

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: P559101 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-927-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559101 (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-SA5E-927-U-MWR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQUARE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (80) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

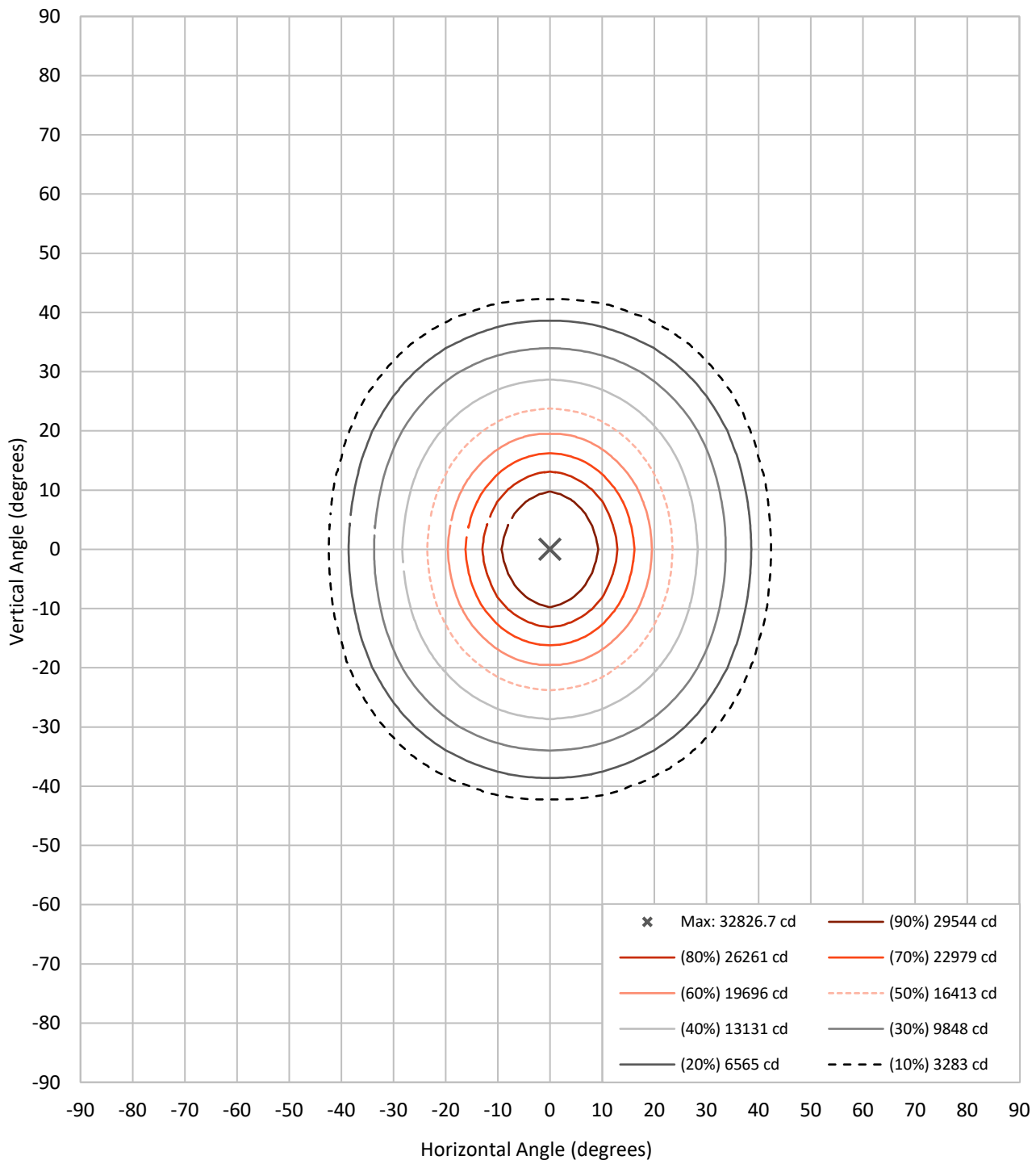
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	25553.8 lumens	Max Intensity:	32826.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	83.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	12058 lumens	Field Lumens:	23202.8 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

Input Watts (W): 307
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





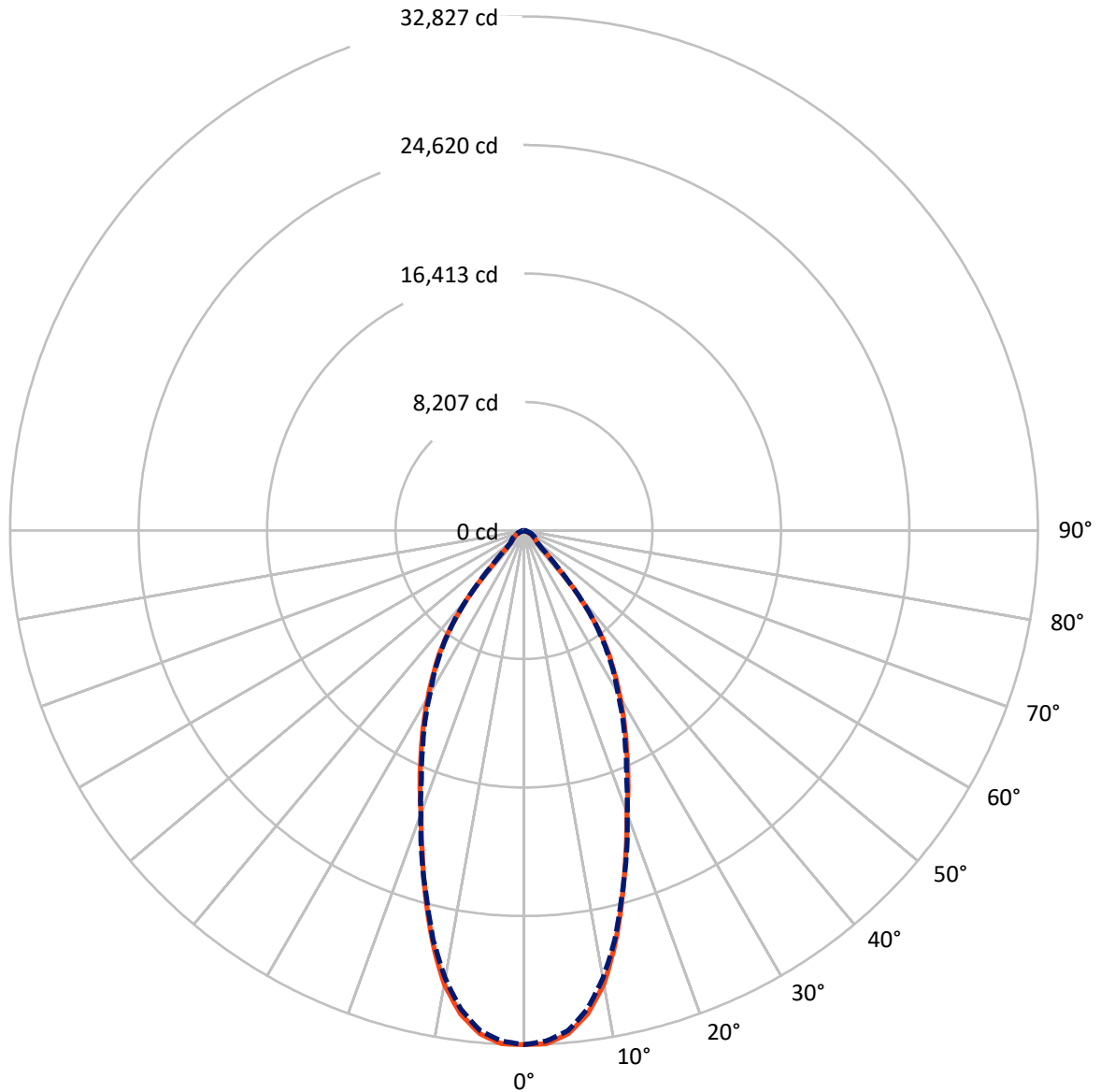
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Lumen Table

90																
80	0.4	3.1		7.0		11.5		9.0		11.5		7.0		3.1		0.4
70																
60	1.8	2.0	3.7	5.8	8.1	10.2	11.7	12.7	12.7	11.7	10.2	8.1	5.8	3.7	2.0	1.8
50		3.1	6.1	10.2	14.7	18.3	20.9	23.1	23.1	20.9	18.3	14.7	10.2	6.1	3.1	
40	2.7	4.1	8.5	14.4	20.9	28.7	45.4	63.6	63.6	45.4	28.7	20.9	14.4	8.5	4.1	2.7
30		4.9	10.7	17.9	33.7	107.7	209.7	267.2	267.2	209.7	107.7	33.7	17.9	10.7	4.9	
20	3.0	5.8	12.5	22.5	98.5	257.3	379.6	459.7	459.7	379.6	257.3	98.5	22.5	12.5	5.8	3.0
10		6.5	13.9	34.4	179.0	355.1	539.5	702.3	702.3	539.5	355.1	179.0	34.4	13.9	6.5	
0	3.1	6.9	15.0	47.5	218.1	414.3	678.6	917.8	917.8	678.6	414.3	218.1	47.5	15.0	6.9	3.1
-10		6.9	15.0	47.5	218.1	414.3	678.6	917.8	917.8	678.6	414.3	218.1	47.5	15.0	6.9	
-20	3.0	6.5	13.9	34.4	179.0	355.1	539.5	702.3	702.3	539.5	355.1	179.0	34.4	13.9	6.5	3.0
-30		5.8	12.5	22.5	98.5	257.3	379.6	459.7	459.7	379.6	257.3	98.5	22.5	12.5	5.8	
-40	2.7	4.9	10.7	17.9	33.7	107.7	209.7	267.2	267.2	209.7	107.7	33.7	17.9	10.7	4.9	2.7
-50		4.1	8.5	14.4	20.9	28.7	45.4	63.6	63.6	45.4	28.7	20.9	14.4	8.5	4.1	
-60	1.8	3.1	6.1	10.2	14.7	18.3	20.9	23.1	23.1	20.9	18.3	14.7	10.2	6.1	3.1	1.8
-70		2.0	3.7	5.8	8.1	10.2	11.7	12.7	12.7	11.7	10.2	8.1	5.8	3.7	2.0	
-80																
-90	0.4	3.1		7.0		11.5		9.0		11.5		7.0		3.1		0.4

