

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: P558677 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2C-940-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558677 (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-SA2C-940-U-MWR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (32) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

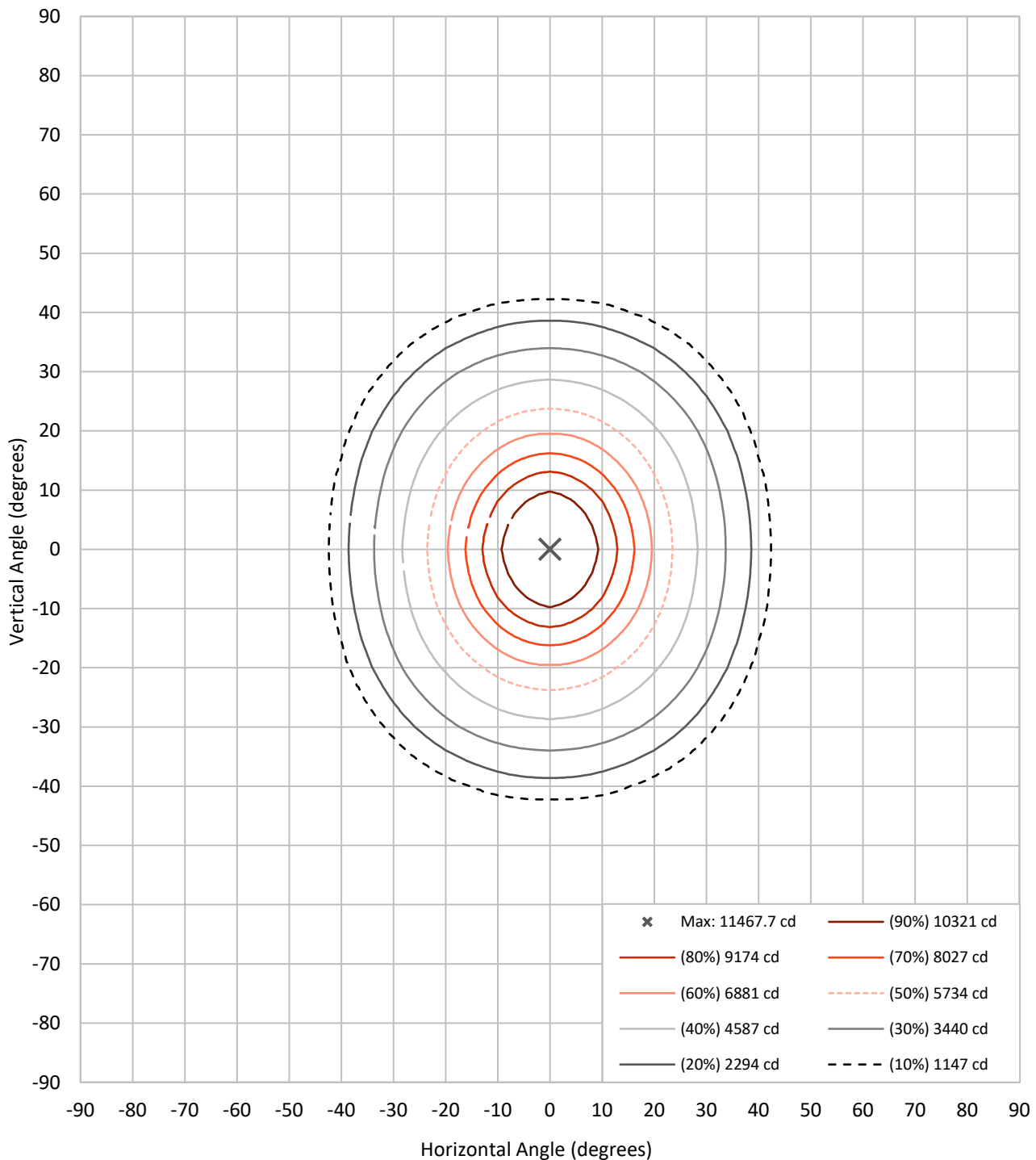
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	8927 lumens	Max Intensity:	11467.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	107.6 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	4212.4 lumens	Field Lumens:	8105.7 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 83
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Candela Plot





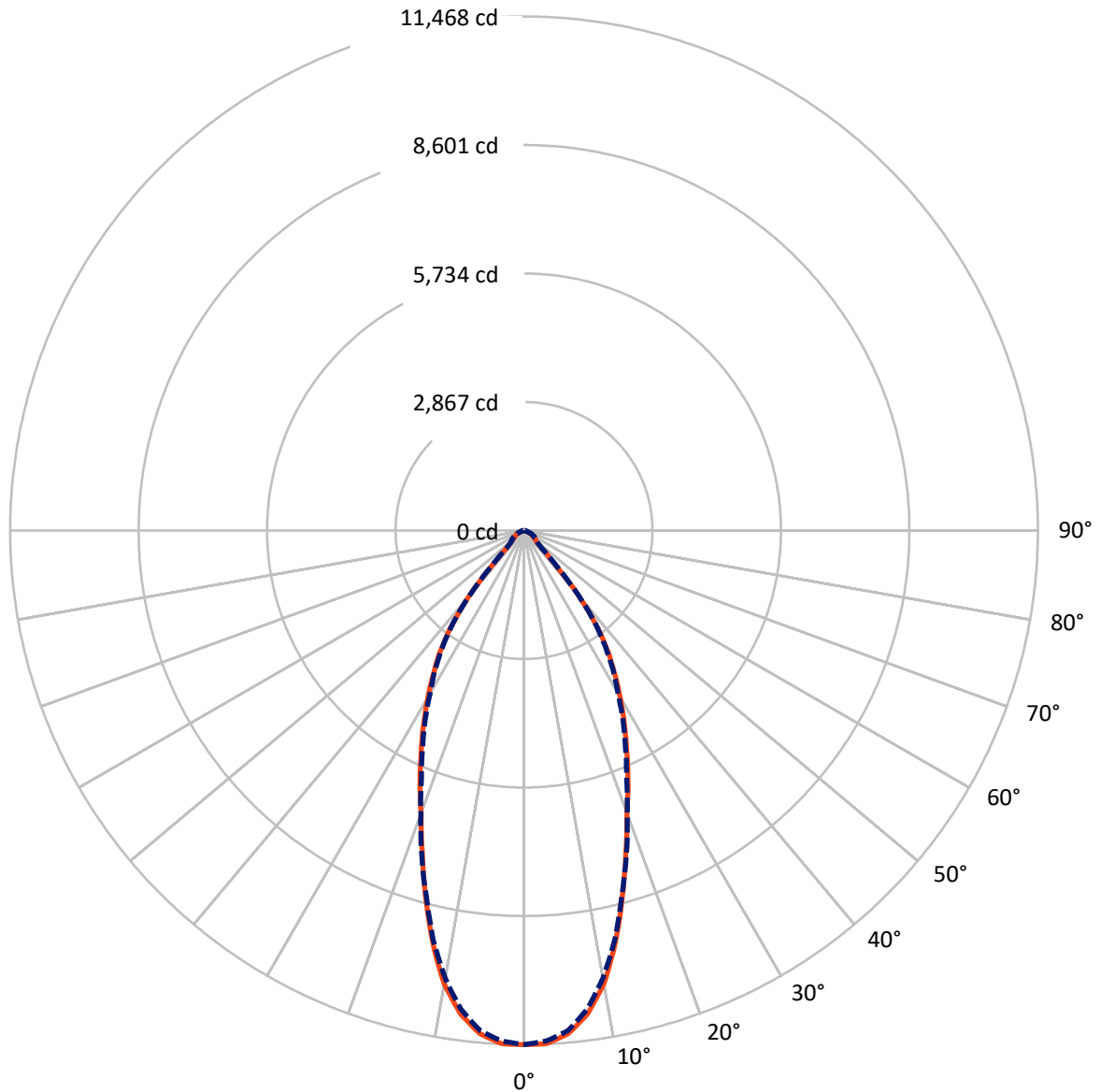
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Lumen Table

