

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: P558797 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-935-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558797 (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-SA3C-935-U-MWR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (48) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

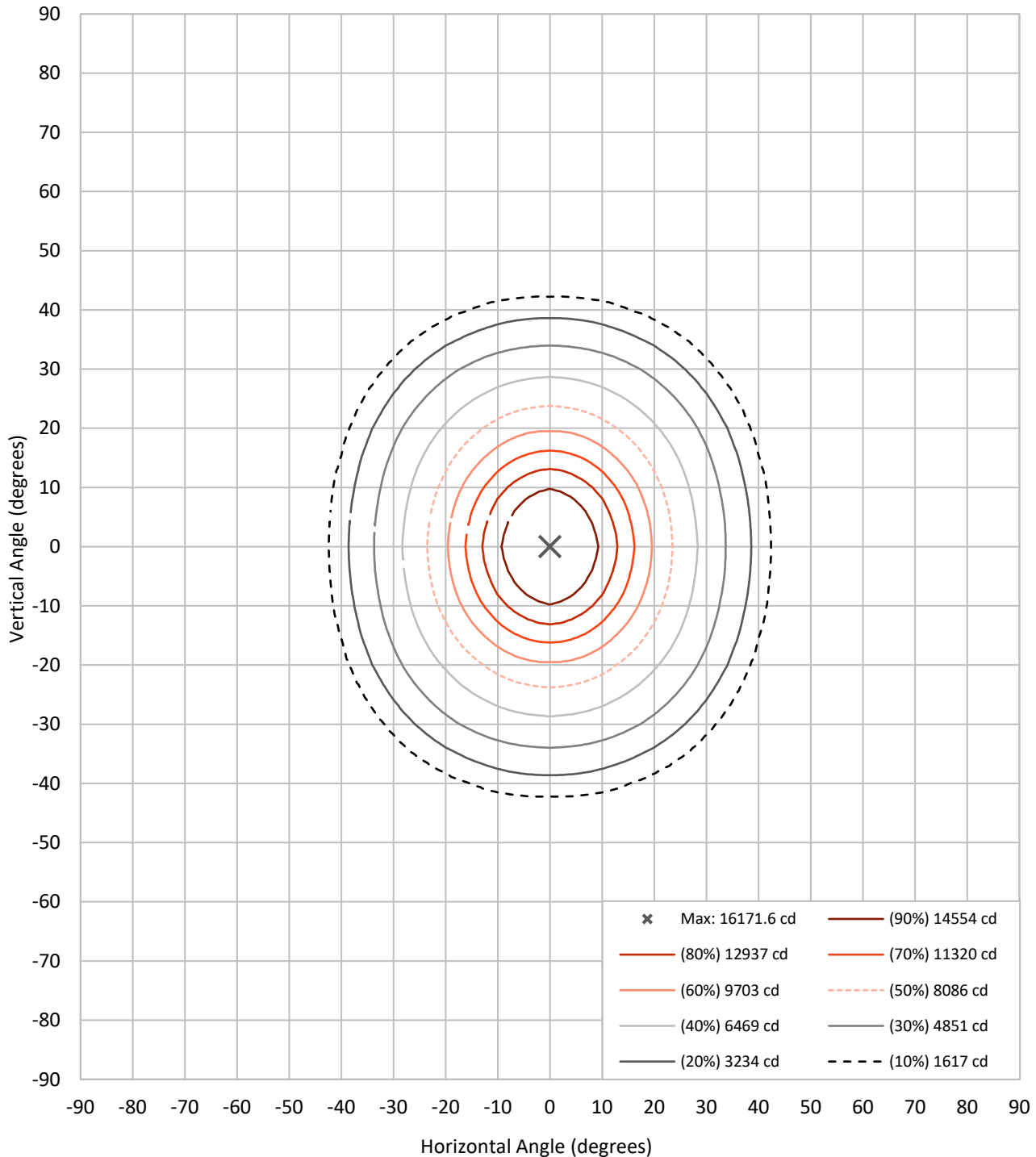
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	12588.7 lumens	Max Intensity:	16171.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	105.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	5940.2 lumens	Field Lumens:	11430.5 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 119
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: P558797 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





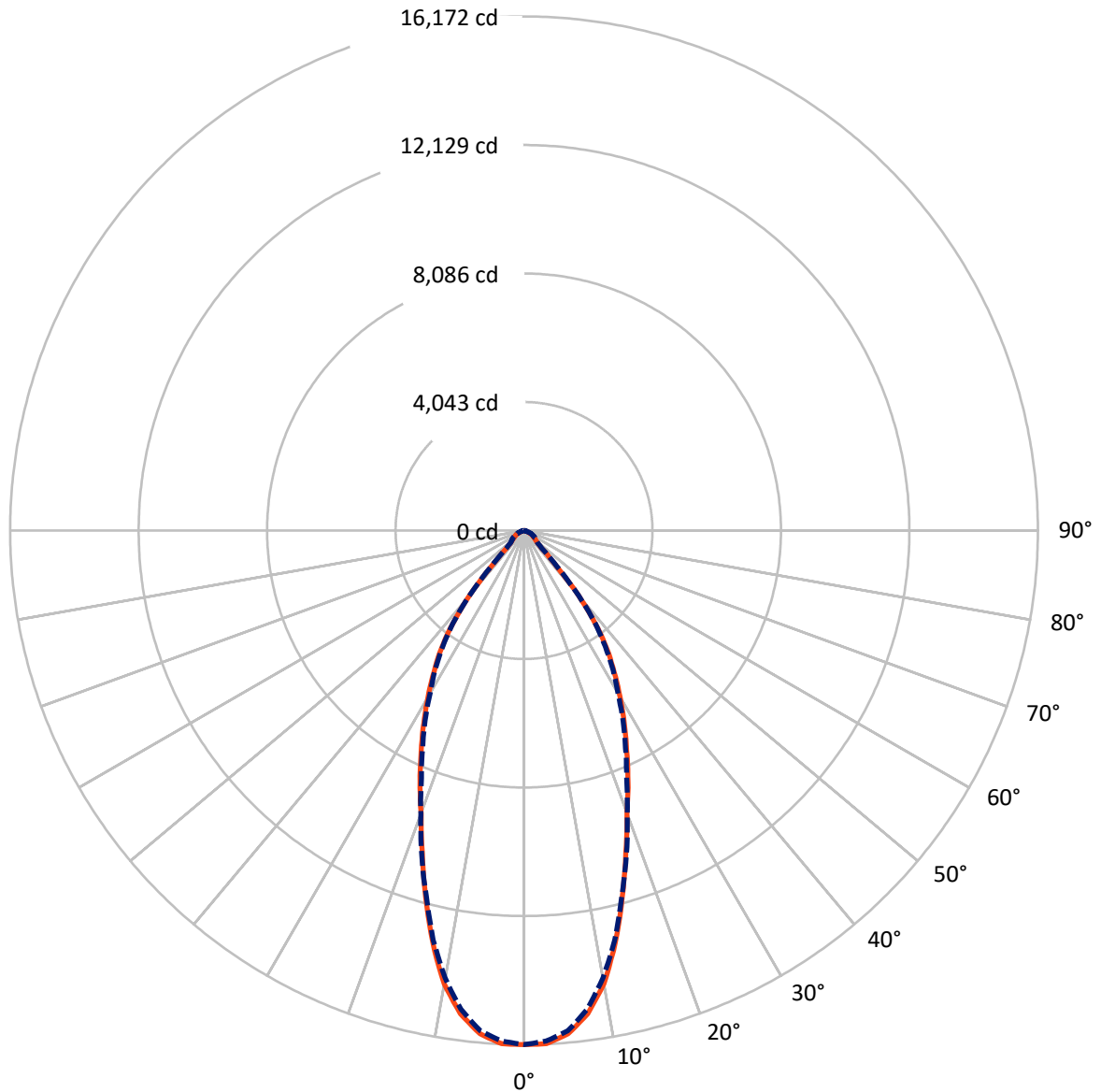
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Lumen Table

90															90				
80	0.2	1.5		3.5		5.7		4.4		5.7		3.5		1.5		0.2			
70															70				
60	0.9	1.0	1.8	2.9	4.0	5.0	5.8	6.2	6.2	5.8	5.0	4.0	2.9	1.8	1.0	0.9			
50		1.5	3.0	5.0	7.2	9.0	10.3	11.4	11.4	10.3	9.0	7.2	5.0	3.0	1.5				
40	1.3	2.0	4.2	7.1	10.3	14.1	22.4	31.3	31.3	22.4	14.1	10.3	7.1	4.2	2.0	1.3			
30		2.4	5.3	8.8	16.6	53.1	103.3	131.6	131.6	103.3	53.1	16.6	8.8	5.3	2.4				
20	1.5	2.8	6.1	11.1	48.5	126.7	187.0	226.5	226.5	187.0	126.7	48.5	11.1	6.1	2.8	1.5			
10		3.2	6.8	16.9	88.2	174.9	265.8	346.0	346.0	265.8	174.9	88.2	16.9	6.8	3.2				
0	1.5	3.4	7.4	23.4	107.5	204.1	334.3	452.1	452.1	334.3	204.1	107.5	23.4	7.4	3.4	1.5			
-10		3.4	7.4	23.4	107.5	204.1	334.3	452.1	452.1	334.3	204.1	107.5	23.4	7.4	3.4				
-20	1.5	3.2	6.8	16.9	88.2	174.9	265.8	346.0	346.0	265.8	174.9	88.2	16.9	6.8	3.2	1.5			
-30		2.8	6.1	11.1	48.5	126.7	187.0	226.5	226.5	187.0	126.7	48.5	11.1	6.1	2.8				
-40	1.3	2.4	5.3	8.8	16.6	53.1	103.3	131.6	131.6	103.3	53.1	16.6	8.8	5.3	2.4	1.3			
-50		2.0	4.2	7.1	10.3	14.1	22.4	31.3	31.3	22.4	14.1	10.3	7.1	4.2	2.0				
-60	0.9	1.5	3.0	5.0	7.2	9.0	10.3	11.4	11.4	10.3	9.0	7.2	5.0	3.0	1.5	0.9			
-70		1.0	1.8	2.9	4.0	5.0	5.8	6.2	6.2	5.8	5.0	4.0	2.9	1.8	1.0				
-80															-80				
-90	0.2	1.5		3.5		5.7		4.4		5.7		3.5		1.5		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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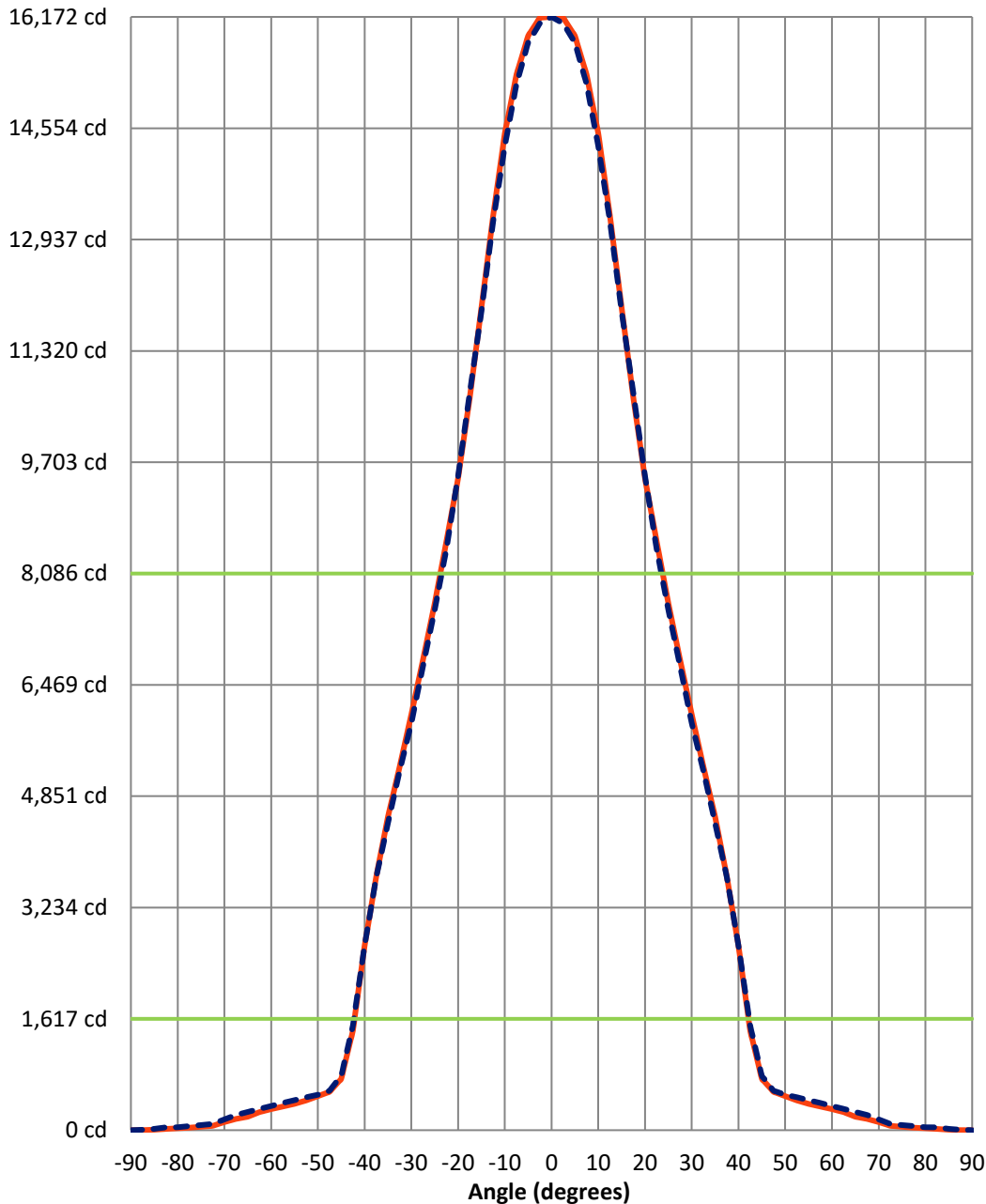
Luminous Intensity Polar Plot



— 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: 5940.2
 Efficiency: 47.2%

Field:
 H Angle: 84.6°
 V Angle: 84.3°
 Lumens: 11430.5
 Efficiency: 90.8%

Spill:
 Lumens: 1158.2
 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	0.5	0.9	1.3	1.7	2.2	2.5	2.7	2.9	3.1
85°	0.0	0.5	1.1	1.7	2.5	3.4	4.4	4.9	5.4	5.8	6.2
82.5°	0.0	0.8	1.6	2.6	3.8	5.1	6.6	7.4	8.3	10.0	11.2
80°	0.0	1.1	2.1	3.5	5.0	6.8	9.1	12.0	14.4	16.2	17.5
77.5°	0.0	1.3	2.6	4.3	6.2	9.2	14.2	17.8	20.4	22.4	24.2
75°	0.0	1.6	3.2	5.1	7.7	13.2	19.3	23.5	26.7	30.0	32.6
72.5°	0.0	1.8	3.7	6.0	10.6	17.0	24.2	29.7	34.4	38.2	41.1
70°	0.0	2.1	4.2	7.0	13.4	20.7	29.1	36.9	42.2	46.5	53.2
67.5°	0.0	2.3	4.7	8.8	16.1	24.3	34.9	44.1	50.0	57.0	65.8
65°	0.0	2.6	5.2	10.7	18.7	28.2	40.4	51.4	58.3	67.0	77.6
62.5°	0.0	2.8	5.6	12.4	21.2	32.3	45.7	57.9	66.1	76.7	88.5
60°	0.0	3.0	6.1	14.1	23.6	36.3	50.7	63.9	73.5	86.5	99.3
57.5°	0.0	3.3	7.2	15.7	26.4	40.0	54.1	69.2	81.9	96.1	108.7
55°	0.0	3.5	8.2	17.3	29.0	43.4	57.0	73.1	90.3	105.2	117.4
52.5°	0.0	3.7	9.2	18.7	31.5	46.4	59.5	78.3	98.5	112.9	125.9
50°	0.0	3.9	10.1	20.1	33.8	47.9	61.6	83.2	106.2	120.5	135.3
47.5°	0.0	4.1	11.1	21.5	35.9	49.1	63.4	87.5	112.8	127.8	144.6
45°	0.0	4.3	11.9	22.9	37.8	50.0	66.5	91.1	116.1	135.7	153.4
42.5°	0.0	4.5	12.8	24.2	39.6	50.6	69.1	93.7	118.7	143.3	162.4
40°	0.0	4.7	13.6	25.6	40.5	50.9	71.2	95.5	121.0	150.1	171.2
37.5°	0.0	4.8	14.3	27.1	40.6	50.9	72.9	96.7	123.4	153.4	179.5
35°	0.0	5.0	15.0	28.5	40.6	51.5	74.0	97.3	125.5	158.3	187.6
32.5°	0.0	5.1	15.7	29.8	40.3	52.4	74.6	97.5	127.2	164.2	194.9
30°	0.0	5.3	16.3	31.2	39.9	52.8	74.6	97.5	128.5	171.2	202.2
27.5°	0.0	5.4	16.8	32.4	40.4	53.0	74.1	98.2	131.0	179.0	209.2
25°	0.0	5.5	17.3	33.6	40.9	52.8	73.3	98.4	136.3	185.5	216.2
22.5°	0.0	5.6	17.8	34.8	41.3	52.9	72.2	98.3	141.8	190.9	224.7
20°	0.0	5.7	18.2	35.9	41.6	54.3	70.6	97.8	147.4	195.9	232.5
17.5°	0.0	5.8	18.5	36.9	41.9	55.5	70.7	96.8	152.9	200.6	239.4
15°	0.0	5.9	18.8	37.8	42.1	56.6	71.8	96.6	158.2	204.8	245.5
12.5°	0.0	6.0	19.0	38.6	42.2	57.5	72.7	97.0	161.9	208.6	250.7
10°	0.0	6.0	19.2	39.4	42.3	58.2	73.3	96.7	163.4	211.7	255.1
7.5°	0.0	6.0	19.3	40.0	42.4	58.8	73.8	96.0	163.5	214.8	258.9
5°	0.0	6.1	19.4	40.6	42.5	59.2	74.1	94.7	162.4	217.5	261.7
