

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: P558845 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-927-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558845 (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-SA3E-927-U-MWR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (48) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

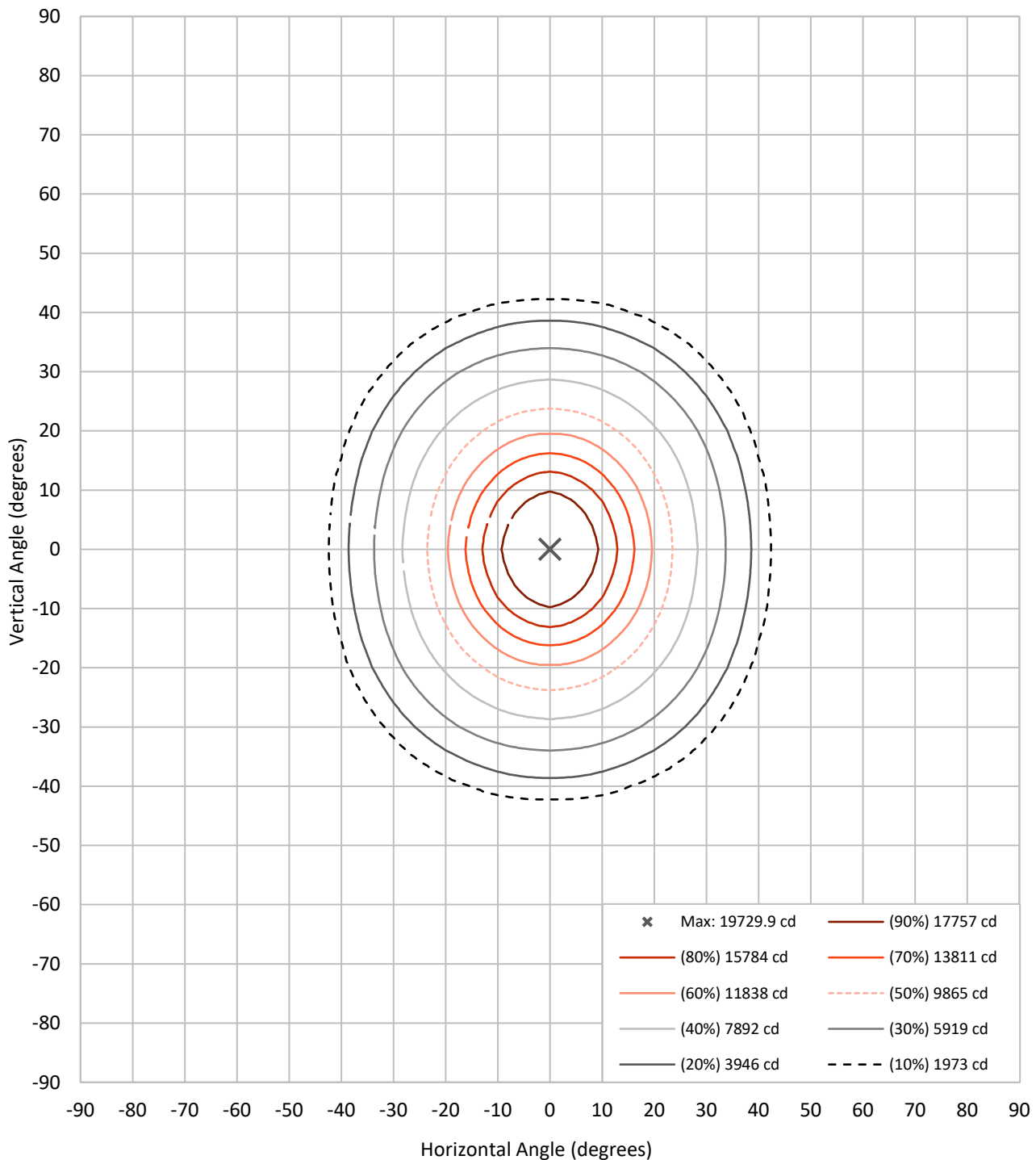
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	15358.6 lumens	Max Intensity:	19729.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	84.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	7247.2 lumens	Field Lumens:	13945.6 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 182
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: P558845 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3E-927-U-MWR-XX

Iso-Candela Plot





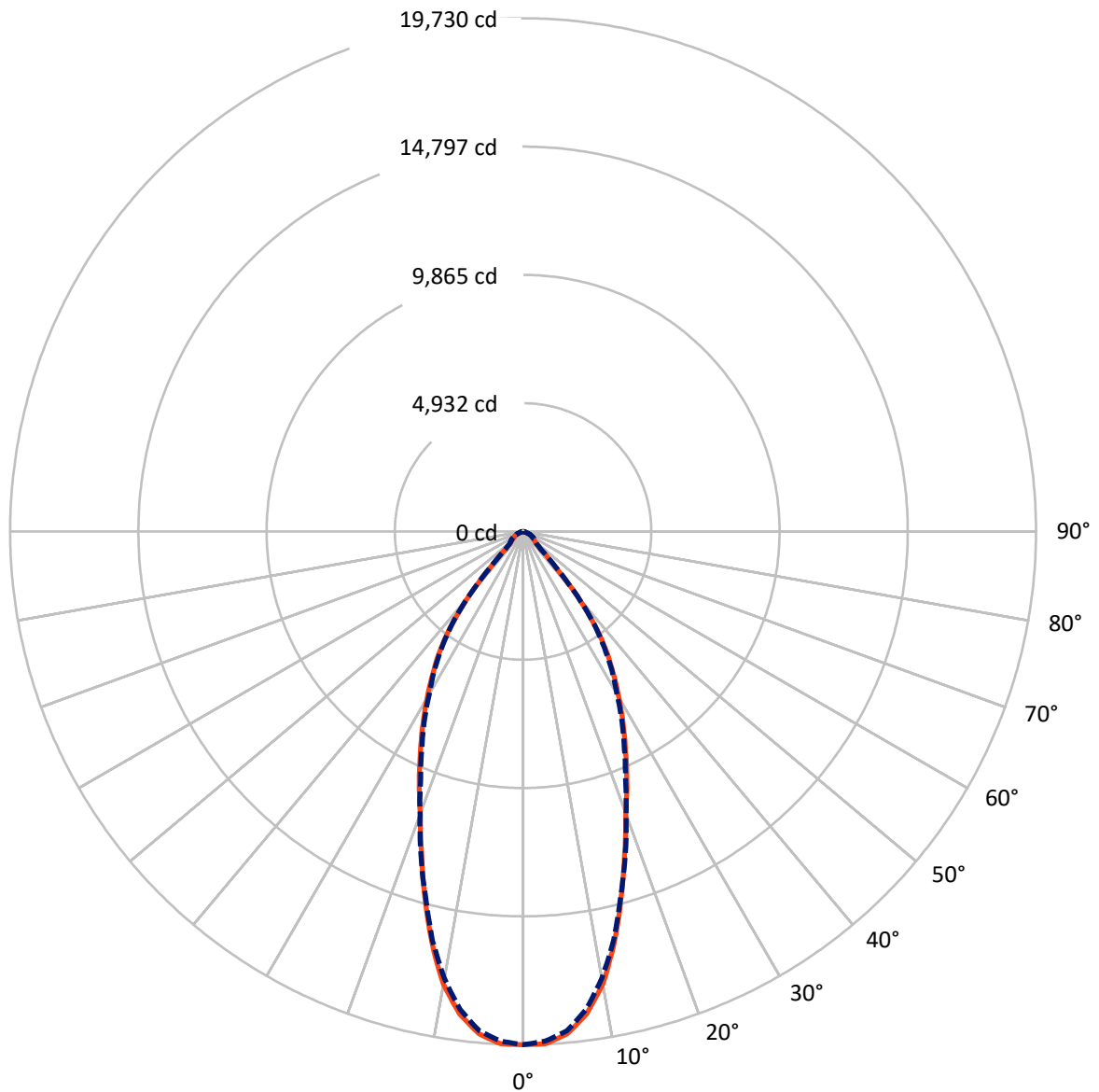
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Lumen Table

90																
80	0.3	1.9		4.2		6.9		5.4		6.9		4.2		1.9		0.3
70																
60	1.1	1.2	2.2	3.5	4.9	6.1	7.0	7.6	7.6	7.0	6.1	4.9	3.5	2.2	1.2	1.1
50		1.9	3.7	6.2	8.8	11.0	12.6	13.9	13.9	12.6	11.0	8.8	6.2	3.7	1.9	
40	1.6	2.4	5.1	8.6	12.6	17.2	27.3	38.2	38.2	27.3	17.2	12.6	8.6	5.1	2.4	1.6
30		3.0	6.4	10.8	20.2	64.7	126.0	160.6	160.6	126.0	64.7	20.2	10.8	6.4	3.0	
20	1.8	3.5	7.5	13.5	59.2	154.6	228.2	276.3	276.3	228.2	154.6	59.2	13.5	7.5	3.5	1.8
10		3.9	8.4	20.7	107.6	213.4	324.3	422.1	422.1	324.3	213.4	107.6	20.7	8.4	3.9	
0	1.9	4.1	9.0	28.5	131.1	249.0	407.9	551.6	551.6	407.9	249.0	131.1	28.5	9.0	4.1	1.9
-10		4.1	9.0	28.5	131.1	249.0	407.9	551.6	551.6	407.9	249.0	131.1	28.5	9.0	4.1	
-20	1.8	3.9	8.4	20.7	107.6	213.4	324.3	422.1	422.1	324.3	213.4	107.6	20.7	8.4	3.9	1.8
-30		3.5	7.5	13.5	59.2	154.6	228.2	276.3	276.3	228.2	154.6	59.2	13.5	7.5	3.5	
-40	1.6	3.0	6.4	10.8	20.2	64.7	126.0	160.6	160.6	126.0	64.7	20.2	10.8	6.4	3.0	1.6
-50		2.4	5.1	8.6	12.6	17.2	27.3	38.2	38.2	27.3	17.2	12.6	8.6	5.1	2.4	
-60	1.1	1.9	3.7	6.2	8.8	11.0	12.6	13.9	13.9	12.6	11.0	8.8	6.2	3.7	1.9	1.1
-70		1.2	2.2	3.5	4.9	6.1	7.0	7.6	7.6	7.0	6.1	4.9	3.5	2.2	1.2	
-80																
-90	0.3	1.9		4.2		6.9		5.4		6.9		4.2		1.9		0.3