90	0.1	1.1	2.5	4.0	3.1	4.0	2.5	1.1	0.1							
80	0.1	1.1	2.5	4.0	3.1	4.0	2.5	1.1	0.1							
70	0.6	0.7	1.3	2.0	2.8	3.6	4.1	4.4	4.4	4.1	3.6	2.8	2.0	1.3	0.7	0.6
60		1.1	2.1	3.6	5.1	6.4	7.3	8.1	8.1	7.3	6.4	5.1	3.6	2.1	1.1	
50	1.0	1.4	3.0	5.0	7.3	10.0	15.9	22.2	22.2	15.9	10.0	7.3	5.0	3.0	1.4	1.0
40		1.7	3.7	6.3	11.8	37.6	73.2	93.3	93.3	73.2	37.6	11.8	6.3	3.7	1.7	
30	1.0	2.0	4.4	7.8	34.4	89.9	132.6	160.6	160.6	132.6	89.9	34.4	7.8	4.4	2.0	1.0
20		2.3	4.9	12.0	62.5	124.0	188.5	245.3	245.3	188.5	124.0	62.5	12.0	4.9	2.3	
10	1.1	2.4	5.3	16.6	76.2	144.7	237.1	320.6	320.6	237.1	144.7	76.2	16.6	5.3	2.4	1.1
0		2.4	5.3	16.6	76.2	144.7	237.1	320.6	320.6	237.1	144.7	76.2	16.6	5.3	2.4	
-10	1.0	2.3	4.9	12.0	62.5	124.0	188.5	245.3	245.3	188.5	124.0	62.5	12.0	4.9	2.3	1.0
-20		2.0	4.4	7.8	34.4	89.9	132.6	160.6	160.6	132.6	89.9	34.4	7.8	4.4	2.0	
-30	1.0	1.7	3.7	6.3	11.8	37.6	73.2	93.3	93.3	73.2	37.6	11.8	6.3	3.7	1.7	1.0
-40		1.4	3.0	5.0	7.3	10.0	15.9	22.2	22.2	15.9	10.0	7.3	5.0	3.0	1.4	
-50	0.6	1.1	2.1	3.6	5.1	6.4	7.3	8.1	8.1	7.3	6.4	5.1	3.6	2.1	1.1	0.6
-60		0.7	1.3	2.0	2.8	3.6	4.1	4.4	4.4	4.1	3.6	2.8	2.0	1.3	0.7	
-70	0.1	1.1	2.5	4.0	3.1	4.0	2.5	1.1	0.1							
-80		0.1	1.1	2.5	4.0	3.1	4.0	2.5	1.1	0.1						
-90	0.1	1.1	2.5	4.0	3.1	4.0	2.5	1.1	0.1							

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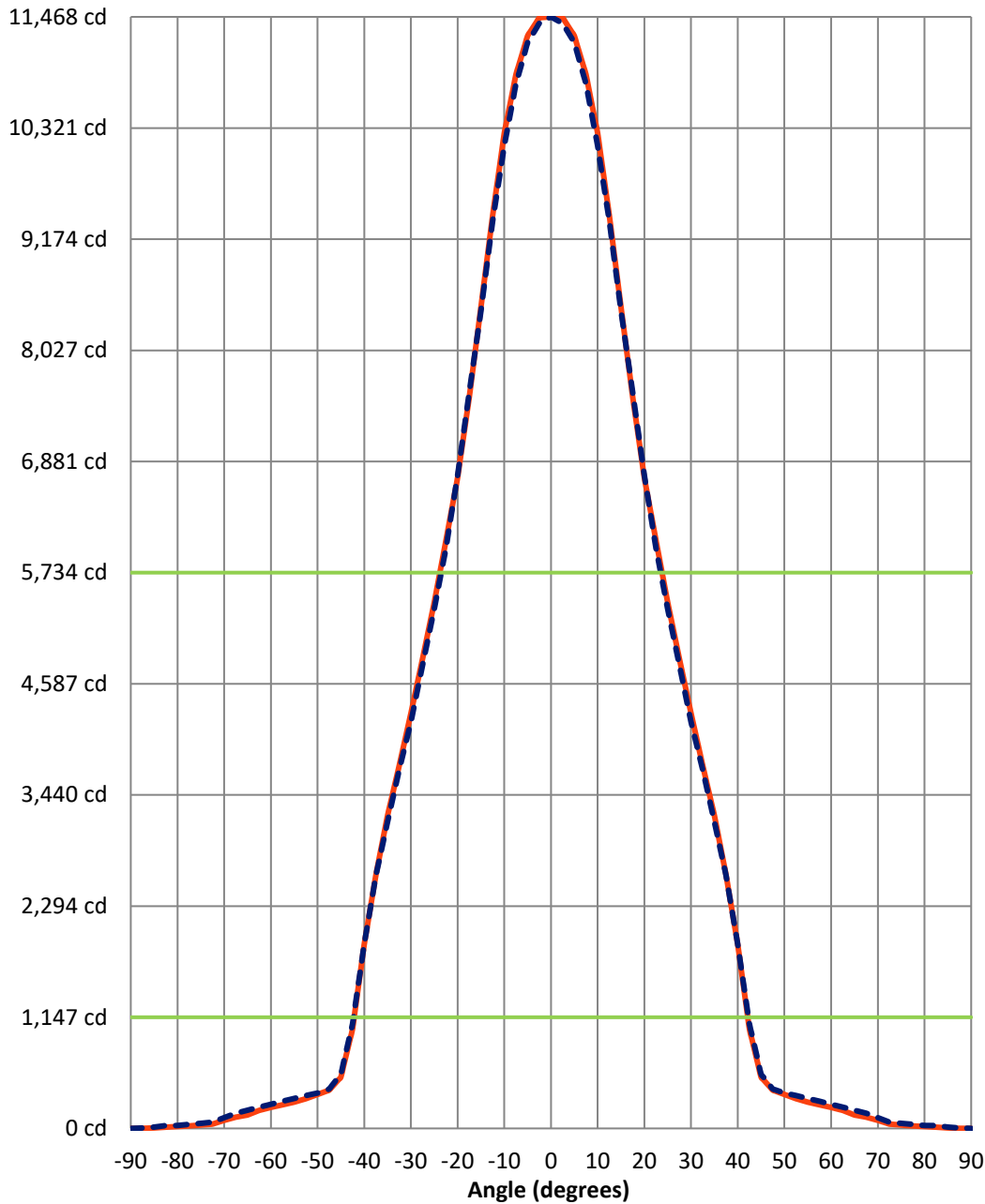
Luminous Intensity Polar Plot



— 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: 4212.4
Efficiency: 47.2%

Field:
H Angle: 84.6°
V Angle: 84.3°
Lumens: 8105.7
Efficiency: 90.8%

Spill:
Lumens: 821.3
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	0.2	0.4	0.6	0.9	1.2	1.6	1.7	1.9	2.1	2.2
85°	0.0	0.4	0.7	1.2	1.8	2.4	3.1	3.5	3.8	4.1	4.4
82.5°	0.0	0.6	1.1	1.8	2.7	3.6	4.6	5.2	5.9	7.1	8.0
80°	0.0	0.7	1.5	2.4	3.5	4.8	6.4	8.5	10.2	11.5	12.4
77.5°	0.0	0.9	1.9	3.0	4.4	6.5	10.1	12.6	14.5	15.9	17.2
75°	0.0	1.1	2.2	3.6	5.5	9.3	13.7	16.7	18.9	21.3	23.1
72.5°	0.0	1.3	2.6	4.2	7.5	12.1	17.2	21.1	24.4	27.1	29.1
70°	0.0	1.5	2.9	4.9	9.5	14.7	20.7	26.2	29.9	33.0	37.7
67.5°	0.0	1.6	3.3	6.2	11.4	17.3	24.8	31.3	35.5	40.4	46.6
65°	0.0	1.8	3.6	7.5	13.3	20.1	28.7	36.4	41.3	47.5	55.0
62.5°	0.0	2.0	4.0	8.8	15.0	23.0	32.4	41.0	46.9	54.4	62.8
60°	0.0	2.1	4.3	10.0	16.8	25.7	35.9	45.3	52.1	61.3	70.4
57.5°	0.0	2.3	5.0	11.2	18.7	28.3	38.4	49.1	58.0	68.1	77.1
55°	0.0	2.5	5.8	12.3	20.6	30.8	40.4	51.8	64.0	74.6	83.2
52.5°	0.0	2.6	6.5	13.3	22.3	32.9	42.2	55.5	69.9	80.1	89.3
50°	0.0	2.8	7.2	14.3	24.0	34.0	43.6	59.0	75.3	85.4	96.0
47.5°	0.0	2.9	7.8	15.2	25.5	34.8	45.0	62.0	79.9	90.7	102.5
45°	0.0	3.0	8.5	16.2	26.8	35.5	47.1	64.6	82.3	96.3	108.8
42.5°	0.0	3.2	9.1	17.2	28.1	35.9	49.0	66.5	84.2	101.7	115.2
40°	0.0	3.3	9.6	18.2	28.8	36.1	50.5	67.7	85.8	106.4	121.4
37.5°	0.0	3.4	10.2	19.2	28.8	36.1	51.7	68.5	87.6	108.8	127.4
35°	0.0	3.5	10.7	20.2	28.8	36.5	52.5	69.0	89.0	112.3	133.1
32.5°	0.0	3.6	11.1	21.2	28.6	37.1	52.9	69.2	90.2	116.5	138.3
30°	0.0	3.7	11.5	22.1	28.3	37.4	52.9	69.2	91.1	121.4	143.4
27.5°	0.0	3.8	11.9	23.0	28.6	37.5	52.6	69.6	92.9	127.0	148.4
25°	0.0	3.9	12.3	23.9	29.0	37.4	52.0	69.8	96.6	131.6	153.3
22.5°	0.0	4.0	12.6	24.7	29.2	37.5	51.2	69.7	100.5	135.4	159.4
20°	0.0	4.0	12.9	25.5	29.5	38.5	50.1	69.3	104.5	139.0	164.9
17.5°	0.0	4.1	13.1	26.2	29.7	39.4	50.2	68.7	108.4	142.3	169.8
15°	0.0	4.2	13.3	26.8	29.8	40.1	50.9	68.4	112.2	145.3	174.1
12.5°	0.0	4.2	13.5	27.4	29.9	40.7	51.5	68.7	114.8	147.9	177.8
10°	0.0	4.2	13.6	27.9	30.0	41.3	52.0	68.6	115.9	150.1	181.0
7.5°	0.0	4.3	13.7	28.4	30.0	41.7	52.3	68.0	116.0	152.3	183.6
5°	0.0	4.3	13.8	28.8	30.1	42.0	52.5	67.2	115.2	154.2	185.6
2.5°	0.0	4.3	13.8	29.1	30.1	42.1	52.6	66.0	113.5	155.8	187.0
0°	0.0	4.3	13.8	29.3	30.1	42.2	52.5	64.6	111.1	156.7	187.7
-2.5°	0.0	4.3	13.8	29.1	30.1	42.1	52.6	66.0	113.5	155.8	187.0
-5°	0.0	4.3	13.8	28.8	30.1	42.0	52.5	67.2	115.2	154.2	185.6
-7.5°	0.0	4.3	13.7	28.4	30.0	41.7	52.3	68.0	116.0	152.3	183.6
-10°	0.0	4.2	13.6	27.9	30.0	41.3	52.0	68.6	115.9	150.1	181.0
-12.5°	0.0	4.2	13.5	27.4	29.9	40.7	51.5	68.7	114.8	147.9	177.8
-15°	0.0	4.2	13.3	26.8	29.8	40.1	50.9	68.4	112.2	145.3	174.1
-17.5°	0.0	4.1	13.1	26.2	29.7	39.4	50.2	68.7	108.4	142.3	169.8
-20°	0.0	4.0	12.9	25.5	29.5	38.5	50.1	69.3	104.5	139.0	164.9