2.5°	0.0	6.1	19.4	41.0	42.5	59.4	74.2	93.1	160.1	219.7	263.7
0°	0.0	6.1	19.4	41.3	42.5	59.5	74.1	91.1	156.6	221.0	264.7
-2.5°	0.0	6.1	19.4	41.0	42.5	59.4	74.2	93.1	160.1	219.7	263.7
-5°	0.0	6.1	19.4	40.6	42.5	59.2	74.1	94.7	162.4	217.5	261.7
-7.5°	0.0	6.0	19.3	40.0	42.4	58.8	73.8	96.0	163.5	214.8	258.9
-10°	0.0	6.0	19.2	39.4	42.3	58.2	73.3	96.7	163.4	211.7	255.1
-12.5°	0.0	6.0	19.0	38.6	42.2	57.5	72.7	97.0	161.9	208.6	250.7
-15°	0.0	5.9	18.8	37.8	42.1	56.6	71.8	96.6	158.2	204.8	245.5
-17.5°	0.0	5.8	18.5	36.9	41.9	55.5	70.7	96.8	152.9	200.6	239.4
-20°	0.0	5.7	18.2	35.9	41.6	54.3	70.6	97.8	147.4	195.9	232.5



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 CATALOG NUMBER: GFLD-SA3C-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	5.6	17.8	34.8	41.3	52.9	72.2	98.3	141.8	190.9	224.7
-25°	0.0	5.5	17.3	33.6	40.9	52.8	73.3	98.4	136.3	185.5	216.2
-27.5°	0.0	5.4	16.8	32.4	40.4	53.0	74.1	98.2	131.0	179.0	209.2
-30°	0.0	5.3	16.3	31.2	39.9	52.8	74.6	97.5	128.5	171.2	202.2
-32.5°	0.0	5.1	15.7	29.8	40.3	52.4	74.6	97.5	127.2	164.2	194.9
-35°	0.0	5.0	15.0	28.5	40.6	51.5	74.0	97.3	125.5	158.3	187.6
-37.5°	0.0	4.8	14.3	27.1	40.6	50.9	72.9	96.7	123.4	153.4	179.5
-40°	0.0	4.7	13.6	25.6	40.5	50.9	71.2	95.5	121.0	150.1	171.2
-42.5°	0.0	4.5	12.8	24.2	39.6	50.6	69.1	93.7	118.7	143.3	162.4
-45°	0.0	4.3	11.9	22.9	37.8	50.0	66.5	91.1	116.1	135.7	153.4
-47.5°	0.0	4.1	11.1	21.5	35.9	49.1	63.4	87.5	112.8	127.8	144.6
-50°	0.0	3.9	10.1	20.1	33.8	47.9	61.6	83.2	106.2	120.5	135.3
-52.5°	0.0	3.7	9.2	18.7	31.5	46.4	59.5	78.3	98.5	112.9	125.9
-55°	0.0	3.5	8.2	17.3	29.0	43.4	57.0	73.1	90.3	105.2	117.4
-57.5°	0.0	3.3	7.2	15.7	26.4	40.0	54.1	69.2	81.9	96.1	108.7
-60°	0.0	3.0	6.1	14.1	23.6	36.3	50.7	63.9	73.5	86.5	99.3
-62.5°	0.0	2.8	5.6	12.4	21.2	32.3	45.7	57.9	66.1	76.7	88.5
-65°	0.0	2.6	5.2	10.7	18.7	28.2	40.4	51.4	58.3	67.0	77.6
-67.5°	0.0	2.3	4.7	8.8	16.1	24.3	34.9	44.1	50.0	57.0	65.8
-70°	0.0	2.1	4.2	7.0	13.4	20.7	29.1	36.9	42.2	46.5	53.2
-72.5°	0.0	1.8	3.7	6.0	10.6	17.0	24.2	29.7	34.4	38.2	41.1
-75°	0.0	1.6	3.2	5.1	7.7	13.2	19.3	23.5	26.7	30.0	32.6
-77.5°	0.0	1.3	2.6	4.3	6.2	9.2	14.2	17.8	20.4	22.4	24.2
-80°	0.0	1.1	2.1	3.5	5.0	6.8	9.1	12.0	14.4	16.2	17.5
-82.5°	0.0	0.8	1.6	2.6	3.8	5.1	6.6	7.4	8.3	10.0	11.2
-85°	0.0	0.5	1.1	1.7	2.5	3.4	4.4	4.9	5.4	5.8	6.2
-87.5°	0.0	0.3	0.5	0.9	1.3	1.7	2.2	2.5	2.7	2.9	3.1
-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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 CATALOG NUMBER: GFLD-SA3C-935-U-MWR-XX

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°	3.1	3.1	3.0	2.8	2.6	2.4	2.0	1.7	1.8	1.8	1.9
85°	6.2	6.1	6.6	7.0	7.2	7.1	6.9	6.5	7.4	8.5	9.7
82.5°	12.3	13.4	14.4	15.4	15.4	15.0	14.5	13.9	16.0	18.7	21.5
80°	19.0	20.6	23.0	25.4	26.1	25.8	25.0	23.7	26.7	31.0	35.8
77.5°	27.2	30.5	33.8	37.1	38.0	37.3	35.7	33.2	36.9	43.9	51.6
75°	36.1	40.3	45.5	49.7	50.6	49.1	46.6	44.5	49.0	57.7	66.0
72.5°	47.1	54.0	59.2	62.8	63.0	61.7	60.5	59.4	64.5	74.8	83.3
70°	61.2	68.1	72.1	74.3	74.8	75.7	79.1	82.4	87.4	96.2	103.2
67.5°	75.2	80.6	84.3	86.9	92.1	97.1	101.9	106.8	112.4	119.9	125.2
65°	87.6	93.2	98.0	104.3	111.9	117.9	124.3	131.2	139.0	146.0	151.1
62.5°	99.9	105.9	112.7	121.0	129.8	137.9	147.3	156.9	166.1	174.1	182.8
60°	110.0	118.0	127.1	137.1	147.8	160.1	171.3	182.4	192.5	202.5	214.7
57.5°	119.7	130.5	141.6	153.6	167.5	182.5	195.7	207.9	220.6	235.0	247.0
55°	129.7	143.4	156.1	170.6	187.2	205.2	219.7	233.4	249.1	266.5	279.9
52.5°	140.7	155.7	170.6	188.0	208.1	226.0	241.2	258.3	277.4	296.1	311.7
50°	151.2	167.8	185.1	207.3	227.2	244.3	263.1	283.8	303.6	322.9	341.4
47.5°	161.8	179.6	202.6	225.3	244.0	264.0	285.9	307.1	328.0	348.1	367.5
45°	172.3	193.3	219.0	240.4	261.2	284.2	306.9	329.1	351.1	372.5	393.6
42.5°	182.3	206.8	232.6	255.1	279.0	303.1	326.7	350.3	373.5	396.4	418.8
40°	193.3	219.1	246.3	270.8	295.7	320.8	345.8	370.6	395.1	419.3	443.2
37.5°	203.5	231.9	260.1	285.8	311.5	337.7	363.9	390.2	416.0	441.3	468.5
35°	212.6	244.8	273.3	300.2	327.1	353.7	381.5	409.1	436.3	463.7	498.4
32.5°	222.8	257.7	285.7	314.1	342.0	369.4	398.2	427.4	456.4	488.4	538.3
30°	234.2	268.6	297.5	327.4	355.9	384.7	414.5	445.0	475.4	525.3	640.4
27.5°	245.4	278.5	309.0	339.5	368.9	398.9	430.0	461.6	504.1	580.6	767.5
25°	255.7	288.1	319.7	350.7	381.0	412.0	444.2	477.1	534.7	689.4	1102.3
22.5°	264.5	297.3	330.2	360.9	391.9	424.0	457.4	501.1	590.1	799.2	1474.7
20°	271.9	306.2	339.7	371.6	402.1	434.6	469.4	523.9	674.3	1112.7	1921.0
17.5°	278.8	314.2	348.5	381.8	413.9	445.7	481.4	543.6	750.0	1385.2	2369.8
15°	285.2	321.3	356.7	391.4	424.6	457.7	500.4	599.6	903.3	1655.7	2769.6
12.5°	290.9	327.6	364.1	400.2	434.2	468.4	517.5	655.3	1091.0	1973.1	3042.4
