

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: P558795 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-930-U-WR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558795 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-6)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA3C-930-U-WR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6
Light Source: (48) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

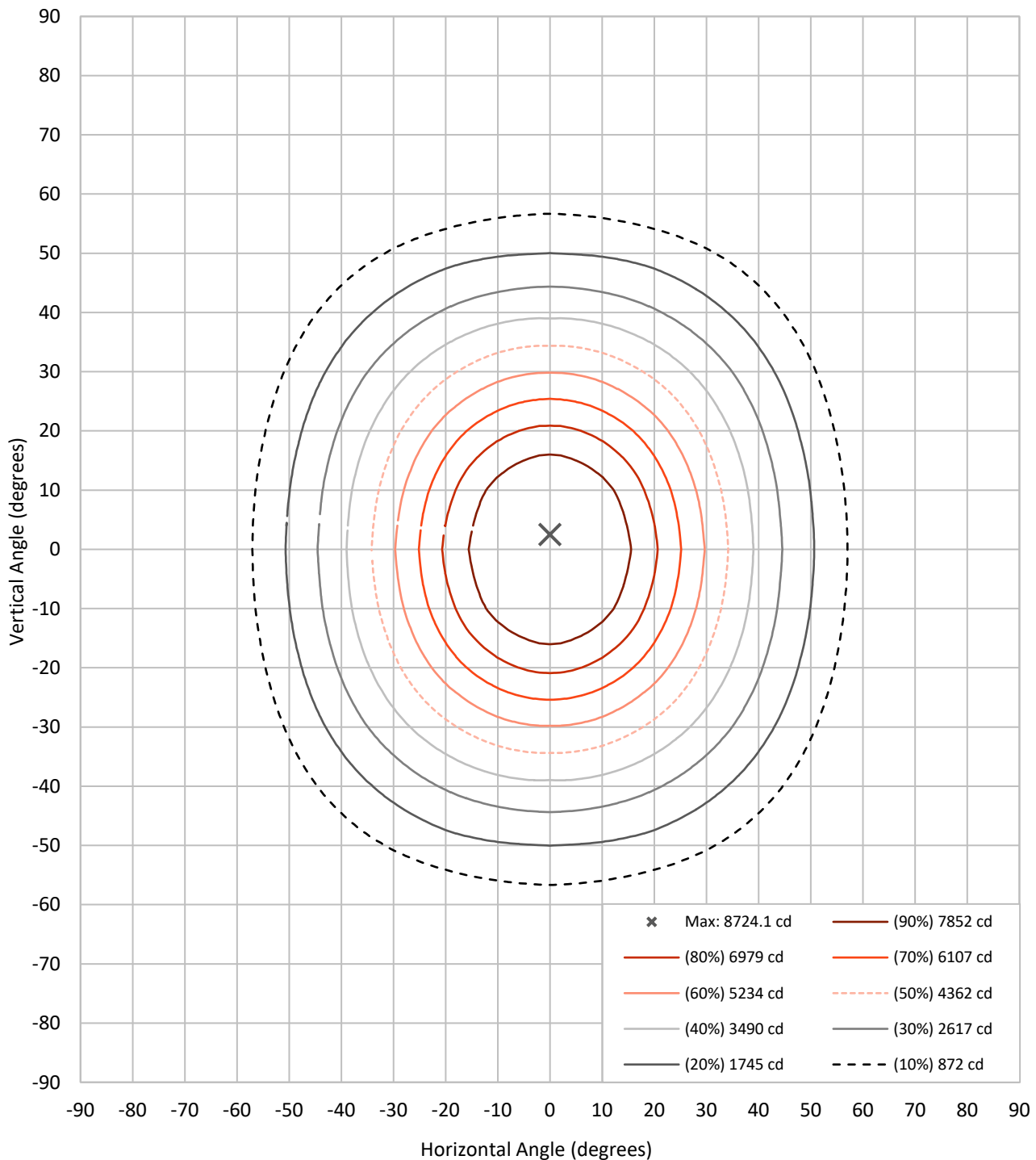
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	11807.3 lumens	Max Intensity:	8724.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	99.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	7079.3 lumens	Field Lumens:	11279.1 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

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: P558795 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





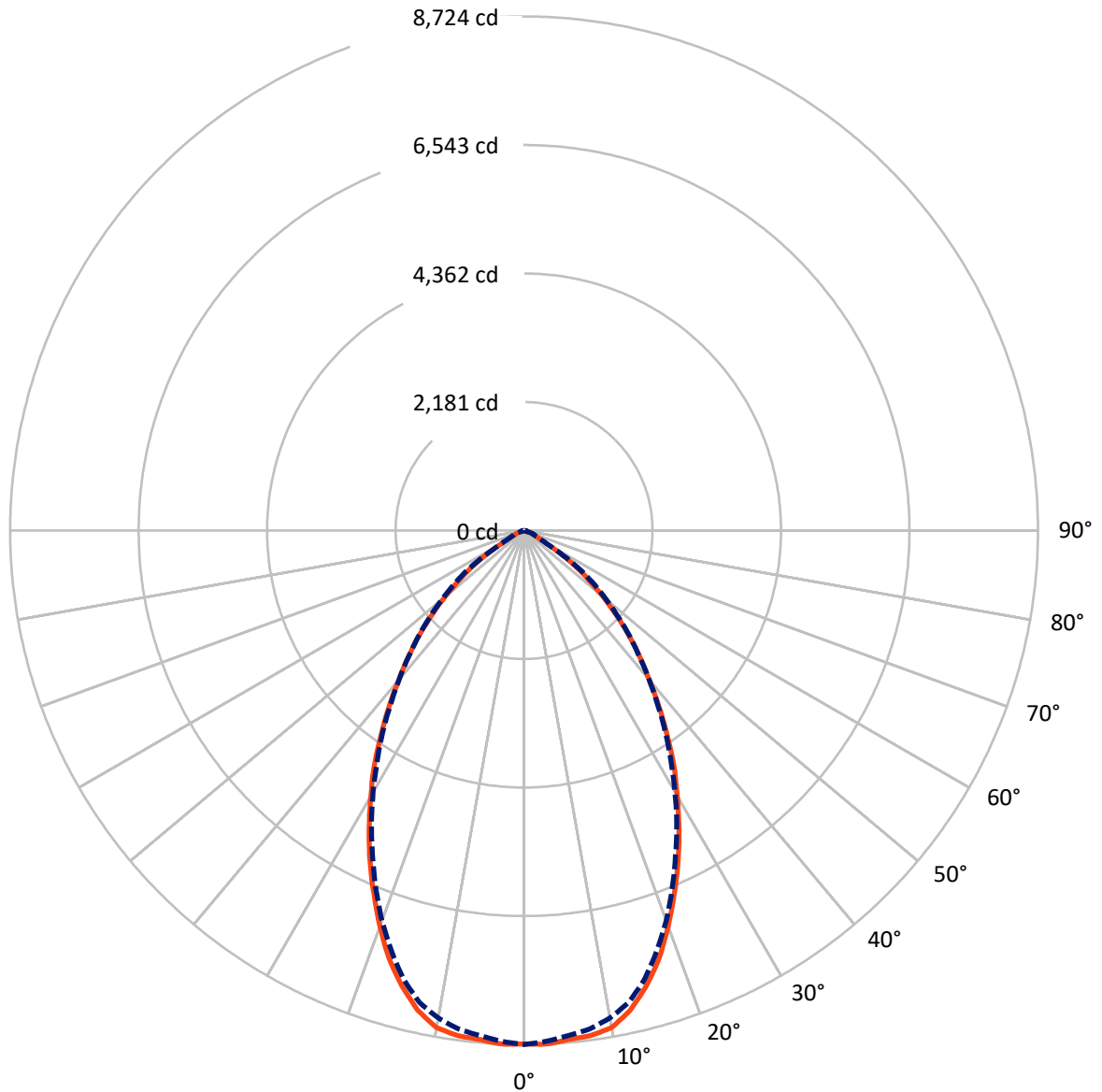
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Lumen Table

90															90				
80	0.1	1.1		2.8		4.9		3.5		4.9		2.8		1.1		0.1			
70															70				
60	0.5	0.8	1.6	2.5	3.6	4.8	5.9	6.6	6.6	5.9	4.8	3.6	2.5	1.6	0.8	0.5			
50		1.3	2.6	4.8	9.2	17.7	26.6	31.9	31.9	26.6	17.7	9.2	4.8	2.6	1.3				
40	0.9	1.7	3.9	11.3	29.8	49.5	65.8	75.1	75.1	65.8	49.5	29.8	11.3	3.9	1.7	0.9			
30		2.1	6.6	26.1	53.4	83.4	110.5	126.8	126.8	110.5	83.4	53.4	26.1	6.6	2.1				
20	1.0	2.5	12.1	39.4	75.8	118.6	158.6	183.7	183.7	158.6	118.6	75.8	39.4	12.1	2.5	1.0			
10		3.0	17.3	49.1	93.4	148.2	201.9	235.9	235.9	201.9	148.2	93.4	49.1	17.3	3.0				
0	1.1	3.3	20.1	54.2	103.4	165.6	226.8	259.3	259.3	226.8	165.6	103.4	54.2	20.1	3.3	1.1			
-10		3.3	20.1	54.2	103.4	165.6	226.8	259.3	259.3	226.8	165.6	103.4	54.2	20.1	3.3				
-20	1.0	3.0	17.3	49.1	93.4	148.2	201.9	235.9	235.9	201.9	148.2	93.4	49.1	17.3	3.0	1.0			
-30		2.5	12.1	39.4	75.8	118.6	158.6	183.7	183.7	158.6	118.6	75.8	39.4	12.1	2.5				
-40	0.9	2.1	6.6	26.1	53.4	83.4	110.5	126.8	126.8	110.5	83.4	53.4	26.1	6.6	2.1	0.9			
-50		1.7	3.9	11.3	29.8	49.5	65.8	75.1	75.1	65.8	49.5	29.8	11.3	3.9	1.7				
-60	0.5	1.3	2.6	4.8	9.2	17.7	26.6	31.9	31.9	26.6	17.7	9.2	4.8	2.6	1.3	0.5			
-70		0.8	1.6	2.5	3.6	4.8	5.9	6.6	6.6	5.9	4.8	3.6	2.5	1.6	0.8				
-80															-80				
-90	0.1	1.1		2.8		4.9		3.5		4.9		2.8		1.1		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
	Horizontal Angle (degrees)																		

