239.0	225.4	214.3	203.0
57.5°	332.9	326.2	321.8	314.5	304.0	295.2	286.1	275.0	261.6	245.5	231.4
55°	373.3	368.2	363.6	356.7	347.3	335.3	323.5	311.6	296.6	277.3	259.9
52.5°	421.4	415.1	408.2	400.9	389.8	375.1	361.1	347.0	329.6	308.8	287.5
50°	477.3	464.5	453.2	443.5	429.0	412.6	395.9	380.1	359.5	338.0	315.9
47.5°	519.3	508.3	495.6	481.6	465.3	447.7	429.0	409.1	387.6	365.2	341.9
45°	582.4	558.7	533.8	518.1	499.9	480.8	460.9	438.1	414.7	390.8	366.4
42.5°	746.2	657.5	600.0	566.9	536.4	514.9	490.8	466.3	441.2	415.8	389.9
40°	1223.6	878.7	763.3	651.1	591.8	553.3	522.1	493.4	466.8	439.9	412.6
37.5°	2099.1	1610.3	1212.3	852.5	718.5	605.6	558.6	521.5	491.2	463.1	434.4
35°	3198.9	2635.5	1983.0	1451.4	963.1	752.1	606.9	554.8	516.1	485.6	455.4
32.5°	4154.3	3605.5	2975.1	2244.0	1572.3	1014.9	749.3	599.2	543.6	508.0	475.8
30°	4966.9	4459.9	3857.9	3129.7	2325.3	1568.2	957.8	712.9	584.7	529.2	495.3
27.5°	5629.8	5175.0	4611.4	3949.0	3128.6	2238.7	1453.2	854.4	646.3	561.1	513.8
25°	6238.6	5759.0	5230.3	4612.0	3865.3	2967.8	1995.4	1227.0	767.4	595.2	531.0
22.5°	6816.8	6307.4	5764.3	5165.2	4474.1	3616.3	2646.5	1641.6	889.7	656.9	557.8
20°	7375.9	6814.3	6248.4	5626.0	4935.8	4187.9	3236.0	2138.5	1238.7	750.6	583.2
17.5°	7948.5	7305.9	6664.9	6031.4	5331.8	4580.9	3695.5	2638.1	1542.0	834.9	605.2
15°	8490.9	7773.0	7065.8	6369.3	5669.7	4908.8	4079.1	3083.1	1843.1	1005.5	667.5
12.5°	9040.1	8204.4	7436.7	6655.8	5953.9	5182.4	4351.0	3386.8	2196.4	1214.5	729.5
10°	9537.5	8600.2	7748.9	6922.5	6165.7	5400.6	4569.6	3630.9	2487.0	1386.3	780.4
7.5°	9963.8	8944.4	8008.8	7140.0	6335.9	5582.8	4757.2	3825.7	2705.8	1519.0	820.1
5°	10292.6	9195.8	8208.5	7318.3	6468.1	5706.9	4894.4	3967.5	2853.2	1612.3	848.7
2.5°	10490.5	9348.2	8325.7	7429.0	6550.3	5777.7	4967.1	4058.2	2947.1	1672.4	869.8
0°	10575.5	9394.3	8411.8	7503.6	6581.8	5807.4	4965.4	4092.4	2981.4	1694.8	879.8
-2.5°	10490.5	9348.2	8325.7	7429.0	6550.3	5777.7	4967.1	4058.2	2947.1	1672.4	869.8
-5°	10292.6	9195.8	8208.5	7318.3	6468.1	5706.9	4894.4	3967.5	2853.2	1612.3	848.7
-7.5°	9963.8	8944.4	8008.8	7140.0	6335.9	5582.8	4757.2	3825.7	2705.8	1519.0	820.1
-10°	9537.5	8600.2	7748.9	6922.5	6165.7	5400.6	4569.6	3630.9	2487.0	1386.3	780.4
-12.5°	9040.1	8204.4	7436.7	6655.8	5953.9	5182.4	4351.0	3386.8	2196.4	1214.5	729.5
-15°	8490.9	7773.0	7065.8	6369.3	5669.7	4908.8	4079.1	3083.1	1843.1	1005.5	667.5
-17.5°	7948.5	7305.9	6664.9	6031.4	5331.8	4580.9	3695.5	2638.1	1542.0	834.9	605.2