10°	295.9	333.0	370.7	408.3	442.7	477.9	531.9	701.1	1245.4	2234.1	3261.7
7.5°	300.6	338.2	376.9	415.4	450.0	485.9	543.6	736.7	1364.6	2430.6	3436.6
5°	304.5	343.3	384.2	423.3	459.2	494.7	553.8	762.4	1448.3	2563.1	3564.1
2.5°	307.5	347.6	390.5	430.2	469.3	505.4	565.3	781.3	1502.4	2647.4	3645.6
0°	309.6	350.9	395.8	435.9	478.3	514.8	574.3	790.4	1522.5	2678.3	3676.2
-2.5°	307.5	347.6	390.5	430.2	469.3	505.4	565.3	781.3	1502.4	2647.4	3645.6
-5°	304.5	343.3	384.2	423.3	459.2	494.7	553.8	762.4	1448.3	2563.1	3564.1
-7.5°	300.6	338.2	376.9	415.4	450.0	485.9	543.6	736.7	1364.6	2430.6	3436.6
-10°	295.9	333.0	370.7	408.3	442.7	477.9	531.9	701.1	1245.4	2234.1	3261.7
-12.5°	290.9	327.6	364.1	400.2	434.2	468.4	517.5	655.3	1091.0	1973.1	3042.4
-15°	285.2	321.3	356.7	391.4	424.6	457.7	500.4	599.6	903.3	1655.7	2769.6
-17.5°	278.8	314.2	348.5	381.8	413.9	445.7	481.4	543.6	750.0	1385.2	2369.8
-20°	271.9	306.2	339.7	371.6	402.1	434.6	469.4	523.9	674.3	1112.7	1921.0



REPORT NUMBER: P558797 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-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°	264.5	297.3	330.2	360.9	391.9	424.0	457.4	501.1	590.1	799.2	1474.7
-25°	255.7	288.1	319.7	350.7	381.0	412.0	444.2	477.1	534.7	689.4	1102.3
-27.5°	245.4	278.5	309.0	339.5	368.9	398.9	430.0	461.6	504.1	580.6	767.5
-30°	234.2	268.6	297.5	327.4	355.9	384.7	414.5	445.0	475.4	525.3	640.4
-32.5°	222.8	257.7	285.7	314.1	342.0	369.4	398.2	427.4	456.4	488.4	538.3
-35°	212.6	244.8	273.3	300.2	327.1	353.7	381.5	409.1	436.3	463.7	498.4
-37.5°	203.5	231.9	260.1	285.8	311.5	337.7	363.9	390.2	416.0	441.3	468.5
-40°	193.3	219.1	246.3	270.8	295.7	320.8	345.8	370.6	395.1	419.3	443.2
-42.5°	182.3	206.8	232.6	255.1	279.0	303.1	326.7	350.3	373.5	396.4	418.8
-45°	172.3	193.3	219.0	240.4	261.2	284.2	306.9	329.1	351.1	372.5	393.6
-47.5°	161.8	179.6	202.6	225.3	244.0	264.0	285.9	307.1	328.0	348.1	367.5
-50°	151.2	167.8	185.1	207.3	227.2	244.3	263.1	283.8	303.6	322.9	341.4
-52.5°	140.7	155.7	170.6	188.0	208.1	226.0	241.2	258.3	277.4	296.1	311.7
-55°	129.7	143.4	156.1	170.6	187.2	205.2	219.7	233.4	249.1	266.5	279.9
-57.5°	119.7	130.5	141.6	153.6	167.5	182.5	195.7	207.9	220.6	235.0	247.0
-60°	110.0	118.0	127.1	137.1	147.8	160.1	171.3	182.4	192.5	202.5	214.7
-62.5°	99.9	105.9	112.7	121.0	129.8	137.9	147.3	156.9	166.1	174.1	182.8
-65°	87.6	93.2	98.0	104.3	111.9	117.9	124.3	131.2	139.0	146.0	151.1
-67.5°	75.2	80.6	84.3	86.9	92.1	97.1	101.9	106.8	112.4	119.9	125.2
-70°	61.2	68.1	72.1	74.3	74.8	75.7	79.1	82.4	87.4	96.2	103.2
-72.5°	47.1	54.0	59.2	62.8	63.0	61.7	60.5	59.4	64.5	74.8	83.3
-75°	36.1	40.3	45.5	49.7	50.6	49.1	46.6	44.5	49.0	57.7	66.0
-77.5°	27.2	30.5	33.8	37.1	38.0	37.3	35.7	33.2	36.9	43.9	51.6
-80°	19.0	20.6	23.0	25.4	26.1	25.8	25.0	23.7	26.7	31.0	35.8
-82.5°	12.3	13.4	14.4	15.4	15.4	15.0	14.5	13.9	16.0	18.7	21.5
-85°	6.2	6.1	6.6	7.0	7.2	7.1	6.9	6.5	7.4	8.5	9.7
-87.5°	3.1	3.1	3.0	2.8	2.6	2.4	2.0	1.7	1.8	1.8	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: P558797 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-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°	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.1	1.8
85°	10.9	10.6	10.0	9.3	8.4	8.8	9.3	9.8	10.3	9.6	8.9
82.5°	24.5	24.8	24.8	24.8	24.7	25.7	26.7	27.6	28.4	26.2	23.7
80°	41.3	43.2	44.4	45.4	46.3	46.3	45.7	44.6	43.1	39.4	35.4
77.5°	59.6	62.7	64.2	65.8	67.4	68.0	68.3	68.8	69.2	62.8	54.6
75°	74.0	78.5	81.2	83.7	86.0	87.3	88.0	88.5	88.7	81.0	71.0
72.5°	90.2	94.7	97.9	101.0	103.8	105.7	106.8	107.6	108.2	101.4	91.9
70°	108.2	111.7	115.6	119.4	122.9	125.2	126.8	128.1	129.0	128.4	127.9
67.5°	129.4	132.5	137.1	140.7	144.4	147.0	149.7	151.9	153.5	155.3	157.4
65°	155.9	163.4	170.2	173.7	174.2	177.9	184.1	188.1	190.1	191.7	193.7
62.5°	192.9	202.0	206.9	212.7	220.1	227.1	229.8	233.4	237.7	242.8	248.7
60°	224.6	232.1	239.9	247.9	254.8	260.5	266.8	273.0	278.7	283.8	288.9
57.5°	257.0	265.2	273.1	282.5	289.1	293.0	299.0	306.5	312.2	316.7	323.5
55°	290.6	301.2	312.0	320.5	326.7	330.7	335.4	342.5	346.8	348.4	356.3
52.5°	324.3	336.9	350.2	360.1	366.7	372.8	378.5	384.8	389.1	391.2	398.9
50°	355.6	370.6	385.4	398.4	407.1	417.3	428.8	434.5	438.2	442.2	450.8
47.5°	385.4	402.1	418.0	432.6	445.2	456.7	466.6	476.1	490.2	501.4	512.4
45°	414.0	431.9	449.0	465.4	479.5	501.9	523.2	541.3	589.8	630.5	661.6
42.5°	440.9	462.5	481.8	509.2	539.0	590.6	670.3	744.2	887.2	1071.2	1224.8
40°	469.0	497.0	531.6	584.9	685.7	789.4	1099.2	1375.3	1646.8	1955.7	2220.3
37.5°	501.8	544.0	645.4	765.8	1089.0	1446.5	1885.6	2316.7	2692.0	3013.1	3281.2