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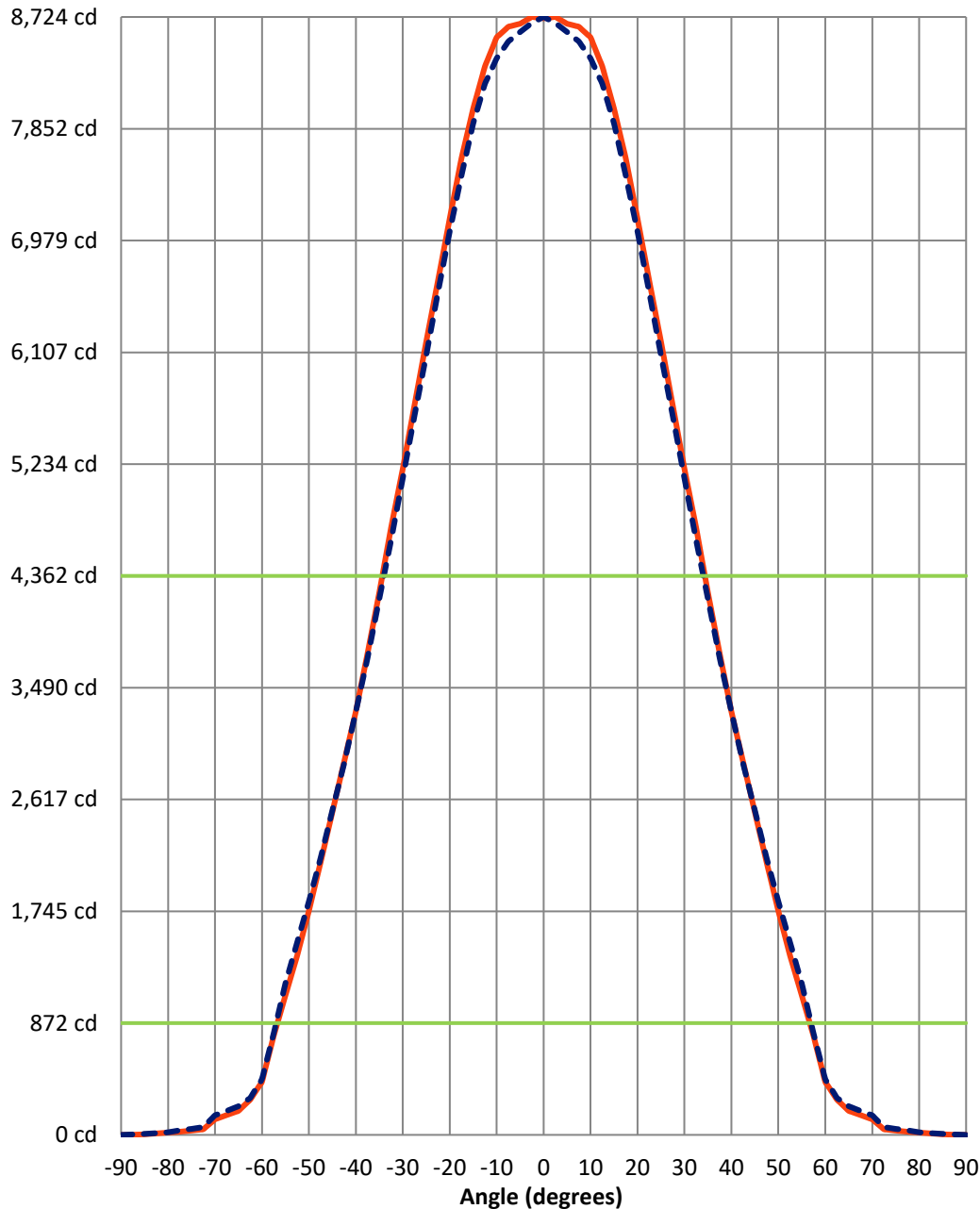
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 2.5-Deg

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Luminous Intensity Plot



Beam:
H Angle: 68°
V Angle: 68.7°
Lumens: 7079.3
Efficiency: 60.0%

Field:
H Angle: 114°
V Angle: 113.4°
Lumens: 11279.1
Efficiency: 95.5%

Spill:
Lumens: 528.2
Efficiency: 4.5%

- Vertical Distribution through 0-Deg
- - Horizontal Distribution through 2.5-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	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.2	1.3	1.4
85°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.0	2.3	2.6	2.9
82.5°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.1	3.6	5.0	6.4
80°	0.0	0.6	1.2	1.8	2.3	2.9	3.7	5.4	7.2	9.1	11.0
77.5°	0.0	0.7	1.5	2.2	2.9	4.0	6.2	8.5	10.8	13.2	16.4
75°	0.0	0.9	1.8	2.6	3.6	5.8	8.7	11.5	14.6	19.4	24.2
72.5°	0.0	1.0	2.0	3.1	4.8	7.5	11.0	15.1	20.8	26.4	32.0
70°	0.0	1.2	2.3	3.5	5.9	9.2	13.6	20.5	27.0	33.4	42.6
67.5°	0.0	1.3	2.6	4.2	7.0	10.8	17.7	25.9	33.1	42.7	53.6
65°	0.0	1.4	2.9	4.9	8.0	12.9	21.5	31.1	40.6	51.7	64.0
62.5°	0.0	1.6	3.1	5.5	9.0	15.4	25.1	36.8	47.8	60.5	73.9
60°	0.0	1.7	3.4	6.1	9.9	17.7	28.4	42.4	54.6	70.0	83.9
57.5°	0.0	1.8	3.7	6.6	11.3	19.8	31.7	47.5	63.0	79.4	92.3
55°	0.0	1.9	4.1	7.1	12.5	21.7	34.7	51.4	71.7	88.4	99.8
52.5°	0.0	2.1	4.4	7.5	13.6	23.3	37.2	57.3	80.4	95.3	107.3
50°	0.0	2.2	4.7	8.0	14.6	24.9	39.3	62.8	88.3	102.2	115.3
47.5°	0.0	2.3	5.0	8.4	15.4	26.1	41.3	67.5	94.5	109.1	122.8
45°	0.0	2.4	5.3	8.8	16.0	27.0	44.6	71.6	97.1	115.3	129.8
42.5°	0.0	2.5	5.5	9.1	16.4	27.7	47.4	73.8	98.9	121.1	137.6
40°	0.0	2.6	5.8	9.6	16.7	28.0	49.6	74.6	99.9	126.0	145.2
37.5°	0.0	2.7	6.0	10.0	16.9	28.0	51.3	74.9	101.0	128.1	152.6
35°	0.0	2.8	6.3	10.4	16.8	28.6	52.4	74.5	102.0	132.8	160.0
32.5°	0.0	2.9	6.5	10.9	16.6	29.4	52.6	73.5	103.1	138.7	167.3
30°	0.0	2.9	6.7	11.2	16.2	29.8	51.7	72.4	104.0	145.8	174.3
27.5°	0.0	3.0	6.9	11.6	16.6	29.8	50.2	72.6	106.6	154.0	180.8
25°	0.0	3.1	7.1	11.9	17.1	29.4	48.4	72.6	112.1	160.5	187.0
22.5°	0.0	3.1	7.2	12.2	17.6	29.4	46.2	72.5	117.9	165.4	194.9
20°	0.0	3.2	7.4	12.5	18.0	30.8	43.7	72.1	124.0	169.9	201.9
17.5°	0.0	3.2	7.5	12.7	18.4	32.0	43.2	71.4	130.0	173.9	208.0
15°	0.0	3.3	7.6	12.9	18.8	33.1	44.1	71.0	135.9	177.4	213.2
12.5°	0.0	3.3	7.7	13.1	19.1	33.9	44.8	70.5	141.1	180.5	217.6
10°	0.0	3.3	7.8	13.2	19.4	34.7	45.5	69.1	145.4	182.8	220.9
7.5°	0.0	3.4	7.8	13.4	19.7	35.2	46.1	66.9	148.9	184.7	222.8
5°	0.0	3.4	7.9	13.4	19.9	35.6	46.6	64.1	151.3	186.1	223.8
2.5°	0.0	3.4	7.9	13.5	20.1	35.8	46.9	60.8	152.6	187.0	223.9
0°	0.0	3.4	7.9	13.5	20.2	35.9	47.1	57.2	152.5	187.3	223.2
-2.5°	0.0	3.4	7.9	13.5	20.1	35.8	46.9	60.8	152.6	187.0	223.9
-5°	0.0	3.4	7.9	13.4	19.9	35.6	46.6	64.1	151.3	186.1	223.8
-7.5°	0.0	3.4	7.8	13.4	19.7	35.2	46.1	66.9	148.9	184.7	222.8
-10°	0.0	3.3	7.8	13.2	19.4	34.7	45.5	69.1	145.4	182.8	220.9
-12.5°	0.0	3.3	7.7	13.1	19.1	33.9	44.8	70.5	141.1	180.5	217.6
-15°	0.0	3.3	7.6	12.9	18.8	33.1	44.1	71.0	135.9	177.4	213.2
-17.5°	0.0	3.2	7.5	12.7	18.4	32.0	43.2	71.4	130.0	173.9	208.0
-20°	0.0	3.2	7.4	12.5	18.0	30.8	43.7	72.1	124.0	169.9	201.9