-20°	7375.9	6814.3	6248.4	5626.0	4935.8	4187.9	3236.0	2138.5	1238.7	750.6	583.2



REPORT NUMBER: P558893 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	6816.8	6307.4	5764.3	5165.2	4474.1	3616.3	2646.5	1641.6	889.7	656.9	557.8
-25°	6238.6	5759.0	5230.3	4612.0	3865.3	2967.8	1995.4	1227.0	767.4	595.2	531.0
-27.5°	5629.8	5175.0	4611.4	3949.0	3128.6	2238.7	1453.2	854.4	646.3	561.1	513.8
-30°	4966.9	4459.9	3857.9	3129.7	2325.3	1568.2	957.8	712.9	584.7	529.2	495.3
-32.5°	4154.3	3605.5	2975.1	2244.0	1572.3	1014.9	749.3	599.2	543.6	508.0	475.8
-35°	3198.9	2635.5	1983.0	1451.4	963.1	752.1	606.9	554.8	516.1	485.6	455.4
-37.5°	2099.1	1610.3	1212.3	852.5	718.5	605.6	558.6	521.5	491.2	463.1	434.4
-40°	1223.6	878.7	763.3	651.1	591.8	553.3	522.1	493.4	466.8	439.9	412.6
-42.5°	746.2	657.5	600.0	566.9	536.4	514.9	490.8	466.3	441.2	415.8	389.9
-45°	582.4	558.7	533.8	518.1	499.9	480.8	460.9	438.1	414.7	390.8	366.4
-47.5°	519.3	508.3	495.6	481.6	465.3	447.7	429.0	409.1	387.6	365.2	341.9
-50°	477.3	464.5	453.2	443.5	429.0	412.6	395.9	380.1	359.5	338.0	315.9
-52.5°	421.4	415.1	408.2	400.9	389.8	375.1	361.1	347.0	329.6	308.8	287.5
-55°	373.3	368.2	363.6	356.7	347.3	335.3	323.5	311.6	296.6	277.3	259.9
-57.5°	332.9	326.2	321.8	314.5	304.0	295.2	286.1	275.0	261.6	245.5	231.4
-60°	297.0	290.0	283.6	275.9	267.0	258.4	250.0	239.0	225.4	214.3	203.0
-62.5°	255.8	252.8	245.1	236.7	230.3	224.9	214.7	203.5	193.8	185.0	174.6
-65°	204.9	198.1	193.9	193.3	189.5	181.9	173.6	168.2	162.6	154.8	146.1
-67.5°	166.7	163.7	160.8	156.7	152.7	147.5	144.0	139.4	133.5	125.1	118.8
-70°	141.2	139.4	136.7	132.8	128.6	124.3	120.4	114.9	107.1	97.3	91.7
-72.5°	118.9	117.7	115.6	112.4	109.0	105.4	100.4	92.7	83.2	71.8	66.2
-75°	98.0	97.2	95.7	93.2	90.4	87.4	82.3	73.5	64.3	54.6	49.5
-77.5°	76.1	75.7	75.1	73.3	71.5	69.8	66.4	57.5	48.9	41.1	36.9
-80°	50.9	51.6	51.6	50.6	49.4	48.1	45.9	39.9	34.5	29.7	26.4
-82.5°	29.7	28.6	27.4	27.6	27.6	27.6	27.3	23.9	20.8	17.9	15.5
-85°	10.4	9.9	9.3	10.3	11.2	11.8	12.2	10.8	9.5	8.3	7.2
-87.5°	2.5	2.5	2.4	2.4	2.3	2.3	2.2	2.1	2.1	2.0	1.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558893 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	2.3	2.6	2.9	3.1	3.3	3.4	3.4	3.4	3.2	3.0	2.8
85°	7.7	7.9	8.0	7.8	7.3	6.8	6.9	6.8	6.5	6.0	5.5
82.5°	16.1	16.7	17.1	17.1	16.0	14.9	13.7	12.5	11.1	9.3	8.3
80°	27.9	28.8	29.0	28.3	25.6	22.9	21.1	19.4	18.0	16.0	13.4
77.5°	39.7	41.5	42.3	41.3	37.6	33.9	30.2	26.9	24.9	22.7	19.8
75°	51.9	54.7	56.3	55.3	50.7	44.8	40.2	36.3	33.4	29.7	26.2