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 CATALOG NUMBER: GFLD-SA2C-940-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	4.0	12.6	24.7	29.2	37.5	51.2	69.7	100.5	135.4	159.4
-25°	0.0	3.9	12.3	23.9	29.0	37.4	52.0	69.8	96.6	131.6	153.3
-27.5°	0.0	3.8	11.9	23.0	28.6	37.5	52.6	69.6	92.9	127.0	148.4
-30°	0.0	3.7	11.5	22.1	28.3	37.4	52.9	69.2	91.1	121.4	143.4
-32.5°	0.0	3.6	11.1	21.2	28.6	37.1	52.9	69.2	90.2	116.5	138.3
-35°	0.0	3.5	10.7	20.2	28.8	36.5	52.5	69.0	89.0	112.3	133.1
-37.5°	0.0	3.4	10.2	19.2	28.8	36.1	51.7	68.5	87.6	108.8	127.4
-40°	0.0	3.3	9.6	18.2	28.8	36.1	50.5	67.7	85.8	106.4	121.4
-42.5°	0.0	3.2	9.1	17.2	28.1	35.9	49.0	66.5	84.2	101.7	115.2
-45°	0.0	3.0	8.5	16.2	26.8	35.5	47.1	64.6	82.3	96.3	108.8
-47.5°	0.0	2.9	7.8	15.2	25.5	34.8	45.0	62.0	79.9	90.7	102.5
-50°	0.0	2.8	7.2	14.3	24.0	34.0	43.6	59.0	75.3	85.4	96.0
-52.5°	0.0	2.6	6.5	13.3	22.3	32.9	42.2	55.5	69.9	80.1	89.3
-55°	0.0	2.5	5.8	12.3	20.6	30.8	40.4	51.8	64.0	74.6	83.2
-57.5°	0.0	2.3	5.0	11.2	18.7	28.3	38.4	49.1	58.0	68.1	77.1
-60°	0.0	2.1	4.3	10.0	16.8	25.7	35.9	45.3	52.1	61.3	70.4
-62.5°	0.0	2.0	4.0	8.8	15.0	23.0	32.4	41.0	46.9	54.4	62.8
-65°	0.0	1.8	3.6	7.5	13.3	20.1	28.7	36.4	41.3	47.5	55.0
-67.5°	0.0	1.6	3.3	6.2	11.4	17.3	24.8	31.3	35.5	40.4	46.6
-70°	0.0	1.5	2.9	4.9	9.5	14.7	20.7	26.2	29.9	33.0	37.7
-72.5°	0.0	1.3	2.6	4.2	7.5	12.1	17.2	21.1	24.4	27.1	29.1
-75°	0.0	1.1	2.2	3.6	5.5	9.3	13.7	16.7	18.9	21.3	23.1
-77.5°	0.0	0.9	1.9	3.0	4.4	6.5	10.1	12.6	14.5	15.9	17.2
-80°	0.0	0.7	1.5	2.4	3.5	4.8	6.4	8.5	10.2	11.5	12.4
-82.5°	0.0	0.6	1.1	1.8	2.7	3.6	4.6	5.2	5.9	7.1	8.0
-85°	0.0	0.4	0.7	1.2	1.8	2.4	3.1	3.5	3.8	4.1	4.4
-87.5°	0.0	0.2	0.4	0.6	0.9	1.2	1.6	1.7	1.9	2.1	2.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA2C-940-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°	2.2	2.2	2.1	2.0	1.8	1.6	1.4	1.2	1.3	1.3	1.3
85°	4.4	4.3	4.6	4.9	5.1	5.0	4.9	4.6	5.3	6.0	6.9
82.5°	8.7	9.5	10.2	10.9	10.9	10.7	10.3	9.9	11.4	13.2	15.3
80°	13.5	14.6	16.3	18.0	18.5	18.3	17.8	16.8	18.9	22.0	25.4
77.5°	19.3	21.6	24.0	26.3	26.9	26.4	25.3	23.5	26.2	31.2	36.6
75°	25.6	28.6	32.3	35.2	35.8	34.8	33.1	31.6	34.8	40.9	46.8
72.5°	33.4	38.2	41.9	44.5	44.7	43.8	42.9	42.1	45.7	53.0	59.1
70°	43.4	48.2	51.1	52.7	53.1	53.6	56.1	58.4	62.0	68.2	73.2
67.5°	53.3	57.1	59.7	61.6	65.3	68.9	72.2	75.7	79.7	85.0	88.8
65°	62.1	66.1	69.5	74.0	79.4	83.7	88.2	93.1	98.6	103.5	107.1
62.5°	70.8	75.1	79.9	85.8	92.1	97.8	104.4	111.2	117.8	123.4	129.6
60°	78.0	83.7	90.1	97.2	104.8	113.5	121.5	129.3	136.5	143.6	152.3
57.5°	84.8	92.5	100.4	108.9	118.8	129.4	138.8	147.4	156.4	166.6	175.1
55°	92.0	101.7	110.7	120.9	132.7	145.6	155.9	165.5	176.6	188.9	198.5
52.5°	99.7	110.4	121.0	133.3	147.6	160.3	171.0	183.1	196.6	209.9	221.0
50°	107.2	119.0	131.2	147.0	161.2	173.3	186.6	201.2	215.3	229.0	242.1
47.5°	114.8	127.3	143.7	159.8	173.0	187.2	202.7	217.8	232.6	246.8	260.5
45°	122.2	137.1	155.3	170.5	185.2	201.5	217.6	233.3	248.9	264.1	279.1
42.5°	129.3	146.7	165.0	180.9	197.8	214.9	231.7	248.4	264.8	281.1	297.0
40°	137.1	155.4	174.6	192.0	209.7	227.5	245.2	262.8	280.2	297.4	314.3
37.5°	144.3	164.4	184.4	202.7	220.9	239.5	258.1	276.7	295.0	312.9	332.2
35°	150.8	173.6	193.8	212.9	232.0	250.9	270.5	290.1	309.4	328.8	353.4
32.5°	158.0	182.7	202.6	222.8	242.5	262.0	282.4	303.1	323.6	346.3	381.7
30°	166.1	190.4	210.9	232.2	252.4	272.8	293.9	315.5	337.1	372.5	454.1
27.5°	174.0	197.5	219.1	240.8	261.6	282.8	304.9	327.3	357.4	411.7	544.2
25°	181.3	204.3	226.7	248.7	270.2	292.2	315.0	338.3	379.2	488.9	781.6
22.5°	187.5	210.9	234.1	255.9	277.9	300.7	324.4	355.3	418.5	566.8	1045.8
20°	192.8	217.1	240.9	263.5	285.1	308.2	332.9	371.5	478.2	789.1	1362.3
17.5°	197.7	222.8	247.1	270.7	293.4	316.1	341.4	385.5	531.9	982.3	1680.5
15°	202.2	227.8	252.9	277.5	301.1	324.6	354.9	425.3	640.6	1174.2	1964.0
12.5°	206.3	232.3	258.2	283.8	307.9	332.2	367.0	464.7	773.7	1399.2	2157.4
10°	209.8	236.1	262.9	289.5	313.9	338.9	377.2	497.1	883.1	1584.2	2312.9
7.5°	213.1	239.8	267.2	294.5	319.1	344.6	385.5	522.4	967.7	1723.6	2437.0
5°	215.9	243.4	272.4	300.1	325.6	350.8	392.7	540.6	1027.1	1817.6	2527.3
2.5°	218.0	246.4	277.0	305.0	332.8	358.4	400.8	554.0	1065.4	1877.4	2585.1
0°	219.5	248.8	280.7	309.1	339.2	365.0	407.2	560.5	1079.6	1899.2	2606.9
-2.5°	218.0	246.4	277.0	305.0	332.8	358.4	400.8	554.0	1065.4	1877.4	2585.1
-5°	215.9	243.4	272.4	300.1	325.6	350.8	392.7	540.6	1027.1	1817.6	2527.3
-7.5°	213.1	239.8	267.2	294.5	319.1	344.6	385.5	522.4	967.7	1723.6	2437.0
-10°	209.8	236.1	262.9	289.5	313.9	338.9	377.2	497.1	883.1	1584.2	2312.9
-12.5°	206.3	232.3	258.2	283.8	307.9	332.2	367.0	464.7	773.7	1399.2	2157.4
-15°	202.2	227.8	252.9	277.5	301.1	324.6	354.9	425.3	640.6	1174.2	1964.0
-17.5°	197.7	222.8	247.1	270.7	293.4	316.1	341.4	385.5	531.9	982.3	1680.5
-20°	192.8	217.1	240.9	263.5	285.1	308.2	332.9	371.5	478.2	789.1	1362.3