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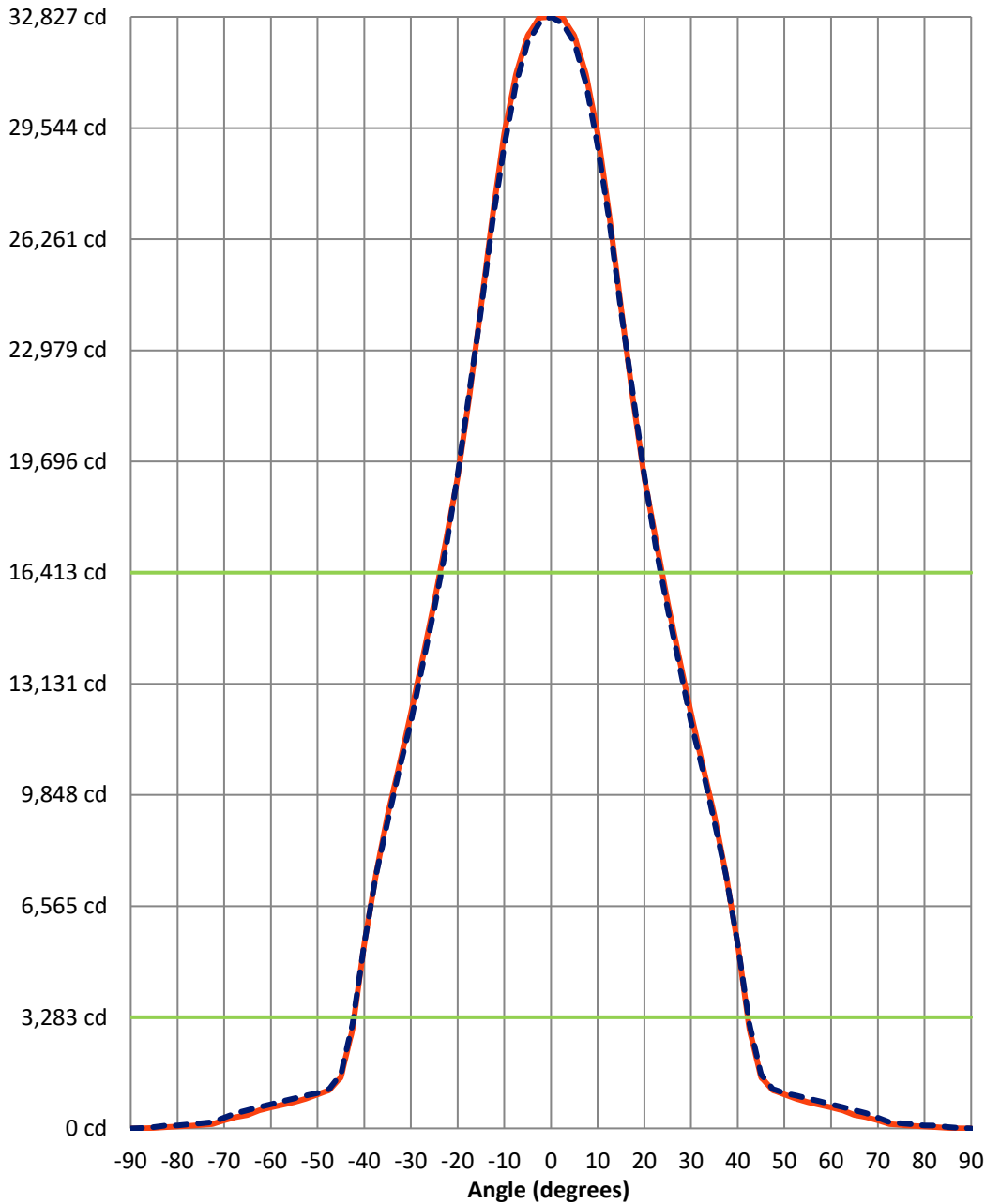
Luminous Intensity Polar Plot



— 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: 12058
Efficiency: 47.2%

Field:
H Angle: 84.6°
V Angle: 84.3°
Lumens: 23202.8
Efficiency: 90.8%

Spill:
Lumens: 2351
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	0.5	1.1	1.8	2.6	3.5	4.5	5.0	5.5	5.9	6.3
85°	0.0	1.1	2.1	3.5	5.1	6.9	8.9	10.0	11.0	11.8	12.5
82.5°	0.0	1.6	3.2	5.3	7.7	10.4	13.3	15.0	16.9	20.2	22.7
80°	0.0	2.1	4.3	7.0	10.2	13.7	18.5	24.4	29.2	32.8	35.4
77.5°	0.0	2.7	5.3	8.7	12.7	18.7	28.9	36.1	41.5	45.5	49.1
75°	0.0	3.2	6.4	10.4	15.7	26.7	39.2	47.8	54.1	61.0	66.2
72.5°	0.0	3.7	7.4	12.0	21.5	34.5	49.2	60.3	69.9	77.6	83.3
70°	0.0	4.2	8.4	14.1	27.2	42.1	59.2	74.9	85.7	94.4	107.9
67.5°	0.0	4.7	9.4	17.9	32.7	49.5	70.9	89.6	101.6	115.6	133.5
65°	0.0	5.2	10.4	21.6	38.0	57.4	82.1	104.3	118.3	136.0	157.4
62.5°	0.0	5.7	11.3	25.2	43.1	65.7	92.8	117.6	134.2	155.6	179.7
60°	0.0	6.1	12.3	28.7	48.0	73.7	103.0	129.7	149.2	175.5	201.6
57.5°	0.0	6.6	14.5	32.0	53.6	81.2	109.9	140.4	166.1	195.1	220.6
55°	0.0	7.1	16.6	35.1	58.9	88.2	115.8	148.3	183.2	213.5	238.2
52.5°	0.0	7.5	18.6	38.1	63.9	94.3	120.8	158.9	200.0	229.2	255.5
50°	0.0	7.9	20.6	40.9	68.6	97.3	124.9	168.8	215.5	244.5	274.7
47.5°	0.0	8.3	22.4	43.7	72.9	99.8	128.8	177.5	228.8	259.4	293.4
45°	0.0	8.7	24.2	46.6	76.8	101.6	135.0	185.0	235.6	275.5	311.4
42.5°	0.0	9.1	25.9	49.3	80.4	102.8	140.3	190.3	240.9	291.0	329.7
40°	0.0	9.4	27.6	52.1	82.3	103.4	144.6	193.7	245.5	304.7	347.5
37.5°	0.0	9.8	29.1	55.0	82.5	103.3	147.9	196.2	250.5	311.4	364.5
35°	0.0	10.1	30.5	57.9	82.4	104.6	150.3	197.6	254.8	321.3	380.8
32.5°	0.0	10.4	31.8	60.6	82.0	106.3	151.5	197.9	258.2	333.4	395.7
30°	0.0	10.7	33.0	63.3	81.1	107.2	151.4	197.9	260.8	347.5	410.4
27.5°	0.0	10.9	34.2	65.9	82.0	107.6	150.5	199.2	265.9	363.4	424.7
25°	0.0	11.1	35.2	68.3	83.0	107.2	148.8	199.7	276.6	376.6	438.9
22.5°	0.0	11.4	36.1	70.7	83.8	107.5	146.5	199.5	287.8	387.5	456.2
20°	0.0	11.6	36.9	72.8	84.4	110.2	143.4	198.4	299.1	397.7	471.9
17.5°	0.0	11.7	37.6	74.9	85.0	112.7	143.6	196.6	310.3	407.2	486.0
15°	0.0	11.9	38.2	76.7	85.4	114.8	145.7	196.0	321.1	415.8	498.3
12.5°	0.0	12.0	38.6	78.4	85.8	116.6	147.4	196.8	328.5	423.4	508.9
10°	0.0	12.1	39.0	79.9	86.0	118.1	148.8	196.3	331.6	429.7	517.9
7.5°	0.0	12.2	39.3	81.2	86.1	119.3	149.7	194.7	331.9	435.9	525.6
5°	0.0	12.3	39.4	82.3	86.2	120.1	150.3	192.2	329.6	441.5	531.3
2.5°	0.0	12.3	39.5	83.2	86.3	120.6	150.5	188.8	324.9	445.9	535.2
0°	0.0	12.3	39.4	83.8	86.3	120.8	150.3	184.8	317.9	448.5	537.3
-2.5°	0.0	12.3	39.5	83.2	86.3	120.6	150.5	188.8	324.9	445.9	535.2
-5°	0.0	12.3	39.4	82.3	86.2	120.1	150.3	192.2	329.6	441.5	531.3
-7.5°	0.0	12.2	39.3	81.2	86.1	119.3	149.7	194.7	331.9	435.9	525.6
-10°	0.0	12.1	39.0	79.9	86.0	118.1	148.8	196.3	331.6	429.7	517.9
-12.5°	0.0	12.0	38.6	78.4	85.8	116.6	147.4	196.8	328.5	423.4	508.9
-15°	0.0	11.9	38.2	76.7	85.4	114.8	145.7	196.0	321.1	415.8	498.3
-17.5°	0.0	11.7	37.6	74.9	85.0	112.7	143.6	196.6	310.3	407.2	486.0
-20°	0.0	11.6	36.9	72.8	84.4	110.2	143.4	198.4	299.1	397.7	471.9