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 CATALOG NUMBER: GFLD-SA3C-930-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	3.1	7.2	12.2	17.6	29.4	46.2	72.5	117.9	165.4	194.9
-25°	0.0	3.1	7.1	11.9	17.1	29.4	48.4	72.6	112.1	160.5	187.0
-27.5°	0.0	3.0	6.9	11.6	16.6	29.8	50.2	72.6	106.6	154.0	180.8
-30°	0.0	2.9	6.7	11.2	16.2	29.8	51.7	72.4	104.0	145.8	174.3
-32.5°	0.0	2.9	6.5	10.9	16.6	29.4	52.6	73.5	103.1	138.7	167.3
-35°	0.0	2.8	6.3	10.4	16.8	28.6	52.4	74.5	102.0	132.8	160.0
-37.5°	0.0	2.7	6.0	10.0	16.9	28.0	51.3	74.9	101.0	128.1	152.6
-40°	0.0	2.6	5.8	9.6	16.7	28.0	49.6	74.6	99.9	126.0	145.2
-42.5°	0.0	2.5	5.5	9.1	16.4	27.7	47.4	73.8	98.9	121.1	137.6
-45°	0.0	2.4	5.3	8.8	16.0	27.0	44.6	71.6	97.1	115.3	129.8
-47.5°	0.0	2.3	5.0	8.4	15.4	26.1	41.3	67.5	94.5	109.1	122.8
-50°	0.0	2.2	4.7	8.0	14.6	24.9	39.3	62.8	88.3	102.2	115.3
-52.5°	0.0	2.1	4.4	7.5	13.6	23.3	37.2	57.3	80.4	95.3	107.3
-55°	0.0	1.9	4.1	7.1	12.5	21.7	34.7	51.4	71.7	88.4	99.8
-57.5°	0.0	1.8	3.7	6.6	11.3	19.8	31.7	47.5	63.0	79.4	92.3
-60°	0.0	1.7	3.4	6.1	9.9	17.7	28.4	42.4	54.6	70.0	83.9
-62.5°	0.0	1.6	3.1	5.5	9.0	15.4	25.1	36.8	47.8	60.5	73.9
-65°	0.0	1.4	2.9	4.9	8.0	12.9	21.5	31.1	40.6	51.7	64.0
-67.5°	0.0	1.3	2.6	4.2	7.0	10.8	17.7	25.9	33.1	42.7	53.6
-70°	0.0	1.2	2.3	3.5	5.9	9.2	13.6	20.5	27.0	33.4	42.6
-72.5°	0.0	1.0	2.0	3.1	4.8	7.5	11.0	15.1	20.8	26.4	32.0
-75°	0.0	0.9	1.8	2.6	3.6	5.8	8.7	11.5	14.6	19.4	24.2
-77.5°	0.0	0.7	1.5	2.2	2.9	4.0	6.2	8.5	10.8	13.2	16.4
-80°	0.0	0.6	1.2	1.8	2.3	2.9	3.7	5.4	7.2	9.1	11.0
-82.5°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.1	3.6	5.0	6.4
-85°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.0	2.3	2.6	2.9
-87.5°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.2	1.3	1.4
-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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 CATALOG NUMBER: GFLD-SA3C-930-U-WR-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°	1.4	1.4	1.3	1.3	1.3	1.4	1.5	1.6	1.4	1.3	1.1
85°	2.9	2.8	3.2	3.4	3.7	4.0	4.1	4.1	4.6	5.2	6.0
82.5°	7.1	7.6	7.9	8.0	8.1	8.0	7.9	7.9	9.7	12.1	14.7
80°	12.0	12.4	14.3	16.4	17.4	17.4	16.5	14.7	17.4	21.7	27.0
77.5°	19.4	22.3	25.3	28.4	29.0	27.5	25.1	21.8	25.7	33.4	42.2
75°	28.3	32.2	36.6	39.9	40.0	37.6	34.4	33.8	40.3	49.7	57.4
72.5°	38.6	44.4	48.7	51.5	51.3	50.9	52.1	54.9	60.2	67.0	73.0
70°	51.2	56.9	60.1	61.6	62.1	65.2	69.9	73.3	77.1	83.9	90.1
67.5°	63.7	68.1	70.8	72.7	78.0	83.9	88.5	92.8	97.5	104.4	110.1
65°	74.7	79.2	83.1	89.0	96.6	102.2	107.8	113.5	121.7	129.4	134.1
62.5°	85.6	90.3	96.3	104.2	112.5	119.7	128.7	138.9	149.5	157.4	166.5
60°	94.0	100.7	109.2	118.6	128.4	140.2	151.8	163.7	174.6	185.2	198.5
57.5°	102.0	111.7	122.2	133.3	146.3	161.0	175.1	188.0	201.7	216.5	231.6
55°	110.7	123.4	135.2	148.3	164.3	182.9	198.6	213.8	230.3	255.2	276.9
52.5°	120.3	134.4	147.6	163.8	183.6	203.5	221.3	242.6	270.1	307.1	367.0
50°	129.3	144.5	160.0	180.8	202.3	223.1	249.0	278.7	333.7	402.6	523.3
47.5°	138.3	154.4	174.9	197.4	220.7	248.3	281.1	346.1	421.1	592.7	763.8
45°	147.3	166.4	189.0	214.5	242.3	277.0	345.0	425.2	629.1	826.6	1032.3
42.5°	156.0	178.4	204.2	231.4	267.8	330.5	418.1	630.0	850.7	1077.5	1275.0
40°	165.9	189.5	219.5	254.0	302.0	397.2	594.0	832.5	1081.4	1295.6	1487.7
37.5°	175.3	203.2	235.7	275.9	362.2	521.1	774.7	1039.3	1280.2	1489.5	1694.7
35°	183.8	216.4	255.2	315.4	421.2	683.1	958.0	1227.1	1457.3	1680.9	1905.3
32.5°	193.8	229.2	273.9	367.7	556.5	839.6	1132.1	1388.4	1629.6	1867.9	2124.3
30°	204.9	245.0	299.9	417.7	690.5	991.6	1281.3	1543.2	1793.2	2057.9	2332.5
27.5°	215.4	260.3	343.0	514.5	816.6	1133.5	1417.1	1686.6	1955.0	2236.9	2532.5
25°	224.9	274.8	383.5	620.8	938.3	1254.6	1542.0	1816.3	2106.1	2412.4	2723.5
22.5°	235.1	289.0	419.9	717.5	1049.6	1362.3	1652.4	1943.1	2249.9	2574.6	2899.1
20°	246.1	319.2	480.0	806.8	1150.7	1460.3	1751.4	2061.0	2384.5	2720.8	3063.5
17.5°	256.2	345.9	551.7	891.5	1235.7	1545.4	1840.5	2167.8	2501.5	2853.1	3214.0
15°	265.3	369.1	614.9	966.5	1307.9	1617.7	1927.4	2262.6	2605.5	2971.7	3346.6
12.5°	273.2	388.6	669.2	1031.3	1368.7	1679.5	2000.5	2342.5	2698.2	3075.3	3466.0
10°	280.0	404.6	714.4	1085.5	1418.3	1730.5	2059.1	2409.0	2772.0	3158.8	3562.4
7.5°	284.3	417.7	750.1	1128.8	1456.4	1770.5	2103.4	2461.4	2825.9	3224.0	3635.2
5°	287.0	428.4	775.9	1160.7	1484.3	1800.6	2135.2	2499.1	2860.6	3269.7	3684.2
2.5°	288.3	435.8	791.7	1181.2	1501.7	1821.8	2161.6	2532.1	2897.0	3302.3	3722.2
0°	288.2	439.6	797.4	1189.9	1508.4	1831.4	2174.6	2549.2	2920.4	3316.3	3748.0
-2.5°	288.3	435.8	791.7	1181.2	1501.7	1821.8	2161.6	2532.1	2897.0	3302.3	3722.2
-5°	287.0	428.4	775.9	1160.7	1484.3	1800.6	2135.2	2499.1	2860.6	3269.7	3684.2
-7.5°	284.3	417.7	750.1	1128.8	1456.4	1770.5	2103.4	2461.4	2825.9	3224.0	3635.2
-10°	280.0	404.6	714.4	1085.5	1418.3	1730.5	2059.1	2409.0	2772.0	3158.8	3562.4
-12.5°	273.2	388.6	669.2	1031.3	1368.7	1679.5	2000.5	2342.5	2698.2	3075.3	3466.0
-15°	265.3	369.1	614.9	966.5	1307.9	1617.7	1927.4	2262.6	2605.5	2971.7	3346.6
-17.5°	256.2	345.9	551.7	891.5	1235.7	1545.4	1840.5	2167.8	2501.5	2853.1	3214.0
-20°	246.1	319.2	480.0	806.8	1150.7	1460.3	1751.4	2061.0	2384.5	2720.8	3063.5