REPORT NUMBER: P558677 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-940-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°	187.5	210.9	234.1	255.9	277.9	300.7	324.4	355.3	418.5	566.8	1045.8
-25°	181.3	204.3	226.7	248.7	270.2	292.2	315.0	338.3	379.2	488.9	781.6
-27.5°	174.0	197.5	219.1	240.8	261.6	282.8	304.9	327.3	357.4	411.7	544.2
-30°	166.1	190.4	210.9	232.2	252.4	272.8	293.9	315.5	337.1	372.5	454.1
-32.5°	158.0	182.7	202.6	222.8	242.5	262.0	282.4	303.1	323.6	346.3	381.7
-35°	150.8	173.6	193.8	212.9	232.0	250.9	270.5	290.1	309.4	328.8	353.4
-37.5°	144.3	164.4	184.4	202.7	220.9	239.5	258.1	276.7	295.0	312.9	332.2
-40°	137.1	155.4	174.6	192.0	209.7	227.5	245.2	262.8	280.2	297.4	314.3
-42.5°	129.3	146.7	165.0	180.9	197.8	214.9	231.7	248.4	264.8	281.1	297.0
-45°	122.2	137.1	155.3	170.5	185.2	201.5	217.6	233.3	248.9	264.1	279.1
-47.5°	114.8	127.3	143.7	159.8	173.0	187.2	202.7	217.8	232.6	246.8	260.5
-50°	107.2	119.0	131.2	147.0	161.2	173.3	186.6	201.2	215.3	229.0	242.1
-52.5°	99.7	110.4	121.0	133.3	147.6	160.3	171.0	183.1	196.6	209.9	221.0
-55°	92.0	101.7	110.7	120.9	132.7	145.6	155.9	165.5	176.6	188.9	198.5
-57.5°	84.8	92.5	100.4	108.9	118.8	129.4	138.8	147.4	156.4	166.6	175.1
-60°	78.0	83.7	90.1	97.2	104.8	113.5	121.5	129.3	136.5	143.6	152.3
-62.5°	70.8	75.1	79.9	85.8	92.1	97.8	104.4	111.2	117.8	123.4	129.6
-65°	62.1	66.1	69.5	74.0	79.4	83.7	88.2	93.1	98.6	103.5	107.1
-67.5°	53.3	57.1	59.7	61.6	65.3	68.9	72.2	75.7	79.7	85.0	88.8
-70°	43.4	48.2	51.1	52.7	53.1	53.6	56.1	58.4	62.0	68.2	73.2
-72.5°	33.4	38.2	41.9	44.5	44.7	43.8	42.9	42.1	45.7	53.0	59.1
-75°	25.6	28.6	32.3	35.2	35.8	34.8	33.1	31.6	34.8	40.9	46.8
-77.5°	19.3	21.6	24.0	26.3	26.9	26.4	25.3	23.5	26.2	31.2	36.6
-80°	13.5	14.6	16.3	18.0	18.5	18.3	17.8	16.8	18.9	22.0	25.4
-82.5°	8.7	9.5	10.2	10.9	10.9	10.7	10.3	9.9	11.4	13.2	15.3
-85°	4.4	4.3	4.6	4.9	5.1	5.0	4.9	4.6	5.3	6.0	6.9
-87.5°	2.2	2.2	2.1	2.0	1.8	1.6	1.4	1.2	1.3	1.3	1.3
-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: P558677 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-940-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.5	1.3
85°	7.7	7.5	7.1	6.6	6.0	6.3	6.6	7.0	7.3	6.8	6.3
82.5°	17.4	17.6	17.6	17.5	17.4	18.2	18.9	19.5	20.1	18.6	16.8
80°	29.3	30.7	31.5	32.2	32.9	32.9	32.4	31.7	30.6	28.0	25.1
77.5°	42.3	44.5	45.6	46.7	47.8	48.2	48.5	48.8	49.1	44.5	38.7
75°	52.4	55.7	57.6	59.4	61.0	61.9	62.4	62.7	62.9	57.4	50.3
72.5°	64.0	67.2	69.5	71.6	73.7	75.0	75.7	76.3	76.7	72.0	65.2
70°	76.7	79.2	81.9	84.6	87.1	88.8	89.9	90.8	91.5	91.1	90.7
67.5°	91.7	93.9	97.2	99.8	102.4	104.3	106.2	107.7	108.9	110.1	111.6
65°	110.6	115.9	120.7	123.2	123.5	126.2	130.5	133.4	134.8	135.9	137.3
62.5°	136.8	143.2	146.7	150.8	156.1	161.0	162.9	165.5	168.5	172.2	176.4
60°	159.2	164.6	170.1	175.8	180.6	184.7	189.2	193.6	197.6	201.3	204.9
57.5°	182.2	188.1	193.7	200.3	205.0	207.7	212.0	217.3	221.4	224.6	229.4
55°	206.0	213.6	221.2	227.2	231.6	234.6	237.8	242.9	245.9	247.1	252.6
52.5°	229.9	238.9	248.3	255.4	260.1	264.4	268.4	272.8	275.9	277.4	282.9
50°	252.2	262.8	273.3	282.5	288.7	295.9	304.1	308.1	310.7	313.6	319.7
47.5°	273.3	285.2	296.4	306.7	315.7	323.8	330.8	337.6	347.6	355.5	363.4
45°	293.6	306.2	318.4	330.1	340.1	355.9	371.0	383.9	418.2	447.1	469.1
42.5°	312.6	328.0	341.7	361.1	382.2	418.8	475.4	527.7	629.1	759.6	868.5
40°	332.6	352.4	377.0	414.8	486.2	559.7	779.4	975.3	1167.8	1386.8	1574.4
37.5°	355.8	385.7	457.7	543.1	772.3	1025.8	1337.2	1642.8	1908.9	2136.7	2326.8
35°	386.6	479.1	613.5	924.6	1263.2	1678.9	2037.7	2325.2	2588.1	2799.1	2957.9
32.5°	477.3	646.5	1001.6	1429.5	1895.2	2296.8	2646.3	2921.6	3161.4	3350.5	3497.8
30°	610.1	999.0	1481.3	1993.7	2457.6	2841.0	3164.0	3426.3	3640.4	3832.8	3994.4
27.5°	925.8	1426.2	1993.0	2515.6	2937.6	3296.6	3586.3	3846.2	4082.2	4284.8	4475.8
25°	1271.2	1890.6	2462.3	2938.0	3331.8	3668.6	3974.2	4258.4	4522.7	4759.8	4982.0
22.5°	1685.9	2303.7	2850.1	3290.4	3672.0	4018.0	4342.5	4658.9	4966.5	5255.9	5524.6
20°	2061.4	2667.8	3144.2	3583.9	3980.4	4340.9	4698.6	5067.4	5422.3	5770.9	6094.6
17.5°	2354.1	2918.2	3396.5	3842.2	4245.7	4654.0	5063.4	5486.9	5915.1	6319.9	6707.1
15°	2598.5	3127.0	3611.8	4057.4	4501.1	4951.6	5409.0	5907.8	6417.2	6901.7	7395.2
12.5°	2771.7	3301.3	3792.8	4239.9	4737.4	5226.4	5758.8	6327.4	6915.6	7480.0	8086.2
10°	2911.0	3440.4	3927.7	4409.8	4936.3	5478.5	6075.6	6701.9	7403.8	8072.1	8725.2
7.5°	3030.5	3556.4	4036.1	4548.3	5101.8	5697.7	6347.2	7055.2	7814.8	8558.5	9336.0
5°	3117.9	3635.4	4120.4	4661.9	5229.0	5857.9	6556.6	7313.2	8127.8	8942.6	9711.5
2.5°	3164.2	3680.5	4172.7	4732.4	5303.7	5955.0	6682.7	7484.6	8345.0	9234.1	9992.2
0°	3163.1	3699.5	4192.8	4779.9	5358.5	5984.4	6736.9	7594.4	8433.8	9357.6	10135.9
-2.5°	3164.2	3680.5	4172.7	4732.4	5303.7	5955.0	6682.7	7484.6	8345.0	9234.1	9992.2
-5°	3117.9	3635.4	4120.4	4661.9	5229.0	5857.9	6556.6	7313.2	8127.8	8942.6	9711.5
-7.5°	3030.5	3556.4	4036.1	4548.3	5101.8	5697.7	6347.2	7055.2	7814.8	8558.5	9336.0
-10°	2911.0	3440.4	3927.7	4409.8	4936.3	5478.5	6075.6	6701.9	7403.8	8072.1	8725.2
-12.5°	2771.7	3301.3	3792.8	4239.9	4737.4	5226.4	5758.8	6327.4	6915.6	7480.0	8086.2
-15°	2598.5	3127.0	3611.8	4057.4	4501.1	4951.6	5409.0	5907.8	6417.2	6901.7	7395.2
-17.5°	2354.1	2918.2	3396.5	3842.2	4245.7	4654.0	5063.4	5486.9	5915.1	6319.9	6707.1
-20°	2061.4	2667.8	3144.2	3583.9	3980.4	4340.9	4698.6	5067.4	5422.3	5770.9	6094.6