72.5°	67.4	68.7	70.2	69.9	65.8	60.0	52.5	45.7	42.5	38.3	33.0
70°	88.1	84.2	83.3	82.7	80.3	75.7	68.1	59.2	51.8	47.0	41.1
67.5°	113.4	108.1	102.6	96.8	93.8	89.7	83.6	73.2	63.4	55.7	49.1
65°	138.4	131.3	124.6	116.1	109.1	103.7	97.5	86.3	74.6	64.9	57.2
62.5°	164.0	153.5	144.5	134.7	125.4	117.9	111.2	98.5	85.3	73.6	64.5
60°	190.7	178.1	164.5	152.6	141.5	131.4	122.5	110.5	96.2	81.8	71.1
57.5°	217.9	203.1	186.5	170.9	157.6	145.2	133.2	121.0	107.0	91.1	77.0
55°	244.6	228.5	208.4	189.9	173.7	159.6	144.4	130.7	117.1	100.5	81.3
52.5°	268.5	251.7	231.7	209.3	189.9	173.3	156.5	140.2	125.7	109.7	87.1
50°	293.0	272.0	252.9	230.7	206.1	186.8	168.3	150.7	134.1	118.2	92.6
47.5°	318.3	293.9	271.6	250.7	225.6	199.9	180.2	160.9	142.3	125.5	97.3
45°	341.6	316.4	290.8	267.6	243.7	215.2	191.8	170.8	151.1	129.3	101.4
42.5°	363.8	337.4	310.6	283.9	258.9	230.2	203.0	180.8	159.6	132.1	104.3
40°	385.0	357.2	329.2	301.5	274.1	243.9	215.2	190.6	167.1	134.7	106.2
37.5°	405.1	376.0	346.7	318.2	289.6	258.1	226.5	199.9	170.7	137.4	107.6
35°	424.7	393.8	364.1	334.2	304.2	272.4	236.6	208.8	176.2	139.7	108.4
32.5°	443.2	411.3	380.7	349.7	318.0	286.9	248.0	217.0	182.8	141.6	108.5
30°	461.3	428.3	396.2	364.4	331.2	299.0	260.7	225.0	190.6	143.0	108.5
27.5°	478.6	443.9	410.6	377.9	343.9	310.1	273.2	232.9	199.3	145.8	109.3
25°	494.5	458.6	424.1	390.3	355.9	320.7	284.7	240.7	206.5	151.7	109.5
22.5°	509.2	471.9	436.2	401.7	367.5	331.0	294.4	250.2	212.5	157.8	109.4
20°	522.6	483.8	447.6	413.6	378.2	340.8	302.7	258.8	218.1	164.0	108.8
17.5°	536.0	496.1	460.7	425.0	387.9	349.7	310.4	266.5	223.3	170.2	107.8
15°	557.1	509.5	472.6	435.7	397.0	357.7	317.5	273.3	228.0	176.1	107.5
12.5°	576.0	521.5	483.3	445.5	405.3	364.7	323.8	279.1	232.2	180.2	107.9
10°	592.1	532.0	492.8	454.5	412.7	370.7	329.4	284.0	235.7	181.8	107.7
7.5°	605.1	541.0	500.9	462.5	419.6	376.5	334.6	288.2	239.1	182.0	106.8
5°	616.4	550.8	511.2	471.2	427.7	382.2	338.9	291.3	242.1	180.7	105.4
2.5°	629.2	562.6	522.4	478.9	434.8	386.9	342.3	293.5	244.6	178.1	103.6
0°	639.3	573.0	532.5	485.2	440.6	390.6	344.6	294.6	246.0	174.3	101.4
-2.5°	629.2	562.6	522.4	478.9	434.8	386.9	342.3	293.5	244.6	178.1	103.6
-5°	616.4	550.8	511.2	471.2	427.7	382.2	338.9	291.3	242.1	180.7	105.4
-7.5°	605.1	541.0	500.9	462.5	419.6	376.5	334.6	288.2	239.1	182.0	106.8
-10°	592.1	532.0	492.8	454.5	412.7	370.7	329.4	284.0	235.7	181.8	107.7
-12.5°	576.0	521.5	483.3	445.5	405.3	364.7	323.8	279.1	232.2	180.2	107.9
