

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: P559204 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-930-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559204 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-4)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA6D-930-U-MR-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (96) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

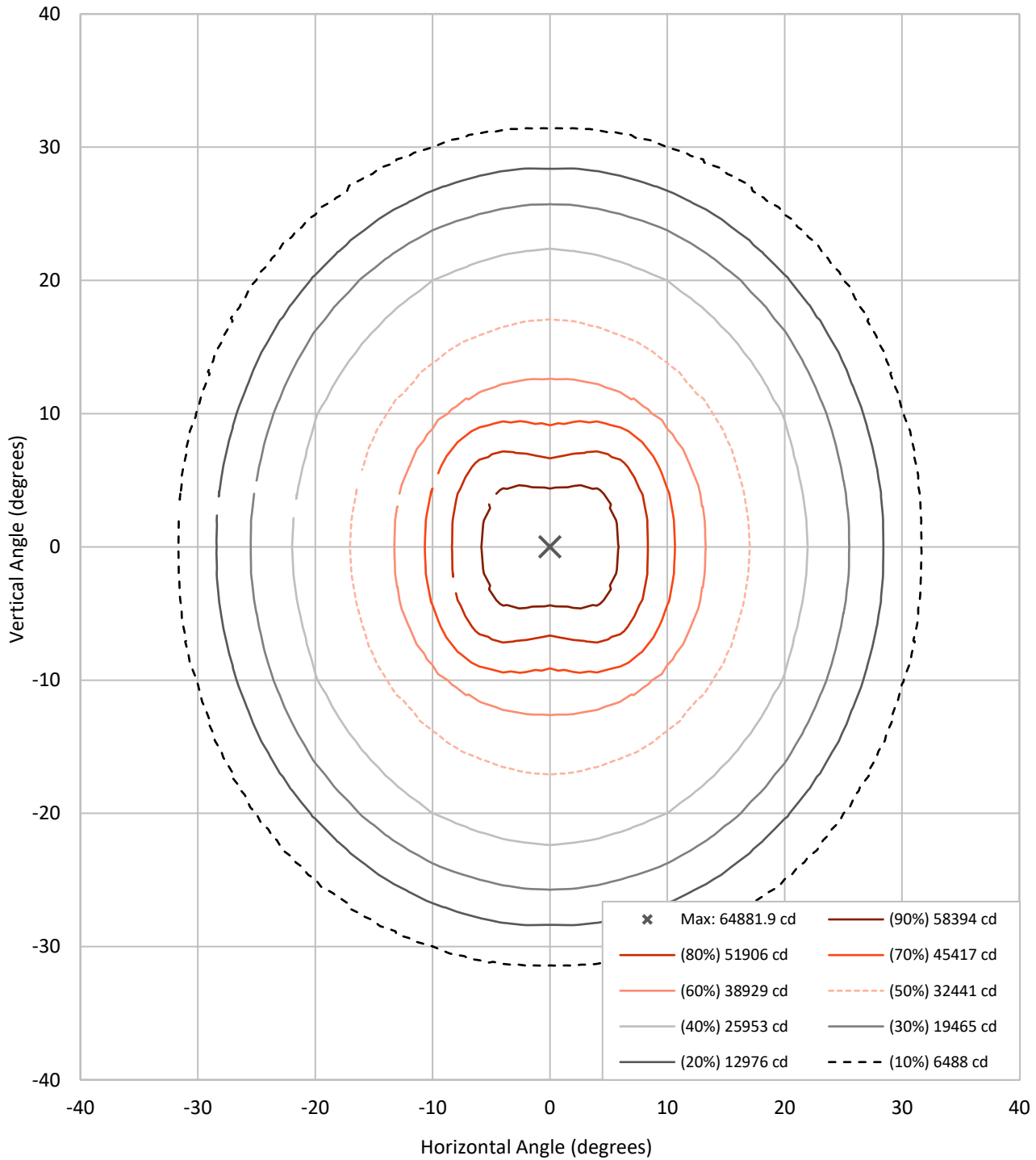
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	28702 lumens	Max Intensity:	64881.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	90.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	12225.2 lumens	Field Lumens:	24985.9 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 319
Input Voltage (V): 120
Input Current (A_{in}): 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





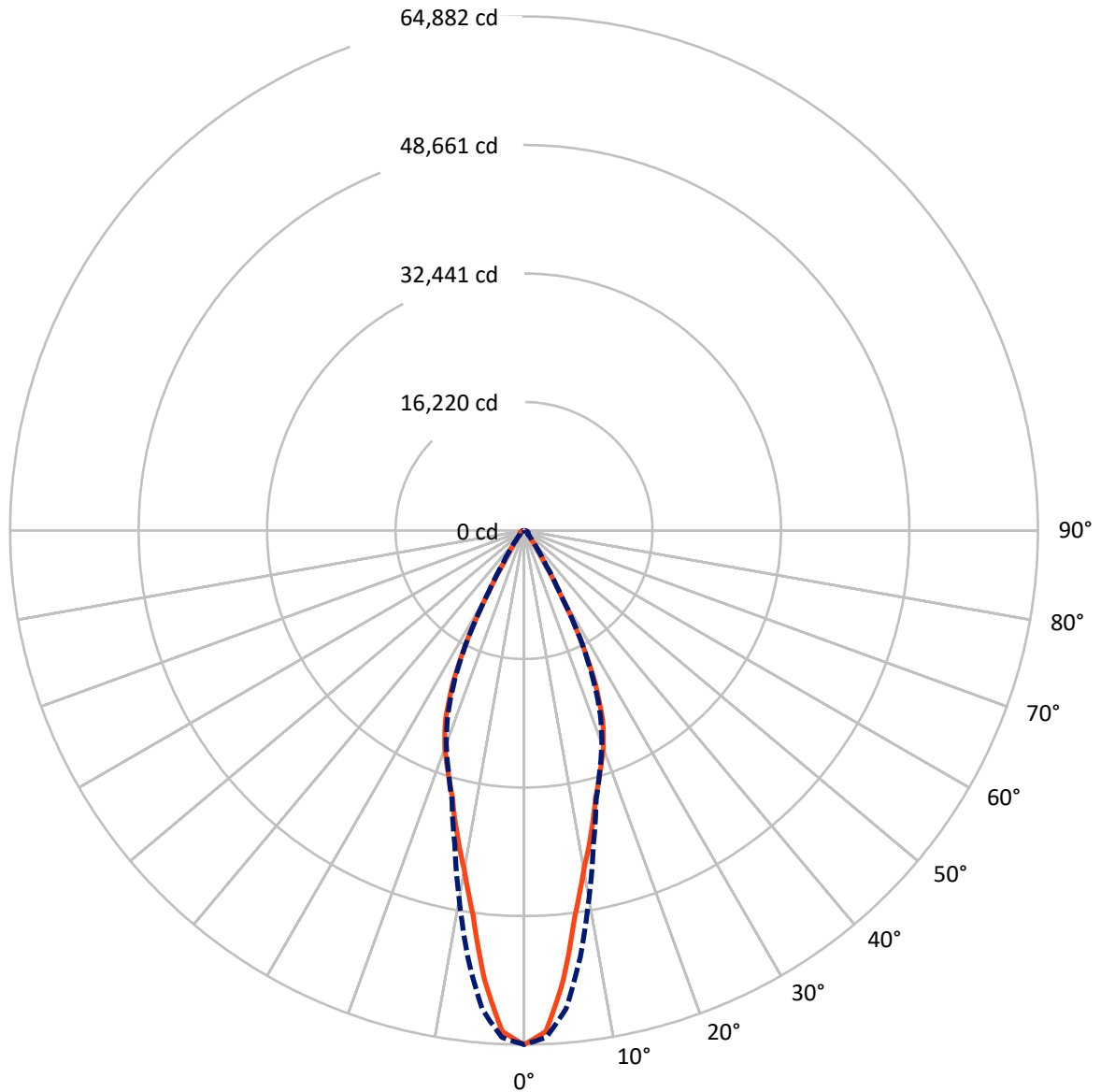
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Lumen Table

90																			
80	0.4	3.2		8.9		14.7		17.1		14.7		8.9		3.2		0.4			
70																			
60	1.5	1.7	3.7	6.3	9.3	11.9	14.0	15.2	15.2	14.0	11.9	9.3	6.3	3.7	1.7	1.5			
50		2.7	5.9	10.2	13.8	15.6	16.5	17.0	17.0	16.5	15.6	13.8	10.2	5.9	2.7				
40	2.7	3.7	8.1	12.2	14.3	17.7	22.7	26.1	26.1	22.7	17.7	14.3	12.2	8.1	3.7	2.7			
30		4.7	9.5	12.3	18.5	36.6	69.6	106.3	106.3	69.6	36.6	18.5	12.3	9.5	4.7				
20	3.7	5.5	9.8	13.8	33.6	111.6	351.2	578.2	578.2	351.2	111.6	33.6	13.8	9.8	5.5	3.7			