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	11.4	36.1	70.7	83.8	107.5	146.5	199.5	287.8	387.5	456.2
-25°	0.0	11.1	35.2	68.3	83.0	107.2	148.8	199.7	276.6	376.6	438.9
-27.5°	0.0	10.9	34.2	65.9	82.0	107.6	150.5	199.2	265.9	363.4	424.7
-30°	0.0	10.7	33.0	63.3	81.1	107.2	151.4	197.9	260.8	347.5	410.4
-32.5°	0.0	10.4	31.8	60.6	82.0	106.3	151.5	197.9	258.2	333.4	395.7
-35°	0.0	10.1	30.5	57.9	82.4	104.6	150.3	197.6	254.8	321.3	380.8
-37.5°	0.0	9.8	29.1	55.0	82.5	103.3	147.9	196.2	250.5	311.4	364.5
-40°	0.0	9.4	27.6	52.1	82.3	103.4	144.6	193.7	245.5	304.7	347.5
-42.5°	0.0	9.1	25.9	49.3	80.4	102.8	140.3	190.3	240.9	291.0	329.7
-45°	0.0	8.7	24.2	46.6	76.8	101.6	135.0	185.0	235.6	275.5	311.4
-47.5°	0.0	8.3	22.4	43.7	72.9	99.8	128.8	177.5	228.8	259.4	293.4
-50°	0.0	7.9	20.6	40.9	68.6	97.3	124.9	168.8	215.5	244.5	274.7
-52.5°	0.0	7.5	18.6	38.1	63.9	94.3	120.8	158.9	200.0	229.2	255.5
-55°	0.0	7.1	16.6	35.1	58.9	88.2	115.8	148.3	183.2	213.5	238.2
-57.5°	0.0	6.6	14.5	32.0	53.6	81.2	109.9	140.4	166.1	195.1	220.6
-60°	0.0	6.1	12.3	28.7	48.0	73.7	103.0	129.7	149.2	175.5	201.6
-62.5°	0.0	5.7	11.3	25.2	43.1	65.7	92.8	117.6	134.2	155.6	179.7
-65°	0.0	5.2	10.4	21.6	38.0	57.4	82.1	104.3	118.3	136.0	157.4
-67.5°	0.0	4.7	9.4	17.9	32.7	49.5	70.9	89.6	101.6	115.6	133.5
-70°	0.0	4.2	8.4	14.1	27.2	42.1	59.2	74.9	85.7	94.4	107.9
-72.5°	0.0	3.7	7.4	12.0	21.5	34.5	49.2	60.3	69.9	77.6	83.3
-75°	0.0	3.2	6.4	10.4	15.7	26.7	39.2	47.8	54.1	61.0	66.2
-77.5°	0.0	2.7	5.3	8.7	12.7	18.7	28.9	36.1	41.5	45.5	49.1
-80°	0.0	2.1	4.3	7.0	10.2	13.7	18.5	24.4	29.2	32.8	35.4
-82.5°	0.0	1.6	3.2	5.3	7.7	10.4	13.3	15.0	16.9	20.2	22.7
-85°	0.0	1.1	2.1	3.5	5.1	6.9	8.9	10.0	11.0	11.8	12.5
-87.5°	0.0	0.5	1.1	1.8	2.6	3.5	4.5	5.0	5.5	5.9	6.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.3	6.2	6.0	5.7	5.3	4.8	4.2	3.5	3.6	3.8	3.9
85°	12.6	12.4	13.3	14.3	14.6	14.5	14.0	13.1	15.1	17.3	19.6
82.5°	25.0	27.1	29.2	31.2	31.2	30.5	29.4	28.2	32.5	37.9	43.6
80°	38.6	41.9	46.7	51.6	52.9	52.5	50.8	48.1	54.1	62.9	72.8
77.5°	55.2	61.8	68.6	75.3	77.0	75.7	72.4	67.4	74.9	89.2	104.9
75°	73.2	81.7	92.4	100.8	102.6	99.7	94.7	90.3	99.6	117.2	134.0
72.5°	95.7	109.5	120.1	127.5	128.0	125.4	122.9	120.6	130.9	151.8	169.1
70°	124.2	138.1	146.4	150.9	152.0	153.6	160.6	167.2	177.5	195.3	209.5
67.5°	152.6	163.6	171.1	176.5	187.1	197.1	206.7	216.7	228.2	243.3	254.1
65°	177.8	189.2	199.0	211.7	227.2	239.4	252.3	266.4	282.1	296.4	306.7
62.5°	202.8	214.9	228.7	245.6	263.5	279.9	298.9	318.4	337.2	353.3	371.0
60°	223.3	239.5	257.9	278.3	299.9	324.8	347.7	370.2	390.8	411.0	435.9
57.5°	242.8	264.8	287.3	311.7	340.0	370.4	397.2	421.9	447.8	477.0	501.4
55°	263.3	290.9	316.8	346.3	380.0	416.6	446.1	473.8	505.7	540.9	568.2
52.5°	285.4	315.9	346.3	381.7	422.4	458.8	489.6	524.3	563.0	601.1	632.8
50°	306.9	340.6	375.8	420.8	461.2	495.9	534.1	576.0	616.4	655.5	693.0
47.5°	328.5	364.6	411.4	457.3	495.1	535.8	580.4	623.5	665.8	706.6	745.9
45°	349.7	392.4	444.4	488.0	530.1	576.9	623.0	668.0	712.7	756.1	798.9
42.5°	370.2	419.8	472.1	517.8	566.3	615.2	663.3	711.0	758.1	804.6	850.3
40°	392.5	444.8	499.8	549.7	600.3	651.2	701.9	752.3	802.0	851.2	899.7
37.5°	413.1	470.7	528.0	580.2	632.3	685.6	738.7	792.1	844.5	895.8	951.0
35°	431.5	496.8	554.8	609.5	664.0	718.1	774.3	830.4	885.6	941.3	1011.7
32.5°	452.2	523.2	580.0	637.7	694.1	749.8	808.2	867.6	926.4	991.4	1092.6
30°	475.5	545.2	603.9	664.5	722.3	780.9	841.3	903.3	965.1	1066.2	1300.0
27.5°	498.1	565.5	627.2	689.2	748.7	809.5	872.8	937.0	1023.2	1178.6	1557.9
25°	519.2	584.9	649.0	711.8	773.3	836.3	901.7	968.4	1085.4	1399.5	2237.5
22.5°	536.9	603.6	670.3	732.4	795.4	860.6	928.6	1017.1	1197.8	1622.4	2993.5
20°	552.0	621.5	689.6	754.2	816.2	882.2	952.9	1063.4	1368.7	2258.8	3899.5
17.5°	566.0	637.7	707.4	774.9	840.1	904.7	977.3	1103.5	1522.5	2811.8	4810.5
15°	578.9	652.2	723.9	794.4	861.8	929.1	1015.8	1217.2	1833.6	3360.9	5622.0
12.5°	590.5	665.0	739.0	812.4	881.3	950.9	1050.4	1330.2	2214.7	4005.1	6175.8
10°	600.7	675.9	752.6	828.7	898.5	970.0	1079.6	1423.1	2528.0	4534.9	6620.9
7.5°	610.1	686.5	765.1	843.3	913.4	986.4	1103.5	1495.5	2770.0	4934.0	6976.0
5°	618.0	696.8	779.9	859.1	932.0	1004.3	1124.0	1547.5	2940.0	5202.9	7234.7
2.5°	624.2	705.5	792.8	873.1	952.6	1026.0	1147.4	1586.0	3049.6	5374.1	7400.1
0°	628.4	712.2	803.4	884.7	971.0	1044.9	1165.7	1604.4	3090.4	5436.6	7462.4
-2.5°	624.2	705.5	792.8	873.1	952.6	1026.0	1147.4	1586.0	3049.6	5374.1	7400.1
-5°	618.0	696.8	779.9	859.1	932.0	1004.3	1124.0	1547.5	2940.0	5202.9	7234.7
-7.5°	610.1	686.5	765.1	843.3	913.4	986.4	1103.5	1495.5	2770.0	4934.0	6976.0
-10°	600.7	675.9	752.6	828.7	898.5	970.0	1079.6	1423.1	2528.0	4534.9	6620.9
-12.5°	590.5	665.0	739.0	812.4	881.3	950.9	1050.4	1330.2	2214.7	4005.1	6175.8
-15°	578.9	652.2	723.9	794.4	861.8	929.1	1015.8	1217.2	1833.6	3360.9	5622.0
-17.5°	566.0	637.7	707.4	774.9	840.1	904.7	977.3	1103.5	1522.5	2811.8	4810.5
-20°	552.0	621.5	689.6	754.2	816.2	882.2	952.9	1063.4	1368.7	2258.8	3899.5