REPORT NUMBER: P558795 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-930-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	235.1	289.0	419.9	717.5	1049.6	1362.3	1652.4	1943.1	2249.9	2574.6	2899.1
-25°	224.9	274.8	383.5	620.8	938.3	1254.6	1542.0	1816.3	2106.1	2412.4	2723.5
-27.5°	215.4	260.3	343.0	514.5	816.6	1133.5	1417.1	1686.6	1955.0	2236.9	2532.5
-30°	204.9	245.0	299.9	417.7	690.5	991.6	1281.3	1543.2	1793.2	2057.9	2332.5
-32.5°	193.8	229.2	273.9	367.7	556.5	839.6	1132.1	1388.4	1629.6	1867.9	2124.3
-35°	183.8	216.4	255.2	315.4	421.2	683.1	958.0	1227.1	1457.3	1680.9	1905.3
-37.5°	175.3	203.2	235.7	275.9	362.2	521.1	774.7	1039.3	1280.2	1489.5	1694.7
-40°	165.9	189.5	219.5	254.0	302.0	397.2	594.0	832.5	1081.4	1295.6	1487.7
-42.5°	156.0	178.4	204.2	231.4	267.8	330.5	418.1	630.0	850.7	1077.5	1275.0
-45°	147.3	166.4	189.0	214.5	242.3	277.0	345.0	425.2	629.1	826.6	1032.3
-47.5°	138.3	154.4	174.9	197.4	220.7	248.3	281.1	346.1	421.1	592.7	763.8
-50°	129.3	144.5	160.0	180.8	202.3	223.1	249.0	278.7	333.7	402.6	523.3
-52.5°	120.3	134.4	147.6	163.8	183.6	203.5	221.3	242.6	270.1	307.1	367.0
-55°	110.7	123.4	135.2	148.3	164.3	182.9	198.6	213.8	230.3	255.2	276.9
-57.5°	102.0	111.7	122.2	133.3	146.3	161.0	175.1	188.0	201.7	216.5	231.6
-60°	94.0	100.7	109.2	118.6	128.4	140.2	151.8	163.7	174.6	185.2	198.5
-62.5°	85.6	90.3	96.3	104.2	112.5	119.7	128.7	138.9	149.5	157.4	166.5
-65°	74.7	79.2	83.1	89.0	96.6	102.2	107.8	113.5	121.7	129.4	134.1
-67.5°	63.7	68.1	70.8	72.7	78.0	83.9	88.5	92.8	97.5	104.4	110.1
-70°	51.2	56.9	60.1	61.6	62.1	65.2	69.9	73.3	77.1	83.9	90.1
-72.5°	38.6	44.4	48.7	51.5	51.3	50.9	52.1	54.9	60.2	67.0	73.0
-75°	28.3	32.2	36.6	39.9	40.0	37.6	34.4	33.8	40.3	49.7	57.4
-77.5°	19.4	22.3	25.3	28.4	29.0	27.5	25.1	21.8	25.7	33.4	42.2
-80°	12.0	12.4	14.3	16.4	17.4	17.4	16.5	14.7	17.4	21.7	27.0
-82.5°	7.1	7.6	7.9	8.0	8.1	8.0	7.9	7.9	9.7	12.1	14.7
-85°	2.9	2.8	3.2	3.4	3.7	4.0	4.1	4.1	4.6	5.2	6.0
-87.5°	1.4	1.4	1.3	1.3	1.3	1.4	1.5	1.6	1.4	1.3	1.1
-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: P558795 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-930-U-WR-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°	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1
85°	6.8	6.7	6.5	6.1	5.7	5.8	6.0	6.2	6.3	5.9	5.5
82.5°	17.6	18.9	20.1	21.4	22.8	22.6	22.0	21.1	19.9	17.7	15.3
80°	33.0	36.0	38.1	39.8	41.1	39.8	37.9	35.7	33.2	29.5	25.4
77.5°	51.2	54.3	55.9	57.8	60.0	60.4	60.5	60.7	61.0	54.1	45.4
75°	63.6	67.7	71.0	74.0	76.6	78.0	78.8	79.7	80.5	71.3	59.4
72.5°	78.1	82.1	85.3	88.5	91.4	93.6	95.3	96.7	97.8	90.4	80.0
70°	95.1	99.1	102.8	106.1	109.4	112.4	115.1	117.5	119.8	120.2	120.7
67.5°	114.4	116.7	121.1	125.3	130.4	134.0	138.1	142.0	145.6	148.6	151.1
65°	138.2	146.6	155.2	159.4	159.7	165.1	173.5	178.1	179.5	180.6	183.2
62.5°	178.1	189.1	194.8	202.3	212.7	223.9	228.2	234.4	241.9	250.5	258.2
60°	209.9	219.2	233.1	247.2	259.7	271.1	298.8	323.3	344.4	362.5	379.9
57.5°	249.3	264.6	285.8	324.1	359.0	390.6	444.7	510.7	569.5	621.0	666.2
55°	312.1	356.8	397.0	487.2	583.7	667.1	745.3	828.8	896.9	950.0	999.2
52.5°	419.2	542.1	666.7	783.8	899.1	1004.0	1098.1	1172.1	1229.9	1273.3	1314.4
50°	671.1	819.2	971.0	1110.8	1223.9	1327.3	1425.2	1498.7	1560.2	1613.1	1660.0
47.5°	945.7	1119.1	1262.5	1391.4	1513.4	1628.1	1735.2	1824.6	1900.4	1970.2	2028.4
45°	1219.0	1374.1	1521.1	1659.3	1792.1	1920.7	2035.9	2137.6	2237.9	2320.7	2386.1
42.5°	1450.0	1614.2	1770.6	1928.9	2077.2	2221.5	2360.8	2484.5	2590.9	2681.4	2754.2
40°	1671.8	1848.9	2034.6	2210.3	2386.5	2551.1	2705.4	2846.6	2967.8	3075.0	3165.6
37.5°	1897.5	2104.2	2308.4	2508.6	2702.7	2881.7	3058.8	3221.7	3363.7	3489.1	3594.4
35°	2135.7	2363.6	2585.7	2811.3	3023.3	3230.4	3426.2	3605.5	3762.8	3910.5	4037.4
32.5°	2374.4	2621.2	2871.3	3115.4	3350.3	3582.3	3797.0	3999.2	4185.1	4348.5	4484.1
30°	2606.7	2878.5	3146.1	3412.1	3680.1	3932.9	4170.7	4392.7	4594.5	4772.5	4926.5
27.5°	2829.7	3121.8	3408.9	3713.0	4004.3	4279.4	4537.7	4776.4	5001.6	5204.1	5378.9
25°	3036.0	3346.3	3680.9	3999.9	4311.6	4616.6	4899.6	5159.0	5416.5	5639.2	5829.0
22.5°	3230.9	3577.3	3929.5	4264.0	4608.0	4943.3	5260.1	5560.7	5835.7	6069.1	6271.5
20°	3416.3	3789.0	4151.9	4522.4	4894.8	5256.5	5605.4	5926.6	6217.2	6471.5	6699.8
17.5°	3591.4	3977.0	4362.7	4758.3	5160.4	5540.8	5910.4	6259.8	6577.0	6859.3	7116.5
15°	3742.8	4141.3	4554.3	4974.7	5395.4	5799.8	6192.1	6572.7	6929.6	7236.8	7496.3
12.5°	3871.5	4286.6	4723.5	5164.6	5608.0	6032.0	6447.8	6855.0	7234.4	7564.7	7831.1
10°	3978.2	4413.2	4869.5	5328.9	5783.8	6224.3	6656.7	7078.1	7485.6	7827.9	8101.5
7.5°	4067.2	4518.9	4985.7	5459.0	5917.9	6375.4	6826.4	7252.1	7653.5	8014.5	8295.7
5°	4133.7	4592.9	5069.6	5554.6	6020.6	6494.4	6958.8	7394.4	7791.9	8119.0	8348.5
2.5°	4183.2	4639.0	5124.0	5612.3	6084.4	6575.3	7049.6	7485.7	7892.5	8202.2	8400.9
0°	4216.8	4664.3	5173.4	5652.3	6132.3	6635.9	7104.7	7545.4	7953.6	8256.4	8461.7
-2.5°	4183.2	4639.0	5124.0	5612.3	6084.4	6575.3	7049.6	7485.7	7892.5	8202.2	8400.9
-5°	4133.7	4592.9	5069.6	5554.6	6020.6	6494.4	6958.8	7394.4	7791.9	8119.0	8348.5
-7.5°	4067.2	4518.9	4985.7	5459.0	5917.9	6375.4	6826.4	7252.1	7653.5	8014.5	8295.7
-10°	3978.2	4413.2	4869.5	5328.9	5783.8	6224.3	6656.7	7078.1	7485.6	7827.9	8101.5
-12.5°	3871.5	4286.6	4723.5	5164.6	5608.0	6032.0	6447.8	6855.0	7234.4	7564.7	7831.1
-15°	3742.8	4141.3	4554.3	4974.7	5395.4	5799.8	6192.1	6572.7	6929.6	7236.8	7496.3
-17.5°	3591.4	3977.0	4362.7	4758.3	5160.4	5540.8	5910.4	6259.8	6577.0	6859.3	7116.5
-20°	3416.3	3789.0	4151.9	4522.4	4894.8	5256.5	5605.4	5926.6	6217.2	6471.5	6699.8