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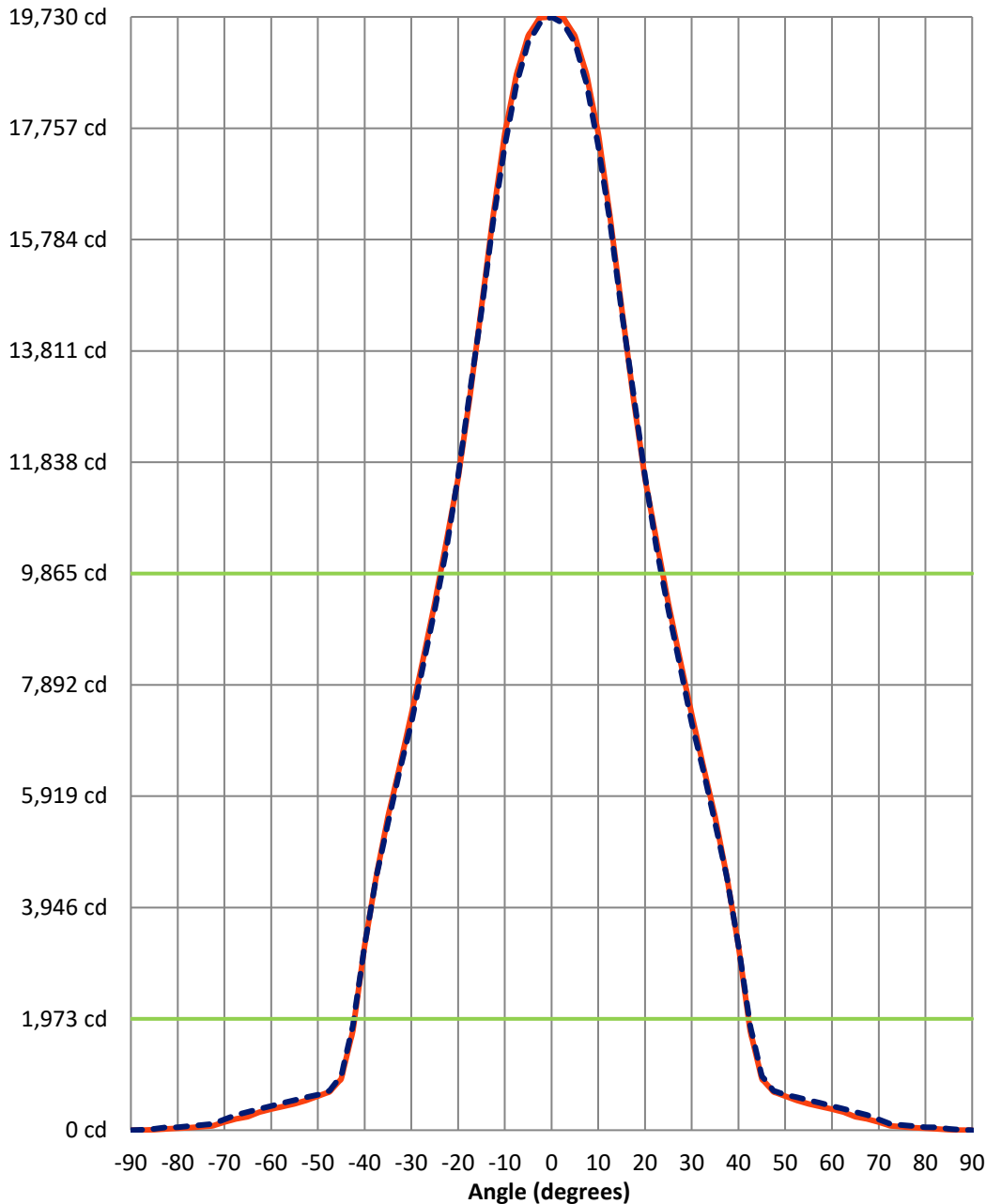
Luminous Intensity Polar Plot



— 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: 7247.2
 Efficiency: 47.2%

Field:
 H Angle: 84.6°
 V Angle: 84.3°
 Lumens: 13945.6
 Efficiency: 90.8%

Spill:
 Lumens: 1413
 Efficiency: 9.2%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.3	0.6	1.1	1.5	2.1	2.7	3.0	3.3	3.5	3.8
85°	0.0	0.6	1.3	2.1	3.1	4.2	5.4	6.0	6.6	7.1	7.5
82.5°	0.0	1.0	1.9	3.2	4.6	6.2	8.0	9.0	10.2	12.2	13.7
80°	0.0	1.3	2.6	4.2	6.1	8.3	11.1	14.7	17.5	19.7	21.3
77.5°	0.0	1.6	3.2	5.2	7.6	11.3	17.4	21.7	24.9	27.3	29.6
75°	0.0	1.9	3.8	6.3	9.4	16.1	23.5	28.7	32.5	36.7	39.8
72.5°	0.0	2.2	4.4	7.2	12.9	20.7	29.5	36.2	42.0	46.6	50.1
70°	0.0	2.5	5.1	8.5	16.3	25.3	35.6	45.0	51.5	56.8	64.9
67.5°	0.0	2.8	5.7	10.8	19.6	29.7	42.6	53.9	61.1	69.5	80.3
65°	0.0	3.1	6.2	13.0	22.8	34.5	49.4	62.7	71.1	81.8	94.7
62.5°	0.0	3.4	6.8	15.2	25.9	39.5	55.8	70.7	80.7	93.5	108.0
60°	0.0	3.7	7.4	17.2	28.8	44.3	61.9	78.0	89.7	105.5	121.2
57.5°	0.0	4.0	8.7	19.2	32.2	48.8	66.1	84.4	99.8	117.3	132.6
55°	0.0	4.2	10.0	21.1	35.4	53.0	69.6	89.1	110.1	128.4	143.2
52.5°	0.0	4.5	11.2	22.9	38.4	56.7	72.6	95.5	120.2	137.8	153.6
50°	0.0	4.8	12.4	24.6	41.2	58.5	75.1	101.5	129.6	147.0	165.1
47.5°	0.0	5.0	13.5	26.3	43.8	59.9	77.3	106.7	137.6	155.9	176.3
45°	0.0	5.2	14.6	28.0	46.2	61.0	81.1	111.2	141.6	165.6	187.1
42.5°	0.0	5.5	15.6	29.6	48.3	61.7	84.3	114.4	144.8	174.9	198.2
40°	0.0	5.7	16.6	31.3	49.5	62.1	86.9	116.5	147.6	183.1	208.8
37.5°	0.0	5.9	17.5	33.1	49.6	62.0	88.9	117.9	150.6	187.1	219.0
35°	0.0	6.1	18.3	34.8	49.5	62.8	90.3	118.7	153.1	193.1	228.9
32.5°	0.0	6.2	19.1	36.4	49.2	63.8	91.1	118.9	155.2	200.4	237.8
30°	0.0	6.4	19.9	38.1	48.7	64.4	91.0	118.9	156.8	208.8	246.6
27.5°	0.0	6.6	20.5	39.6	49.3	64.6	90.4	119.7	159.8	218.3	255.3
25°	0.0	6.7	21.2	41.1	49.8	64.4	89.4	120.0	166.3	226.3	263.8
22.5°	0.0	6.8	21.7	42.5	50.3	64.6	88.0	119.9	173.0	232.9	274.2
20°	0.0	7.0	22.2	43.8	50.7	66.2	86.2	119.3	179.8	239.0	283.6
17.5°	0.0	7.1	22.6	45.0	51.0	67.7	86.3	118.2	186.5	244.7	292.1
15°	0.0	7.1	22.9	46.1	51.3	69.0	87.6	117.8	193.0	249.9	299.5
12.5°	0.0	7.2	23.2	47.2	51.5	70.1	88.6	118.3	197.4	254.4	305.8
10°	0.0	7.3	23.5	48.1	51.6	71.0	89.4	118.0	199.3	258.3	311.3
7.5°	0.0	7.3	23.6	48.9	51.7	71.7	90.0	117.1	199.5	262.0	315.8
5°	0.0	7.4	23.7	49.5	51.8	72.2	90.3	115.5	198.1	265.4	319.3
2.5°	0.0	7.4	23.7	50.0	51.8	72.5	90.5	113.5	195.3	268.0	321.7
0°	0.0	7.4	23.7	50.4	51.8	72.6	90.4	111.1	191.1	269.6	322.9
-2.5°	0.0	7.4	23.7	50.0	51.8	72.5	90.5	113.5	195.3	268.0	321.7
-5°	0.0	7.4	23.7	49.5	51.8	72.2	90.3	115.5	198.1	265.4	319.3
-7.5°	0.0	7.3	23.6	48.9	51.7	71.7	90.0	117.1	199.5	262.0	315.8
-10°	0.0	7.3	23.5	48.1	51.6	71.0	89.4	118.0	199.3	258.3	311.3
-12.5°	0.0	7.2	23.2	47.2	51.5	70.1	88.6	118.3	197.4	254.4	305.8
-15°	0.0	7.1	22.9	46.1	51.3	69.0	87.6	117.8	193.0	249.9	299.5
-17.5°	0.0	7.1	22.6	45.0	51.0	67.7	86.3	118.2	186.5	244.7	292.1
-20°	0.0	7.0	22.2	43.8	50.7	66.2	86.2	119.3	179.8	239.0	283.6