REPORT NUMBER: P559101 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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°	536.9	603.6	670.3	732.4	795.4	860.6	928.6	1017.1	1197.8	1622.4	2993.5
-25°	519.2	584.9	649.0	711.8	773.3	836.3	901.7	968.4	1085.4	1399.5	2237.5
-27.5°	498.1	565.5	627.2	689.2	748.7	809.5	872.8	937.0	1023.2	1178.6	1557.9
-30°	475.5	545.2	603.9	664.5	722.3	780.9	841.3	903.3	965.1	1066.2	1300.0
-32.5°	452.2	523.2	580.0	637.7	694.1	749.8	808.2	867.6	926.4	991.4	1092.6
-35°	431.5	496.8	554.8	609.5	664.0	718.1	774.3	830.4	885.6	941.3	1011.7
-37.5°	413.1	470.7	528.0	580.2	632.3	685.6	738.7	792.1	844.5	895.8	951.0
-40°	392.5	444.8	499.8	549.7	600.3	651.2	701.9	752.3	802.0	851.2	899.7
-42.5°	370.2	419.8	472.1	517.8	566.3	615.2	663.3	711.0	758.1	804.6	850.3
-45°	349.7	392.4	444.4	488.0	530.1	576.9	623.0	668.0	712.7	756.1	798.9
-47.5°	328.5	364.6	411.4	457.3	495.1	535.8	580.4	623.5	665.8	706.6	745.9
-50°	306.9	340.6	375.8	420.8	461.2	495.9	534.1	576.0	616.4	655.5	693.0
-52.5°	285.4	315.9	346.3	381.7	422.4	458.8	489.6	524.3	563.0	601.1	632.8
-55°	263.3	290.9	316.8	346.3	380.0	416.6	446.1	473.8	505.7	540.9	568.2
-57.5°	242.8	264.8	287.3	311.7	340.0	370.4	397.2	421.9	447.8	477.0	501.4
-60°	223.3	239.5	257.9	278.3	299.9	324.8	347.7	370.2	390.8	411.0	435.9
-62.5°	202.8	214.9	228.7	245.6	263.5	279.9	298.9	318.4	337.2	353.3	371.0
-65°	177.8	189.2	199.0	211.7	227.2	239.4	252.3	266.4	282.1	296.4	306.7
-67.5°	152.6	163.6	171.1	176.5	187.1	197.1	206.7	216.7	228.2	243.3	254.1
-70°	124.2	138.1	146.4	150.9	152.0	153.6	160.6	167.2	177.5	195.3	209.5
-72.5°	95.7	109.5	120.1	127.5	128.0	125.4	122.9	120.6	130.9	151.8	169.1
-75°	73.2	81.7	92.4	100.8	102.6	99.7	94.7	90.3	99.6	117.2	134.0
-77.5°	55.2	61.8	68.6	75.3	77.0	75.7	72.4	67.4	74.9	89.2	104.9
-80°	38.6	41.9	46.7	51.6	52.9	52.5	50.8	48.1	54.1	62.9	72.8
-82.5°	25.0	27.1	29.2	31.2	31.2	30.5	29.4	28.2	32.5	37.9	43.6
-85°	12.6	12.4	13.3	14.3	14.6	14.5	14.0	13.1	15.1	17.3	19.6
-87.5°	6.3	6.2	6.0	5.7	5.3	4.8	4.2	3.5	3.6	3.8	3.9
-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: P559101 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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°	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.7	4.2	3.6
85°	22.1	21.5	20.3	18.8	17.0	18.0	19.0	20.0	21.0	19.6	18.1
82.5°	49.7	50.3	50.3	50.2	50.0	52.1	54.2	56.0	57.5	53.2	48.1
80°	83.8	87.8	90.1	92.2	94.1	94.1	92.9	90.6	87.5	80.1	71.8
77.5°	121.1	127.3	130.5	133.6	136.8	138.0	138.7	139.6	140.4	127.4	110.8
75°	150.1	159.4	164.9	169.9	174.5	177.2	178.7	179.6	180.0	164.3	144.1
72.5°	183.1	192.3	198.8	205.1	210.9	214.6	216.8	218.5	219.6	205.9	186.6
70°	219.6	226.8	234.6	242.3	249.4	254.2	257.4	260.0	261.9	260.6	259.6
67.5°	262.6	268.9	278.4	285.7	293.2	298.5	304.0	308.4	311.7	315.3	319.4
65°	316.5	331.7	345.5	352.6	353.6	361.2	373.7	381.8	385.8	389.0	393.1
62.5°	391.5	410.0	419.9	431.6	446.9	461.0	466.4	473.7	482.4	492.9	504.9
60°	455.8	471.1	486.9	503.2	517.2	528.9	541.6	554.2	565.7	576.2	586.5
57.5°	521.6	538.3	554.4	573.5	586.8	594.7	607.0	622.2	633.8	643.0	656.7
55°	589.8	611.4	633.3	650.5	663.0	671.3	680.7	695.2	703.9	707.2	723.2
52.5°	658.4	683.9	710.9	731.0	744.4	756.8	768.3	781.0	789.8	794.1	809.7
50°	721.9	752.3	782.3	808.6	826.4	847.0	870.3	881.9	889.4	897.7	915.1
47.5°	782.3	816.3	848.5	878.1	903.8	927.0	947.1	966.5	995.0	1017.7	1040.2
45°	840.4	876.6	911.5	944.8	973.5	1018.8	1062.0	1098.8	1197.2	1279.8	1342.8
42.5°	895.0	938.8	978.1	1033.7	1094.1	1198.9	1360.7	1510.7	1800.8	2174.3	2486.2
40°	952.0	1008.9	1079.2	1187.3	1391.9	1602.3	2231.3	2791.7	3342.9	3969.7	4506.9
37.5°	1018.5	1104.2	1310.2	1554.6	2210.7	2936.4	3827.7	4702.6	5464.4	6116.3	6660.5
35°	1106.7	1371.4	1756.2	2646.6	3616.0	4805.8	5833.1	6655.9	7408.5	8012.5	8467.2
32.5°	1366.3	1850.6	2867.1	4091.8	5425.1	6574.7	7575.3	8363.1	9049.6	9591.0	10012.4
30°	1746.5	2859.6	4240.1	5706.9	7034.9	8132.6	9057.0	9808.0	10420.9	10971.7	11434.1
27.5°	2650.0	4082.4	5704.9	7201.0	8408.9	9436.6	10265.9	11009.8	11685.4	12265.5	12812.2
25°	3638.7	5411.8	7048.4	8410.0	9537.4	10501.4	11376.2	12189.8	12946.2	13625.1	14261.1
22.5°	4826.0	6594.3	8158.5	9418.7	10511.1	11501.5	12430.6	13336.1	14216.6	15045.1	15814.6
20°	5901.0	7636.6	9000.5	10259.1	11394.0	12426.0	13449.9	14505.4	15521.5	16519.4	17446.0
17.5°	6738.7	8353.3	9722.6	10998.3	12153.5	13322.2	14494.1	15706.4	16932.0	18090.8	19199.2
15°	7438.2	8951.2	10338.8	11614.4	12884.6	14174.1	15483.2	16911.3	18369.3	19756.3	21169.0
12.5°	7934.0	9450.1	10856.9	12136.8	13560.9	14960.7	16484.6	18112.2	19796.0	21411.6	23146.9
10°	8332.7	9848.1	11243.1	12623.2	14130.2	15682.4	17391.6	19184.3	21193.5	23106.6	24976.3
7.5°	8674.8	10180.2	11553.4	13019.8	14604.0	16310.0	18168.9	20195.8	22370.1	24498.9	26724.4
5°	8925.1	10406.6	11794.5	13344.9	14968.2	16768.6	18768.5	20934.2	23266.1	25598.5	27799.5
2.5°	9057.6	10535.6	11944.4	13546.7	15181.8	17046.3	19129.2	21424.8	23887.8	26432.9	28603.0
0°	9054.5	10589.8	12002.0	13682.7	15338.8	17130.5	19284.5	21739.1	24141.9	26786.3	29014.2
-2.5°	9057.6	10535.6	11944.4	13546.7	15181.8	17046.3	19129.2	21424.8	23887.8	26432.9	28603.0
-5°	8925.1	10406.6	11794.5	13344.9	14968.2	16768.6	18768.5	20934.2	23266.1	25598.5	27799.5
-7.5°	8674.8	10180.2	11553.4	13019.8	14604.0	16310.0	18168.9	20195.8	22370.1	24498.9	26724.4
-10°	8332.7	9848.1	11243.1	12623.2	14130.2	15682.4	17391.6	19184.3	21193.5	23106.6	24976.3
-12.5°	7934.0	9450.1	10856.9	12136.8	13560.9	14960.7	16484.6	18112.2	19796.0	21411.6	23146.9
-15°	7438.2	8951.2	10338.8	11614.4	12884.6	14174.1	15483.2	16911.3	18369.3	19756.3	21169.0
-17.5°	6738.7	8353.3	9722.6	10998.3	12153.5	13322.2	14494.1	15706.4	16932.0	18090.8	19199.2
-20°	5901.0	7636.6	9000.5	10259.1	11394.0	12426.0	13449.9	14505.4	15521.5	16519.4	17446.0