-15°	557.1	509.5	472.6	435.7	397.0	357.7	317.5	273.3	228.0	176.1	107.5
-17.5°	536.0	496.1	460.7	425.0	387.9	349.7	310.4	266.5	223.3	170.2	107.8
-20°	522.6	483.8	447.6	413.6	378.2	340.8	302.7	258.8	218.1	164.0	108.8



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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°	509.2	471.9	436.2	401.7	367.5	331.0	294.4	250.2	212.5	157.8	109.4
-25°	494.5	458.6	424.1	390.3	355.9	320.7	284.7	240.7	206.5	151.7	109.5
-27.5°	478.6	443.9	410.6	377.9	343.9	310.1	273.2	232.9	199.3	145.8	109.3
-30°	461.3	428.3	396.2	364.4	331.2	299.0	260.7	225.0	190.6	143.0	108.5
-32.5°	443.2	411.3	380.7	349.7	318.0	286.9	248.0	217.0	182.8	141.6	108.5
-35°	424.7	393.8	364.1	334.2	304.2	272.4	236.6	208.8	176.2	139.7	108.4
-37.5°	405.1	376.0	346.7	318.2	289.6	258.1	226.5	199.9	170.7	137.4	107.6
-40°	385.0	357.2	329.2	301.5	274.1	243.9	215.2	190.6	167.1	134.7	106.2
-42.5°	363.8	337.4	310.6	283.9	258.9	230.2	203.0	180.8	159.6	132.1	104.3
-45°	341.6	316.4	290.8	267.6	243.7	215.2	191.8	170.8	151.1	129.3	101.4
-47.5°	318.3	293.9	271.6	250.7	225.6	199.9	180.2	160.9	142.3	125.5	97.3
-50°	293.0	272.0	252.9	230.7	206.1	186.8	168.3	150.7	134.1	118.2	92.6
-52.5°	268.5	251.7	231.7	209.3	189.9	173.3	156.5	140.2	125.7	109.7	87.1
-55°	244.6	228.5	208.4	189.9	173.7	159.6	144.4	130.7	117.1	100.5	81.3
-57.5°	217.9	203.1	186.5	170.9	157.6	145.2	133.2	121.0	107.0	91.1	77.0
-60°	190.7	178.1	164.5	152.6	141.5	131.4	122.5	110.5	96.2	81.8	71.1
-62.5°	164.0	153.5	144.5	134.7	125.4	117.9	111.2	98.5	85.3	73.6	64.5
-65°	138.4	131.3	124.6	116.1	109.1	103.7	97.5	86.3	74.6	64.9	57.2
-67.5°	113.4	108.1	102.6	96.8	93.8	89.7	83.6	73.2	63.4	55.7	49.1
-70°	88.1	84.2	83.3	82.7	80.3	75.7	68.1	59.2	51.8	47.0	41.1
-72.5°	67.4	68.7	70.2	69.9	65.8	60.0	52.5	45.7	42.5	38.3	33.0
-75°	51.9	54.7	56.3	55.3	50.7	44.8	40.2	36.3	33.4	29.7	26.2
-77.5°	39.7	41.5	42.3	41.3	37.6	33.9	30.2	26.9	24.9	22.7	19.8
-80°	27.9	28.8	29.0	28.3	25.6	22.9	21.1	19.4	18.0	16.0	13.4
-82.5°	16.1	16.7	17.1	17.1	16.0	14.9	13.7	12.5	11.1	9.3	8.3
-85°	7.7	7.9	8.0	7.8	7.3	6.8	6.9	6.8	6.5	6.0	5.5
-87.5°	2.3	2.6	2.9	3.1	3.3	3.4	3.4	3.4	3.2	3.0	2.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.5	1.9	1.4	1.0	0.6	0.3	0.0
85°	4.9	3.8	2.8	1.9	1.2	0.6	0.0
82.5°	7.3	5.7	4.2	2.9	1.8	0.9	0.0
80°	10.1	7.6	5.6	3.9	2.4	1.2	0.0
77.5°	15.9	10.3	7.0	4.8	2.9	1.5	0.0
75°	21.5	14.7	8.6	5.7	3.5	1.8	0.0
72.5°	27.0	18.9	11.8	6.6	4.1	2.0	0.0
70°	32.5	23.1	14.9	7.8	4.6	2.3	0.0