REPORT NUMBER: P558677 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-940-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1685.9	2303.7	2850.1	3290.4	3672.0	4018.0	4342.5	4658.9	4966.5	5255.9	5524.6
-25°	1271.2	1890.6	2462.3	2938.0	3331.8	3668.6	3974.2	4258.4	4522.7	4759.8	4982.0
-27.5°	925.8	1426.2	1993.0	2515.6	2937.6	3296.6	3586.3	3846.2	4082.2	4284.8	4475.8
-30°	610.1	999.0	1481.3	1993.7	2457.6	2841.0	3164.0	3426.3	3640.4	3832.8	3994.4
-32.5°	477.3	646.5	1001.6	1429.5	1895.2	2296.8	2646.3	2921.6	3161.4	3350.5	3497.8
-35°	386.6	479.1	613.5	924.6	1263.2	1678.9	2037.7	2325.2	2588.1	2799.1	2957.9
-37.5°	355.8	385.7	457.7	543.1	772.3	1025.8	1337.2	1642.8	1908.9	2136.7	2326.8
-40°	332.6	352.4	377.0	414.8	486.2	559.7	779.4	975.3	1167.8	1386.8	1574.4
-42.5°	312.6	328.0	341.7	361.1	382.2	418.8	475.4	527.7	629.1	759.6	868.5
-45°	293.6	306.2	318.4	330.1	340.1	355.9	371.0	383.9	418.2	447.1	469.1
-47.5°	273.3	285.2	296.4	306.7	315.7	323.8	330.8	337.6	347.6	355.5	363.4
-50°	252.2	262.8	273.3	282.5	288.7	295.9	304.1	308.1	310.7	313.6	319.7
-52.5°	229.9	238.9	248.3	255.4	260.1	264.4	268.4	272.8	275.9	277.4	282.9
-55°	206.0	213.6	221.2	227.2	231.6	234.6	237.8	242.9	245.9	247.1	252.6
-57.5°	182.2	188.1	193.7	200.3	205.0	207.7	212.0	217.3	221.4	224.6	229.4
-60°	159.2	164.6	170.1	175.8	180.6	184.7	189.2	193.6	197.6	201.3	204.9
-62.5°	136.8	143.2	146.7	150.8	156.1	161.0	162.9	165.5	168.5	172.2	176.4
-65°	110.6	115.9	120.7	123.2	123.5	126.2	130.5	133.4	134.8	135.9	137.3
-67.5°	91.7	93.9	97.2	99.8	102.4	104.3	106.2	107.7	108.9	110.1	111.6
-70°	76.7	79.2	81.9	84.6	87.1	88.8	89.9	90.8	91.5	91.1	90.7
-72.5°	64.0	67.2	69.5	71.6	73.7	75.0	75.7	76.3	76.7	72.0	65.2
-75°	52.4	55.7	57.6	59.4	61.0	61.9	62.4	62.7	62.9	57.4	50.3
-77.5°	42.3	44.5	45.6	46.7	47.8	48.2	48.5	48.8	49.1	44.5	38.7
-80°	29.3	30.7	31.5	32.2	32.9	32.9	32.4	31.7	30.6	28.0	25.1
-82.5°	17.4	17.6	17.6	17.5	17.4	18.2	18.9	19.5	20.1	18.6	16.8
-85°	7.7	7.5	7.1	6.6	6.0	6.3	6.6	7.0	7.3	6.8	6.3
-87.5°	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.5	1.3
-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: P558677 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-940-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°	1.1	0.9	0.9	0.9	0.9	0.9	1.1	1.3	1.5	1.6	1.6
85°	5.8	5.2	5.2	5.2	5.2	5.2	5.8	6.3	6.8	7.3	7.0
82.5°	14.9	12.8	12.9	12.9	12.9	12.8	14.9	16.8	18.6	20.1	19.5
80°	22.1	18.9	19.3	19.8	19.3	18.9	22.1	25.1	28.0	30.6	31.7
77.5°	32.5	26.0	25.8	25.8	25.8	26.0	32.5	38.7	44.5	49.1	48.8
75°	43.1	35.6	35.2	35.3	35.2	35.6	43.1	50.3	57.4	62.9	62.7
72.5°	58.2	51.1	47.9	44.8	47.9	51.1	58.2	65.2	72.0	76.7	76.3
70°	90.7	90.9	87.8	83.5	87.8	90.9	90.7	90.7	91.1	91.5	90.8
67.5°	112.8	113.7	115.0	116.2	115.0	113.7	112.8	111.6	110.1	108.9	107.7
65°	137.9	137.9	138.4	138.6	138.4	137.9	137.9	137.3	135.9	134.8	133.4
62.5°	180.0	182.9	185.0	186.0	185.0	182.9	180.0	176.4	172.2	168.5	165.5
60°	207.9	210.3	213.6	217.0	213.6	210.3	207.9	204.9	201.3	197.6	193.6
57.5°	233.9	237.9	241.2	243.6	241.2	237.9	233.9	229.4	224.6	221.4	217.3
55°	258.0	262.6	267.1	271.2	267.1	262.6	258.0	252.6	247.1	245.9	242.9
52.5°	288.1	292.0	298.4	306.5	298.4	292.0	288.1	282.9	277.4	275.9	272.8
50°	326.7	332.5	340.6	350.4	340.6	332.5	326.7	319.7	313.6	310.7	308.1
47.5°	371.3	377.2	385.0	395.2	385.0	377.2	371.3	363.4	355.5	347.6	337.6
45°	489.3	503.0	515.6	529.5	515.6	503.0	489.3	469.1	447.1	418.2	383.9
42.5°	955.9	1016.3	1042.4	1027.1	1042.4	1016.3	955.9	868.5	759.6	629.1	527.7
40°	1717.5	1817.9	1876.9	1897.5	1876.9	1817.9	1717.5	1574.4	1386.8	1167.8	975.3
37.5°	2465.7	2558.1	2607.9	2613.8	2607.9	2558.1	2465.7	2326.8	2136.7	1908.9	1642.8
35°	3072.6	3148.7	3193.8	3227.7	3193.8	3148.7	3072.6	2957.9	2799.1	2588.1	2325.2
32.5°	3617.6	3704.4	3754.5	3743.4	3754.5	3704.4	3617.6	3497.8	3350.5	3161.4	2921.6
30°	4126.8	4221.7	4280.6	4282.3	4280.6	4221.7	4126.8	3994.4	3832.8	3640.4	3426.3
27.5°	4630.2	4736.7	4798.1	4846.2	4798.1	4736.7	4630.2	4475.8	4284.8	4082.2	3846.2
25°	5167.2	5300.0	5378.8	5426.5	5378.8	5300.0	5167.2	4982.0	4759.8	4522.7	4258.4
22.5°	5746.3	5910.7	6018.7	6063.6	6018.7	5910.7	5746.3	5524.6	5255.9	4966.5	4658.9
20°	6376.1	6579.9	6717.8	6713.6	6717.8	6579.9	6376.1	6094.6	5770.9	5422.3	5067.4
17.5°	7078.9	7341.7	7519.5	7545.3	7519.5	7341.7	7078.9	6707.1	6319.9	5915.1	5486.9
15°	7832.3	8171.2	8401.2	8472.5	8401.2	8171.2	7832.3	7395.2	6901.7	6417.2	5907.8
12.5°	8604.4	9007.5	9314.2	9416.1	9314.2	9007.5	8604.4	8086.2	7480.0	6915.6	6327.4
10°	9340.1	9786.5	10119.4	10266.7	10119.4	9786.5	9340.1	8725.2	8072.1	7403.8	6701.9
7.5°	9955.0	10408.6	10751.5	10872.8	10751.5	10408.6	9955.0	9336.0	8558.5	7814.8	7055.2
5°	10360.2	10855.8	11122.4	11272.3	11122.4	10855.8	10360.2	9711.5	8942.6	8127.8	7313.2
2.5°	10630.9	11051.1	11321.1	11459.1	11321.1	11051.1	10630.9	9992.2	9234.1	8345.0	7484.6
0°	10774.7	11202.6	11400.6	11467.7	11400.6	11202.6	10774.7	10135.9	9357.6	8433.8	7594.4
-2.5°	10630.9	11051.1	11321.1	11459.1	11321.1	11051.1	10630.9	9992.2	9234.1	8345.0	7484.6
-5°	10360.2	10855.8	11122.4	11272.3	11122.4	10855.8	10360.2	9711.5	8942.6	8127.8	7313.2
-7.5°	9955.0	10408.6	10751.5	10872.8	10751.5	10408.6	9955.0	9336.0	8558.5	7814.8	7055.2
-10°	9340.1	9786.5	10119.4	10266.7	10119.4	9786.5	9340.1	8725.2	8072.1	7403.8	6701.9
-12.5°	8604.4	9007.5	9314.2	9416.1	9314.2	9007.5	8604.4	8086.2	7480.0	6915.6	6327.4
-15°	7832.3	8171.2	8401.2	8472.5	8401.2	8171.2	7832.3	7395.2	6901.7	6417.2	5907.8
-17.5°	7078.9	7341.7	7519.5	7545.3	7519.5	7341.7	7078.9	6707.1	6319.9	5915.1	5486.9
-20°	6376.1	6579.9	6717.8	6713.6	6717.8	6579.9	6376.1	6094.6	5770.9	5422.3	5067.4