REPORT NUMBER: P559101 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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°	4826.0	6594.3	8158.5	9418.7	10511.1	11501.5	12430.6	13336.1	14216.6	15045.1	15814.6
-25°	3638.7	5411.8	7048.4	8410.0	9537.4	10501.4	11376.2	12189.8	12946.2	13625.1	14261.1
-27.5°	2650.0	4082.4	5704.9	7201.0	8408.9	9436.6	10265.9	11009.8	11685.4	12265.5	12812.2
-30°	1746.5	2859.6	4240.1	5706.9	7034.9	8132.6	9057.0	9808.0	10420.9	10971.7	11434.1
-32.5°	1366.3	1850.6	2867.1	4091.8	5425.1	6574.7	7575.3	8363.1	9049.6	9591.0	10012.4
-35°	1106.7	1371.4	1756.2	2646.6	3616.0	4805.8	5833.1	6655.9	7408.5	8012.5	8467.2
-37.5°	1018.5	1104.2	1310.2	1554.6	2210.7	2936.4	3827.7	4702.6	5464.4	6116.3	6660.5
-40°	952.0	1008.9	1079.2	1187.3	1391.9	1602.3	2231.3	2791.7	3342.9	3969.7	4506.9
-42.5°	895.0	938.8	978.1	1033.7	1094.1	1198.9	1360.7	1510.7	1800.8	2174.3	2486.2
-45°	840.4	876.6	911.5	944.8	973.5	1018.8	1062.0	1098.8	1197.2	1279.8	1342.8
-47.5°	782.3	816.3	848.5	878.1	903.8	927.0	947.1	966.5	995.0	1017.7	1040.2
-50°	721.9	752.3	782.3	808.6	826.4	847.0	870.3	881.9	889.4	897.7	915.1
-52.5°	658.4	683.9	710.9	731.0	744.4	756.8	768.3	781.0	789.8	794.1	809.7
-55°	589.8	611.4	633.3	650.5	663.0	671.3	680.7	695.2	703.9	707.2	723.2
-57.5°	521.6	538.3	554.4	573.5	586.8	594.7	607.0	622.2	633.8	643.0	656.7
-60°	455.8	471.1	486.9	503.2	517.2	528.9	541.6	554.2	565.7	576.2	586.5
-62.5°	391.5	410.0	419.9	431.6	446.9	461.0	466.4	473.7	482.4	492.9	504.9
-65°	316.5	331.7	345.5	352.6	353.6	361.2	373.7	381.8	385.8	389.0	393.1
-67.5°	262.6	268.9	278.4	285.7	293.2	298.5	304.0	308.4	311.7	315.3	319.4
-70°	219.6	226.8	234.6	242.3	249.4	254.2	257.4	260.0	261.9	260.6	259.6
-72.5°	183.1	192.3	198.8	205.1	210.9	214.6	216.8	218.5	219.6	205.9	186.6
-75°	150.1	159.4	164.9	169.9	174.5	177.2	178.7	179.6	180.0	164.3	144.1
-77.5°	121.1	127.3	130.5	133.6	136.8	138.0	138.7	139.6	140.4	127.4	110.8
-80°	83.8	87.8	90.1	92.2	94.1	94.1	92.9	90.6	87.5	80.1	71.8
-82.5°	49.7	50.3	50.3	50.2	50.0	52.1	54.2	56.0	57.5	53.2	48.1
-85°	22.1	21.5	20.3	18.8	17.0	18.0	19.0	20.0	21.0	19.6	18.1
-87.5°	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.7	4.2	3.6
-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: P559101 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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°	3.1	2.5	2.5	2.5	2.5	2.5	3.1	3.6	4.2	4.7	4.7
85°	16.4	14.7	14.8	14.8	14.8	14.7	16.4	18.1	19.6	21.0	20.0
82.5°	42.6	36.8	36.9	37.0	36.9	36.8	42.6	48.1	53.2	57.5	56.0
80°	63.2	54.2	55.4	56.7	55.4	54.2	63.2	71.8	80.1	87.5	90.6
77.5°	93.1	74.4	73.8	73.9	73.8	74.4	93.1	110.8	127.4	140.4	139.6
75°	123.3	101.9	100.8	101.0	100.8	101.9	123.3	144.1	164.3	180.0	179.6
72.5°	166.7	146.2	137.0	128.2	137.0	146.2	166.7	186.6	205.9	219.6	218.5
70°	259.8	260.3	251.3	239.1	251.3	260.3	259.8	259.6	260.6	261.9	260.0
67.5°	322.8	325.5	329.3	332.7	329.3	325.5	322.8	319.4	315.3	311.7	308.4
65°	394.9	394.7	396.1	396.8	396.1	394.7	394.9	393.1	389.0	385.8	381.8
62.5°	515.3	523.6	529.4	532.3	529.4	523.6	515.3	504.9	492.9	482.4	473.7
60°	595.1	601.9	611.5	621.0	611.5	601.9	595.1	586.5	576.2	565.7	554.2
57.5°	669.6	681.1	690.5	697.4	690.5	681.1	669.6	656.7	643.0	633.8	622.2
55°	738.4	751.8	764.7	776.3	764.7	751.8	738.4	723.2	707.2	703.9	695.2
52.5°	824.8	835.8	854.1	877.4	854.1	835.8	824.8	809.7	794.1	789.8	781.0
50°	935.2	951.9	975.1	1003.0	975.1	951.9	935.2	915.1	897.7	889.4	881.9
47.5°	1062.9	1079.7	1101.9	1131.2	1101.9	1079.7	1062.9	1040.2	1017.7	995.0	966.5
45°	1400.5	1439.9	1476.0	1515.6	1476.0	1439.9	1400.5	1342.8	1279.8	1197.2	1098.8
42.5°	2736.2	2909.0	2983.7	2940.1	2983.7	2909.0	2736.2	2486.2	2174.3	1800.8	1510.7
40°	4916.4	5203.8	5372.9	5431.7	5372.9	5203.8	4916.4	4506.9	3969.7	3342.9	2791.7
37.5°	7058.1	7322.5	7465.3	7482.1	7465.3	7322.5	7058.1	6660.5	6116.3	5464.4	4702.6
35°	8795.4	9013.2	9142.3	9239.3	9142.3	9013.2	8795.4	8467.2	8012.5	7408.5	6655.9
32.5°	10355.6	10603.9	10747.5	10715.5	10747.5	10603.9	10355.6	10012.4	9591.0	9049.6	8363.1
30°	11813.2	12084.7	12253.3	12258.3	12253.3	12084.7	11813.2	11434.1	10971.7	10420.9	9808.0
27.5°	13254.2	13559.0	13734.8	13872.5	13734.8	13559.0	13254.2	12812.2	12265.5	11685.4	11009.8
25°	14791.4	15171.4	15397.0	15533.5	15397.0	15171.4	14791.4	14261.1	13625.1	12946.2	12189.8
22.5°	16448.9	16919.5	17228.7	17357.2	17228.7	16919.5	16448.9	15814.6	15045.1	14216.6	13336.1
20°	18251.8	18835.0	19229.8	19217.9	19229.8	18835.0	18251.8	17446.0	16519.4	15521.5	14505.4
17.5°	20263.5	21015.8	21525.0	21598.6	21525.0	21015.8	20263.5	19199.2	18090.8	16932.0	15706.4
15°	22420.2	23390.2	24048.7	24252.8	24048.7	23390.2	22420.2	21169.0	19756.3	18369.3	16911.3
12.5°	24630.4	25784.1	26662.0	26953.9	26662.0	25784.1	24630.4	23146.9	21411.6	19796.0	18112.2
10°	26736.3	28014.1	28967.0	29388.8	28967.0	28014.1	26736.3	24976.3	23106.6	21193.5	19184.3
7.5°	28496.5	29795.0	30776.5	31123.8	30776.5	29795.0	28496.5	26724.4	24498.9	22370.1	20195.8
5°	29656.4	31074.9	31838.1	32267.3	31838.1	31074.9	29656.4	27799.5	25598.5	23266.1	20934.2
2.5°	30431.2	31634.1	32407.1	32802.1	32407.1	31634.1	30431.2	28603.0	26432.9	23887.8	21424.8
0°	30842.8	32067.7	32634.5	32826.7	32634.5	32067.7	30842.8	29014.2	26786.3	24141.9	21739.1
-2.5°	30431.2	31634.1	32407.1	32802.1	32407.1	31634.1	30431.2	28603.0	26432.9	23887.8	21424.8
-5°	29656.4	31074.9	31838.1	32267.3	31838.1	31074.9	29656.4	27799.5	25598.5	23266.1	20934.2
-7.5°	28496.5	29795.0	30776.5	31123.8	30776.5	29795.0	28496.5	26724.4	24498.9	22370.1	20195.8
-10°	26736.3	28014.1	28967.0	29388.8	28967.0	28014.1	26736.3	24976.3	23106.6	21193.5	19184.3
-12.5°	24630.4	25784.1	26662.0	26953.9	26662.0	25784.1	24630.4	23146.9	21411.6	19796.0	18112.2
-15°	22420.2	23390.2	24048.7	24252.8	24048.7	23390.2	22420.2	21169.0	19756.3	18369.3	16911.3
-17.5°	20263.5	21015.8	21525.0	21598.6	21525.0	21015.8	20263.5	19199.2	18090.8	16932.0	15706.4
-20°	18251.8	18835.0	19229.8	19217.9	19229.8	18835.0	18251.8	17446.0	16519.4	15521.5	14505.4