10		6.0	9.8	17.0	62.7	331.0	782.3	1036.1	1036.1	782.3	331.0	62.7	17.0	9.8	6.0				
0	4.1	6.3	9.8	19.6	95.4	521.5	1017.3	1605.4	1605.4	1017.3	521.5	95.4	19.6	9.8	6.3	4.1			
-10		6.3	9.8	19.6	95.4	521.5	1017.3	1605.4	1605.4	1017.3	521.5	95.4	19.6	9.8	6.3				
-20	3.7	6.0	9.8	17.0	62.7	331.0	782.3	1036.1	1036.1	782.3	331.0	62.7	17.0	9.8	6.0	3.7			
-30		5.5	9.8	13.8	33.6	111.6	351.2	578.2	578.2	351.2	111.6	33.6	13.8	9.8	5.5				
-40	2.7	4.7	9.5	12.3	18.5	36.6	69.6	106.3	106.3	69.6	36.6	18.5	12.3	9.5	4.7	2.7			
-50		3.7	8.1	12.2	14.3	17.7	22.7	26.1	26.1	22.7	17.7	14.3	12.2	8.1	3.7				
-60	1.5	2.7	5.9	10.2	13.8	15.6	16.5	17.0	17.0	16.5	15.6	13.8	10.2	5.9	2.7	1.5			
-70		1.7	3.7	6.3	9.3	11.9	14.0	15.2	15.2	14.0	11.9	9.3	6.3	3.7	1.7				
-80																			
-90	0.4	3.2		8.9		14.7		17.1		14.7		8.9		3.2		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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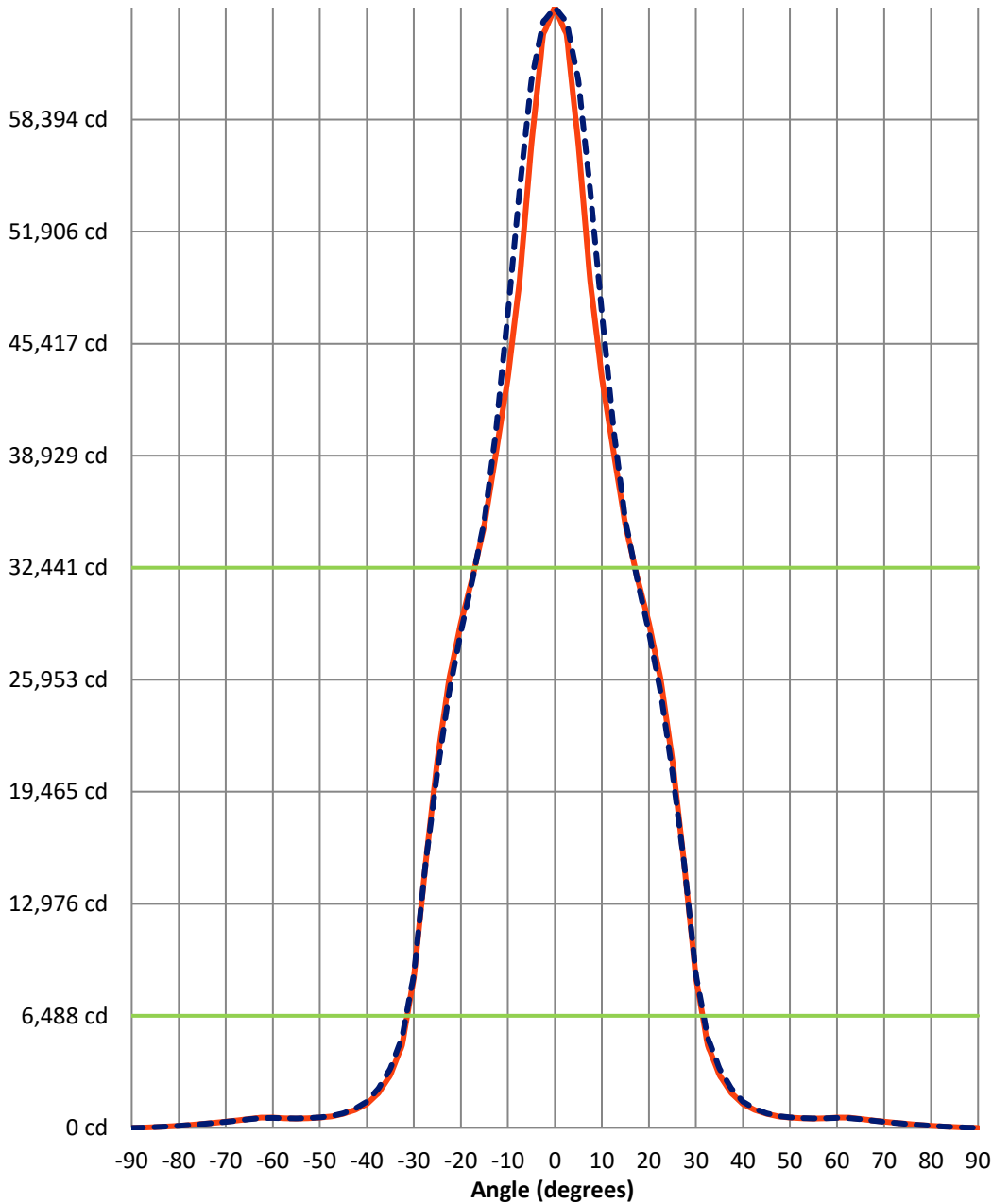
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 34°
 V Angle: 34.1°
 Lumens: 12225.2
 Efficiency: 42.6%

Field:
 H Angle: 63.3°
 V Angle: 62.8°
 Lumens: 24985.9
 Efficiency: 87.1%

Spill:
 Lumens: 3716.1
 Efficiency: 12.9%

— 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	0.7	1.4	2.2	2.9	3.6	4.3	5.0	5.6	6.3	7.0
85°	0.0	1.4	2.9	4.3	5.7	7.1	8.5	9.9	11.3	12.6	13.9
82.5°	0.0	2.2	4.3	6.4	8.6	10.7	12.8	14.8	17.2	20.6	23.8
80°	0.0	2.9	5.7	8.6	11.4	14.2	17.4	22.4	27.0	31.3	35.4