REPORT NUMBER: P558795 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-930-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3230.9	3577.3	3929.5	4264.0	4608.0	4943.3	5260.1	5560.7	5835.7	6069.1	6271.5
-25°	3036.0	3346.3	3680.9	3999.9	4311.6	4616.6	4899.6	5159.0	5416.5	5639.2	5829.0
-27.5°	2829.7	3121.8	3408.9	3713.0	4004.3	4279.4	4537.7	4776.4	5001.6	5204.1	5378.9
-30°	2606.7	2878.5	3146.1	3412.1	3680.1	3932.9	4170.7	4392.7	4594.5	4772.5	4926.5
-32.5°	2374.4	2621.2	2871.3	3115.4	3350.3	3582.3	3797.0	3999.2	4185.1	4348.5	4484.1
-35°	2135.7	2363.6	2585.7	2811.3	3023.3	3230.4	3426.2	3605.5	3762.8	3910.5	4037.4
-37.5°	1897.5	2104.2	2308.4	2508.6	2702.7	2881.7	3058.8	3221.7	3363.7	3489.1	3594.4
-40°	1671.8	1848.9	2034.6	2210.3	2386.5	2551.1	2705.4	2846.6	2967.8	3075.0	3165.6
-42.5°	1450.0	1614.2	1770.6	1928.9	2077.2	2221.5	2360.8	2484.5	2590.9	2681.4	2754.2
-45°	1219.0	1374.1	1521.1	1659.3	1792.1	1920.7	2035.9	2137.6	2237.9	2320.7	2386.1
-47.5°	945.7	1119.1	1262.5	1391.4	1513.4	1628.1	1735.2	1824.6	1900.4	1970.2	2028.4
-50°	671.1	819.2	971.0	1110.8	1223.9	1327.3	1425.2	1498.7	1560.2	1613.1	1660.0
-52.5°	419.2	542.1	666.7	783.8	899.1	1004.0	1098.1	1172.1	1229.9	1273.3	1314.4
-55°	312.1	356.8	397.0	487.2	583.7	667.1	745.3	828.8	896.9	950.0	999.2
-57.5°	249.3	264.6	285.8	324.1	359.0	390.6	444.7	510.7	569.5	621.0	666.2
-60°	209.9	219.2	233.1	247.2	259.7	271.1	298.8	323.3	344.4	362.5	379.9
-62.5°	178.1	189.1	194.8	202.3	212.7	223.9	228.2	234.4	241.9	250.5	258.2
-65°	138.2	146.6	155.2	159.4	159.7	165.1	173.5	178.1	179.5	180.6	183.2
-67.5°	114.4	116.7	121.1	125.3	130.4	134.0	138.1	142.0	145.6	148.6	151.1
-70°	95.1	99.1	102.8	106.1	109.4	112.4	115.1	117.5	119.8	120.2	120.7
-72.5°	78.1	82.1	85.3	88.5	91.4	93.6	95.3	96.7	97.8	90.4	80.0
-75°	63.6	67.7	71.0	74.0	76.6	78.0	78.8	79.7	80.5	71.3	59.4
-77.5°	51.2	54.3	55.9	57.8	60.0	60.4	60.5	60.7	61.0	54.1	45.4
-80°	33.0	36.0	38.1	39.8	41.1	39.8	37.9	35.7	33.2	29.5	25.4
-82.5°	17.6	18.9	20.1	21.4	22.8	22.6	22.0	21.1	19.9	17.7	15.3
-85°	6.8	6.7	6.5	6.1	5.7	5.8	6.0	6.2	6.3	5.9	5.5
-87.5°	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1
-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: P558795 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-930-U-WR-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°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0
85°	5.0	4.5	4.5	4.5	4.5	4.5	5.0	5.5	5.9	6.3	6.2
82.5°	12.8	10.1	10.6	11.2	10.6	10.1	12.8	15.3	17.7	19.9	21.1
80°	21.2	16.8	17.3	17.9	17.3	16.8	21.2	25.4	29.5	33.2	35.7
77.5°	36.0	26.1	25.2	24.7	25.2	26.1	36.0	45.4	54.1	61.0	60.7
75°	47.0	34.3	33.6	33.6	33.6	34.3	47.0	59.4	71.3	80.5	79.7
72.5°	69.4	58.7	51.2	43.7	51.2	58.7	69.4	80.0	90.4	97.8	96.7
70°	122.0	123.5	122.9	121.1	122.9	123.5	122.0	120.7	120.2	119.8	117.5
67.5°	153.2	154.8	155.1	154.8	155.1	154.8	153.2	151.1	148.6	145.6	142.0
65°	185.1	186.1	187.0	187.3	187.0	186.1	185.1	183.2	180.6	179.5	178.1
62.5°	264.0	267.8	271.9	274.8	271.9	267.8	264.0	258.2	250.5	241.9	234.4
60°	395.2	407.8	413.3	413.8	413.3	407.8	395.2	379.9	362.5	344.4	323.3
57.5°	702.4	729.5	753.6	771.6	753.6	729.5	702.4	666.2	621.0	569.5	510.7
55°	1038.5	1067.3	1083.5	1087.8	1083.5	1067.3	1038.5	999.2	950.0	896.9	828.8
52.5°	1345.6	1364.8	1382.9	1398.5	1382.9	1364.8	1345.6	1314.4	1273.3	1229.9	1172.1
50°	1695.3	1716.7	1734.6	1748.4	1734.6	1716.7	1695.3	1660.0	1613.1	1560.2	1498.7
47.5°	2069.2	2095.3	2114.5	2127.5	2114.5	2095.3	2069.2	2028.4	1970.2	1900.4	1824.6
45°	2442.2	2486.9	2514.1	2518.9	2514.1	2486.9	2442.2	2386.1	2320.7	2237.9	2137.6
42.5°	2817.1	2860.0	2889.0	2910.3	2889.0	2860.0	2817.1	2754.2	2681.4	2590.9	2484.5
40°	3241.2	3295.0	3319.7	3303.9	3319.7	3295.0	3241.2	3165.6	3075.0	2967.8	2846.6
37.5°	3675.6	3730.9	3759.4	3758.1	3759.4	3730.9	3675.6	3594.4	3489.1	3363.7	3221.7
35°	4136.1	4204.8	4241.9	4232.5	4241.9	4204.8	4136.1	4037.4	3910.5	3762.8	3605.5
32.5°	4592.4	4675.3	4728.9	4737.2	4728.9	4675.3	4592.4	4484.1	4348.5	4185.1	3999.2
30°	5050.0	5139.7	5193.0	5198.1	5193.0	5139.7	5050.0	4926.5	4772.5	4594.5	4392.7
27.5°	5525.6	5625.9	5681.6	5694.9	5681.6	5625.9	5525.6	5378.9	5204.1	5001.6	4776.4
25°	5990.8	6102.1	6166.1	6190.6	6166.1	6102.1	5990.8	5829.0	5639.2	5416.5	5159.0
22.5°	6439.4	6561.5	6644.9	6666.2	6644.9	6561.5	6439.4	6271.5	6069.1	5835.7	5560.7
20°	6889.4	7033.5	7140.1	7150.6	7140.1	7033.5	6889.4	6699.8	6471.5	6217.2	5926.6
17.5°	7322.6	7478.5	7592.7	7620.5	7592.7	7478.5	7322.6	7116.5	6859.3	6577.0	6259.8
15°	7710.5	7874.1	7984.3	8008.6	7984.3	7874.1	7710.5	7496.3	7236.8	6929.6	6572.7
12.5°	8045.2	8196.1	8298.9	8338.3	8298.9	8196.1	8045.2	7831.1	7564.7	7234.4	6855.0
10°	8314.9	8431.4	8523.3	8564.8	8523.3	8431.4	8314.9	8101.5	7827.9	7485.6	7078.1
7.5°	8465.4	8561.3	8624.9	8647.8	8624.9	8561.3	8465.4	8295.7	8014.5	7653.5	7252.1
5°	8524.9	8616.8	8651.3	8671.4	8651.3	8616.8	8524.9	8348.5	8119.0	7791.9	7394.4
2.5°	8533.0	8606.5	8677.5	8724.1	8677.5	8606.5	8533.0	8400.9	8202.2	7892.5	7485.7
0°	8580.5	8652.3	8691.6	8714.0	8691.6	8652.3	8580.5	8461.7	8256.4	7953.6	7545.4
-2.5°	8533.0	8606.5	8677.5	8724.1	8677.5	8606.5	8533.0	8400.9	8202.2	7892.5	7485.7
-5°	8524.9	8616.8	8651.3	8671.4	8651.3	8616.8	8524.9	8348.5	8119.0	7791.9	7394.4
-7.5°	8465.4	8561.3	8624.9	8647.8	8624.9	8561.3	8465.4	8295.7	8014.5	7653.5	7252.1
-10°	8314.9	8431.4	8523.3	8564.8	8523.3	8431.4	8314.9	8101.5	7827.9	7485.6	7078.1
-12.5°	8045.2	8196.1	8298.9	8338.3	8298.9	8196.1	8045.2	7831.1	7564.7	7234.4	6855.0
-15°	7710.5	7874.1	7984.3	8008.6	7984.3	7874.1	7710.5	7496.3	7236.8	6929.6	6572.7
-17.5°	7322.6	7478.5	7592.7	7620.5	7592.7	7478.5	7322.6	7116.5	6859.3	6577.0	6259.8
-20°	6889.4	7033.5	7140.1	7150.6	7140.1	7033.5	6889.4	6699.8	6471.5	6217.2	5926.6