REPORT NUMBER: P559101 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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°	16448.9	16919.5	17228.7	17357.2	17228.7	16919.5	16448.9	15814.6	15045.1	14216.6	13336.1
-25°	14791.4	15171.4	15397.0	15533.5	15397.0	15171.4	14791.4	14261.1	13625.1	12946.2	12189.8
-27.5°	13254.2	13559.0	13734.8	13872.5	13734.8	13559.0	13254.2	12812.2	12265.5	11685.4	11009.8
-30°	11813.2	12084.7	12253.3	12258.3	12253.3	12084.7	11813.2	11434.1	10971.7	10420.9	9808.0
-32.5°	10355.6	10603.9	10747.5	10715.5	10747.5	10603.9	10355.6	10012.4	9591.0	9049.6	8363.1
-35°	8795.4	9013.2	9142.3	9239.3	9142.3	9013.2	8795.4	8467.2	8012.5	7408.5	6655.9
-37.5°	7058.1	7322.5	7465.3	7482.1	7465.3	7322.5	7058.1	6660.5	6116.3	5464.4	4702.6
-40°	4916.4	5203.8	5372.9	5431.7	5372.9	5203.8	4916.4	4506.9	3969.7	3342.9	2791.7
-42.5°	2736.2	2909.0	2983.7	2940.1	2983.7	2909.0	2736.2	2486.2	2174.3	1800.8	1510.7
-45°	1400.5	1439.9	1476.0	1515.6	1476.0	1439.9	1400.5	1342.8	1279.8	1197.2	1098.8
-47.5°	1062.9	1079.7	1101.9	1131.2	1101.9	1079.7	1062.9	1040.2	1017.7	995.0	966.5
-50°	935.2	951.9	975.1	1003.0	975.1	951.9	935.2	915.1	897.7	889.4	881.9
-52.5°	824.8	835.8	854.1	877.4	854.1	835.8	824.8	809.7	794.1	789.8	781.0
-55°	738.4	751.8	764.7	776.3	764.7	751.8	738.4	723.2	707.2	703.9	695.2
-57.5°	669.6	681.1	690.5	697.4	690.5	681.1	669.6	656.7	643.0	633.8	622.2
-60°	595.1	601.9	611.5	621.0	611.5	601.9	595.1	586.5	576.2	565.7	554.2
-62.5°	515.3	523.6	529.4	532.3	529.4	523.6	515.3	504.9	492.9	482.4	473.7
-65°	394.9	394.7	396.1	396.8	396.1	394.7	394.9	393.1	389.0	385.8	381.8
-67.5°	322.8	325.5	329.3	332.7	329.3	325.5	322.8	319.4	315.3	311.7	308.4
-70°	259.8	260.3	251.3	239.1	251.3	260.3	259.8	259.6	260.6	261.9	260.0
-72.5°	166.7	146.2	137.0	128.2	137.0	146.2	166.7	186.6	205.9	219.6	218.5
-75°	123.3	101.9	100.8	101.0	100.8	101.9	123.3	144.1	164.3	180.0	179.6
-77.5°	93.1	74.4	73.8	73.9	73.8	74.4	93.1	110.8	127.4	140.4	139.6
-80°	63.2	54.2	55.4	56.7	55.4	54.2	63.2	71.8	80.1	87.5	90.6
-82.5°	42.6	36.8	36.9	37.0	36.9	36.8	42.6	48.1	53.2	57.5	56.0
-85°	16.4	14.7	14.8	14.8	14.8	14.7	16.4	18.1	19.6	21.0	20.0
-87.5°	3.1	2.5	2.5	2.5	2.5	2.5	3.1	3.6	4.2	4.7	4.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559101 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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°	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.6	3.5
85°	19.0	18.0	17.0	18.8	20.3	21.5	22.1	19.6	17.3	15.1	13.1
82.5°	54.2	52.1	50.0	50.2	50.3	50.3	49.7	43.6	37.9	32.5	28.2
80°	92.9	94.1	94.1	92.2	90.1	87.8	83.8	72.8	62.9	54.1	48.1
77.5°	138.7	138.0	136.8	133.6	130.5	127.3	121.1	104.9	89.2	74.9	67.4
75°	178.7	177.2	174.5	169.9	164.9	159.4	150.1	134.0	117.2	99.6	90.3
72.5°	216.8	214.6	210.9	205.1	198.8	192.3	183.1	169.1	151.8	130.9	120.6
70°	257.4	254.2	249.4	242.3	234.6	226.8	219.6	209.5	195.3	177.5	167.2
67.5°	304.0	298.5	293.2	285.7	278.4	268.9	262.6	254.1	243.3	228.2	216.7
65°	373.7	361.2	353.6	352.6	345.5	331.7	316.5	306.7	296.4	282.1	266.4
62.5°	466.4	461.0	446.9	431.6	419.9	410.0	391.5	371.0	353.3	337.2	318.4
60°	541.6	528.9	517.2	503.2	486.9	471.1	455.8	435.9	411.0	390.8	370.2
57.5°	607.0	594.7	586.8	573.5	554.4	538.3	521.6	501.4	477.0	447.8	421.9
55°	680.7	671.3	663.0	650.5	633.3	611.4	589.8	568.2	540.9	505.7	473.8
52.5°	768.3	756.8	744.4	731.0	710.9	683.9	658.4	632.8	601.1	563.0	524.3
50°	870.3	847.0	826.4	808.6	782.3	752.3	721.9	693.0	655.5	616.4	576.0
47.5°	947.1	927.0	903.8	878.1	848.5	816.3	782.3	745.9	706.6	665.8	623.5
45°	1062.0	1018.8	973.5	944.8	911.5	876.6	840.4	798.9	756.1	712.7	668.0
42.5°	1360.7	1198.9	1094.1	1033.7	978.1	938.8	895.0	850.3	804.6	758.1	711.0
40°	2231.3	1602.3	1391.9	1187.3	1079.2	1008.9	952.0	899.7	851.2	802.0	752.3
37.5°	3827.7	2936.4	2210.7	1554.6	1310.2	1104.2	1018.5	951.0	895.8	844.5	792.1
35°	5833.1	4805.8	3616.0	2646.6	1756.2	1371.4	1106.7	1011.7	941.3	885.6	830.4
32.5°	7575.3	6574.7	5425.1	4091.8	2867.1	1850.6	1366.3	1092.6	991.4	926.4	867.6
30°	9057.0	8132.6	7034.9	5706.9	4240.1	2859.6	1746.5	1300.0	1066.2	965.1	903.3
27.5°	10265.9	9436.6	8408.9	7201.0	5704.9	4082.4	2650.0	1557.9	1178.6	1023.2	937.0
25°	11376.2	10501.4	9537.4	8410.0	7048.4	5411.8	3638.7	2237.5	1399.5	1085.4	968.4
22.5°	12430.6	11501.5	10511.1	9418.7	8158.5	6594.3	4826.0	2993.5	1622.4	1197.8	1017.1
20°	13449.9	12426.0	11394.0	10259.1	9000.5	7636.6	5901.0	3899.5	2258.8	1368.7	1063.4
17.5°	14494.1	13322.2	12153.5	10998.3	9722.6	8353.3	6738.7	4810.5	2811.8	1522.5	1103.5
15°	15483.2	14174.1	12884.6	11614.4	10338.8	8951.2	7438.2	5622.0	3360.9	1833.6	1217.2
12.5°	16484.6	14960.7	13560.9	12136.8	10856.9	9450.1	7934.0	6175.8	4005.1	2214.7	1330.2
10°	17391.6	15682.4	14130.2	12623.2	11243.1	9848.1	8332.7	6620.9	4534.9	2528.0	1423.1
7.5°	18168.9	16310.0	14604.0	13019.8	11553.4	10180.2	8674.8	6976.0	4934.0	2770.0	1495.5
5°	18768.5	16768.6	14968.2	13344.9	11794.5	10406.6	8925.1	7234.7	5202.9	2940.0	1547.5
2.5°	19129.2	17046.3	15181.8	13546.7	11944.4	10535.6	9057.6	7400.1	5374.1	3049.6	1586.0
0°	19284.5	17130.5	15338.8	13682.7	12002.0	10589.8	9054.5	7462.4	5436.6	3090.4	1604.4
-2.5°	19129.2	17046.3	15181.8	13546.7	11944.4	10535.6	9057.6	7400.1	5374.1	3049.6	1586.0
-5°	18768.5	16768.6	14968.2	13344.9	11794.5	10406.6	8925.1	7234.7	5202.9	2940.0	1547.5
-7.5°	18168.9	16310.0	14604.0	13019.8	11553.4	10180.2	8674.8	6976.0	4934.0	2770.0	1495.5
-10°	17391.6	15682.4	14130.2	12623.2	11243.1	9848.1	8332.7	6620.9	4534.9	2528.0	1423.1
-12.5°	16484.6	14960.7	13560.9	12136.8	10856.9	9450.1	7934.0	6175.8	4005.1	2214.7	1330.2
-15°	15483.2	14174.1	12884.6	11614.4	10338.8	8951.2	7438.2	5622.0	3360.9	1833.6	1217.2
-17.5°	14494.1	13322.2	12153.5	10998.3	9722.6	8353.3	6738.7	4810.5	2811.8	1522.5	1103.5
-20°	13449.9	12426.0	11394.0	10259.1	9000.5	7636.6	5901.0	3899.5	2258.8	1368.7	1063.4