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 CATALOG NUMBER: GFLD-SA3E-927-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	6.8	21.7	42.5	50.3	64.6	88.0	119.9	173.0	232.9	274.2
-25°	0.0	6.7	21.2	41.1	49.8	64.4	89.4	120.0	166.3	226.3	263.8
-27.5°	0.0	6.6	20.5	39.6	49.3	64.6	90.4	119.7	159.8	218.3	255.3
-30°	0.0	6.4	19.9	38.1	48.7	64.4	91.0	118.9	156.8	208.8	246.6
-32.5°	0.0	6.2	19.1	36.4	49.2	63.8	91.1	118.9	155.2	200.4	237.8
-35°	0.0	6.1	18.3	34.8	49.5	62.8	90.3	118.7	153.1	193.1	228.9
-37.5°	0.0	5.9	17.5	33.1	49.6	62.0	88.9	117.9	150.6	187.1	219.0
-40°	0.0	5.7	16.6	31.3	49.5	62.1	86.9	116.5	147.6	183.1	208.8
-42.5°	0.0	5.5	15.6	29.6	48.3	61.7	84.3	114.4	144.8	174.9	198.2
-45°	0.0	5.2	14.6	28.0	46.2	61.0	81.1	111.2	141.6	165.6	187.1
-47.5°	0.0	5.0	13.5	26.3	43.8	59.9	77.3	106.7	137.6	155.9	176.3
-50°	0.0	4.8	12.4	24.6	41.2	58.5	75.1	101.5	129.6	147.0	165.1
-52.5°	0.0	4.5	11.2	22.9	38.4	56.7	72.6	95.5	120.2	137.8	153.6
-55°	0.0	4.2	10.0	21.1	35.4	53.0	69.6	89.1	110.1	128.4	143.2
-57.5°	0.0	4.0	8.7	19.2	32.2	48.8	66.1	84.4	99.8	117.3	132.6
-60°	0.0	3.7	7.4	17.2	28.8	44.3	61.9	78.0	89.7	105.5	121.2
-62.5°	0.0	3.4	6.8	15.2	25.9	39.5	55.8	70.7	80.7	93.5	108.0
-65°	0.0	3.1	6.2	13.0	22.8	34.5	49.4	62.7	71.1	81.8	94.7
-67.5°	0.0	2.8	5.7	10.8	19.6	29.7	42.6	53.9	61.1	69.5	80.3
-70°	0.0	2.5	5.1	8.5	16.3	25.3	35.6	45.0	51.5	56.8	64.9
-72.5°	0.0	2.2	4.4	7.2	12.9	20.7	29.5	36.2	42.0	46.6	50.1
-75°	0.0	1.9	3.8	6.3	9.4	16.1	23.5	28.7	32.5	36.7	39.8
-77.5°	0.0	1.6	3.2	5.2	7.6	11.3	17.4	21.7	24.9	27.3	29.6
-80°	0.0	1.3	2.6	4.2	6.1	8.3	11.1	14.7	17.5	19.7	21.3
-82.5°	0.0	1.0	1.9	3.2	4.6	6.2	8.0	9.0	10.2	12.2	13.7
-85°	0.0	0.6	1.3	2.1	3.1	4.2	5.4	6.0	6.6	7.1	7.5
-87.5°	0.0	0.3	0.6	1.1	1.5	2.1	2.7	3.0	3.3	3.5	3.8
-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: P558845 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-927-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°	3.8	3.7	3.6	3.4	3.2	2.9	2.5	2.1	2.2	2.3	2.4
85°	7.5	7.4	8.0	8.5	8.7	8.7	8.4	7.9	9.1	10.4	11.9
82.5°	15.0	16.3	17.6	18.7	18.8	18.3	17.7	17.0	19.6	22.8	26.3
80°	23.2	25.2	28.1	31.0	31.8	31.5	30.6	28.9	32.5	37.8	43.8
77.5°	33.2	37.2	41.2	45.3	46.3	45.5	43.5	40.5	45.0	53.6	63.0
75°	44.0	49.2	55.6	60.6	61.7	59.9	56.9	54.3	59.8	70.4	80.5
72.5°	57.5	65.8	72.2	76.6	76.9	75.3	73.9	72.5	78.7	91.2	101.6
70°	74.7	83.0	88.0	90.7	91.3	92.3	96.6	100.5	106.7	117.4	125.9
67.5°	91.7	98.4	102.8	106.1	112.5	118.5	124.3	130.3	137.1	146.2	152.7
65°	106.9	113.7	119.6	127.3	136.6	143.9	151.7	160.1	169.6	178.1	184.3
62.5°	121.9	129.2	137.5	147.6	158.4	168.3	179.7	191.4	202.7	212.4	223.0
60°	134.2	144.0	155.1	167.3	180.3	195.2	209.0	222.5	234.9	247.0	262.0
57.5°	146.0	159.2	172.7	187.3	204.4	222.6	238.7	253.6	269.1	286.7	301.4
55°	158.3	174.9	190.4	208.1	228.4	250.4	268.1	284.8	304.0	325.1	341.5
52.5°	171.6	189.9	208.1	229.4	253.9	275.8	294.3	315.1	338.4	361.2	380.3
50°	184.4	204.7	225.9	252.9	277.2	298.1	321.0	346.2	370.4	394.0	416.5
47.5°	197.4	219.1	247.3	274.8	297.6	322.1	348.8	374.7	400.2	424.7	448.3
45°	210.2	235.9	267.2	293.3	318.7	346.7	374.4	401.5	428.3	454.4	480.2
42.5°	222.5	252.3	283.8	311.3	340.4	369.7	398.6	427.3	455.6	483.5	511.0
40°	235.9	267.4	300.5	330.4	360.8	391.4	421.9	452.1	482.0	511.6	540.8
37.5°	248.3	282.9	317.4	348.7	380.0	412.1	444.0	476.1	507.5	538.4	571.6
35°	259.4	298.6	333.4	366.3	399.1	431.6	465.4	499.1	532.3	565.7	608.0
32.5°	271.8	314.5	348.6	383.2	417.2	450.7	485.8	521.5	556.8	595.8	636.7
30°	285.8	327.7	362.9	399.4	434.2	469.4	505.6	542.9	580.0	618.8	659.4
27.5°	299.4	339.8	376.9	414.2	450.0	486.6	524.6	563.2	601.5	640.4	680.8
25°	312.0	351.5	390.1	427.8	464.8	502.7	542.0	582.1	622.4	663.1	704.4
22.5°	322.7	362.8	402.9	440.2	478.1	517.3	558.1	611.3	659.9	709.1	758.9
20°	331.8	373.5	414.5	453.3	490.6	530.2	572.7	639.2	702.7	762.6	823.7
17.5°	340.2	383.3	425.2	465.8	504.9	543.8	587.4	663.3	731.1	800.0	870.3
15°	347.9	392.0	435.1	477.5	518.0	558.5	610.6	731.6	810.2	890.1	972.4
12.5°	354.9	399.7	444.2	488.3	529.7	571.6	631.4	799.6	881.1	972.2	1066.8
10°	361.0	406.2	452.3	498.1	540.0	583.0	648.9	855.3	951.4	1052.7	1160.4
7.5°	366.7	412.6	459.8	506.8	549.0	592.9	663.3	898.8	1004.8	1117.5	1233.8
5°	371.5	418.8	468.8	516.4	560.2	603.7	675.6	930.1	1047.0	1161.1	1286.3
2.5°	375.2	424.0	476.5	524.8	572.6	616.7	689.6	953.2	1070.9	1187.0	1306.7
0°	377.7	428.1	482.9	531.8	583.6	628.0	700.6	964.3	1087.5	1205.6	1324.1
-2.5°	375.2	424.0	476.5	524.8	572.6	616.7	689.6	953.2	1070.9	1187.0	1306.7
-5°	371.5	418.8	468.8	516.4	560.2	603.7	675.6	930.1	1047.0	1161.1	1286.3
-7.5°	366.7	412.6	459.8	506.8	549.0	592.9	663.3	898.8	1004.8	1117.5	1233.8
-10°	361.0	406.2	452.3	498.1	540.0	583.0	648.9	855.3	951.4	1052.7	1160.4
-12.5°	354.9	399.7	444.2	488.3	529.7	571.6	631.4	799.6	881.1	972.2	1066.8
-15°	347.9	392.0	435.1	477.5	518.0	558.5	610.6	731.6	810.2	890.1	972.4
-17.5°	340.2	383.3	425.2	465.8	504.9	543.8	587.4	663.3	731.1	800.0	870.3
-20°	331.8	373.5	414.5	453.3	490.6	530.2	572.7	639.2	702.7	762.6	823.7