77.5°	0.0	3.6	7.1	10.7	14.2	18.7	25.1	31.1	36.8	42.0	47.4
75°	0.0	4.3	8.5	12.8	17.4	24.9	32.7	39.9	46.6	53.7	61.0
72.5°	0.0	5.0	9.9	14.8	22.2	31.0	40.2	48.6	57.0	65.6	74.5
70°	0.0	5.6	11.3	17.2	26.9	37.0	47.5	57.5	67.3	77.4	90.5
67.5°	0.0	6.3	12.6	20.6	31.5	42.9	55.0	66.2	77.4	92.3	106.9
65°	0.0	7.0	13.9	23.9	36.1	49.0	62.3	74.7	90.5	106.9	124.3
62.5°	0.0	7.6	15.2	27.2	40.5	55.3	69.6	85.0	103.2	122.0	144.5
60°	0.0	8.2	16.5	30.4	44.8	61.4	76.8	96.0	115.8	139.9	164.3
57.5°	0.0	8.9	18.6	33.5	49.8	67.5	85.9	106.8	130.6	157.3	184.6
55°	0.0	9.5	20.6	36.5	54.6	73.5	94.9	117.3	145.8	174.5	204.6
52.5°	0.0	10.0	22.6	39.4	59.4	79.6	103.7	129.9	160.5	191.6	223.8
50°	0.0	10.6	24.5	42.1	64.1	86.8	112.3	142.3	174.8	208.0	244.0
47.5°	0.0	11.1	26.4	45.0	68.6	93.6	120.8	154.1	188.6	223.6	263.9
45°	0.0	11.7	28.2	48.3	73.0	100.3	130.4	165.4	201.8	241.1	283.4
42.5°	0.0	12.2	30.0	51.5	77.3	106.6	139.5	176.4	214.6	258.2	303.5
40°	0.0	12.6	31.6	54.6	81.8	112.7	148.1	187.1	227.6	274.7	322.9
37.5°	0.0	13.1	33.3	57.6	86.4	118.5	156.3	197.3	241.5	290.6	341.5
35°	0.0	13.5	34.8	60.3	90.8	124.6	163.8	207.0	254.6	306.1	359.3
32.5°	0.0	13.9	36.3	62.9	94.9	130.5	171.1	216.3	266.9	320.7	376.3
30°	0.0	14.3	37.6	65.2	98.8	136.0	178.4	225.2	278.2	334.3	392.2
27.5°	0.0	14.6	38.9	67.4	102.1	141.1	185.3	234.5	289.0	347.0	407.0
25°	0.0	15.0	40.1	69.3	105.1	145.7	191.6	242.9	299.2	359.0	420.7
22.5°	0.0	15.2	41.3	71.0	107.8	149.7	197.4	250.5	308.6	370.0	434.3