35°	545.2	675.6	865.1	1303.8	1781.3	2367.5	2873.6	3279.0	3649.7	3947.2	4171.2
32.5°	673.1	911.7	1412.4	2015.8	2672.6	3238.9	3731.8	4120.0	4458.2	4724.9	4932.5
30°	860.4	1408.7	2088.8	2811.5	3465.7	4006.4	4461.8	4831.8	5133.7	5405.1	5632.8
27.5°	1305.5	2011.1	2810.5	3547.5	4142.5	4648.7	5057.3	5423.8	5756.7	6042.4	6311.7
25°	1792.5	2666.0	3472.3	4143.1	4698.4	5173.4	5604.3	6005.1	6377.7	6712.2	7025.5
22.5°	2377.4	3248.6	4019.2	4640.0	5178.1	5666.1	6123.7	6569.8	7003.6	7411.7	7790.7
20°	2907.0	3762.0	4433.9	5053.9	5613.1	6121.5	6625.9	7145.9	7646.4	8138.0	8594.4
17.5°	3319.7	4115.1	4789.7	5418.1	5987.2	6563.0	7140.3	7737.5	8341.3	8912.2	9458.1
15°	3664.3	4409.6	5093.2	5721.6	6347.4	6982.6	7627.6	8331.1	9049.3	9732.6	10428.5
12.5°	3908.6	4655.4	5348.5	5979.0	6680.5	7370.2	8120.9	8922.7	9752.2	10548.0	11403.0
10°	4105.0	4851.5	5538.7	6218.6	6961.0	7725.7	8567.7	9450.9	10440.6	11383.1	12304.2
7.5°	4273.5	5015.1	5691.6	6414.0	7194.5	8034.9	8950.6	9949.1	11020.3	12069.0	13165.4
5°	4396.8	5126.6	5810.4	6574.2	7373.9	8260.8	9246.0	10312.9	11461.7	12610.8	13695.0
2.5°	4462.1	5190.2	5884.2	6673.6	7479.1	8397.6	9423.7	10554.6	11768.0	13021.8	14090.8
0°	4460.5	5216.9	5912.6	6740.6	7556.4	8439.1	9500.2	10709.4	11893.1	13195.8	14293.4
-2.5°	4462.1	5190.2	5884.2	6673.6	7479.1	8397.6	9423.7	10554.6	11768.0	13021.8	14090.8
-5°	4396.8	5126.6	5810.4	6574.2	7373.9	8260.8	9246.0	10312.9	11461.7	12610.8	13695.0
-7.5°	4273.5	5015.1	5691.6	6414.0	7194.5	8034.9	8950.6	9949.1	11020.3	12069.0	13165.4
-10°	4105.0	4851.5	5538.7	6218.6	6961.0	7725.7	8567.7	9450.9	10440.6	11383.1	12304.2
-12.5°	3908.6	4655.4	5348.5	5979.0	6680.5	7370.2	8120.9	8922.7	9752.2	10548.0	11403.0
-15°	3664.3	4409.6	5093.2	5721.6	6347.4	6982.6	7627.6	8331.1	9049.3	9732.6	10428.5
-17.5°	3319.7	4115.1	4789.7	5418.1	5987.2	6563.0	7140.3	7737.5	8341.3	8912.2	9458.1
-20°	2907.0	3762.0	4433.9	5053.9	5613.1	6121.5	6625.9	7145.9	7646.4	8138.0	8594.4



REPORT NUMBER: P558797 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-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°	2377.4	3248.6	4019.2	4640.0	5178.1	5666.1	6123.7	6569.8	7003.6	7411.7	7790.7
-25°	1792.5	2666.0	3472.3	4143.1	4698.4	5173.4	5604.3	6005.1	6377.7	6712.2	7025.5
-27.5°	1305.5	2011.1	2810.5	3547.5	4142.5	4648.7	5057.3	5423.8	5756.7	6042.4	6311.7
-30°	860.4	1408.7	2088.8	2811.5	3465.7	4006.4	4461.8	4831.8	5133.7	5405.1	5632.8
-32.5°	673.1	911.7	1412.4	2015.8	2672.6	3238.9	3731.8	4120.0	4458.2	4724.9	4932.5
-35°	545.2	675.6	865.1	1303.8	1781.3	2367.5	2873.6	3279.0	3649.7	3947.2	4171.2
-37.5°	501.8	544.0	645.4	765.8	1089.0	1446.5	1885.6	2316.7	2692.0	3013.1	3281.2
-40°	469.0	497.0	531.6	584.9	685.7	789.4	1099.2	1375.3	1646.8	1955.7	2220.3
-42.5°	440.9	462.5	481.8	509.2	539.0	590.6	670.3	744.2	887.2	1071.2	1224.8
-45°	414.0	431.9	449.0	465.4	479.5	501.9	523.2	541.3	589.8	630.5	661.6
-47.5°	385.4	402.1	418.0	432.6	445.2	456.7	466.6	476.1	490.2	501.4	512.4
-50°	355.6	370.6	385.4	398.4	407.1	417.3	428.8	434.5	438.2	442.2	450.8
-52.5°	324.3	336.9	350.2	360.1	366.7	372.8	378.5	384.8	389.1	391.2	398.9
-55°	290.6	301.2	312.0	320.5	326.7	330.7	335.4	342.5	346.8	348.4	356.3
-57.5°	257.0	265.2	273.1	282.5	289.1	293.0	299.0	306.5	312.2	316.7	323.5
-60°	224.6	232.1	239.9	247.9	254.8	260.5	266.8	273.0	278.7	283.8	288.9
-62.5°	192.9	202.0	206.9	212.7	220.1	227.1	229.8	233.4	237.7	242.8	248.7
-65°	155.9	163.4	170.2	173.7	174.2	177.9	184.1	188.1	190.1	191.7	193.7
-67.5°	129.4	132.5	137.1	140.7	144.4	147.0	149.7	151.9	153.5	155.3	157.4
-70°	108.2	111.7	115.6	119.4	122.9	125.2	126.8	128.1	129.0	128.4	127.9
-72.5°	90.2	94.7	97.9	101.0	103.8	105.7	106.8	107.6	108.2	101.4	91.9
-75°	74.0	78.5	81.2	83.7	86.0	87.3	88.0	88.5	88.7	81.0	71.0
-77.5°	59.6	62.7	64.2	65.8	67.4	68.0	68.3	68.8	69.2	62.8	54.6
-80°	41.3	43.2	44.4	45.4	46.3	46.3	45.7	44.6	43.1	39.4	35.4
-82.5°	24.5	24.8	24.8	24.8	24.7	25.7	26.7	27.6	28.4	26.2	23.7
-85°	10.9	10.6	10.0	9.3	8.4	8.8	9.3	9.8	10.3	9.6	8.9
-87.5°	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.1	1.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558797 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-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°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.8	2.1	2.3	2.3
85°	8.1	7.3	7.3	7.3	7.3	7.3	8.1	8.9	9.6	10.3	9.8
82.5°	21.0	18.1	18.2	18.2	18.2	18.1	21.0	23.7	26.2	28.4	27.6
80°	31.1	26.7	27.3	27.9	27.3	26.7	31.1	35.4	39.4	43.1	44.6
77.5°	45.9	36.7	36.4	36.4	36.4	36.7	45.9	54.6	62.8	69.2	68.8
75°	60.8	50.2	49.7	49.8	49.7	50.2	60.8	71.0	81.0	88.7	88.5
72.5°	82.1	72.0	67.4	63.1	67.4	72.0	82.1	91.9	101.4	108.2	107.6
70°	128.0	128.2	123.8	117.8	123.8	128.2	128.0	127.9	128.4	129.0	128.1