REPORT NUMBER: P558677 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-940-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°	5746.3	5910.7	6018.7	6063.6	6018.7	5910.7	5746.3	5524.6	5255.9	4966.5	4658.9
-25°	5167.2	5300.0	5378.8	5426.5	5378.8	5300.0	5167.2	4982.0	4759.8	4522.7	4258.4
-27.5°	4630.2	4736.7	4798.1	4846.2	4798.1	4736.7	4630.2	4475.8	4284.8	4082.2	3846.2
-30°	4126.8	4221.7	4280.6	4282.3	4280.6	4221.7	4126.8	3994.4	3832.8	3640.4	3426.3
-32.5°	3617.6	3704.4	3754.5	3743.4	3754.5	3704.4	3617.6	3497.8	3350.5	3161.4	2921.6
-35°	3072.6	3148.7	3193.8	3227.7	3193.8	3148.7	3072.6	2957.9	2799.1	2588.1	2325.2
-37.5°	2465.7	2558.1	2607.9	2613.8	2607.9	2558.1	2465.7	2326.8	2136.7	1908.9	1642.8
-40°	1717.5	1817.9	1876.9	1897.5	1876.9	1817.9	1717.5	1574.4	1386.8	1167.8	975.3
-42.5°	955.9	1016.3	1042.4	1027.1	1042.4	1016.3	955.9	868.5	759.6	629.1	527.7
-45°	489.3	503.0	515.6	529.5	515.6	503.0	489.3	469.1	447.1	418.2	383.9
-47.5°	371.3	377.2	385.0	395.2	385.0	377.2	371.3	363.4	355.5	347.6	337.6
-50°	326.7	332.5	340.6	350.4	340.6	332.5	326.7	319.7	313.6	310.7	308.1
-52.5°	288.1	292.0	298.4	306.5	298.4	292.0	288.1	282.9	277.4	275.9	272.8
-55°	258.0	262.6	267.1	271.2	267.1	262.6	258.0	252.6	247.1	245.9	242.9
-57.5°	233.9	237.9	241.2	243.6	241.2	237.9	233.9	229.4	224.6	221.4	217.3
-60°	207.9	210.3	213.6	217.0	213.6	210.3	207.9	204.9	201.3	197.6	193.6
-62.5°	180.0	182.9	185.0	186.0	185.0	182.9	180.0	176.4	172.2	168.5	165.5
-65°	137.9	137.9	138.4	138.6	138.4	137.9	137.9	137.3	135.9	134.8	133.4
-67.5°	112.8	113.7	115.0	116.2	115.0	113.7	112.8	111.6	110.1	108.9	107.7
-70°	90.7	90.9	87.8	83.5	87.8	90.9	90.7	90.7	91.1	91.5	90.8
-72.5°	58.2	51.1	47.9	44.8	47.9	51.1	58.2	65.2	72.0	76.7	76.3
-75°	43.1	35.6	35.2	35.3	35.2	35.6	43.1	50.3	57.4	62.9	62.7
-77.5°	32.5	26.0	25.8	25.8	25.8	26.0	32.5	38.7	44.5	49.1	48.8
-80°	22.1	18.9	19.3	19.8	19.3	18.9	22.1	25.1	28.0	30.6	31.7
-82.5°	14.9	12.8	12.9	12.9	12.9	12.8	14.9	16.8	18.6	20.1	19.5
-85°	5.8	5.2	5.2	5.2	5.2	5.2	5.8	6.3	6.8	7.3	7.0
-87.5°	1.1	0.9	0.9	0.9	0.9	0.9	1.1	1.3	1.5	1.6	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: P558677 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-940-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°	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2
85°	6.6	6.3	6.0	6.6	7.1	7.5	7.7	6.9	6.0	5.3	4.6
82.5°	18.9	18.2	17.4	17.5	17.6	17.6	17.4	15.3	13.2	11.4	9.9
80°	32.4	32.9	32.9	32.2	31.5	30.7	29.3	25.4	22.0	18.9	16.8
77.5°	48.5	48.2	47.8	46.7	45.6	44.5	42.3	36.6	31.2	26.2	23.5
75°	62.4	61.9	61.0	59.4	57.6	55.7	52.4	46.8	40.9	34.8	31.6
72.5°	75.7	75.0	73.7	71.6	69.5	67.2	64.0	59.1	53.0	45.7	42.1
70°	89.9	88.8	87.1	84.6	81.9	79.2	76.7	73.2	68.2	62.0	58.4
67.5°	106.2	104.3	102.4	99.8	97.2	93.9	91.7	88.8	85.0	79.7	75.7
65°	130.5	126.2	123.5	123.2	120.7	115.9	110.6	107.1	103.5	98.6	93.1
62.5°	162.9	161.0	156.1	150.8	146.7	143.2	136.8	129.6	123.4	117.8	111.2
60°	189.2	184.7	180.6	175.8	170.1	164.6	159.2	152.3	143.6	136.5	129.3
57.5°	212.0	207.7	205.0	200.3	193.7	188.1	182.2	175.1	166.6	156.4	147.4
55°	237.8	234.6	231.6	227.2	221.2	213.6	206.0	198.5	188.9	176.6	165.5
52.5°	268.4	264.4	260.1	255.4	248.3	238.9	229.9	221.0	209.9	196.6	183.1
50°	304.1	295.9	288.7	282.5	273.3	262.8	252.2	242.1	229.0	215.3	201.2
47.5°	330.8	323.8	315.7	306.7	296.4	285.2	273.3	260.5	246.8	232.6	217.8
45°	371.0	355.9	340.1	330.1	318.4	306.2	293.6	279.1	264.1	248.9	233.3
42.5°	475.4	418.8	382.2	361.1	341.7	328.0	312.6	297.0	281.1	264.8	248.4
40°	779.4	559.7	486.2	414.8	377.0	352.4	332.6	314.3	297.4	280.2	262.8
37.5°	1337.2	1025.8	772.3	543.1	457.7	385.7	355.8	332.2	312.9	295.0	276.7
35°	2037.7	1678.9	1263.2	924.6	613.5	479.1	386.6	353.4	328.8	309.4	290.1
32.5°	2646.3	2296.8	1895.2	1429.5	1001.6	646.5	477.3	381.7	346.3	323.6	303.1
30°	3164.0	2841.0	2457.6	1993.7	1481.3	999.0	610.1	454.1	372.5	337.1	315.5
27.5°	3586.3	3296.6	2937.6	2515.6	1993.0	1426.2	925.8	544.2	411.7	357.4	327.3
25°	3974.2	3668.6	3331.8	2938.0	2462.3	1890.6	1271.2	781.6	488.9	379.2	338.3
22.5°	4342.5	4018.0	3672.0	3290.4	2850.1	2303.7	1685.9	1045.8	566.8	418.5	355.3
20°	4698.6	4340.9	3980.4	3583.9	3144.2	2667.8	2061.4	1362.3	789.1	478.2	371.5
17.5°	5063.4	4654.0	4245.7	3842.2	3396.5	2918.2	2354.1	1680.5	982.3	531.9	385.5
15°	5409.0	4951.6	4501.1	4057.4	3611.8	3127.0	2598.5	1964.0	1174.2	640.6	425.3
12.5°	5758.8	5226.4	4737.4	4239.9	3792.8	3301.3	2771.7	2157.4	1399.2	773.7	464.7
10°	6075.6	5478.5	4936.3	4409.8	3927.7	3440.4	2911.0	2312.9	1584.2	883.1	497.1
7.5°	6347.2	5697.7	5101.8	4548.3	4036.1	3556.4	3030.5	2437.0	1723.6	967.7	522.4
5°	6556.6	5857.9	5229.0	4661.9	4120.4	3635.4	3117.9	2527.3	1817.6	1027.1	540.6
2.5°	6682.7	5955.0	5303.7	4732.4	4172.7	3680.5	3164.2	2585.1	1877.4	1065.4	554.0
0°	6736.9	5984.4	5358.5	4779.9	4192.8	3699.5	3163.1	2606.9	1899.2	1079.6	560.5
-2.5°	6682.7	5955.0	5303.7	4732.4	4172.7	3680.5	3164.2	2585.1	1877.4	1065.4	554.0
-5°	6556.6	5857.9	5229.0	4661.9	4120.4	3635.4	3117.9	2527.3	1817.6	1027.1	540.6
-7.5°	6347.2	5697.7	5101.8	4548.3	4036.1	3556.4	3030.5	2437.0	1723.6	967.7	522.4
-10°	6075.6	5478.5	4936.3	4409.8	3927.7	3440.4	2911.0	2312.9	1584.2	883.1	497.1
-12.5°	5758.8	5226.4	4737.4	4239.9	3792.8	3301.3	2771.7	2157.4	1399.2	773.7	464.7
-15°	5409.0	4951.6	4501.1	4057.4	3611.8	3127.0	2598.5	1964.0	1174.2	640.6	425.3
-17.5°	5063.4	4654.0	4245.7	3842.2	3396.5	2918.2	2354.1	1680.5	982.3	531.9	385.5
-20°	4698.6	4340.9	3980.4	3583.9	3144.2	2667.8	2061.4	1362.3	789.1	478.2	371.5