REPORT NUMBER: P558845 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-927-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°	322.7	362.8	402.9	440.2	478.1	517.3	558.1	611.3	719.9	975.1	1799.2
-25°	312.0	351.5	390.1	427.8	464.8	502.7	542.0	582.1	652.4	841.1	1344.8
-27.5°	299.4	339.8	376.9	414.2	450.0	486.6	524.6	563.2	615.0	708.4	936.4
-30°	285.8	327.7	362.9	399.4	434.2	469.4	505.6	542.9	580.0	640.8	781.4
-32.5°	271.8	314.5	348.6	383.2	417.2	450.7	485.8	521.5	556.8	595.8	656.7
-35°	259.4	298.6	333.4	366.3	399.1	431.6	465.4	499.1	532.3	565.7	608.0
-37.5°	248.3	282.9	317.4	348.7	380.0	412.1	444.0	476.1	507.5	538.4	571.6
-40°	235.9	267.4	300.5	330.4	360.8	391.4	421.9	452.1	482.0	511.6	540.8
-42.5°	222.5	252.3	283.8	311.3	340.4	369.7	398.6	427.3	455.6	483.5	511.0
-45°	210.2	235.9	267.2	293.3	318.7	346.7	374.4	401.5	428.3	454.4	480.2
-47.5°	197.4	219.1	247.3	274.8	297.6	322.1	348.8	374.7	400.2	424.7	448.3
-50°	184.4	204.7	225.9	252.9	277.2	298.1	321.0	346.2	370.4	394.0	416.5
-52.5°	171.6	189.9	208.1	229.4	253.9	275.8	294.3	315.1	338.4	361.2	380.3
-55°	158.3	174.9	190.4	208.1	228.4	250.4	268.1	284.8	304.0	325.1	341.5
-57.5°	146.0	159.2	172.7	187.3	204.4	222.6	238.7	253.6	269.1	286.7	301.4
-60°	134.2	144.0	155.1	167.3	180.3	195.2	209.0	222.5	234.9	247.0	262.0
-62.5°	121.9	129.2	137.5	147.6	158.4	168.3	179.7	191.4	202.7	212.4	223.0
-65°	106.9	113.7	119.6	127.3	136.6	143.9	151.7	160.1	169.6	178.1	184.3
-67.5°	91.7	98.4	102.8	106.1	112.5	118.5	124.3	130.3	137.1	146.2	152.7
-70°	74.7	83.0	88.0	90.7	91.3	92.3	96.6	100.5	106.7	117.4	125.9
-72.5°	57.5	65.8	72.2	76.6	76.9	75.3	73.9	72.5	78.7	91.2	101.6
-75°	44.0	49.2	55.6	60.6	61.7	59.9	56.9	54.3	59.8	70.4	80.5
-77.5°	33.2	37.2	41.2	45.3	46.3	45.5	43.5	40.5	45.0	53.6	63.0
-80°	23.2	25.2	28.1	31.0	31.8	31.5	30.6	28.9	32.5	37.8	43.8
-82.5°	15.0	16.3	17.6	18.7	18.8	18.3	17.7	17.0	19.6	22.8	26.3
-85°	7.5	7.4	8.0	8.5	8.7	8.7	8.4	7.9	9.1	10.4	11.9
-87.5°	3.8	3.7	3.6	3.4	3.2	2.9	2.5	2.1	2.2	2.3	2.4
-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: P558845 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-927-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°	2.5	2.5	2.6	2.7	2.7	2.8	2.8	2.9	2.9	2.6	2.2
85°	13.4	12.9	12.2	11.3	10.2	10.8	11.4	12.0	12.6	11.8	10.8
82.5°	29.9	30.3	30.3	30.2	30.0	31.3	32.5	33.6	34.6	31.9	28.9
80°	50.4	52.8	54.2	55.4	56.5	56.5	55.8	54.5	52.6	48.1	43.2
77.5°	72.8	76.5	78.4	80.3	82.2	82.9	83.4	83.9	84.4	76.6	66.6
75°	90.2	95.8	99.1	102.1	104.9	106.5	107.4	108.0	108.2	98.8	86.6
72.5°	110.0	115.6	119.5	123.2	126.7	129.0	130.3	131.3	132.0	123.8	112.2
70°	132.0	136.3	141.0	145.6	149.9	152.8	154.7	156.3	157.4	156.6	156.0
67.5°	157.8	161.6	167.3	171.7	176.2	179.4	182.7	185.3	187.3	189.5	191.9
65°	190.2	199.3	207.7	211.9	212.5	217.1	224.6	229.4	231.9	233.8	236.3
62.5°	235.3	246.4	252.4	259.4	268.5	277.0	280.3	284.7	289.9	296.3	303.5
60°	274.0	283.1	292.6	302.4	310.8	317.9	325.5	333.1	340.0	346.3	352.5
57.5°	313.5	323.5	333.2	344.7	352.7	357.5	364.9	373.9	380.9	386.4	394.7
55°	354.5	367.5	380.6	390.9	398.5	403.5	409.1	417.9	423.0	425.0	434.6
52.5°	395.7	411.1	427.2	439.4	447.4	454.8	461.8	469.5	474.7	477.3	486.7
50°	433.9	452.2	470.2	486.0	496.6	509.1	523.2	530.1	534.6	539.5	550.0
47.5°	470.2	490.6	509.9	527.7	543.2	557.2	569.3	580.9	598.1	611.7	625.2
45°	505.1	526.9	547.8	567.8	585.0	612.4	638.3	660.4	719.6	769.2	807.1
42.5°	537.9	564.3	587.8	621.2	657.6	720.6	817.8	907.9	1082.3	1306.8	1494.3
40°	572.2	606.4	648.6	713.6	836.6	963.0	1341.0	1677.8	2009.1	2385.9	2708.8
37.5°	612.2	663.7	787.5	934.3	1328.6	1764.8	2300.5	2826.4	3284.3	3676.1	4003.2
35°	665.2	824.2	1055.5	1590.7	2173.3	2888.4	3505.9	4000.5	4452.8	4815.8	5089.0
32.5°	821.2	1112.3	1723.2	2459.3	3260.7	3951.6	4553.0	5026.5	5439.1	5764.5	6017.8
30°	1049.7	1718.7	2548.5	3430.0	4228.2	4887.9	5443.6	5894.9	6263.3	6594.3	6872.2
27.5°	1592.7	2453.6	3428.8	4328.0	5054.0	5671.6	6170.1	6617.2	7023.3	7371.9	7700.5
25°	2186.9	3252.6	4236.3	5054.7	5732.2	6311.7	6837.4	7326.5	7781.1	8189.1	8571.4
22.5°	2900.6	3963.4	4903.5	5660.9	6317.5	6912.8	7471.2	8015.5	8544.6	9042.5	9505.0
20°	3546.6	4589.8	5409.6	6166.0	6848.1	7468.4	8083.8	8718.2	9328.9	9928.7	10485.5
17.5°	4050.2	5020.6	5843.6	6610.3	7304.6	8007.1	8711.4	9440.0	10176.7	10873.2	11539.3
15°	4470.6	5379.9	6213.9	6980.6	7744.0	8519.1	9305.9	10164.3	11040.5	11874.2	12723.3
12.5°	4768.6	5679.8	6525.3	7294.6	8150.5	8991.8	9907.8	10886.0	11898.0	12869.1	13912.1
10°	5008.2	5919.0	6757.5	7587.0	8492.7	9425.6	10452.9	11530.4	12738.0	13887.8	15011.5
7.5°	5213.8	6118.6	6944.0	7825.3	8777.5	9802.8	10920.1	12138.3	13445.1	14724.6	16062.2
5°	5364.2	6254.7	7088.9	8020.7	8996.4	10078.4	11280.5	12582.1	13983.6	15385.5	16708.4
2.5°	5443.8	6332.3	7179.0	8142.0	9124.8	10245.4	11497.3	12877.0	14357.4	15887.0	17191.3
0°	5442.0	6364.8	7213.6	8223.8	9219.1	10296.0	11590.6	13065.9	14510.1	16099.4	17438.4
-2.5°	5443.8	6332.3	7179.0	8142.0	9124.8	10245.4	11497.3	12877.0	14357.4	15887.0	17191.3
-5°	5364.2	6254.7	7088.9	8020.7	8996.4	10078.4	11280.5	12582.1	13983.6	15385.5	16708.4
-7.5°	5213.8	6118.6	6944.0	7825.3	8777.5	9802.8	10920.1	12138.3	13445.1	14724.6	16062.2
-10°	5008.2	5919.0	6757.5	7587.0	8492.7	9425.6	10452.9	11530.4	12738.0	13887.8	15011.5
-12.5°	4768.6	5679.8	6525.3	7294.6	8150.5	8991.8	9907.8	10886.0	11898.0	12869.1	13912.1
-15°	4470.6	5379.9	6213.9	6980.6	7744.0	8519.1	9305.9	10164.3	11040.5	11874.2	12723.3
-17.5°	4050.2	5020.6	5843.6	6610.3	7304.6	8007.1	8711.4	9440.0	10176.7	10873.2	11539.3
-20°	3546.6	4589.8	5409.6	6166.0	6848.1	7468.4	8083.8	8718.2	9328.9	9928.7	10485.5