67.5°	159.1	160.4	162.3	163.9	162.3	160.4	159.1	157.4	155.3	153.5	151.9
65°	194.6	194.5	195.2	195.5	195.2	194.5	194.6	193.7	191.7	190.1	188.1
62.5°	253.8	257.9	260.8	262.2	260.8	257.9	253.8	248.7	242.8	237.7	233.4
60°	293.1	296.5	301.2	305.9	301.2	296.5	293.1	288.9	283.8	278.7	273.0
57.5°	329.8	335.5	340.2	343.6	340.2	335.5	329.8	323.5	316.7	312.2	306.5
55°	363.7	370.3	376.7	382.4	376.7	370.3	363.7	356.3	348.4	346.8	342.5
52.5°	406.3	411.7	420.7	432.2	420.7	411.7	406.3	398.9	391.2	389.1	384.8
50°	460.7	468.9	480.3	494.1	480.3	468.9	460.7	450.8	442.2	438.2	434.5
47.5°	523.6	531.8	542.8	557.3	542.8	531.8	523.6	512.4	501.4	490.2	476.1
45°	690.0	709.4	727.1	746.7	727.1	709.4	690.0	661.6	630.5	589.8	541.3
42.5°	1348.0	1433.1	1469.9	1448.4	1469.9	1433.1	1348.0	1224.8	1071.2	887.2	744.2
40°	2422.0	2563.6	2646.9	2675.8	2646.9	2563.6	2422.0	2220.3	1955.7	1646.8	1375.3
37.5°	3477.0	3607.3	3677.6	3686.0	3677.6	3607.3	3477.0	3281.2	3013.1	2692.0	2316.7
35°	4332.9	4440.2	4503.8	4551.6	4503.8	4440.2	4332.9	4171.2	3947.2	3649.7	3279.0
32.5°	5101.5	5223.9	5294.6	5278.8	5294.6	5223.9	5101.5	4932.5	4724.9	4458.2	4120.0
30°	5819.6	5953.3	6036.4	6038.8	6036.4	5953.3	5819.6	5632.8	5405.1	5133.7	4831.8
27.5°	6529.5	6679.6	6766.2	6834.1	6766.2	6679.6	6529.5	6311.7	6042.4	5756.7	5423.8
25°	7286.8	7473.9	7585.1	7652.4	7585.1	7473.9	7286.8	7025.5	6712.2	6377.7	6005.1
22.5°	8103.3	8335.2	8487.4	8550.8	8487.4	8335.2	8103.3	7790.7	7411.7	7003.6	6569.8
20°	8991.4	9278.8	9473.3	9467.4	9473.3	9278.8	8991.4	8594.4	8138.0	7646.4	7145.9
17.5°	9982.5	10353.1	10603.9	10640.2	10603.9	10353.1	9982.5	9458.1	8912.2	8341.3	7737.5
15°	11045.0	11522.8	11847.2	11947.8	11847.2	11522.8	11045.0	10428.5	9732.6	9049.3	8331.1
12.5°	12133.8	12702.1	13134.6	13278.4	13134.6	12702.1	12133.8	11403.0	10548.0	9752.2	8922.7
10°	13171.2	13800.7	14270.2	14477.9	14270.2	13800.7	13171.2	12304.2	11383.1	10440.6	9450.9
7.5°	14038.4	14678.0	15161.6	15332.6	15161.6	14678.0	14038.4	13165.4	12069.0	11020.3	9949.1
5°	14609.8	15308.5	15684.5	15896.0	15684.5	15308.5	14609.8	13695.0	12610.8	11461.7	10312.9
2.5°	14991.4	15584.0	15964.8	16159.4	15964.8	15584.0	14991.4	14090.8	13021.8	11768.0	10554.6
0°	15194.2	15797.6	16076.9	16171.6	16076.9	15797.6	15194.2	14293.4	13195.8	11893.1	10709.4
-2.5°	14991.4	15584.0	15964.8	16159.4	15964.8	15584.0	14991.4	14090.8	13021.8	11768.0	10554.6
-5°	14609.8	15308.5	15684.5	15896.0	15684.5	15308.5	14609.8	13695.0	12610.8	11461.7	10312.9
-7.5°	14038.4	14678.0	15161.6	15332.6	15161.6	14678.0	14038.4	13165.4	12069.0	11020.3	9949.1
-10°	13171.2	13800.7	14270.2	14477.9	14270.2	13800.7	13171.2	12304.2	11383.1	10440.6	9450.9
-12.5°	12133.8	12702.1	13134.6	13278.4	13134.6	12702.1	12133.8	11403.0	10548.0	9752.2	8922.7
-15°	11045.0	11522.8	11847.2	11947.8	11847.2	11522.8	11045.0	10428.5	9732.6	9049.3	8331.1
-17.5°	9982.5	10353.1	10603.9	10640.2	10603.9	10353.1	9982.5	9458.1	8912.2	8341.3	7737.5
-20°	8991.4	9278.8	9473.3	9467.4	9473.3	9278.8	8991.4	8594.4	8138.0	7646.4	7145.9



REPORT NUMBER: P558797 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-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°	8103.3	8335.2	8487.4	8550.8	8487.4	8335.2	8103.3	7790.7	7411.7	7003.6	6569.8
-25°	7286.8	7473.9	7585.1	7652.4	7585.1	7473.9	7286.8	7025.5	6712.2	6377.7	6005.1
-27.5°	6529.5	6679.6	6766.2	6834.1	6766.2	6679.6	6529.5	6311.7	6042.4	5756.7	5423.8
-30°	5819.6	5953.3	6036.4	6038.8	6036.4	5953.3	5819.6	5632.8	5405.1	5133.7	4831.8
-32.5°	5101.5	5223.9	5294.6	5278.8	5294.6	5223.9	5101.5	4932.5	4724.9	4458.2	4120.0
-35°	4332.9	4440.2	4503.8	4551.6	4503.8	4440.2	4332.9	4171.2	3947.2	3649.7	3279.0
-37.5°	3477.0	3607.3	3677.6	3686.0	3677.6	3607.3	3477.0	3281.2	3013.1	2692.0	2316.7
-40°	2422.0	2563.6	2646.9	2675.8	2646.9	2563.6	2422.0	2220.3	1955.7	1646.8	1375.3
-42.5°	1348.0	1433.1	1469.9	1448.4	1469.9	1433.1	1348.0	1224.8	1071.2	887.2	744.2
-45°	690.0	709.4	727.1	746.7	727.1	709.4	690.0	661.6	630.5	589.8	541.3
-47.5°	523.6	531.8	542.8	557.3	542.8	531.8	523.6	512.4	501.4	490.2	476.1
-50°	460.7	468.9	480.3	494.1	480.3	468.9	460.7	450.8	442.2	438.2	434.5
-52.5°	406.3	411.7	420.7	432.2	420.7	411.7	406.3	398.9	391.2	389.1	384.8
-55°	363.7	370.3	376.7	382.4	376.7	370.3	363.7	356.3	348.4	346.8	342.5
-57.5°	329.8	335.5	340.2	343.6	340.2	335.5	329.8	323.5	316.7	312.2	306.5
-60°	293.1	296.5	301.2	305.9	301.2	296.5	293.1	288.9	283.8	278.7	273.0
-62.5°	253.8	257.9	260.8	262.2	260.8	257.9	253.8	248.7	242.8	237.7	233.4
-65°	194.6	194.5	195.2	195.5	195.2	194.5	194.6	193.7	191.7	190.1	188.1
-67.5°	159.1	160.4	162.3	163.9	162.3	160.4	159.1	157.4	155.3	153.5	151.9