REPORT NUMBER: P558795 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-930-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	6439.4	6561.5	6644.9	6666.2	6644.9	6561.5	6439.4	6271.5	6069.1	5835.7	5560.7
-25°	5990.8	6102.1	6166.1	6190.6	6166.1	6102.1	5990.8	5829.0	5639.2	5416.5	5159.0
-27.5°	5525.6	5625.9	5681.6	5694.9	5681.6	5625.9	5525.6	5378.9	5204.1	5001.6	4776.4
-30°	5050.0	5139.7	5193.0	5198.1	5193.0	5139.7	5050.0	4926.5	4772.5	4594.5	4392.7
-32.5°	4592.4	4675.3	4728.9	4737.2	4728.9	4675.3	4592.4	4484.1	4348.5	4185.1	3999.2
-35°	4136.1	4204.8	4241.9	4232.5	4241.9	4204.8	4136.1	4037.4	3910.5	3762.8	3605.5
-37.5°	3675.6	3730.9	3759.4	3758.1	3759.4	3730.9	3675.6	3594.4	3489.1	3363.7	3221.7
-40°	3241.2	3295.0	3319.7	3303.9	3319.7	3295.0	3241.2	3165.6	3075.0	2967.8	2846.6
-42.5°	2817.1	2860.0	2889.0	2910.3	2889.0	2860.0	2817.1	2754.2	2681.4	2590.9	2484.5
-45°	2442.2	2486.9	2514.1	2518.9	2514.1	2486.9	2442.2	2386.1	2320.7	2237.9	2137.6
-47.5°	2069.2	2095.3	2114.5	2127.5	2114.5	2095.3	2069.2	2028.4	1970.2	1900.4	1824.6
-50°	1695.3	1716.7	1734.6	1748.4	1734.6	1716.7	1695.3	1660.0	1613.1	1560.2	1498.7
-52.5°	1345.6	1364.8	1382.9	1398.5	1382.9	1364.8	1345.6	1314.4	1273.3	1229.9	1172.1
-55°	1038.5	1067.3	1083.5	1087.8	1083.5	1067.3	1038.5	999.2	950.0	896.9	828.8
-57.5°	702.4	729.5	753.6	771.6	753.6	729.5	702.4	666.2	621.0	569.5	510.7
-60°	395.2	407.8	413.3	413.8	413.3	407.8	395.2	379.9	362.5	344.4	323.3
-62.5°	264.0	267.8	271.9	274.8	271.9	267.8	264.0	258.2	250.5	241.9	234.4
-65°	185.1	186.1	187.0	187.3	187.0	186.1	185.1	183.2	180.6	179.5	178.1
-67.5°	153.2	154.8	155.1	154.8	155.1	154.8	153.2	151.1	148.6	145.6	142.0
-70°	122.0	123.5	122.9	121.1	122.9	123.5	122.0	120.7	120.2	119.8	117.5
-72.5°	69.4	58.7	51.2	43.7	51.2	58.7	69.4	80.0	90.4	97.8	96.7
-75°	47.0	34.3	33.6	33.6	33.6	34.3	47.0	59.4	71.3	80.5	79.7
-77.5°	36.0	26.1	25.2	24.7	25.2	26.1	36.0	45.4	54.1	61.0	60.7
-80°	21.2	16.8	17.3	17.9	17.3	16.8	21.2	25.4	29.5	33.2	35.7
-82.5°	12.8	10.1	10.6	11.2	10.6	10.1	12.8	15.3	17.7	19.9	21.1
-85°	5.0	4.5	4.5	4.5	4.5	4.5	5.0	5.5	5.9	6.3	6.2
-87.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0
-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: P558795 (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°	1.0	1.0	1.0	1.0	1.0	0.9	0.9	1.1	1.3	1.4	1.6
85°	6.0	5.8	5.7	6.1	6.5	6.7	6.8	6.0	5.2	4.6	4.1
82.5°	22.0	22.6	22.8	21.4	20.1	18.9	17.6	14.7	12.1	9.7	7.9
80°	37.9	39.8	41.1	39.8	38.1	36.0	33.0	27.0	21.7	17.4	14.7
77.5°	60.5	60.4	60.0	57.8	55.9	54.3	51.2	42.2	33.4	25.7	21.8
75°	78.8	78.0	76.6	74.0	71.0	67.7	63.6	57.4	49.7	40.3	33.8
72.5°	95.3	93.6	91.4	88.5	85.3	82.1	78.1	73.0	67.0	60.2	54.9
70°	115.1	112.4	109.4	106.1	102.8	99.1	95.1	90.1	83.9	77.1	73.3
67.5°	138.1	134.0	130.4	125.3	121.1	116.7	114.4	110.1	104.4	97.5	92.8
65°	173.5	165.1	159.7	159.4	155.2	146.6	138.2	134.1	129.4	121.7	113.5
62.5°	228.2	223.9	212.7	202.3	194.8	189.1	178.1	166.5	157.4	149.5	138.9
60°	298.8	271.1	259.7	247.2	233.1	219.2	209.9	198.5	185.2	174.6	163.7
57.5°	444.7	390.6	359.0	324.1	285.8	264.6	249.3	231.6	216.5	201.7	188.0
55°	745.3	667.1	583.7	487.2	397.0	356.8	312.1	276.9	255.2	230.3	213.8
52.5°	1098.1	1004.0	899.1	783.8	666.7	542.1	419.2	367.0	307.1	270.1	242.6
50°	1425.2	1327.3	1223.9	1110.8	971.0	819.2	671.1	523.3	402.6	333.7	278.7
47.5°	1735.2	1628.1	1513.4	1391.4	1262.5	1119.1	945.7	763.8	592.7	421.1	346.1
45°	2035.9	1920.7	1792.1	1659.3	1521.1	1374.1	1219.0	1032.3	826.6	629.1	425.2
42.5°	2360.8	2221.5	2077.2	1928.9	1770.6	1614.2	1450.0	1275.0	1077.5	850.7	630.0
40°	2705.4	2551.1	2386.5	2210.3	2034.6	1848.9	1671.8	1487.7	1295.6	1081.4	832.5
37.5°	3058.8	2881.7	2702.7	2508.6	2308.4	2104.2	1897.5	1694.7	1489.5	1280.2	1039.3
35°	3426.2	3230.4	3023.3	2811.3	2585.7	2363.6	2135.7	1905.3	1680.9	1457.3	1227.1
32.5°	3797.0	3582.3	3350.3	3115.4	2871.3	2621.2	2374.4	2124.3	1867.9	1629.6	1388.4
30°	4170.7	3932.9	3680.1	3412.1	3146.1	2878.5	2606.7	2332.5	2057.9	1793.2	1543.2
27.5°	4537.7	4279.4	4004.3	3713.0	3408.9	3121.8	2829.7	2532.5	2236.9	1955.0	1686.6
25°	4899.6	4616.6	4311.6	3999.9	3680.9	3346.3	3036.0	2723.5	2412.4	2106.1	1816.3
22.5°	5260.1	4943.3	4608.0	4264.0	3929.5	3577.3	3230.9	2899.1	2574.6	2249.9	1943.1
20°	5605.4	5256.5	4894.8	4522.4	4151.9	3789.0	3416.3	3063.5	2720.8	2384.5	2061.0
17.5°	5910.4	5540.8	5160.4	4758.3	4362.7	3977.0	3591.4	3214.0	2853.1	2501.5	2167.8
15°	6192.1	5799.8	5395.4	4974.7	4554.3	4141.3	3742.8	3346.6	2971.7	2605.5	2262.6
12.5°	6447.8	6032.0	5608.0	5164.6	4723.5	4286.6	3871.5	3466.0	3075.3	2698.2	2342.5
10°	6656.7	6224.3	5783.8	5328.9	4869.5	4413.2	3978.2	3562.4	3158.8	2772.0	2409.0
7.5°	6826.4	6375.4	5917.9	5459.0	4985.7	4518.9	4067.2	3635.2	3224.0	2825.9	2461.4
5°	6958.8	6494.4	6020.6	5554.6	5069.6	4592.9	4133.7	3684.2	3269.7	2860.6	2499.1
2.5°	7049.6	6575.3	6084.4	5612.3	5124.0	4639.0	4183.2	3722.2	3302.3	2897.0	2532.1
0°	7104.7	6635.9	6132.3	5652.3	5173.4	4664.3	4216.8	3748.0	3316.3	2920.4	2549.2
-2.5°	7049.6	6575.3	6084.4	5612.3	5124.0	4639.0	4183.2	3722.2	3302.3	2897.0	2532.1
-5°	6958.8	6494.4	6020.6	5554.6	5069.6	4592.9	4133.7	3684.2	3269.7	2860.6	2499.1
-7.5°	6826.4	6375.4	5917.9	5459.0	4985.7	4518.9	4067.2	3635.2	3224.0	2825.9	2461.4
-10°	6656.7	6224.3	5783.8	5328.9	4869.5	4413.2	3978.2	3562.4	3158.8	2772.0	2409.0
-12.5°	6447.8	6032.0	5608.0	5164.6	4723.5	4286.6	3871.5	3466.0	3075.3	2698.2	2342.5
-15°	6192.1	5799.8	5395.4	4974.7	4554.3	4141.3	3742.8	3346.6	2971.7	2605.5	2262.6
-17.5°	5910.4	5540.8	5160.4	4758.3	4362.7	3977.0	3591.4	3214.0	2853.1	2501.5	2167.8
-20°	5605.4	5256.5	4894.8	4522.4	4151.9	3789.0	3416.3	3063.5	2720.8	2384.5	2061.0