REPORT NUMBER: P558845 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-927-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2900.6	3963.4	4903.5	5660.9	6317.5	6912.8	7471.2	8015.5	8544.6	9042.5	9505.0
-25°	2186.9	3252.6	4236.3	5054.7	5732.2	6311.7	6837.4	7326.5	7781.1	8189.1	8571.4
-27.5°	1592.7	2453.6	3428.8	4328.0	5054.0	5671.6	6170.1	6617.2	7023.3	7371.9	7700.5
-30°	1049.7	1718.7	2548.5	3430.0	4228.2	4887.9	5443.6	5894.9	6263.3	6594.3	6872.2
-32.5°	821.2	1112.3	1723.2	2459.3	3260.7	3951.6	4553.0	5026.5	5439.1	5764.5	6017.8
-35°	665.2	824.2	1055.5	1590.7	2173.3	2888.4	3505.9	4000.5	4452.8	4815.8	5089.0
-37.5°	612.2	663.7	787.5	934.3	1328.6	1764.8	2300.5	2826.4	3284.3	3676.1	4003.2
-40°	572.2	606.4	648.6	713.6	836.6	963.0	1341.0	1677.8	2009.1	2385.9	2708.8
-42.5°	537.9	564.3	587.8	621.2	657.6	720.6	817.8	907.9	1082.3	1306.8	1494.3
-45°	505.1	526.9	547.8	567.8	585.0	612.4	638.3	660.4	719.6	769.2	807.1
-47.5°	470.2	490.6	509.9	527.7	543.2	557.2	569.3	580.9	598.1	611.7	625.2
-50°	433.9	452.2	470.2	486.0	496.6	509.1	523.2	530.1	534.6	539.5	550.0
-52.5°	395.7	411.1	427.2	439.4	447.4	454.8	461.8	469.5	474.7	477.3	486.7
-55°	354.5	367.5	380.6	390.9	398.5	403.5	409.1	417.9	423.0	425.0	434.6
-57.5°	313.5	323.5	333.2	344.7	352.7	357.5	364.9	373.9	380.9	386.4	394.7
-60°	274.0	283.1	292.6	302.4	310.8	317.9	325.5	333.1	340.0	346.3	352.5
-62.5°	235.3	246.4	252.4	259.4	268.5	277.0	280.3	284.7	289.9	296.3	303.5
-65°	190.2	199.3	207.7	211.9	212.5	217.1	224.6	229.4	231.9	233.8	236.3
-67.5°	157.8	161.6	167.3	171.7	176.2	179.4	182.7	185.3	187.3	189.5	191.9
-70°	132.0	136.3	141.0	145.6	149.9	152.8	154.7	156.3	157.4	156.6	156.0
-72.5°	110.0	115.6	119.5	123.2	126.7	129.0	130.3	131.3	132.0	123.8	112.2
-75°	90.2	95.8	99.1	102.1	104.9	106.5	107.4	108.0	108.2	98.8	86.6
-77.5°	72.8	76.5	78.4	80.3	82.2	82.9	83.4	83.9	84.4	76.6	66.6
-80°	50.4	52.8	54.2	55.4	56.5	56.5	55.8	54.5	52.6	48.1	43.2
-82.5°	29.9	30.3	30.3	30.2	30.0	31.3	32.5	33.6	34.6	31.9	28.9
-85°	13.4	12.9	12.2	11.3	10.2	10.8	11.4	12.0	12.6	11.8	10.8
-87.5°	2.5	2.5	2.6	2.7	2.7	2.8	2.8	2.9	2.9	2.6	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



REPORT NUMBER: P558845 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-927-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°	1.9	1.5	1.5	1.5	1.5	1.5	1.9	2.2	2.6	2.9	2.9
85°	9.9	8.9	8.9	8.9	8.9	8.9	9.9	10.8	11.8	12.6	12.0
82.5°	25.6	22.1	22.2	22.2	22.2	22.1	25.6	28.9	31.9	34.6	33.6
80°	38.0	32.6	33.3	34.1	33.3	32.6	38.0	43.2	48.1	52.6	54.5
77.5°	55.9	44.7	44.3	44.4	44.3	44.7	55.9	66.6	76.6	84.4	83.9
75°	74.1	61.2	60.6	60.7	60.6	61.2	74.1	86.6	98.8	108.2	108.0
72.5°	100.2	87.9	82.3	77.0	82.3	87.9	100.2	112.2	123.8	132.0	131.3
70°	156.1	156.5	151.0	143.7	151.0	156.5	156.1	156.0	156.6	157.4	156.3
67.5°	194.0	195.6	198.0	200.0	198.0	195.6	194.0	191.9	189.5	187.3	185.3
65°	237.3	237.3	238.1	238.5	238.1	237.3	237.3	236.3	233.8	231.9	229.4
62.5°	309.7	314.7	318.2	319.9	318.2	314.7	309.7	303.5	296.3	289.9	284.7
60°	357.6	361.8	367.5	373.3	367.5	361.8	357.6	352.5	346.3	340.0	333.1
57.5°	402.4	409.4	415.0	419.2	415.0	409.4	402.4	394.7	386.4	380.9	373.9
55°	443.8	451.8	459.6	466.6	459.6	451.8	443.8	434.6	425.0	423.0	417.9
52.5°	495.7	502.4	513.4	527.3	513.4	502.4	495.7	486.7	477.3	474.7	469.5
50°	562.1	572.2	586.1	602.9	586.1	572.2	562.1	550.0	539.5	534.6	530.1
47.5°	638.8	648.9	662.3	679.9	662.3	648.9	638.8	625.2	611.7	598.1	580.9
45°	841.8	865.4	887.1	911.0	887.1	865.4	841.8	807.1	769.2	719.6	660.4
42.5°	1644.6	1748.5	1793.3	1767.1	1793.3	1748.5	1644.6	1494.3	1306.8	1082.3	907.9
40°	2955.0	3127.7	3229.3	3264.6	3229.3	3127.7	2955.0	2708.8	2385.9	2009.1	1677.8
37.5°	4242.1	4401.1	4486.9	4497.0	4486.9	4401.1	4242.1	4003.2	3676.1	3284.3	2826.4
35°	5286.3	5417.3	5494.8	5553.1	5494.8	5417.3	5286.3	5089.0	4815.8	4452.8	4000.5
32.5°	6224.1	6373.3	6459.5	6440.4	6459.5	6373.3	6224.1	6017.8	5764.5	5439.1	5026.5
30°	7100.0	7263.3	7364.6	7367.6	7364.6	7263.3	7100.0	6872.2	6594.3	6263.3	5894.9
27.5°	7966.1	8149.4	8255.0	8337.8	8255.0	8149.4	7966.1	7700.5	7371.9	7023.3	6617.2
25°	8890.1	9118.4	9254.1	9336.1	9254.1	9118.4	8890.1	8571.4	8189.1	7781.1	7326.5
22.5°	9886.3	10169.2	10355.0	10432.3	10355.0	10169.2	9886.3	9505.0	9042.5	8544.6	8015.5
20°	10969.9	11320.5	11557.8	11550.6	11557.8	11320.5	10969.9	10485.5	9928.7	9328.9	8718.2
17.5°	12179.0	12631.2	12937.2	12981.4	12937.2	12631.2	12179.0	11539.3	10873.2	10176.7	9440.0
15°	13475.3	14058.3	14454.0	14576.7	14454.0	14058.3	13475.3	12723.3	11874.2	11040.5	10164.3
12.5°	14803.7	15497.1	16024.7	16200.1	16024.7	15497.1	14803.7	13912.1	12869.1	11898.0	10886.0
10°	16069.3	16837.3	17410.1	17663.6	17410.1	16837.3	16069.3	15011.5	13887.8	12738.0	11530.4
7.5°	17127.3	17907.7	18497.7	18706.4	18497.7	17907.7	17127.3	16062.2	14724.6	13445.1	12138.3
5°	17824.4	18677.0	19135.7	19393.7	19135.7	18677.0	17824.4	16708.4	15385.5	13983.6	12582.1
2.5°	18290.1	19013.1	19477.7	19715.1	19477.7	19013.1	18290.1	17191.3	15887.0	14357.4	12877.0
0°	18537.5	19273.7	19614.4	19729.9	19614.4	19273.7	18537.5	17438.4	16099.4	14510.1	13065.9
-2.5°	18290.1	19013.1	19477.7	19715.1	19477.7	19013.1	18290.1	17191.3	15887.0	14357.4	12877.0
-5°	17824.4	18677.0	19135.7	19393.7	19135.7	18677.0	17824.4	16708.4	15385.5	13983.6	12582.1
-7.5°	17127.3	17907.7	18497.7	18706.4	18497.7	17907.7	17127.3	16062.2	14724.6	13445.1	12138.3
-10°	16069.3	16837.3	17410.1	17663.6	17410.1	16837.3	16069.3	15011.5	13887.8	12738.0	11530.4
-12.5°	14803.7	15497.1	16024.7	16200.1	16024.7	15497.1	14803.7	13912.1	12869.1	11898.0	10886.0
-15°	13475.3	14058.3	14454.0	14576.7	14454.0	14058.3	13475.3	12723.3	11874.2	11040.5	10164.3
-17.5°	12179.0	12631.2	12937.2	12981.4	12937.2	12631.2	12179.0	11539.3	10873.2	10176.7	9440.0
-20°	10969.9	11320.5	11557.8	11550.6	11557.8	11320.5	10969.9	10485.5	9928.7	9328.9	8718.2