20°	0.0	15.5	42.3	72.5	110.2	153.2	202.6	257.3	317.0	380.0	446.5
17.5°	0.0	15.7	43.2	73.7	112.3	156.2	207.2	263.4	324.4	388.8	457.3
15°	0.0	15.9	44.1	74.8	114.1	158.8	211.3	268.6	330.9	396.4	466.5
12.5°	0.0	16.1	44.8	75.7	115.6	161.0	214.8	273.1	336.3	402.9	474.2
10°	0.0	16.2	45.4	76.4	116.8	162.7	217.6	276.9	340.5	408.7	481.1
7.5°	0.0	16.4	45.9	76.8	117.6	164.0	219.9	279.8	343.6	413.6	488.2
5°	0.0	16.4	46.3	77.1	118.2	164.8	221.6	281.8	345.7	417.3	493.9
2.5°	0.0	16.5	46.6	77.2	118.4	165.2	222.6	283.1	346.8	419.9	498.2
0°	0.0	16.5	46.8	77.1	118.3	165.1	222.9	283.5	346.8	421.1	500.9
-2.5°	0.0	16.5	46.6	77.2	118.4	165.2	222.6	283.1	346.8	419.9	498.2
-5°	0.0	16.4	46.3	77.1	118.2	164.8	221.6	281.8	345.7	417.3	493.9
-7.5°	0.0	16.4	45.9	76.8	117.6	164.0	219.9	279.8	343.6	413.6	488.2
-10°	0.0	16.2	45.4	76.4	116.8	162.7	217.6	276.9	340.5	408.7	481.1
-12.5°	0.0	16.1	44.8	75.7	115.6	161.0	214.8	273.1	336.3	402.9	474.2
-15°	0.0	15.9	44.1	74.8	114.1	158.8	211.3	268.6	330.9	396.4	466.5
-17.5°	0.0	15.7	43.2	73.7	112.3	156.2	207.2	263.4	324.4	388.8	457.3
-20°	0.0	15.5	42.3	72.5	110.2	153.2	202.6	257.3	317.0	380.0	446.5



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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	15.2	41.3	71.0	107.8	149.7	197.4	250.5	308.6	370.0	434.3
-25°	0.0	15.0	40.1	69.3	105.1	145.7	191.6	242.9	299.2	359.0	420.7
-27.5°	0.0	14.6	38.9	67.4	102.1	141.1	185.3	234.5	289.0	347.0	407.0
-30°	0.0	14.3	37.6	65.2	98.8	136.0	178.4	225.2	278.2	334.3	392.2