REPORT NUMBER: P558677 (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°
-22.5°	4342.5	4018.0	3672.0	3290.4	2850.1	2303.7	1685.9	1045.8	566.8	418.5	355.3
-25°	3974.2	3668.6	3331.8	2938.0	2462.3	1890.6	1271.2	781.6	488.9	379.2	338.3
-27.5°	3586.3	3296.6	2937.6	2515.6	1993.0	1426.2	925.8	544.2	411.7	357.4	327.3
-30°	3164.0	2841.0	2457.6	1993.7	1481.3	999.0	610.1	454.1	372.5	337.1	315.5
-32.5°	2646.3	2296.8	1895.2	1429.5	1001.6	646.5	477.3	381.7	346.3	323.6	303.1
-35°	2037.7	1678.9	1263.2	924.6	613.5	479.1	386.6	353.4	328.8	309.4	290.1
-37.5°	1337.2	1025.8	772.3	543.1	457.7	385.7	355.8	332.2	312.9	295.0	276.7
-40°	779.4	559.7	486.2	414.8	377.0	352.4	332.6	314.3	297.4	280.2	262.8
-42.5°	475.4	418.8	382.2	361.1	341.7	328.0	312.6	297.0	281.1	264.8	248.4
-45°	371.0	355.9	340.1	330.1	318.4	306.2	293.6	279.1	264.1	248.9	233.3
-47.5°	330.8	323.8	315.7	306.7	296.4	285.2	273.3	260.5	246.8	232.6	217.8
-50°	304.1	295.9	288.7	282.5	273.3	262.8	252.2	242.1	229.0	215.3	201.2
-52.5°	268.4	264.4	260.1	255.4	248.3	238.9	229.9	221.0	209.9	196.6	183.1
-55°	237.8	234.6	231.6	227.2	221.2	213.6	206.0	198.5	188.9	176.6	165.5
-57.5°	212.0	207.7	205.0	200.3	193.7	188.1	182.2	175.1	166.6	156.4	147.4
-60°	189.2	184.7	180.6	175.8	170.1	164.6	159.2	152.3	143.6	136.5	129.3
-62.5°	162.9	161.0	156.1	150.8	146.7	143.2	136.8	129.6	123.4	117.8	111.2
-65°	130.5	126.2	123.5	123.2	120.7	115.9	110.6	107.1	103.5	98.6	93.1
-67.5°	106.2	104.3	102.4	99.8	97.2	93.9	91.7	88.8	85.0	79.7	75.7
-70°	89.9	88.8	87.1	84.6	81.9	79.2	76.7	73.2	68.2	62.0	58.4
-72.5°	75.7	75.0	73.7	71.6	69.5	67.2	64.0	59.1	53.0	45.7	42.1
-75°	62.4	61.9	61.0	59.4	57.6	55.7	52.4	46.8	40.9	34.8	31.6
-77.5°	48.5	48.2	47.8	46.7	45.6	44.5	42.3	36.6	31.2	26.2	23.5
-80°	32.4	32.9	32.9	32.2	31.5	30.7	29.3	25.4	22.0	18.9	16.8
-82.5°	18.9	18.2	17.4	17.5	17.6	17.6	17.4	15.3	13.2	11.4	9.9
-85°	6.6	6.3	6.0	6.6	7.1	7.5	7.7	6.9	6.0	5.3	4.6
-87.5°	1.6	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.2
-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: P558677 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-940-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.4	1.6	1.8	2.0	2.1	2.2	2.2	2.2	2.1	1.9	1.7
85°	4.9	5.0	5.1	4.9	4.6	4.3	4.4	4.4	4.1	3.8	3.5
82.5°	10.3	10.7	10.9	10.9	10.2	9.5	8.7	8.0	7.1	5.9	5.2
80°	17.8	18.3	18.5	18.0	16.3	14.6	13.5	12.4	11.5	10.2	8.5
77.5°	25.3	26.4	26.9	26.3	24.0	21.6	19.3	17.2	15.9	14.5	12.6
75°	33.1	34.8	35.8	35.2	32.3	28.6	25.6	23.1	21.3	18.9	16.7
72.5°	42.9	43.8	44.7	44.5	41.9	38.2	33.4	29.1	27.1	24.4	21.1
70°	56.1	53.6	53.1	52.7	51.1	48.2	43.4	37.7	33.0	29.9	26.2
67.5°	72.2	68.9	65.3	61.6	59.7	57.1	53.3	46.6	40.4	35.5	31.3
65°	88.2	83.7	79.4	74.0	69.5	66.1	62.1	55.0	47.5	41.3	36.4
62.5°	104.4	97.8	92.1	85.8	79.9	75.1	70.8	62.8	54.4	46.9	41.0
60°	121.5	113.5	104.8	97.2	90.1	83.7	78.0	70.4	61.3	52.1	45.3
57.5°	138.8	129.4	118.8	108.9	100.4	92.5	84.8	77.1	68.1	58.0	49.1
55°	155.9	145.6	132.7	120.9	110.7	101.7	92.0	83.2	74.6	64.0	51.8
52.5°	171.0	160.3	147.6	133.3	121.0	110.4	99.7	89.3	80.1	69.9	55.5
50°	186.6	173.3	161.2	147.0	131.2	119.0	107.2	96.0	85.4	75.3	59.0
47.5°	202.7	187.2	173.0	159.8	143.7	127.3	114.8	102.5	90.7	79.9	62.0
45°	217.6	201.5	185.2	170.5	155.3	137.1	122.2	108.8	96.3	82.3	64.6
42.5°	231.7	214.9	197.8	180.9	165.0	146.7	129.3	115.2	101.7	84.2	66.5
40°	245.2	227.5	209.7	192.0	174.6	155.4	137.1	121.4	106.4	85.8	67.7
37.5°	258.1	239.5	220.9	202.7	184.4	164.4	144.3	127.4	108.8	87.6	68.5
35°	270.5	250.9	232.0	212.9	193.8	173.6	150.8	133.1	112.3	89.0	69.0
32.5°	282.4	262.0	242.5	222.8	202.6	182.7	158.0	138.3	116.5	90.2	69.2
30°	293.9	272.8	252.4	232.2	210.9	190.4	166.1	143.4	121.4	91.1	69.2
27.5°	304.9	282.8	261.6	240.8	219.1	197.5	174.0	148.4	127.0	92.9	69.6
25°	315.0	292.2	270.2	248.7	226.7	204.3	181.3	153.3	131.6	96.6	69.8
22.5°	324.4	300.7	277.9	255.9	234.1	210.9	187.5	159.4	135.4	100.5	69.7
20°	332.9	308.2	285.1	263.5	240.9	217.1	192.8	164.9	139.0	104.5	69.3
17.5°	341.4	316.1	293.4	270.7	247.1	222.8	197.7	169.8	142.3	108.4	68.7
15°	354.9	324.6	301.1	277.5	252.9	227.8	202.2	174.1	145.3	112.2	68.4
12.5°	367.0	332.2	307.9	283.8	258.2	232.3	206.3	177.8	147.9	114.8	68.7
10°	377.2	338.9	313.9	289.5	262.9	236.1	209.8	181.0	150.1	115.9	68.6
7.5°	385.5	344.6	319.1	294.5	267.2	239.8	213.1	183.6	152.3	116.0	68.0
5°	392.7	350.8	325.6	300.1	272.4	243.4	215.9	185.6	154.2	115.2	67.2
2.5°	400.8	358.4	332.8	305.0	277.0	246.4	218.0	187.0	155.8	113.5	66.0
0°	407.2	365.0	339.2	309.1	280.7	248.8	219.5	187.7	156.7	111.1	64.6
-2.5°	400.8	358.4	332.8	305.0	277.0	246.4	218.0	187.0	155.8	113.5	66.0
-5°	392.7	350.8	325.6	300.1	272.4	243.4	215.9	185.6	154.2	115.2	67.2
-7.5°	385.5	344.6	319.1	294.5	267.2	239.8	213.1	183.6	152.3	116.0	68.0
-10°	377.2	338.9	313.9	289.5	262.9	236.1	209.8	181.0	150.1	115.9	68.6
-12.5°	367.0	332.2	307.9	283.8	258.2	232.3	206.3	177.8	147.9	114.8	68.7
-15°	354.9	324.6	301.1	277.5	252.9	227.8	202.2	174.1	145.3	112.2	68.4
-17.5°	341.4	316.1	293.4	270.7	247.1	222.8	197.7	169.8	142.3	108.4	68.7
-20°	332.9	308.2	285.1	263.5	240.9	217.1	192.8	164.9	139.0	104.5	69.3