REPORT NUMBER: P559101 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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°	12430.6	11501.5	10511.1	9418.7	8158.5	6594.3	4826.0	2993.5	1622.4	1197.8	1017.1
-25°	11376.2	10501.4	9537.4	8410.0	7048.4	5411.8	3638.7	2237.5	1399.5	1085.4	968.4
-27.5°	10265.9	9436.6	8408.9	7201.0	5704.9	4082.4	2650.0	1557.9	1178.6	1023.2	937.0
-30°	9057.0	8132.6	7034.9	5706.9	4240.1	2859.6	1746.5	1300.0	1066.2	965.1	903.3
-32.5°	7575.3	6574.7	5425.1	4091.8	2867.1	1850.6	1366.3	1092.6	991.4	926.4	867.6
-35°	5833.1	4805.8	3616.0	2646.6	1756.2	1371.4	1106.7	1011.7	941.3	885.6	830.4
-37.5°	3827.7	2936.4	2210.7	1554.6	1310.2	1104.2	1018.5	951.0	895.8	844.5	792.1
-40°	2231.3	1602.3	1391.9	1187.3	1079.2	1008.9	952.0	899.7	851.2	802.0	752.3
-42.5°	1360.7	1198.9	1094.1	1033.7	978.1	938.8	895.0	850.3	804.6	758.1	711.0
-45°	1062.0	1018.8	973.5	944.8	911.5	876.6	840.4	798.9	756.1	712.7	668.0
-47.5°	947.1	927.0	903.8	878.1	848.5	816.3	782.3	745.9	706.6	665.8	623.5
-50°	870.3	847.0	826.4	808.6	782.3	752.3	721.9	693.0	655.5	616.4	576.0
-52.5°	768.3	756.8	744.4	731.0	710.9	683.9	658.4	632.8	601.1	563.0	524.3
-55°	680.7	671.3	663.0	650.5	633.3	611.4	589.8	568.2	540.9	505.7	473.8
-57.5°	607.0	594.7	586.8	573.5	554.4	538.3	521.6	501.4	477.0	447.8	421.9
-60°	541.6	528.9	517.2	503.2	486.9	471.1	455.8	435.9	411.0	390.8	370.2
-62.5°	466.4	461.0	446.9	431.6	419.9	410.0	391.5	371.0	353.3	337.2	318.4
-65°	373.7	361.2	353.6	352.6	345.5	331.7	316.5	306.7	296.4	282.1	266.4
-67.5°	304.0	298.5	293.2	285.7	278.4	268.9	262.6	254.1	243.3	228.2	216.7
-70°	257.4	254.2	249.4	242.3	234.6	226.8	219.6	209.5	195.3	177.5	167.2
-72.5°	216.8	214.6	210.9	205.1	198.8	192.3	183.1	169.1	151.8	130.9	120.6
-75°	178.7	177.2	174.5	169.9	164.9	159.4	150.1	134.0	117.2	99.6	90.3
-77.5°	138.7	138.0	136.8	133.6	130.5	127.3	121.1	104.9	89.2	74.9	67.4
-80°	92.9	94.1	94.1	92.2	90.1	87.8	83.8	72.8	62.9	54.1	48.1
-82.5°	54.2	52.1	50.0	50.2	50.3	50.3	49.7	43.6	37.9	32.5	28.2
-85°	19.0	18.0	17.0	18.8	20.3	21.5	22.1	19.6	17.3	15.1	13.1
-87.5°	4.6	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.6	3.5
-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: P559101 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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°	4.2	4.8	5.3	5.7	6.0	6.2	6.3	6.3	5.9	5.5	5.0
85°	14.0	14.5	14.6	14.3	13.3	12.4	12.6	12.5	11.8	11.0	10.0
82.5°	29.4	30.5	31.2	31.2	29.2	27.1	25.0	22.7	20.2	16.9	15.0
80°	50.8	52.5	52.9	51.6	46.7	41.9	38.6	35.4	32.8	29.2	24.4
77.5°	72.4	75.7	77.0	75.3	68.6	61.8	55.2	49.1	45.5	41.5	36.1
75°	94.7	99.7	102.6	100.8	92.4	81.7	73.2	66.2	61.0	54.1	47.8
72.5°	122.9	125.4	128.0	127.5	120.1	109.5	95.7	83.3	77.6	69.9	60.3
70°	160.6	153.6	152.0	150.9	146.4	138.1	124.2	107.9	94.4	85.7	74.9
67.5°	206.7	197.1	187.1	176.5	171.1	163.6	152.6	133.5	115.6	101.6	89.6
65°	252.3	239.4	227.2	211.7	199.0	189.2	177.8	157.4	136.0	118.3	104.3
62.5°	298.9	279.9	263.5	245.6	228.7	214.9	202.8	179.7	155.6	134.2	117.6
60°	347.7	324.8	299.9	278.3	257.9	239.5	223.3	201.6	175.5	149.2	129.7
57.5°	397.2	370.4	340.0	311.7	287.3	264.8	242.8	220.6	195.1	166.1	140.4
55°	446.1	416.6	380.0	346.3	316.8	290.9	263.3	238.2	213.5	183.2	148.3
52.5°	489.6	458.8	422.4	381.7	346.3	315.9	285.4	255.5	229.2	200.0	158.9
50°	534.1	495.9	461.2	420.8	375.8	340.6	306.9	274.7	244.5	215.5	168.8
47.5°	580.4	535.8	495.1	457.3	411.4	364.6	328.5	293.4	259.4	228.8	177.5
45°	623.0	576.9	530.1	488.0	444.4	392.4	349.7	311.4	275.5	235.6	185.0
42.5°	663.3	615.2	566.3	517.8	472.1	419.8	370.2	329.7	291.0	240.9	190.3
40°	701.9	651.2	600.3	549.7	499.8	444.8	392.5	347.5	304.7	245.5	193.7
37.5°	738.7	685.6	632.3	580.2	528.0	470.7	413.1	364.5	311.4	250.5	196.2
35°	774.3	718.1	664.0	609.5	554.8	496.8	431.5	380.8	321.3	254.8	197.6
32.5°	808.2	749.8	694.1	637.7	580.0	523.2	452.2	395.7	333.4	258.2	197.9
30°	841.3	780.9	722.3	664.5	603.9	545.2	475.5	410.4	347.5	260.8	197.9
27.5°	872.8	809.5	748.7	689.2	627.2	565.5	498.1	424.7	363.4	265.9	199.2
25°	901.7	836.3	773.3	711.8	649.0	584.9	519.2	438.9	376.6	276.6	199.7
22.5°	928.6	860.6	795.4	732.4	670.3	603.6	536.9	456.2	387.5	287.8	199.5
20°	952.9	882.2	816.2	754.2	689.6	621.5	552.0	471.9	397.7	299.1	198.4
17.5°	977.3	904.7	840.1	774.9	707.4	637.7	566.0	486.0	407.2	310.3	196.6
15°	1015.8	929.1	861.8	794.4	723.9	652.2	578.9	498.3	415.8	321.1	196.0
12.5°	1050.4	950.9	881.3	812.4	739.0	665.0	590.5	508.9	423.4	328.5	196.8
10°	1079.6	970.0	898.5	828.7	752.6	675.9	600.7	517.9	429.7	331.6	196.3
7.5°	1103.5	986.4	913.4	843.3	765.1	686.5	610.1	525.6	435.9	331.9	194.7
5°	1124.0	1004.3	932.0	859.1	779.9	696.8	618.0	531.3	441.5	329.6	192.2
2.5°	1147.4	1026.0	952.6	873.1	792.8	705.5	624.2	535.2	445.9	324.9	188.8
0°	1165.7	1044.9	971.0	884.7	803.4	712.2	628.4	537.3	448.5	317.9	184.8
-2.5°	1147.4	1026.0	952.6	873.1	792.8	705.5	624.2	535.2	445.9	324.9	188.8
-5°	1124.0	1004.3	932.0	859.1	779.9	696.8	618.0	531.3	441.5	329.6	192.2
-7.5°	1103.5	986.4	913.4	843.3	765.1	686.5	610.1	525.6	435.9	331.9	194.7
-10°	1079.6	970.0	898.5	828.7	752.6	675.9	600.7	517.9	429.7	331.6	196.3
-12.5°	1050.4	950.9	881.3	812.4	739.0	665.0	590.5	508.9	423.4	328.5	196.8
-15°	1015.8	929.1	861.8	794.4	723.9	652.2	578.9	498.3	415.8	321.1	196.0
-17.5°	977.3	904.7	840.1	774.9	707.4	637.7	566.0	486.0	407.2	310.3	196.6
-20°	952.9	882.2	816.2	754.2	689.6	621.5	552.0	471.9	397.7	299.1	198.4