-32.5°	0.0	13.9	36.3	62.9	94.9	130.5	171.1	216.3	266.9	320.7	376.3
-35°	0.0	13.5	34.8	60.3	90.8	124.6	163.8	207.0	254.6	306.1	359.3
-37.5°	0.0	13.1	33.3	57.6	86.4	118.5	156.3	197.3	241.5	290.6	341.5
-40°	0.0	12.6	31.6	54.6	81.8	112.7	148.1	187.1	227.6	274.7	322.9
-42.5°	0.0	12.2	30.0	51.5	77.3	106.6	139.5	176.4	214.6	258.2	303.5
-45°	0.0	11.7	28.2	48.3	73.0	100.3	130.4	165.4	201.8	241.1	283.4
-47.5°	0.0	11.1	26.4	45.0	68.6	93.6	120.8	154.1	188.6	223.6	263.9
-50°	0.0	10.6	24.5	42.1	64.1	86.8	112.3	142.3	174.8	208.0	244.0
-52.5°	0.0	10.0	22.6	39.4	59.4	79.6	103.7	129.9	160.5	191.6	223.8
-55°	0.0	9.5	20.6	36.5	54.6	73.5	94.9	117.3	145.8	174.5	204.6
-57.5°	0.0	8.9	18.6	33.5	49.8	67.5	85.9	106.8	130.6	157.3	184.6
-60°	0.0	8.2	16.5	30.4	44.8	61.4	76.8	96.0	115.8	139.9	164.3
-62.5°	0.0	7.6	15.2	27.2	40.5	55.3	69.6	85.0	103.2	122.0	144.5
-65°	0.0	7.0	13.9	23.9	36.1	49.0	62.3	74.7	90.5	106.9	124.3
-67.5°	0.0	6.3	12.6	20.6	31.5	42.9	55.0	66.2	77.4	92.3	106.9
-70°	0.0	5.6	11.3	17.2	26.9	37.0	47.5	57.5	67.3	77.4	90.5
-72.5°	0.0	5.0	9.9	14.8	22.2	31.0	40.2	48.6	57.0	65.6	74.5
-75°	0.0	4.3	8.5	12.8	17.4	24.9	32.7	39.9	46.6	53.7	61.0
-77.5°	0.0	3.6	7.1	10.7	14.2	18.7	25.1	31.1	36.8	42.0	47.4
-80°	0.0	2.9	5.7	8.6	11.4	14.2	17.4	22.4	27.0	31.3	35.4
-82.5°	0.0	2.2	4.3	6.4	8.6	10.7	12.8	14.8	17.2	20.6	23.8
-85°	0.0	1.4	2.9	4.3	5.7	7.1	8.5	9.9	11.3	12.6	13.9
-87.5°	0.0	0.7	1.4	2.2	2.9	3.6	4.3	5.0	5.6	6.3	7.0