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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°	324.4	300.7	277.9	255.9	234.1	210.9	187.5	159.4	135.4	100.5	69.7
-25°	315.0	292.2	270.2	248.7	226.7	204.3	181.3	153.3	131.6	96.6	69.8
-27.5°	304.9	282.8	261.6	240.8	219.1	197.5	174.0	148.4	127.0	92.9	69.6
-30°	293.9	272.8	252.4	232.2	210.9	190.4	166.1	143.4	121.4	91.1	69.2
-32.5°	282.4	262.0	242.5	222.8	202.6	182.7	158.0	138.3	116.5	90.2	69.2
-35°	270.5	250.9	232.0	212.9	193.8	173.6	150.8	133.1	112.3	89.0	69.0
-37.5°	258.1	239.5	220.9	202.7	184.4	164.4	144.3	127.4	108.8	87.6	68.5
-40°	245.2	227.5	209.7	192.0	174.6	155.4	137.1	121.4	106.4	85.8	67.7
-42.5°	231.7	214.9	197.8	180.9	165.0	146.7	129.3	115.2	101.7	84.2	66.5
-45°	217.6	201.5	185.2	170.5	155.3	137.1	122.2	108.8	96.3	82.3	64.6
-47.5°	202.7	187.2	173.0	159.8	143.7	127.3	114.8	102.5	90.7	79.9	62.0
-50°	186.6	173.3	161.2	147.0	131.2	119.0	107.2	96.0	85.4	75.3	59.0
-52.5°	171.0	160.3	147.6	133.3	121.0	110.4	99.7	89.3	80.1	69.9	55.5
-55°	155.9	145.6	132.7	120.9	110.7	101.7	92.0	83.2	74.6	64.0	51.8
-57.5°	138.8	129.4	118.8	108.9	100.4	92.5	84.8	77.1	68.1	58.0	49.1
-60°	121.5	113.5	104.8	97.2	90.1	83.7	78.0	70.4	61.3	52.1	45.3
-62.5°	104.4	97.8	92.1	85.8	79.9	75.1	70.8	62.8	54.4	46.9	41.0
-65°	88.2	83.7	79.4	74.0	69.5	66.1	62.1	55.0	47.5	41.3	36.4
-67.5°	72.2	68.9	65.3	61.6	59.7	57.1	53.3	46.6	40.4	35.5	31.3
-70°	56.1	53.6	53.1	52.7	51.1	48.2	43.4	37.7	33.0	29.9	26.2
-72.5°	42.9	43.8	44.7	44.5	41.9	38.2	33.4	29.1	27.1	24.4	21.1
-75°	33.1	34.8	35.8	35.2	32.3	28.6	25.6	23.1	21.3	18.9	16.7
-77.5°	25.3	26.4	26.9	26.3	24.0	21.6	19.3	17.2	15.9	14.5	12.6
-80°	17.8	18.3	18.5	18.0	16.3	14.6	13.5	12.4	11.5	10.2	8.5
-82.5°	10.3	10.7	10.9	10.9	10.2	9.5	8.7	8.0	7.1	5.9	5.2
-85°	4.9	5.0	5.1	4.9	4.6	4.3	4.4	4.4	4.1	3.8	3.5
-87.5°	1.4	1.6	1.8	2.0	2.1	2.2	2.2	2.2	2.1	1.9	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



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.6	1.2	0.9	0.6	0.4	0.2	0.0
85°	3.1	2.4	1.8	1.2	0.7	0.4	0.0
82.5°	4.6	3.6	2.7	1.8	1.1	0.6	0.0
80°	6.4	4.8	3.5	2.4	1.5	0.7	0.0
77.5°	10.1	6.5	4.4	3.0	1.9	0.9	0.0
75°	13.7	9.3	5.5	3.6	2.2	1.1	0.0
72.5°	17.2	12.1	7.5	4.2	2.6	1.3	0.0
70°	20.7	14.7	9.5	4.9	2.9	1.5	0.0
67.5°	24.8	17.3	11.4	6.2	3.3	1.6	0.0
65°	28.7	20.1	13.3	7.5	3.6	1.8	0.0
62.5°	32.4	23.0	15.0	8.8	4.0	2.0	0.0
60°	35.9	25.7	16.8	10.0	4.3	2.1	0.0
57.5°	38.4	28.3	18.7	11.2	5.0	2.3	0.0
55°	40.4	30.8	20.6	12.3	5.8	2.5	0.0
52.5°	42.2	32.9	22.3	13.3	6.5	2.6	0.0
50°	43.6	34.0	24.0	14.3	7.2	2.8	0.0
47.5°	45.0	34.8	25.5	15.2	7.8	2.9	0.0
45°	47.1	35.5	26.8	16.2	8.5	3.0	0.0
42.5°	49.0	35.9	28.1	17.2	9.1	3.2	0.0
40°	50.5	36.1	28.8	18.2	9.6	3.3	0.0
37.5°	51.7	36.1	28.8	19.2	10.2	3.4	0.0
35°	52.5	36.5	28.8	20.2	10.7	3.5	0.0
32.5°	52.9	37.1	28.6	21.2	11.1	3.6	0.0
30°	52.9	37.4	28.3	22.1	11.5	3.7	0.0
27.5°	52.6	37.5	28.6	23.0	11.9	3.8	0.0
25°	52.0	37.4	29.0	23.9	12.3	3.9	0.0
22.5°	51.2	37.5	29.2	24.7	12.6	4.0	0.0
20°	50.1	38.5	29.5	25.5	12.9	4.0	0.0
17.5°	50.2	39.4	29.7	26.2	13.1	4.1	0.0
15°	50.9	40.1	29.8	26.8	13.3	4.2	0.0
12.5°	51.5	40.7	29.9	27.4	13.5	4.2	0.0
10°	52.0	41.3	30.0	27.9	13.6	4.2	0.0
7.5°	52.3	41.7	30.0	28.4	13.7	4.3	0.0
5°	52.5	42.0	30.1	28.8	13.8	4.3	0.0
2.5°	52.6	42.1	30.1	29.1	13.8	4.3	0.0
0°	52.5	42.2	30.1	29.3	13.8	4.3	0.0
-2.5°	52.6	42.1	30.1	29.1	13.8	4.3	0.0
-5°	52.5	42.0	30.1	28.8	13.8	4.3	0.0
-7.5°	52.3	41.7	30.0	28.4	13.7	4.3	0.0
-10°	52.0	41.3	30.0	27.9	13.6	4.2	0.0
-12.5°	51.5	40.7	29.9	27.4	13.5	4.2	0.0
-15°	50.9	40.1	29.8	26.8	13.3	4.2	0.0
-17.5°	50.2	39.4	29.7	26.2	13.1	4.1	0.0
-20°	50.1	38.5	29.5	25.5	12.9	4.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	51.2	37.5	29.2	24.7	12.6	4.0	0.0
-25°	52.0	37.4	29.0	23.9	12.3	3.9	0.0
-27.5°	52.6	37.5	28.6	23.0	11.9	3.8	0.0
-30°	52.9	37.4	28.3	22.1	11.5	3.7	0.0
-32.5°	52.9	37.1	28.6	21.2	11.1	3.6	0.0
-35°	52.5	36.5	28.8	20.2	10.7	3.5	0.0
-37.5°	51.7	36.1	28.8	19.2	10.2	3.4	0.0
-40°	50.5	36.1	28.8	18.2	9.6	3.3	0.0
-42.5°	49.0	35.9	28.1	17.2	9.1	3.2	0.0
-45°	47.1	35.5	26.8	16.2	8.5	3.0	0.0
-47.5°	45.0	34.8	25.5	15.2	7.8	2.9	0.0
-50°	43.6	34.0	24.0	14.3	7.2	2.8	0.0
-52.5°	42.2	32.9	22.3	13.3	6.5	2.6	0.0
-55°	40.4	30.8	20.6	12.3	5.8	2.5	0.0
-57.5°	38.4	28.3	18.7	11.2	5.0	2.3	0.0
-60°	35.9	25.7	16.8	10.0	4.3	2.1	0.0
-62.5°	32.4	23.0	15.0	8.8	4.0	2.0	0.0
-65°	28.7	20.1	13.3	7.5	3.6	1.8	0.0
-67.5°	24.8	17.3	11.4	6.2	3.3	1.6	0.0
-70°	20.7	14.7	9.5	4.9	2.9	1.5	0.0
-72.5°	17.2	12.1	7.5	4.2	2.6	1.3	0.0
-75°	13.7	9.3	5.5	3.6	2.2	1.1	0.0
-77.5°	10.1	6.5	4.4	3.0	1.9	0.9	0.0
-80°	6.4	4.8	3.5	2.4	1.5	0.7	0.0
-82.5°	4.6	3.6	2.7	1.8	1.1	0.6	0.0
-85°	3.1	2.4	1.8	1.2	0.7	0.4	0.0
-87.5°	1.6	1.2	0.9	0.6	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)