-70°	128.0	128.2	123.8	117.8	123.8	128.2	128.0	127.9	128.4	129.0	128.1
-72.5°	82.1	72.0	67.4	63.1	67.4	72.0	82.1	91.9	101.4	108.2	107.6
-75°	60.8	50.2	49.7	49.8	49.7	50.2	60.8	71.0	81.0	88.7	88.5
-77.5°	45.9	36.7	36.4	36.4	36.4	36.7	45.9	54.6	62.8	69.2	68.8
-80°	31.1	26.7	27.3	27.9	27.3	26.7	31.1	35.4	39.4	43.1	44.6
-82.5°	21.0	18.1	18.2	18.2	18.2	18.1	21.0	23.7	26.2	28.4	27.6
-85°	8.1	7.3	7.3	7.3	7.3	7.3	8.1	8.9	9.6	10.3	9.8
-87.5°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.8	2.1	2.3	2.3
-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: P558797 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-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°	2.3	2.2	2.2	2.1	2.1	2.0	2.0	1.9	1.8	1.8	1.7
85°	9.3	8.8	8.4	9.3	10.0	10.6	10.9	9.7	8.5	7.4	6.5
82.5°	26.7	25.7	24.7	24.8	24.8	24.8	24.5	21.5	18.7	16.0	13.9
80°	45.7	46.3	46.3	45.4	44.4	43.2	41.3	35.8	31.0	26.7	23.7
77.5°	68.3	68.0	67.4	65.8	64.2	62.7	59.6	51.6	43.9	36.9	33.2
75°	88.0	87.3	86.0	83.7	81.2	78.5	74.0	66.0	57.7	49.0	44.5
72.5°	106.8	105.7	103.8	101.0	97.9	94.7	90.2	83.3	74.8	64.5	59.4
70°	126.8	125.2	122.9	119.4	115.6	111.7	108.2	103.2	96.2	87.4	82.4
67.5°	149.7	147.0	144.4	140.7	137.1	132.5	129.4	125.2	119.9	112.4	106.8
65°	184.1	177.9	174.2	173.7	170.2	163.4	155.9	151.1	146.0	139.0	131.2
62.5°	229.8	227.1	220.1	212.7	206.9	202.0	192.9	182.8	174.1	166.1	156.9
60°	266.8	260.5	254.8	247.9	239.9	232.1	224.6	214.7	202.5	192.5	182.4
57.5°	299.0	293.0	289.1	282.5	273.1	265.2	257.0	247.0	235.0	220.6	207.9
55°	335.4	330.7	326.7	320.5	312.0	301.2	290.6	279.9	266.5	249.1	233.4
52.5°	378.5	372.8	366.7	360.1	350.2	336.9	324.3	311.7	296.1	277.4	258.3
50°	428.8	417.3	407.1	398.4	385.4	370.6	355.6	341.4	322.9	303.6	283.8
47.5°	466.6	456.7	445.2	432.6	418.0	402.1	385.4	367.5	348.1	328.0	307.1
45°	523.2	501.9	479.5	465.4	449.0	431.9	414.0	393.6	372.5	351.1	329.1
42.5°	670.3	590.6	539.0	509.2	481.8	462.5	440.9	418.8	396.4	373.5	350.3
40°	1099.2	789.4	685.7	584.9	531.6	497.0	469.0	443.2	419.3	395.1	370.6
37.5°	1885.6	1446.5	1089.0	765.8	645.4	544.0	501.8	468.5	441.3	416.0	390.2
35°	2873.6	2367.5	1781.3	1303.8	865.1	675.6	545.2	498.4	463.7	436.3	409.1
32.5°	3731.8	3238.9	2672.6	2015.8	1412.4	911.7	673.1	538.3	488.4	456.4	427.4
30°	4461.8	4006.4	3465.7	2811.5	2088.8	1408.7	860.4	640.4	525.3	475.4	445.0
27.5°	5057.3	4648.7	4142.5	3547.5	2810.5	2011.1	1305.5	767.5	580.6	504.1	461.6
25°	5604.3	5173.4	4698.4	4143.1	3472.3	2666.0	1792.5	1102.3	689.4	534.7	477.1
22.5°	6123.7	5666.1	5178.1	4640.0	4019.2	3248.6	2377.4	1474.7	799.2	590.1	501.1
20°	6625.9	6121.5	5613.1	5053.9	4433.9	3762.0	2907.0	1921.0	1112.7	674.3	523.9
17.5°	7140.3	6563.0	5987.2	5418.1	4789.7	4115.1	3319.7	2369.8	1385.2	750.0	543.6
15°	7627.6	6982.6	6347.4	5721.6	5093.2	4409.6	3664.3	2769.6	1655.7	903.3	599.6
12.5°	8120.9	7370.2	6680.5	5979.0	5348.5	4655.4	3908.6	3042.4	1973.1	1091.0	655.3
10°	8567.7	7725.7	6961.0	6218.6	5538.7	4851.5	4105.0	3261.7	2234.1	1245.4	701.1
7.5°	8950.6	8034.9	7194.5	6414.0	5691.6	5015.1	4273.5	3436.6	2430.6	1364.6	736.7
5°	9246.0	8260.8	7373.9	6574.2	5810.4	5126.6	4396.8	3564.1	2563.1	1448.3	762.4
2.5°	9423.7	8397.6	7479.1	6673.6	5884.2	5190.2	4462.1	3645.6	2647.4	1502.4	781.3
0°	9500.2	8439.1	7556.4	6740.6	5912.6	5216.9	4460.5	3676.2	2678.3	1522.5	790.4
-2.5°	9423.7	8397.6	7479.1	6673.6	5884.2	5190.2	4462.1	3645.6	2647.4	1502.4	781.3
-5°	9246.0	8260.8	7373.9	6574.2	5810.4	5126.6	4396.8	3564.1	2563.1	1448.3	762.4
-7.5°	8950.6	8034.9	7194.5	6414.0	5691.6	5015.1	4273.5	3436.6	2430.6	1364.6	736.7
-10°	8567.7	7725.7	6961.0	6218.6	5538.7	4851.5	4105.0	3261.7	2234.1	1245.4	701.1
-12.5°	8120.9	7370.2	6680.5	5979.0	5348.5	4655.4	3908.6	3042.4	1973.1	1091.0	655.3
-15°	7627.6	6982.6	6347.4	5721.6	5093.2	4409.6	3664.3	2769.6	1655.7	903.3	599.6
-17.5°	7140.3	6563.0	5987.2	5418.1	4789.7	4115.1	3319.7	2369.8	1385.2	750.0	543.6
-20°	6625.9	6121.5	5613.1	5053.9	4433.9	3762.0	2907.0	1921.0	1112.7	674.3	523.9



REPORT NUMBER: P558797 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-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°	6123.7	5666.1	5178.1	4640.0	4019.2	3248.6	2377.4	1474.7	799.2	590.1	501.1
-25°	5604.3	5173.4	4698.4	4143.1	3472.3	2666.0	1792.5	1102.3	689.4	534.7	477.1
-27.5°	5057.3	4648.7	4142.5	3547.5	2810.5	2011.1	1305.5	767.5	580.6	504.1	461.6
-30°	4461.8	4006.4	3465.7	2811.5	2088.8	1408.7	860.4	640.4	525.3	475.4	445.0
-32.5°	3731.8	3238.9	2672.6	2015.8	1412.4	911.7	673.1	538.3	488.4	456.4	427.4
-35°	2873.6	2367.5	1781.3	1303.8	865.1	675.6	545.2	498.4	463.7	436.3	409.1
-37.5°	1885.6	1446.5	1089.0	765.8	645.4	544.0	501.8	468.5	441.3	416.0	390.2