REPORT NUMBER: P558845 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-927-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°	9886.3	10169.2	10355.0	10432.3	10355.0	10169.2	9886.3	9505.0	9042.5	8544.6	8015.5
-25°	8890.1	9118.4	9254.1	9336.1	9254.1	9118.4	8890.1	8571.4	8189.1	7781.1	7326.5
-27.5°	7966.1	8149.4	8255.0	8337.8	8255.0	8149.4	7966.1	7700.5	7371.9	7023.3	6617.2
-30°	7100.0	7263.3	7364.6	7367.6	7364.6	7263.3	7100.0	6872.2	6594.3	6263.3	5894.9
-32.5°	6224.1	6373.3	6459.5	6440.4	6459.5	6373.3	6224.1	6017.8	5764.5	5439.1	5026.5
-35°	5286.3	5417.3	5494.8	5553.1	5494.8	5417.3	5286.3	5089.0	4815.8	4452.8	4000.5
-37.5°	4242.1	4401.1	4486.9	4497.0	4486.9	4401.1	4242.1	4003.2	3676.1	3284.3	2826.4
-40°	2955.0	3127.7	3229.3	3264.6	3229.3	3127.7	2955.0	2708.8	2385.9	2009.1	1677.8
-42.5°	1644.6	1748.5	1793.3	1767.1	1793.3	1748.5	1644.6	1494.3	1306.8	1082.3	907.9
-45°	841.8	865.4	887.1	911.0	887.1	865.4	841.8	807.1	769.2	719.6	660.4
-47.5°	638.8	648.9	662.3	679.9	662.3	648.9	638.8	625.2	611.7	598.1	580.9
-50°	562.1	572.2	586.1	602.9	586.1	572.2	562.1	550.0	539.5	534.6	530.1
-52.5°	495.7	502.4	513.4	527.3	513.4	502.4	495.7	486.7	477.3	474.7	469.5
-55°	443.8	451.8	459.6	466.6	459.6	451.8	443.8	434.6	425.0	423.0	417.9
-57.5°	402.4	409.4	415.0	419.2	415.0	409.4	402.4	394.7	386.4	380.9	373.9
-60°	357.6	361.8	367.5	373.3	367.5	361.8	357.6	352.5	346.3	340.0	333.1
-62.5°	309.7	314.7	318.2	319.9	318.2	314.7	309.7	303.5	296.3	289.9	284.7
-65°	237.3	237.3	238.1	238.5	238.1	237.3	237.3	236.3	233.8	231.9	229.4
-67.5°	194.0	195.6	198.0	200.0	198.0	195.6	194.0	191.9	189.5	187.3	185.3
-70°	156.1	156.5	151.0	143.7	151.0	156.5	156.1	156.0	156.6	157.4	156.3
-72.5°	100.2	87.9	82.3	77.0	82.3	87.9	100.2	112.2	123.8	132.0	131.3
-75°	74.1	61.2	60.6	60.7	60.6	61.2	74.1	86.6	98.8	108.2	108.0
-77.5°	55.9	44.7	44.3	44.4	44.3	44.7	55.9	66.6	76.6	84.4	83.9
-80°	38.0	32.6	33.3	34.1	33.3	32.6	38.0	43.2	48.1	52.6	54.5
-82.5°	25.6	22.1	22.2	22.2	22.2	22.1	25.6	28.9	31.9	34.6	33.6
-85°	9.9	8.9	8.9	8.9	8.9	8.9	9.9	10.8	11.8	12.6	12.0
-87.5°	1.9	1.5	1.5	1.5	1.5	1.5	1.9	2.2	2.6	2.9	2.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558845 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-927-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°	2.8	2.8	2.7	2.7	2.6	2.5	2.5	2.4	2.3	2.2	2.1
85°	11.4	10.8	10.2	11.3	12.2	12.9	13.4	11.9	10.4	9.1	7.9
82.5°	32.5	31.3	30.0	30.2	30.3	30.3	29.9	26.3	22.8	19.6	17.0
80°	55.8	56.5	56.5	55.4	54.2	52.8	50.4	43.8	37.8	32.5	28.9
77.5°	83.4	82.9	82.2	80.3	78.4	76.5	72.8	63.0	53.6	45.0	40.5
75°	107.4	106.5	104.9	102.1	99.1	95.8	90.2	80.5	70.4	59.8	54.3
72.5°	130.3	129.0	126.7	123.2	119.5	115.6	110.0	101.6	91.2	78.7	72.5
70°	154.7	152.8	149.9	145.6	141.0	136.3	132.0	125.9	117.4	106.7	100.5
67.5°	182.7	179.4	176.2	171.7	167.3	161.6	157.8	152.7	146.2	137.1	130.3
65°	224.6	217.1	212.5	211.9	207.7	199.3	190.2	184.3	178.1	169.6	160.1
62.5°	280.3	277.0	268.5	259.4	252.4	246.4	235.3	223.0	212.4	202.7	191.4
60°	325.5	317.9	310.8	302.4	292.6	283.1	274.0	262.0	247.0	234.9	222.5
57.5°	364.9	357.5	352.7	344.7	333.2	323.5	313.5	301.4	286.7	269.1	253.6
55°	409.1	403.5	398.5	390.9	380.6	367.5	354.5	341.5	325.1	304.0	284.8
52.5°	461.8	454.8	447.4	439.4	427.2	411.1	395.7	380.3	361.2	338.4	315.1
50°	523.2	509.1	496.6	486.0	470.2	452.2	433.9	416.5	394.0	370.4	346.2
47.5°	569.3	557.2	543.2	527.7	509.9	490.6	470.2	448.3	424.7	400.2	374.7
45°	638.3	612.4	585.0	567.8	547.8	526.9	505.1	480.2	454.4	428.3	401.5
42.5°	817.8	720.6	657.6	621.2	587.8	564.3	537.9	511.0	483.5	455.6	427.3
40°	1341.0	963.0	836.6	713.6	648.6	606.4	572.2	540.8	511.6	482.0	452.1
37.5°	2300.5	1764.8	1328.6	934.3	787.5	663.7	612.2	571.6	538.4	507.5	476.1
35°	3505.9	2888.4	2173.3	1590.7	1055.5	824.2	665.2	608.0	565.7	532.3	499.1
32.5°	4553.0	3951.6	3260.7	2459.3	1723.2	1112.3	821.2	656.7	595.8	556.8	521.5
30°	5443.6	4887.9	4228.2	3430.0	2548.5	1718.7	1049.7	781.4	640.8	580.0	542.9
27.5°	6170.1	5671.6	5054.0	4328.0	3428.8	2453.6	1592.7	936.4	708.4	615.0	563.2
25°	6837.4	6311.7	5732.2	5054.7	4236.3	3252.6	2186.9	1344.8	841.1	652.4	582.1
22.5°	7471.2	6912.8	6317.5	5660.9	4903.5	3963.4	2900.6	1799.2	975.1	719.9	611.3
20°	8083.8	7468.4	6848.1	6166.0	5409.6	4589.8	3546.6	2343.7	1357.6	822.7	639.2
17.5°	8711.4	8007.1	7304.6	6610.3	5843.6	5020.6	4050.2	2891.3	1690.0	915.1	663.3
15°	9305.9	8519.1	7744.0	6980.6	6213.9	5379.9	4470.6	3379.0	2020.1	1102.1	731.6
12.5°	9907.8	8991.8	8150.5	7294.6	6525.3	5679.8	4768.6	3711.8	2407.2	1331.1	799.6
10°	10452.9	9425.6	8492.7	7587.0	6757.5	5919.0	5008.2	3979.4	2725.7	1519.4	855.3
7.5°	10920.1	9802.8	8777.5	7825.3	6944.0	6118.6	5213.8	4192.8	2965.5	1664.8	898.8
5°	11280.5	10078.4	8996.4	8020.7	7088.9	6254.7	5364.2	4348.3	3127.1	1767.0	930.1
2.5°	11497.3	10245.4	9124.8	8142.0	7179.0	6332.3	5443.8	4447.7	3230.0	1832.9	953.2
0°	11590.6	10296.0	9219.1	8223.8	7213.6	6364.8	5442.0	4485.1	3267.6	1857.5	964.3
-2.5°	11497.3	10245.4	9124.8	8142.0	7179.0	6332.3	5443.8	4447.7	3230.0	1832.9	953.2
-5°	11280.5	10078.4	8996.4	8020.7	7088.9	6254.7	5364.2	4348.3	3127.1	1767.0	930.1
-7.5°	10920.1	9802.8	8777.5	7825.3	6944.0	6118.6	5213.8	4192.8	2965.5	1664.8	898.8
-10°	10452.9	9425.6	8492.7	7587.0	6757.5	5919.0	5008.2	3979.4	2725.7	1519.4	855.3
-12.5°	9907.8	8991.8	8150.5	7294.6	6525.3	5679.8	4768.6	3711.8	2407.2	1331.1	799.6
-15°	9305.9	8519.1	7744.0	6980.6	6213.9	5379.9	4470.6	3379.0	2020.1	1102.1	731.6
-17.5°	8711.4	8007.1	7304.6	6610.3	5843.6	5020.6	4050.2	2891.3	1690.0	915.1	663.3
-20°	8083.8	7468.4	6848.1	6166.0	5409.6	4589.8	3546.6	2343.7	1357.6	822.7	639.2