REPORT NUMBER: P558795 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-930-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5260.1	4943.3	4608.0	4264.0	3929.5	3577.3	3230.9	2899.1	2574.6	2249.9	1943.1
-25°	4899.6	4616.6	4311.6	3999.9	3680.9	3346.3	3036.0	2723.5	2412.4	2106.1	1816.3
-27.5°	4537.7	4279.4	4004.3	3713.0	3408.9	3121.8	2829.7	2532.5	2236.9	1955.0	1686.6
-30°	4170.7	3932.9	3680.1	3412.1	3146.1	2878.5	2606.7	2332.5	2057.9	1793.2	1543.2
-32.5°	3797.0	3582.3	3350.3	3115.4	2871.3	2621.2	2374.4	2124.3	1867.9	1629.6	1388.4
-35°	3426.2	3230.4	3023.3	2811.3	2585.7	2363.6	2135.7	1905.3	1680.9	1457.3	1227.1
-37.5°	3058.8	2881.7	2702.7	2508.6	2308.4	2104.2	1897.5	1694.7	1489.5	1280.2	1039.3
-40°	2705.4	2551.1	2386.5	2210.3	2034.6	1848.9	1671.8	1487.7	1295.6	1081.4	832.5
-42.5°	2360.8	2221.5	2077.2	1928.9	1770.6	1614.2	1450.0	1275.0	1077.5	850.7	630.0
-45°	2035.9	1920.7	1792.1	1659.3	1521.1	1374.1	1219.0	1032.3	826.6	629.1	425.2
-47.5°	1735.2	1628.1	1513.4	1391.4	1262.5	1119.1	945.7	763.8	592.7	421.1	346.1
-50°	1425.2	1327.3	1223.9	1110.8	971.0	819.2	671.1	523.3	402.6	333.7	278.7
-52.5°	1098.1	1004.0	899.1	783.8	666.7	542.1	419.2	367.0	307.1	270.1	242.6
-55°	745.3	667.1	583.7	487.2	397.0	356.8	312.1	276.9	255.2	230.3	213.8
-57.5°	444.7	390.6	359.0	324.1	285.8	264.6	249.3	231.6	216.5	201.7	188.0
-60°	298.8	271.1	259.7	247.2	233.1	219.2	209.9	198.5	185.2	174.6	163.7
-62.5°	228.2	223.9	212.7	202.3	194.8	189.1	178.1	166.5	157.4	149.5	138.9
-65°	173.5	165.1	159.7	159.4	155.2	146.6	138.2	134.1	129.4	121.7	113.5
-67.5°	138.1	134.0	130.4	125.3	121.1	116.7	114.4	110.1	104.4	97.5	92.8
-70°	115.1	112.4	109.4	106.1	102.8	99.1	95.1	90.1	83.9	77.1	73.3
-72.5°	95.3	93.6	91.4	88.5	85.3	82.1	78.1	73.0	67.0	60.2	54.9
-75°	78.8	78.0	76.6	74.0	71.0	67.7	63.6	57.4	49.7	40.3	33.8
-77.5°	60.5	60.4	60.0	57.8	55.9	54.3	51.2	42.2	33.4	25.7	21.8
-80°	37.9	39.8	41.1	39.8	38.1	36.0	33.0	27.0	21.7	17.4	14.7
-82.5°	22.0	22.6	22.8	21.4	20.1	18.9	17.6	14.7	12.1	9.7	7.9
-85°	6.0	5.8	5.7	6.1	6.5	6.7	6.8	6.0	5.2	4.6	4.1
-87.5°	1.0	1.0	1.0	1.0	1.0	0.9	0.9	1.1	1.3	1.4	1.6
-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: P558795 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-930-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.5	1.4	1.3	1.3	1.3	1.4	1.4	1.4	1.3	1.2	1.0
85°	4.1	4.0	3.7	3.4	3.2	2.8	2.9	2.9	2.6	2.3	2.0
82.5°	7.9	8.0	8.1	8.0	7.9	7.6	7.1	6.4	5.0	3.6	3.1
80°	16.5	17.4	17.4	16.4	14.3	12.4	12.0	11.0	9.1	7.2	5.4
77.5°	25.1	27.5	29.0	28.4	25.3	22.3	19.4	16.4	13.2	10.8	8.5
75°	34.4	37.6	40.0	39.9	36.6	32.2	28.3	24.2	19.4	14.6	11.5
72.5°	52.1	50.9	51.3	51.5	48.7	44.4	38.6	32.0	26.4	20.8	15.1
70°	69.9	65.2	62.1	61.6	60.1	56.9	51.2	42.6	33.4	27.0	20.5
67.5°	88.5	83.9	78.0	72.7	70.8	68.1	63.7	53.6	42.7	33.1	25.9
65°	107.8	102.2	96.6	89.0	83.1	79.2	74.7	64.0	51.7	40.6	31.1
62.5°	128.7	119.7	112.5	104.2	96.3	90.3	85.6	73.9	60.5	47.8	36.8
60°	151.8	140.2	128.4	118.6	109.2	100.7	94.0	83.9	70.0	54.6	42.4
57.5°	175.1	161.0	146.3	133.3	122.2	111.7	102.0	92.3	79.4	63.0	47.5
55°	198.6	182.9	164.3	148.3	135.2	123.4	110.7	99.8	88.4	71.7	51.4
52.5°	221.3	203.5	183.6	163.8	147.6	134.4	120.3	107.3	95.3	80.4	57.3
50°	249.0	223.1	202.3	180.8	160.0	144.5	129.3	115.3	102.2	88.3	62.8
47.5°	281.1	248.3	220.7	197.4	174.9	154.4	138.3	122.8	109.1	94.5	67.5
45°	345.0	277.0	242.3	214.5	189.0	166.4	147.3	129.8	115.3	97.1	71.6
42.5°	418.1	330.5	267.8	231.4	204.2	178.4	156.0	137.6	121.1	98.9	73.8
40°	594.0	397.2	302.0	254.0	219.5	189.5	165.9	145.2	126.0	99.9	74.6
37.5°	774.7	521.1	362.2	275.9	235.7	203.2	175.3	152.6	128.1	101.0	74.9
35°	958.0	683.1	421.2	315.4	255.2	216.4	183.8	160.0	132.8	102.0	74.5
32.5°	1132.1	839.6	556.5	367.7	273.9	229.2	193.8	167.3	138.7	103.1	73.5
30°	1281.3	991.6	690.5	417.7	299.9	245.0	204.9	174.3	145.8	104.0	72.4
27.5°	1417.1	1133.5	816.6	514.5	343.0	260.3	215.4	180.8	154.0	106.6	72.6
25°	1542.0	1254.6	938.3	620.8	383.5	274.8	224.9	187.0	160.5	112.1	72.6
22.5°	1652.4	1362.3	1049.6	717.5	419.9	289.0	235.1	194.9	165.4	117.9	72.5
20°	1751.4	1460.3	1150.7	806.8	480.0	319.2	246.1	201.9	169.9	124.0	72.1
17.5°	1840.5	1545.4	1235.7	891.5	551.7	345.9	256.2	208.0	173.9	130.0	71.4
15°	1927.4	1617.7	1307.9	966.5	614.9	369.1	265.3	213.2	177.4	135.9	71.0
12.5°	2000.5	1679.5	1368.7	1031.3	669.2	388.6	273.2	217.6	180.5	141.1	70.5
10°	2059.1	1730.5	1418.3	1085.5	714.4	404.6	280.0	220.9	182.8	145.4	69.1
7.5°	2103.4	1770.5	1456.4	1128.8	750.1	417.7	284.3	222.8	184.7	148.9	66.9
5°	2135.2	1800.6	1484.3	1160.7	775.9	428.4	287.0	223.8	186.1	151.3	64.1
2.5°	2161.6	1821.8	1501.7	1181.2	791.7	435.8	288.3	223.9	187.0	152.6	60.8
0°	2174.6	1831.4	1508.4	1189.9	797.4	439.6	288.2	223.2	187.3	152.5	57.2
-2.5°	2161.6	1821.8	1501.7	1181.2	791.7	435.8	288.3	223.9	187.0	152.6	60.8
-5°	2135.2	1800.6	1484.3	1160.7	775.9	428.4	287.0	223.8	186.1	151.3	64.1
-7.5°	2103.4	1770.5	1456.4	1128.8	750.1	417.7	284.3	222.8	184.7	148.9	66.9
-10°	2059.1	1730.5	1418.3	1085.5	714.4	404.6	280.0	220.9	182.8	145.4	69.1
-12.5°	2000.5	1679.5	1368.7	1031.3	669.2	388.6	273.2	217.6	180.5	141.1	70.5
-15°	1927.4	1617.7	1307.9	966.5	614.9	369.1	265.3	213.2	177.4	135.9	71.0
-17.5°	1840.5	1545.4	1235.7	891.5	551.7	345.9	256.2	208.0	173.9	130.0	71.4
-20°	1751.4	1460.3	1150.7	806.8	480.0	319.2	246.1	201.9	169.9	124.0	72.1