-40°	1099.2	789.4	685.7	584.9	531.6	497.0	469.0	443.2	419.3	395.1	370.6
-42.5°	670.3	590.6	539.0	509.2	481.8	462.5	440.9	418.8	396.4	373.5	350.3
-45°	523.2	501.9	479.5	465.4	449.0	431.9	414.0	393.6	372.5	351.1	329.1
-47.5°	466.6	456.7	445.2	432.6	418.0	402.1	385.4	367.5	348.1	328.0	307.1
-50°	428.8	417.3	407.1	398.4	385.4	370.6	355.6	341.4	322.9	303.6	283.8
-52.5°	378.5	372.8	366.7	360.1	350.2	336.9	324.3	311.7	296.1	277.4	258.3
-55°	335.4	330.7	326.7	320.5	312.0	301.2	290.6	279.9	266.5	249.1	233.4
-57.5°	299.0	293.0	289.1	282.5	273.1	265.2	257.0	247.0	235.0	220.6	207.9
-60°	266.8	260.5	254.8	247.9	239.9	232.1	224.6	214.7	202.5	192.5	182.4
-62.5°	229.8	227.1	220.1	212.7	206.9	202.0	192.9	182.8	174.1	166.1	156.9
-65°	184.1	177.9	174.2	173.7	170.2	163.4	155.9	151.1	146.0	139.0	131.2
-67.5°	149.7	147.0	144.4	140.7	137.1	132.5	129.4	125.2	119.9	112.4	106.8
-70°	126.8	125.2	122.9	119.4	115.6	111.7	108.2	103.2	96.2	87.4	82.4
-72.5°	106.8	105.7	103.8	101.0	97.9	94.7	90.2	83.3	74.8	64.5	59.4
-75°	88.0	87.3	86.0	83.7	81.2	78.5	74.0	66.0	57.7	49.0	44.5
-77.5°	68.3	68.0	67.4	65.8	64.2	62.7	59.6	51.6	43.9	36.9	33.2
-80°	45.7	46.3	46.3	45.4	44.4	43.2	41.3	35.8	31.0	26.7	23.7
-82.5°	26.7	25.7	24.7	24.8	24.8	24.8	24.5	21.5	18.7	16.0	13.9
-85°	9.3	8.8	8.4	9.3	10.0	10.6	10.9	9.7	8.5	7.4	6.5
-87.5°	2.3	2.2	2.2	2.1	2.1	2.0	2.0	1.9	1.8	1.8	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: P558797 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-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°	2.0	2.4	2.6	2.8	3.0	3.1	3.1	3.1	2.9	2.7	2.5
85°	6.9	7.1	7.2	7.0	6.6	6.1	6.2	6.2	5.8	5.4	4.9
82.5°	14.5	15.0	15.4	15.4	14.4	13.4	12.3	11.2	10.0	8.3	7.4
80°	25.0	25.8	26.1	25.4	23.0	20.6	19.0	17.5	16.2	14.4	12.0
77.5°	35.7	37.3	38.0	37.1	33.8	30.5	27.2	24.2	22.4	20.4	17.8
75°	46.6	49.1	50.6	49.7	45.5	40.3	36.1	32.6	30.0	26.7	23.5
72.5°	60.5	61.7	63.0	62.8	59.2	54.0	47.1	41.1	38.2	34.4	29.7
70°	79.1	75.7	74.8	74.3	72.1	68.1	61.2	53.2	46.5	42.2	36.9
67.5°	101.9	97.1	92.1	86.9	84.3	80.6	75.2	65.8	57.0	50.0	44.1
65°	124.3	117.9	111.9	104.3	98.0	93.2	87.6	77.6	67.0	58.3	51.4
62.5°	147.3	137.9	129.8	121.0	112.7	105.9	99.9	88.5	76.7	66.1	57.9
60°	171.3	160.1	147.8	137.1	127.1	118.0	110.0	99.3	86.5	73.5	63.9
57.5°	195.7	182.5	167.5	153.6	141.6	130.5	119.7	108.7	96.1	81.9	69.2
55°	219.7	205.2	187.2	170.6	156.1	143.4	129.7	117.4	105.2	90.3	73.1
52.5°	241.2	226.0	208.1	188.0	170.6	155.7	140.7	125.9	112.9	98.5	78.3
50°	263.1	244.3	227.2	207.3	185.1	167.8	151.2	135.3	120.5	106.2	83.2
47.5°	285.9	264.0	244.0	225.3	202.6	179.6	161.8	144.6	127.8	112.8	87.5
45°	306.9	284.2	261.2	240.4	219.0	193.3	172.3	153.4	135.7	116.1	91.1
42.5°	326.7	303.1	279.0	255.1	232.6	206.8	182.3	162.4	143.3	118.7	93.7
40°	345.8	320.8	295.7	270.8	246.3	219.1	193.3	171.2	150.1	121.0	95.5
37.5°	363.9	337.7	311.5	285.8	260.1	231.9	203.5	179.5	153.4	123.4	96.7
35°	381.5	353.7	327.1	300.2	273.3	244.8	212.6	187.6	158.3	125.5	97.3
32.5°	398.2	369.4	342.0	314.1	285.7	257.7	222.8	194.9	164.2	127.2	97.5
30°	414.5	384.7	355.9	327.4	297.5	268.6	234.2	202.2	171.2	128.5	97.5
27.5°	430.0	398.9	368.9	339.5	309.0	278.5	245.4	209.2	179.0	131.0	98.2
25°	444.2	412.0	381.0	350.7	319.7	288.1	255.7	216.2	185.5	136.3	98.4
22.5°	457.4	424.0	391.9	360.9	330.2	297.3	264.5	224.7	190.9	141.8	98.3
20°	469.4	434.6	402.1	371.6	339.7	306.2	271.9	232.5	195.9	147.4	97.8
17.5°	481.4	445.7	413.9	381.8	348.5	314.2	278.8	239.4	200.6	152.9	96.8
15°	500.4	457.7	424.6	391.4	356.7	321.3	285.2	245.5	204.8	158.2	96.6
12.5°	517.5	468.4	434.2	400.2	364.1	327.6	290.9	250.7	208.6	161.9	97.0
10°	531.9	477.9	442.7	408.3	370.7	333.0	295.9	255.1	211.7	163.4	96.7
7.5°	543.6	485.9	450.0	415.4	376.9	338.2	300.6	258.9	214.8	163.5	96.0
5°	553.8	494.7	459.2	423.3	384.2	343.3	304.5	261.7	217.5	162.4	94.7
2.5°	565.3	505.4	469.3	430.2	390.5	347.6	307.5	263.7	219.7	160.1	93.1
0°	574.3	514.8	478.3	435.9	395.8	350.9	309.6	264.7	221.0	156.6	91.1
-2.5°	565.3	505.4	469.3	430.2	390.5	347.6	307.5	263.7	219.7	160.1	93.1
-5°	553.8	494.7	459.2	423.3	384.2	343.3	304.5	261.7	217.5	162.4	94.7
-7.5°	543.6	485.9	450.0	415.4	376.9	338.2	300.6	258.9	214.8	163.5	96.0
-10°	531.9	477.9	442.7	408.3	370.7	333.0	295.9	255.1	211.7	163.4	96.7
-12.5°	517.5	468.4	434.2	400.2	364.1	327.6	290.9	250.7	208.6	161.9	97.0
-15°	500.4	457.7	424.6	391.4	356.7	321.3	285.2	245.5	204.8	158.2	96.6
-17.5°	481.4	445.7	413.9	381.8	348.5	314.2	278.8	239.4	200.6	152.9	96.8
-20°	469.4	434.6	402.1	371.6	339.7	306.2	271.9	232.5	195.9	147.4	97.8



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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°	457.4	424.0	391.9	360.9	330.2	297.3	264.5	224.7	190.9	141.8	98.3