REPORT NUMBER: P558845 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-927-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	7471.2	6912.8	6317.5	5660.9	4903.5	3963.4	2900.6	1799.2	975.1	719.9	611.3
-25°	6837.4	6311.7	5732.2	5054.7	4236.3	3252.6	2186.9	1344.8	841.1	652.4	582.1
-27.5°	6170.1	5671.6	5054.0	4328.0	3428.8	2453.6	1592.7	936.4	708.4	615.0	563.2
-30°	5443.6	4887.9	4228.2	3430.0	2548.5	1718.7	1049.7	781.4	640.8	580.0	542.9
-32.5°	4553.0	3951.6	3260.7	2459.3	1723.2	1112.3	821.2	656.7	595.8	556.8	521.5
-35°	3505.9	2888.4	2173.3	1590.7	1055.5	824.2	665.2	608.0	565.7	532.3	499.1
-37.5°	2300.5	1764.8	1328.6	934.3	787.5	663.7	612.2	571.6	538.4	507.5	476.1
-40°	1341.0	963.0	836.6	713.6	648.6	606.4	572.2	540.8	511.6	482.0	452.1
-42.5°	817.8	720.6	657.6	621.2	587.8	564.3	537.9	511.0	483.5	455.6	427.3
-45°	638.3	612.4	585.0	567.8	547.8	526.9	505.1	480.2	454.4	428.3	401.5
-47.5°	569.3	557.2	543.2	527.7	509.9	490.6	470.2	448.3	424.7	400.2	374.7
-50°	523.2	509.1	496.6	486.0	470.2	452.2	433.9	416.5	394.0	370.4	346.2
-52.5°	461.8	454.8	447.4	439.4	427.2	411.1	395.7	380.3	361.2	338.4	315.1
-55°	409.1	403.5	398.5	390.9	380.6	367.5	354.5	341.5	325.1	304.0	284.8
-57.5°	364.9	357.5	352.7	344.7	333.2	323.5	313.5	301.4	286.7	269.1	253.6
-60°	325.5	317.9	310.8	302.4	292.6	283.1	274.0	262.0	247.0	234.9	222.5
-62.5°	280.3	277.0	268.5	259.4	252.4	246.4	235.3	223.0	212.4	202.7	191.4
-65°	224.6	217.1	212.5	211.9	207.7	199.3	190.2	184.3	178.1	169.6	160.1
-67.5°	182.7	179.4	176.2	171.7	167.3	161.6	157.8	152.7	146.2	137.1	130.3
-70°	154.7	152.8	149.9	145.6	141.0	136.3	132.0	125.9	117.4	106.7	100.5
-72.5°	130.3	129.0	126.7	123.2	119.5	115.6	110.0	101.6	91.2	78.7	72.5
-75°	107.4	106.5	104.9	102.1	99.1	95.8	90.2	80.5	70.4	59.8	54.3
-77.5°	83.4	82.9	82.2	80.3	78.4	76.5	72.8	63.0	53.6	45.0	40.5
-80°	55.8	56.5	56.5	55.4	54.2	52.8	50.4	43.8	37.8	32.5	28.9
-82.5°	32.5	31.3	30.0	30.2	30.3	30.3	29.9	26.3	22.8	19.6	17.0
-85°	11.4	10.8	10.2	11.3	12.2	12.9	13.4	11.9	10.4	9.1	7.9
-87.5°	2.8	2.8	2.7	2.7	2.6	2.5	2.5	2.4	2.3	2.2	2.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558845 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-927-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°	2.5	2.9	3.2	3.4	3.6	3.7	3.8	3.8	3.5	3.3	3.0
85°	8.4	8.7	8.7	8.5	8.0	7.4	7.5	7.5	7.1	6.6	6.0
82.5°	17.7	18.3	18.8	18.7	17.6	16.3	15.0	13.7	12.2	10.2	9.0
80°	30.6	31.5	31.8	31.0	28.1	25.2	23.2	21.3	19.7	17.5	14.7
77.5°	43.5	45.5	46.3	45.3	41.2	37.2	33.2	29.6	27.3	24.9	21.7
75°	56.9	59.9	61.7	60.6	55.6	49.2	44.0	39.8	36.7	32.5	28.7
72.5°	73.9	75.3	76.9	76.6	72.2	65.8	57.5	50.1	46.6	42.0	36.2
70°	96.6	92.3	91.3	90.7	88.0	83.0	74.7	64.9	56.8	51.5	45.0
67.5°	124.3	118.5	112.5	106.1	102.8	98.4	91.7	80.3	69.5	61.1	53.9
65°	151.7	143.9	136.6	127.3	119.6	113.7	106.9	94.7	81.8	71.1	62.7
62.5°	179.7	168.3	158.4	147.6	137.5	129.2	121.9	108.0	93.5	80.7	70.7
60°	209.0	195.2	180.3	167.3	155.1	144.0	134.2	121.2	105.5	89.7	78.0
57.5°	238.7	222.6	204.4	187.3	172.7	159.2	146.0	132.6	117.3	99.8	84.4
55°	268.1	250.4	228.4	208.1	190.4	174.9	158.3	143.2	128.4	110.1	89.1
52.5°	294.3	275.8	253.9	229.4	208.1	189.9	171.6	153.6	137.8	120.2	95.5
50°	321.0	298.1	277.2	252.9	225.9	204.7	184.4	165.1	147.0	129.6	101.5
47.5°	348.8	322.1	297.6	274.8	247.3	219.1	197.4	176.3	155.9	137.6	106.7
45°	374.4	346.7	318.7	293.3	267.2	235.9	210.2	187.1	165.6	141.6	111.2
42.5°	398.6	369.7	340.4	311.3	283.8	252.3	222.5	198.2	174.9	144.8	114.4
40°	421.9	391.4	360.8	330.4	300.5	267.4	235.9	208.8	183.1	147.6	116.5
37.5°	444.0	412.1	380.0	348.7	317.4	282.9	248.3	219.0	187.1	150.6	117.9
35°	465.4	431.6	399.1	366.3	333.4	298.6	259.4	228.9	193.1	153.1	118.7
32.5°	485.8	450.7	417.2	383.2	348.6	314.5	271.8	237.8	200.4	155.2	118.9
30°	505.6	469.4	434.2	399.4	362.9	327.7	285.8	246.6	208.8	156.8	118.9
27.5°	524.6	486.6	450.0	414.2	376.9	339.8	299.4	255.3	218.3	159.8	119.7
25°	542.0	502.7	464.8	427.8	390.1	351.5	312.0	263.8	226.3	166.3	120.0
22.5°	558.1	517.3	478.1	440.2	402.9	362.8	322.7	274.2	232.9	173.0	119.9
20°	572.7	530.2	490.6	453.3	414.5	373.5	331.8	283.6	239.0	179.8	119.3
17.5°	587.4	543.8	504.9	465.8	425.2	383.3	340.2	292.1	244.7	186.5	118.2
15°	610.6	558.5	518.0	477.5	435.1	392.0	347.9	299.5	249.9	193.0	117.8
12.5°	631.4	571.6	529.7	488.3	444.2	399.7	354.9	305.8	254.4	197.4	118.3
10°	648.9	583.0	540.0	498.1	452.3	406.2	361.0	311.3	258.3	199.3	118.0
7.5°	663.3	592.9	549.0	506.8	459.8	412.6	366.7	315.8	262.0	199.5	117.1
5°	675.6	603.7	560.2	516.4	468.8	418.8	371.5	319.3	265.4	198.1	115.5
2.5°	689.6	616.7	572.6	524.8	476.5	424.0	375.2	321.7	268.0	195.3	113.5
0°	700.6	628.0	583.6	531.8	482.9	428.1	377.7	322.9	269.6	191.1	111.1
-2.5°	689.6	616.7	572.6	524.8	476.5	424.0	375.2	321.7	268.0	195.3	113.5
-5°	675.6	603.7	560.2	516.4	468.8	418.8	371.5	319.3	265.4	198.1	115.5
-7.5°	663.3	592.9	549.0	506.8	459.8	412.6	366.7	315.8	262.0	199.5	117.1
-10°	648.9	583.0	540.0	498.1	452.3	406.2	361.0	311.3	258.3	199.3	118.0
-12.5°	631.4	571.6	529.7	488.3	444.2	399.7	354.9	305.8	254.4	197.4	118.3
-15°	610.6	558.5	518.0	477.5	435.1	392.0	347.9	299.5	249.9	193.0	117.8
-17.5°	587.4	543.8	504.9	465.8	425.2	383.3	340.2	292.1	244.7	186.5	118.2
-20°	572.7	530.2	490.6	453.3	414.5	373.5	331.8	283.6	239.0	179.8	119.3