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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°	928.6	860.6	795.4	732.4	670.3	603.6	536.9	456.2	387.5	287.8	199.5
-25°	901.7	836.3	773.3	711.8	649.0	584.9	519.2	438.9	376.6	276.6	199.7
-27.5°	872.8	809.5	748.7	689.2	627.2	565.5	498.1	424.7	363.4	265.9	199.2
-30°	841.3	780.9	722.3	664.5	603.9	545.2	475.5	410.4	347.5	260.8	197.9
-32.5°	808.2	749.8	694.1	637.7	580.0	523.2	452.2	395.7	333.4	258.2	197.9
-35°	774.3	718.1	664.0	609.5	554.8	496.8	431.5	380.8	321.3	254.8	197.6
-37.5°	738.7	685.6	632.3	580.2	528.0	470.7	413.1	364.5	311.4	250.5	196.2
-40°	701.9	651.2	600.3	549.7	499.8	444.8	392.5	347.5	304.7	245.5	193.7
-42.5°	663.3	615.2	566.3	517.8	472.1	419.8	370.2	329.7	291.0	240.9	190.3
-45°	623.0	576.9	530.1	488.0	444.4	392.4	349.7	311.4	275.5	235.6	185.0
-47.5°	580.4	535.8	495.1	457.3	411.4	364.6	328.5	293.4	259.4	228.8	177.5
-50°	534.1	495.9	461.2	420.8	375.8	340.6	306.9	274.7	244.5	215.5	168.8
-52.5°	489.6	458.8	422.4	381.7	346.3	315.9	285.4	255.5	229.2	200.0	158.9
-55°	446.1	416.6	380.0	346.3	316.8	290.9	263.3	238.2	213.5	183.2	148.3
-57.5°	397.2	370.4	340.0	311.7	287.3	264.8	242.8	220.6	195.1	166.1	140.4
-60°	347.7	324.8	299.9	278.3	257.9	239.5	223.3	201.6	175.5	149.2	129.7
-62.5°	298.9	279.9	263.5	245.6	228.7	214.9	202.8	179.7	155.6	134.2	117.6
-65°	252.3	239.4	227.2	211.7	199.0	189.2	177.8	157.4	136.0	118.3	104.3
-67.5°	206.7	197.1	187.1	176.5	171.1	163.6	152.6	133.5	115.6	101.6	89.6
-70°	160.6	153.6	152.0	150.9	146.4	138.1	124.2	107.9	94.4	85.7	74.9
-72.5°	122.9	125.4	128.0	127.5	120.1	109.5	95.7	83.3	77.6	69.9	60.3
-75°	94.7	99.7	102.6	100.8	92.4	81.7	73.2	66.2	61.0	54.1	47.8
-77.5°	72.4	75.7	77.0	75.3	68.6	61.8	55.2	49.1	45.5	41.5	36.1
-80°	50.8	52.5	52.9	51.6	46.7	41.9	38.6	35.4	32.8	29.2	24.4
-82.5°	29.4	30.5	31.2	31.2	29.2	27.1	25.0	22.7	20.2	16.9	15.0
-85°	14.0	14.5	14.6	14.3	13.3	12.4	12.6	12.5	11.8	11.0	10.0
-87.5°	4.2	4.8	5.3	5.7	6.0	6.2	6.3	6.3	5.9	5.5	5.0
-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°	4.5	3.5	2.6	1.8	1.1	0.5	0.0
85°	8.9	6.9	5.1	3.5	2.1	1.1	0.0
82.5°	13.3	10.4	7.7	5.3	3.2	1.6	0.0
80°	18.5	13.7	10.2	7.0	4.3	2.1	0.0
77.5°	28.9	18.7	12.7	8.7	5.3	2.7	0.0
75°	39.2	26.7	15.7	10.4	6.4	3.2	0.0
72.5°	49.2	34.5	21.5	12.0	7.4	3.7	0.0
70°	59.2	42.1	27.2	14.1	8.4	4.2	0.0
67.5°	70.9	49.5	32.7	17.9	9.4	4.7	0.0
65°	82.1	57.4	38.0	21.6	10.4	5.2	0.0
62.5°	92.8	65.7	43.1	25.2	11.3	5.7	0.0
60°	103.0	73.7	48.0	28.7	12.3	6.1	0.0
57.5°	109.9	81.2	53.6	32.0	14.5	6.6	0.0
55°	115.8	88.2	58.9	35.1	16.6	7.1	0.0
52.5°	120.8	94.3	63.9	38.1	18.6	7.5	0.0
50°	124.9	97.3	68.6	40.9	20.6	7.9	0.0
47.5°	128.8	99.8	72.9	43.7	22.4	8.3	0.0
45°	135.0	101.6	76.8	46.6	24.2	8.7	0.0
42.5°	140.3	102.8	80.4	49.3	25.9	9.1	0.0
40°	144.6	103.4	82.3	52.1	27.6	9.4	0.0
37.5°	147.9	103.3	82.5	55.0	29.1	9.8	0.0
35°	150.3	104.6	82.4	57.9	30.5	10.1	0.0
32.5°	151.5	106.3	82.0	60.6	31.8	10.4	0.0
30°	151.4	107.2	81.1	63.3	33.0	10.7	0.0
27.5°	150.5	107.6	82.0	65.9	34.2	10.9	0.0
25°	148.8	107.2	83.0	68.3	35.2	11.1	0.0
22.5°	146.5	107.5	83.8	70.7	36.1	11.4	0.0
20°	143.4	110.2	84.4	72.8	36.9	11.6	0.0
17.5°	143.6	112.7	85.0	74.9	37.6	11.7	0.0
15°	145.7	114.8	85.4	76.7	38.2	11.9	0.0
12.5°	147.4	116.6	85.8	78.4	38.6	12.0	0.0
10°	148.8	118.1	86.0	79.9	39.0	12.1	0.0
7.5°	149.7	119.3	86.1	81.2	39.3	12.2	0.0
5°	150.3	120.1	86.2	82.3	39.4	12.3	0.0
2.5°	150.5	120.6	86.3	83.2	39.5	12.3	0.0
0°	150.3	120.8	86.3	83.8	39.4	12.3	0.0
-2.5°	150.5	120.6	86.3	83.2	39.5	12.3	0.0
-5°	150.3	120.1	86.2	82.3	39.4	12.3	0.0
-7.5°	149.7	119.3	86.1	81.2	39.3	12.2	0.0
-10°	148.8	118.1	86.0	79.9	39.0	12.1	0.0
-12.5°	147.4	116.6	85.8	78.4	38.6	12.0	0.0
-15°	145.7	114.8	85.4	76.7	38.2	11.9	0.0
-17.5°	143.6	112.7	85.0	74.9	37.6	11.7	0.0
-20°	143.4	110.2	84.4	72.8	36.9	11.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	146.5	107.5	83.8	70.7	36.1	11.4	0.0
-25°	148.8	107.2	83.0	68.3	35.2	11.1	0.0
-27.5°	150.5	107.6	82.0	65.9	34.2	10.9	0.0
-30°	151.4	107.2	81.1	63.3	33.0	10.7	0.0
-32.5°	151.5	106.3	82.0	60.6	31.8	10.4	0.0
-35°	150.3	104.6	82.4	57.9	30.5	10.1	0.0
-37.5°	147.9	103.3	82.5	55.0	29.1	9.8	0.0
-40°	144.6	103.4	82.3	52.1	27.6	9.4	0.0
-42.5°	140.3	102.8	80.4	49.3	25.9	9.1	0.0
-45°	135.0	101.6	76.8	46.6	24.2	8.7	0.0
-47.5°	128.8	99.8	72.9	43.7	22.4	8.3	0.0
-50°	124.9	97.3	68.6	40.9	20.6	7.9	0.0
-52.5°	120.8	94.3	63.9	38.1	18.6	7.5	0.0
-55°	115.8	88.2	58.9	35.1	16.6	7.1	0.0
-57.5°	109.9	81.2	53.6	32.0	14.5	6.6	0.0
-60°	103.0	73.7	48.0	28.7	12.3	6.1	0.0
-62.5°	92.8	65.7	43.1	25.2	11.3	5.7	0.0
-65°	82.1	57.4	38.0	21.6	10.4	5.2	0.0
-67.5°	70.9	49.5	32.7	17.9	9.4	4.7	0.0
-70°	59.2	42.1	27.2	14.1	8.4	4.2	0.0
-72.5°	49.2	34.5	21.5	12.0	7.4	3.7	0.0
-75°	39.2	26.7	15.7	10.4	6.4	3.2	0.0
-77.5°	28.9	18.7	12.7	8.7	5.3	2.7	0.0
-80°	18.5	13.7	10.2	7.0	4.3	2.1	0.0
-82.5°	13.3	10.4	7.7	5.3	3.2	1.6	0.0
-85°	8.9	6.9	5.1	3.5	2.1	1.1	0.0
-87.5°	4.5	3.5	2.6	1.8	1.1	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)