-25°	444.2	412.0	381.0	350.7	319.7	288.1	255.7	216.2	185.5	136.3	98.4
-27.5°	430.0	398.9	368.9	339.5	309.0	278.5	245.4	209.2	179.0	131.0	98.2
-30°	414.5	384.7	355.9	327.4	297.5	268.6	234.2	202.2	171.2	128.5	97.5
-32.5°	398.2	369.4	342.0	314.1	285.7	257.7	222.8	194.9	164.2	127.2	97.5
-35°	381.5	353.7	327.1	300.2	273.3	244.8	212.6	187.6	158.3	125.5	97.3
-37.5°	363.9	337.7	311.5	285.8	260.1	231.9	203.5	179.5	153.4	123.4	96.7
-40°	345.8	320.8	295.7	270.8	246.3	219.1	193.3	171.2	150.1	121.0	95.5
-42.5°	326.7	303.1	279.0	255.1	232.6	206.8	182.3	162.4	143.3	118.7	93.7
-45°	306.9	284.2	261.2	240.4	219.0	193.3	172.3	153.4	135.7	116.1	91.1
-47.5°	285.9	264.0	244.0	225.3	202.6	179.6	161.8	144.6	127.8	112.8	87.5
-50°	263.1	244.3	227.2	207.3	185.1	167.8	151.2	135.3	120.5	106.2	83.2
-52.5°	241.2	226.0	208.1	188.0	170.6	155.7	140.7	125.9	112.9	98.5	78.3
-55°	219.7	205.2	187.2	170.6	156.1	143.4	129.7	117.4	105.2	90.3	73.1
-57.5°	195.7	182.5	167.5	153.6	141.6	130.5	119.7	108.7	96.1	81.9	69.2
-60°	171.3	160.1	147.8	137.1	127.1	118.0	110.0	99.3	86.5	73.5	63.9
-62.5°	147.3	137.9	129.8	121.0	112.7	105.9	99.9	88.5	76.7	66.1	57.9
-65°	124.3	117.9	111.9	104.3	98.0	93.2	87.6	77.6	67.0	58.3	51.4
-67.5°	101.9	97.1	92.1	86.9	84.3	80.6	75.2	65.8	57.0	50.0	44.1
-70°	79.1	75.7	74.8	74.3	72.1	68.1	61.2	53.2	46.5	42.2	36.9
-72.5°	60.5	61.7	63.0	62.8	59.2	54.0	47.1	41.1	38.2	34.4	29.7
-75°	46.6	49.1	50.6	49.7	45.5	40.3	36.1	32.6	30.0	26.7	23.5
-77.5°	35.7	37.3	38.0	37.1	33.8	30.5	27.2	24.2	22.4	20.4	17.8
-80°	25.0	25.8	26.1	25.4	23.0	20.6	19.0	17.5	16.2	14.4	12.0
-82.5°	14.5	15.0	15.4	15.4	14.4	13.4	12.3	11.2	10.0	8.3	7.4
-85°	6.9	7.1	7.2	7.0	6.6	6.1	6.2	6.2	5.8	5.4	4.9
-87.5°	2.0	2.4	2.6	2.8	3.0	3.1	3.1	3.1	2.9	2.7	2.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	2.2	1.7	1.3	0.9	0.5	0.3	0.0
85°	4.4	3.4	2.5	1.7	1.1	0.5	0.0
82.5°	6.6	5.1	3.8	2.6	1.6	0.8	0.0
80°	9.1	6.8	5.0	3.5	2.1	1.1	0.0
77.5°	14.2	9.2	6.2	4.3	2.6	1.3	0.0
75°	19.3	13.2	7.7	5.1	3.2	1.6	0.0
72.5°	24.2	17.0	10.6	6.0	3.7	1.8	0.0
70°	29.1	20.7	13.4	7.0	4.2	2.1	0.0
67.5°	34.9	24.3	16.1	8.8	4.7	2.3	0.0
65°	40.4	28.2	18.7	10.7	5.2	2.6	0.0
62.5°	45.7	32.3	21.2	12.4	5.6	2.8	0.0
60°	50.7	36.3	23.6	14.1	6.1	3.0	0.0
57.5°	54.1	40.0	26.4	15.7	7.2	3.3	0.0
55°	57.0	43.4	29.0	17.3	8.2	3.5	0.0
52.5°	59.5	46.4	31.5	18.7	9.2	3.7	0.0
50°	61.6	47.9	33.8	20.1	10.1	3.9	0.0
47.5°	63.4	49.1	35.9	21.5	11.1	4.1	0.0
45°	66.5	50.0	37.8	22.9	11.9	4.3	0.0
42.5°	69.1	50.6	39.6	24.2	12.8	4.5	0.0
40°	71.2	50.9	40.5	25.6	13.6	4.7	0.0
37.5°	72.9	50.9	40.6	27.1	14.3	4.8	0.0
35°	74.0	51.5	40.6	28.5	15.0	5.0	0.0
32.5°	74.6	52.4	40.3	29.8	15.7	5.1	0.0
30°	74.6	52.8	39.9	31.2	16.3	5.3	0.0
27.5°	74.1	53.0	40.4	32.4	16.8	5.4	0.0
25°	73.3	52.8	40.9	33.6	17.3	5.5	0.0
22.5°	72.2	52.9	41.3	34.8	17.8	5.6	0.0
20°	70.6	54.3	41.6	35.9	18.2	5.7	0.0
17.5°	70.7	55.5	41.9	36.9	18.5	5.8	0.0
15°	71.8	56.6	42.1	37.8	18.8	5.9	0.0
12.5°	72.7	57.5	42.2	38.6	19.0	6.0	0.0
10°	73.3	58.2	42.3	39.4	19.2	6.0	0.0
7.5°	73.8	58.8	42.4	40.0	19.3	6.0	0.0
5°	74.1	59.2	42.5	40.6	19.4	6.1	0.0
2.5°	74.2	59.4	42.5	41.0	19.4	6.1	0.0
0°	74.1	59.5	42.5	41.3	19.4	6.1	0.0
-2.5°	74.2	59.4	42.5	41.0	19.4	6.1	0.0
-5°	74.1	59.2	42.5	40.6	19.4	6.1	0.0
-7.5°	73.8	58.8	42.4	40.0	19.3	6.0	0.0
-10°	73.3	58.2	42.3	39.4	19.2	6.0	0.0
-12.5°	72.7	57.5	42.2	38.6	19.0	6.0	0.0
-15°	71.8	56.6	42.1	37.8	18.8	5.9	0.0
-17.5°	70.7	55.5	41.9	36.9	18.5	5.8	0.0
-20°	70.6	54.3	41.6	35.9	18.2	5.7	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	72.2	52.9	41.3	34.8	17.8	5.6	0.0
-25°	73.3	52.8	40.9	33.6	17.3	5.5	0.0
-27.5°	74.1	53.0	40.4	32.4	16.8	5.4	0.0
-30°	74.6	52.8	39.9	31.2	16.3	5.3	0.0
-32.5°	74.6	52.4	40.3	29.8	15.7	5.1	0.0
-35°	74.0	51.5	40.6	28.5	15.0	5.0	0.0
-37.5°	72.9	50.9	40.6	27.1	14.3	4.8	0.0
-40°	71.2	50.9	40.5	25.6	13.6	4.7	0.0
-42.5°	69.1	50.6	39.6	24.2	12.8	4.5	0.0
-45°	66.5	50.0	37.8	22.9	11.9	4.3	0.0
-47.5°	63.4	49.1	35.9	21.5	11.1	4.1	0.0
-50°	61.6	47.9	33.8	20.1	10.1	3.9	0.0
-52.5°	59.5	46.4	31.5	18.7	9.2	3.7	0.0
-55°	57.0	43.4	29.0	17.3	8.2	3.5	0.0
-57.5°	54.1	40.0	26.4	15.7	7.2	3.3	0.0
-60°	50.7	36.3	23.6	14.1	6.1	3.0	0.0
-62.5°	45.7	32.3	21.2	12.4	5.6	2.8	0.0
-65°	40.4	28.2	18.7	10.7	5.2	2.6	0.0
-67.5°	34.9	24.3	16.1	8.8	4.7	2.3	0.0
-70°	29.1	20.7	13.4	7.0	4.2	2.1	0.0
-72.5°	24.2	17.0	10.6	6.0	3.7	1.8	0.0
-75°	19.3	13.2	7.7	5.1	3.2	1.6	0.0
-77.5°	14.2	9.2	6.2	4.3	2.6	1.3	0.0
-80°	9.1	6.8	5.0	3.5	2.1	1.1	0.0
-82.5°	6.6	5.1	3.8	2.6	1.6	0.8	0.0
-85°	4.4	3.4	2.5	1.7	1.1	0.5	0.0
-87.5°	2.2	1.7	1.3	0.9	0.5	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)