67.5°	38.9	27.1	17.9	9.9	5.2	2.6	0.0
65°	45.0	31.5	20.8	11.9	5.7	2.9	0.0
62.5°	50.9	36.0	23.6	13.9	6.3	3.1	0.0
60°	56.5	40.4	26.3	15.8	6.8	3.4	0.0
57.5°	60.3	44.5	29.4	17.6	8.0	3.7	0.0
55°	63.5	48.4	32.3	19.3	9.1	3.9	0.0
52.5°	66.2	51.7	35.1	20.9	10.2	4.1	0.0
50°	68.5	53.4	37.6	22.5	11.3	4.4	0.0
47.5°	70.6	54.7	40.0	24.0	12.3	4.6	0.0
45°	74.0	55.7	42.1	25.6	13.3	4.8	0.0
42.5°	76.9	56.3	44.1	27.0	14.3	5.0	0.0
40°	79.3	56.7	45.1	28.6	15.1	5.2	0.0
37.5°	81.1	56.6	45.3	30.2	16.0	5.4	0.0
35°	82.4	57.4	45.2	31.8	16.7	5.6	0.0
32.5°	83.1	58.3	44.9	33.3	17.5	5.7	0.0
30°	83.0	58.8	44.5	34.7	18.1	5.9	0.0
27.5°	82.5	58.9	45.0	36.1	18.7	6.0	0.0
25°	81.6	58.8	45.5	37.5	19.3	6.2	0.0
22.5°	80.3	58.9	45.9	38.8	19.8	6.3	0.0
20°	78.6	60.4	46.3	40.0	20.2	6.4	0.0
17.5°	78.7	61.8	46.6	41.1	20.6	6.5	0.0
15°	79.9	62.9	46.8	42.1	20.9	6.6	0.0
12.5°	80.8	63.9	47.0	43.0	21.2	6.6	0.0
10°	81.6	64.7	47.1	43.9	21.4	6.7	0.0
7.5°	82.1	65.4	47.2	44.6	21.5	6.7	0.0
5°	82.4	65.8	47.3	45.2	21.6	6.8	0.0
2.5°	82.5	66.1	47.3	45.7	21.6	6.8	0.0
0°	82.4	66.2	47.3	46.0	21.6	6.8	0.0
-2.5°	82.5	66.1	47.3	45.7	21.6	6.8	0.0
-5°	82.4	65.8	47.3	45.2	21.6	6.8	0.0
-7.5°	82.1	65.4	47.2	44.6	21.5	6.7	0.0
-10°	81.6	64.7	47.1	43.9	21.4	6.7	0.0
-12.5°	80.8	63.9	47.0	43.0	21.2	6.6	0.0
-15°	79.9	62.9	46.8	42.1	20.9	6.6	0.0
-17.5°	78.7	61.8	46.6	41.1	20.6	6.5	0.0
-20°	78.6	60.4	46.3	40.0	20.2	6.4	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	80.3	58.9	45.9	38.8	19.8	6.3	0.0
-25°	81.6	58.8	45.5	37.5	19.3	6.2	0.0
-27.5°	82.5	58.9	45.0	36.1	18.7	6.0	0.0
-30°	83.0	58.8	44.5	34.7	18.1	5.9	0.0
-32.5°	83.1	58.3	44.9	33.3	17.5	5.7	0.0
-35°	82.4	57.4	45.2	31.8	16.7	5.6	0.0
-37.5°	81.1	56.6	45.3	30.2	16.0	5.4	0.0
-40°	79.3	56.7	45.1	28.6	15.1	5.2	0.0
-42.5°	76.9	56.3	44.1	27.0	14.3	5.0	0.0
-45°	74.0	55.7	42.1	25.6	13.3	4.8	0.0
-47.5°	70.6	54.7	40.0	24.0	12.3	4.6	0.0
-50°	68.5	53.4	37.6	22.5	11.3	4.4	0.0
-52.5°	66.2	51.7	35.1	20.9	10.2	4.1	0.0
-55°	63.5	48.4	32.3	19.3	9.1	3.9	0.0
-57.5°	60.3	44.5	29.4	17.6	8.0	3.7	0.0
-60°	56.5	40.4	26.3	15.8	6.8	3.4	0.0
-62.5°	50.9	36.0	23.6	13.9	6.3	3.1	0.0
-65°	45.0	31.5	20.8	11.9	5.7	2.9	0.0
-67.5°	38.9	27.1	17.9	9.9	5.2	2.6	0.0
-70°	32.5	23.1	14.9	7.8	4.6	2.3	0.0
-72.5°	27.0	18.9	11.8	6.6	4.1	2.0	0.0
-75°	21.5	14.7	8.6	5.7	3.5	1.8	0.0
-77.5°	15.9	10.3	7.0	4.8	2.9	1.5	0.0
-80°	10.1	7.6	5.6	3.9	2.4	1.2	0.0
-82.5°	7.3	5.7	4.2	2.9	1.8	0.9	0.0
-85°	4.9	3.8	2.8	1.9	1.2	0.6	0.0
-87.5°	2.5	1.9	1.4	1.0	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)