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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°	1652.4	1362.3	1049.6	717.5	419.9	289.0	235.1	194.9	165.4	117.9	72.5
-25°	1542.0	1254.6	938.3	620.8	383.5	274.8	224.9	187.0	160.5	112.1	72.6
-27.5°	1417.1	1133.5	816.6	514.5	343.0	260.3	215.4	180.8	154.0	106.6	72.6
-30°	1281.3	991.6	690.5	417.7	299.9	245.0	204.9	174.3	145.8	104.0	72.4
-32.5°	1132.1	839.6	556.5	367.7	273.9	229.2	193.8	167.3	138.7	103.1	73.5
-35°	958.0	683.1	421.2	315.4	255.2	216.4	183.8	160.0	132.8	102.0	74.5
-37.5°	774.7	521.1	362.2	275.9	235.7	203.2	175.3	152.6	128.1	101.0	74.9
-40°	594.0	397.2	302.0	254.0	219.5	189.5	165.9	145.2	126.0	99.9	74.6
-42.5°	418.1	330.5	267.8	231.4	204.2	178.4	156.0	137.6	121.1	98.9	73.8
-45°	345.0	277.0	242.3	214.5	189.0	166.4	147.3	129.8	115.3	97.1	71.6
-47.5°	281.1	248.3	220.7	197.4	174.9	154.4	138.3	122.8	109.1	94.5	67.5
-50°	249.0	223.1	202.3	180.8	160.0	144.5	129.3	115.3	102.2	88.3	62.8
-52.5°	221.3	203.5	183.6	163.8	147.6	134.4	120.3	107.3	95.3	80.4	57.3
-55°	198.6	182.9	164.3	148.3	135.2	123.4	110.7	99.8	88.4	71.7	51.4
-57.5°	175.1	161.0	146.3	133.3	122.2	111.7	102.0	92.3	79.4	63.0	47.5
-60°	151.8	140.2	128.4	118.6	109.2	100.7	94.0	83.9	70.0	54.6	42.4
-62.5°	128.7	119.7	112.5	104.2	96.3	90.3	85.6	73.9	60.5	47.8	36.8
-65°	107.8	102.2	96.6	89.0	83.1	79.2	74.7	64.0	51.7	40.6	31.1
-67.5°	88.5	83.9	78.0	72.7	70.8	68.1	63.7	53.6	42.7	33.1	25.9
-70°	69.9	65.2	62.1	61.6	60.1	56.9	51.2	42.6	33.4	27.0	20.5
-72.5°	52.1	50.9	51.3	51.5	48.7	44.4	38.6	32.0	26.4	20.8	15.1
-75°	34.4	37.6	40.0	39.9	36.6	32.2	28.3	24.2	19.4	14.6	11.5
-77.5°	25.1	27.5	29.0	28.4	25.3	22.3	19.4	16.4	13.2	10.8	8.5
-80°	16.5	17.4	17.4	16.4	14.3	12.4	12.0	11.0	9.1	7.2	5.4
-82.5°	7.9	8.0	8.1	8.0	7.9	7.6	7.1	6.4	5.0	3.6	3.1
-85°	4.1	4.0	3.7	3.4	3.2	2.8	2.9	2.9	2.6	2.3	2.0
-87.5°	1.5	1.4	1.3	1.3	1.3	1.4	1.4	1.4	1.3	1.2	1.0
-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°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
85°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
82.5°	2.6	2.2	1.8	1.3	0.9	0.4	0.0
80°	3.7	2.9	2.3	1.8	1.2	0.6	0.0
77.5°	6.2	4.0	2.9	2.2	1.5	0.7	0.0
75°	8.7	5.8	3.6	2.6	1.8	0.9	0.0
72.5°	11.0	7.5	4.8	3.1	2.0	1.0	0.0
70°	13.6	9.2	5.9	3.5	2.3	1.2	0.0
67.5°	17.7	10.8	7.0	4.2	2.6	1.3	0.0
65°	21.5	12.9	8.0	4.9	2.9	1.4	0.0
62.5°	25.1	15.4	9.0	5.5	3.1	1.6	0.0
60°	28.4	17.7	9.9	6.1	3.4	1.7	0.0
57.5°	31.7	19.8	11.3	6.6	3.7	1.8	0.0
55°	34.7	21.7	12.5	7.1	4.1	1.9	0.0
52.5°	37.2	23.3	13.6	7.5	4.4	2.1	0.0
50°	39.3	24.9	14.6	8.0	4.7	2.2	0.0
47.5°	41.3	26.1	15.4	8.4	5.0	2.3	0.0
45°	44.6	27.0	16.0	8.8	5.3	2.4	0.0
42.5°	47.4	27.7	16.4	9.1	5.5	2.5	0.0
40°	49.6	28.0	16.7	9.6	5.8	2.6	0.0
37.5°	51.3	28.0	16.9	10.0	6.0	2.7	0.0
35°	52.4	28.6	16.8	10.4	6.3	2.8	0.0
32.5°	52.6	29.4	16.6	10.9	6.5	2.9	0.0
30°	51.7	29.8	16.2	11.2	6.7	2.9	0.0
27.5°	50.2	29.8	16.6	11.6	6.9	3.0	0.0
25°	48.4	29.4	17.1	11.9	7.1	3.1	0.0
22.5°	46.2	29.4	17.6	12.2	7.2	3.1	0.0
20°	43.7	30.8	18.0	12.5	7.4	3.2	0.0
17.5°	43.2	32.0	18.4	12.7	7.5	3.2	0.0
15°	44.1	33.1	18.8	12.9	7.6	3.3	0.0
12.5°	44.8	33.9	19.1	13.1	7.7	3.3	0.0
10°	45.5	34.7	19.4	13.2	7.8	3.3	0.0
7.5°	46.1	35.2	19.7	13.4	7.8	3.4	0.0
5°	46.6	35.6	19.9	13.4	7.9	3.4	0.0
2.5°	46.9	35.8	20.1	13.5	7.9	3.4	0.0
0°	47.1	35.9	20.2	13.5	7.9	3.4	0.0
-2.5°	46.9	35.8	20.1	13.5	7.9	3.4	0.0
-5°	46.6	35.6	19.9	13.4	7.9	3.4	0.0
-7.5°	46.1	35.2	19.7	13.4	7.8	3.4	0.0
-10°	45.5	34.7	19.4	13.2	7.8	3.3	0.0
-12.5°	44.8	33.9	19.1	13.1	7.7	3.3	0.0
-15°	44.1	33.1	18.8	12.9	7.6	3.3	0.0
-17.5°	43.2	32.0	18.4	12.7	7.5	3.2	0.0
-20°	43.7	30.8	18.0	12.5	7.4	3.2	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	46.2	29.4	17.6	12.2	7.2	3.1	0.0
-25°	48.4	29.4	17.1	11.9	7.1	3.1	0.0
-27.5°	50.2	29.8	16.6	11.6	6.9	3.0	0.0
-30°	51.7	29.8	16.2	11.2	6.7	2.9	0.0
-32.5°	52.6	29.4	16.6	10.9	6.5	2.9	0.0
-35°	52.4	28.6	16.8	10.4	6.3	2.8	0.0
-37.5°	51.3	28.0	16.9	10.0	6.0	2.7	0.0
-40°	49.6	28.0	16.7	9.6	5.8	2.6	0.0
-42.5°	47.4	27.7	16.4	9.1	5.5	2.5	0.0
-45°	44.6	27.0	16.0	8.8	5.3	2.4	0.0
-47.5°	41.3	26.1	15.4	8.4	5.0	2.3	0.0
-50°	39.3	24.9	14.6	8.0	4.7	2.2	0.0
-52.5°	37.2	23.3	13.6	7.5	4.4	2.1	0.0
-55°	34.7	21.7	12.5	7.1	4.1	1.9	0.0
-57.5°	31.7	19.8	11.3	6.6	3.7	1.8	0.0
-60°	28.4	17.7	9.9	6.1	3.4	1.7	0.0
-62.5°	25.1	15.4	9.0	5.5	3.1	1.6	0.0
-65°	21.5	12.9	8.0	4.9	2.9	1.4	0.0
-67.5°	17.7	10.8	7.0	4.2	2.6	1.3	0.0
-70°	13.6	9.2	5.9	3.5	2.3	1.2	0.0
-72.5°	11.0	7.5	4.8	3.1	2.0	1.0	0.0
-75°	8.7	5.8	3.6	2.6	1.8	0.9	0.0
-77.5°	6.2	4.0	2.9	2.2	1.5	0.7	0.0
-80°	3.7	2.9	2.3	1.8	1.2	0.6	0.0
-82.5°	2.6	2.2	1.8	1.3	0.9	0.4	0.0
-85°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
-87.5°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)