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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°	558.1	517.3	478.1	440.2	402.9	362.8	322.7	274.2	232.9	173.0	119.9
-25°	542.0	502.7	464.8	427.8	390.1	351.5	312.0	263.8	226.3	166.3	120.0
-27.5°	524.6	486.6	450.0	414.2	376.9	339.8	299.4	255.3	218.3	159.8	119.7
-30°	505.6	469.4	434.2	399.4	362.9	327.7	285.8	246.6	208.8	156.8	118.9
-32.5°	485.8	450.7	417.2	383.2	348.6	314.5	271.8	237.8	200.4	155.2	118.9
-35°	465.4	431.6	399.1	366.3	333.4	298.6	259.4	228.9	193.1	153.1	118.7
-37.5°	444.0	412.1	380.0	348.7	317.4	282.9	248.3	219.0	187.1	150.6	117.9
-40°	421.9	391.4	360.8	330.4	300.5	267.4	235.9	208.8	183.1	147.6	116.5
-42.5°	398.6	369.7	340.4	311.3	283.8	252.3	222.5	198.2	174.9	144.8	114.4
-45°	374.4	346.7	318.7	293.3	267.2	235.9	210.2	187.1	165.6	141.6	111.2
-47.5°	348.8	322.1	297.6	274.8	247.3	219.1	197.4	176.3	155.9	137.6	106.7
-50°	321.0	298.1	277.2	252.9	225.9	204.7	184.4	165.1	147.0	129.6	101.5
-52.5°	294.3	275.8	253.9	229.4	208.1	189.9	171.6	153.6	137.8	120.2	95.5
-55°	268.1	250.4	228.4	208.1	190.4	174.9	158.3	143.2	128.4	110.1	89.1
-57.5°	238.7	222.6	204.4	187.3	172.7	159.2	146.0	132.6	117.3	99.8	84.4
-60°	209.0	195.2	180.3	167.3	155.1	144.0	134.2	121.2	105.5	89.7	78.0
-62.5°	179.7	168.3	158.4	147.6	137.5	129.2	121.9	108.0	93.5	80.7	70.7
-65°	151.7	143.9	136.6	127.3	119.6	113.7	106.9	94.7	81.8	71.1	62.7
-67.5°	124.3	118.5	112.5	106.1	102.8	98.4	91.7	80.3	69.5	61.1	53.9
-70°	96.6	92.3	91.3	90.7	88.0	83.0	74.7	64.9	56.8	51.5	45.0
-72.5°	73.9	75.3	76.9	76.6	72.2	65.8	57.5	50.1	46.6	42.0	36.2
-75°	56.9	59.9	61.7	60.6	55.6	49.2	44.0	39.8	36.7	32.5	28.7
-77.5°	43.5	45.5	46.3	45.3	41.2	37.2	33.2	29.6	27.3	24.9	21.7
-80°	30.6	31.5	31.8	31.0	28.1	25.2	23.2	21.3	19.7	17.5	14.7
-82.5°	17.7	18.3	18.8	18.7	17.6	16.3	15.0	13.7	12.2	10.2	9.0
-85°	8.4	8.7	8.7	8.5	8.0	7.4	7.5	7.5	7.1	6.6	6.0
-87.5°	2.5	2.9	3.2	3.4	3.6	3.7	3.8	3.8	3.5	3.3	3.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	2.7	2.1	1.5	1.1	0.6	0.3	0.0
85°	5.4	4.2	3.1	2.1	1.3	0.6	0.0
82.5°	8.0	6.2	4.6	3.2	1.9	1.0	0.0
80°	11.1	8.3	6.1	4.2	2.6	1.3	0.0
77.5°	17.4	11.3	7.6	5.2	3.2	1.6	0.0
75°	23.5	16.1	9.4	6.3	3.8	1.9	0.0
72.5°	29.5	20.7	12.9	7.2	4.4	2.2	0.0
70°	35.6	25.3	16.3	8.5	5.1	2.5	0.0
67.5°	42.6	29.7	19.6	10.8	5.7	2.8	0.0
65°	49.4	34.5	22.8	13.0	6.2	3.1	0.0
62.5°	55.8	39.5	25.9	15.2	6.8	3.4	0.0
60°	61.9	44.3	28.8	17.2	7.4	3.7	0.0
57.5°	66.1	48.8	32.2	19.2	8.7	4.0	0.0
55°	69.6	53.0	35.4	21.1	10.0	4.2	0.0
52.5°	72.6	56.7	38.4	22.9	11.2	4.5	0.0
50°	75.1	58.5	41.2	24.6	12.4	4.8	0.0
47.5°	77.3	59.9	43.8	26.3	13.5	5.0	0.0
45°	81.1	61.0	46.2	28.0	14.6	5.2	0.0
42.5°	84.3	61.7	48.3	29.6	15.6	5.5	0.0
40°	86.9	62.1	49.5	31.3	16.6	5.7	0.0
37.5°	88.9	62.0	49.6	33.1	17.5	5.9	0.0
35°	90.3	62.8	49.5	34.8	18.3	6.1	0.0
32.5°	91.1	63.8	49.2	36.4	19.1	6.2	0.0
30°	91.0	64.4	48.7	38.1	19.9	6.4	0.0
27.5°	90.4	64.6	49.3	39.6	20.5	6.6	0.0
25°	89.4	64.4	49.8	41.1	21.2	6.7	0.0
22.5°	88.0	64.6	50.3	42.5	21.7	6.8	0.0
20°	86.2	66.2	50.7	43.8	22.2	7.0	0.0
17.5°	86.3	67.7	51.0	45.0	22.6	7.1	0.0
15°	87.6	69.0	51.3	46.1	22.9	7.1	0.0
12.5°	88.6	70.1	51.5	47.2	23.2	7.2	0.0
10°	89.4	71.0	51.6	48.1	23.5	7.3	0.0
7.5°	90.0	71.7	51.7	48.9	23.6	7.3	0.0
5°	90.3	72.2	51.8	49.5	23.7	7.4	0.0
2.5°	90.5	72.5	51.8	50.0	23.7	7.4	0.0
0°	90.4	72.6	51.8	50.4	23.7	7.4	0.0
-2.5°	90.5	72.5	51.8	50.0	23.7	7.4	0.0
-5°	90.3	72.2	51.8	49.5	23.7	7.4	0.0
-7.5°	90.0	71.7	51.7	48.9	23.6	7.3	0.0
-10°	89.4	71.0	51.6	48.1	23.5	7.3	0.0
-12.5°	88.6	70.1	51.5	47.2	23.2	7.2	0.0
-15°	87.6	69.0	51.3	46.1	22.9	7.1	0.0
-17.5°	86.3	67.7	51.0	45.0	22.6	7.1	0.0
-20°	86.2	66.2	50.7	43.8	22.2	7.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	88.0	64.6	50.3	42.5	21.7	6.8	0.0
-25°	89.4	64.4	49.8	41.1	21.2	6.7	0.0
-27.5°	90.4	64.6	49.3	39.6	20.5	6.6	0.0
-30°	91.0	64.4	48.7	38.1	19.9	6.4	0.0
-32.5°	91.1	63.8	49.2	36.4	19.1	6.2	0.0
-35°	90.3	62.8	49.5	34.8	18.3	6.1	0.0
-37.5°	88.9	62.0	49.6	33.1	17.5	5.9	0.0
-40°	86.9	62.1	49.5	31.3	16.6	5.7	0.0
-42.5°	84.3	61.7	48.3	29.6	15.6	5.5	0.0
-45°	81.1	61.0	46.2	28.0	14.6	5.2	0.0
-47.5°	77.3	59.9	43.8	26.3	13.5	5.0	0.0
-50°	75.1	58.5	41.2	24.6	12.4	4.8	0.0
-52.5°	72.6	56.7	38.4	22.9	11.2	4.5	0.0
-55°	69.6	53.0	35.4	21.1	10.0	4.2	0.0
-57.5°	66.1	48.8	32.2	19.2	8.7	4.0	0.0
-60°	61.9	44.3	28.8	17.2	7.4	3.7	0.0
-62.5°	55.8	39.5	25.9	15.2	6.8	3.4	0.0
-65°	49.4	34.5	22.8	13.0	6.2	3.1	0.0
-67.5°	42.6	29.7	19.6	10.8	5.7	2.8	0.0
-70°	35.6	25.3	16.3	8.5	5.1	2.5	0.0
-72.5°	29.5	20.7	12.9	7.2	4.4	2.2	0.0
-75°	23.5	16.1	9.4	6.3	3.8	1.9	0.0
-77.5°	17.4	11.3	7.6	5.2	3.2	1.6	0.0
-80°	11.1	8.3	6.1	4.2	2.6	1.3	0.0
-82.5°	8.0	6.2	4.6	3.2	1.9	1.0	0.0
-85°	5.4	4.2	3.1	2.1	1.3	0.6	0.0
-87.5°	2.7	2.1	1.5	1.1	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)