-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):

	-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°	7.6	8.2	8.9	9.5	10.0	10.6	11.1	11.7	12.2	12.6	13.1
85°	15.2	16.5	18.5	20.5	22.3	24.0	25.4	26.8	28.2	29.7	31.0
82.5°	27.0	30.2	33.2	36.2	38.6	40.8	42.9	45.9	49.3	52.7	55.8
80°	39.6	43.8	49.0	54.2	59.0	63.6	68.3	72.9	77.6	82.4	87.3
77.5°	53.9	60.6	67.5	74.4	81.1	88.8	96.5	104.1	111.0	117.1	122.7
75°	69.0	77.3	87.4	97.7	107.6	117.3	127.1	137.7	147.1	155.5	163.5
72.5°	85.5	97.5	109.7	121.9	135.6	148.8	161.5	173.8	185.1	195.6	206.2
70°	103.7	117.6	133.9	150.4	166.2	181.3	196.1	210.0	223.1	236.9	251.6
67.5°	122.4	141.6	160.3	178.9	197.6	214.7	230.8	248.7	266.4	283.8	300.4
65°	144.7	165.7	187.5	208.8	229.1	249.8	270.5	290.9	311.7	331.4	349.9
62.5°	166.6	191.2	215.3	238.9	263.0	286.5	310.7	334.7	357.7	381.8	404.8
60°	190.1	216.8	243.2	269.8	296.8	325.0	351.9	380.0	408.3	435.4	461.6
57.5°	213.2	242.2	271.1	301.2	332.6	363.7	395.6	427.1	459.5	490.5	517.5
55°	235.8	267.1	299.5	334.0	368.6	404.2	439.8	476.6	511.4	537.5	561.9
52.5°	258.4	292.0	329.3	366.7	405.2	445.1	486.6	522.1	551.2	573.4	578.8
50°	280.6	319.2	358.5	399.6	442.1	487.3	527.0	559.1	575.4	581.7	578.4
47.5°	304.1	345.5	387.8	432.0	479.6	522.8	560.3	576.6	584.4	576.0	565.5
45°	327.4	371.7	416.4	465.0	512.6	553.4	574.5	586.1	575.7	565.6	558.3
42.5°	349.7	397.2	446.1	496.3	540.5	569.4	582.7	576.0	567.0	559.3	561.9
40°	372.0	421.7	475.3	522.5	562.3	577.1	574.8	566.6	561.4	564.8	576.0
37.5°	393.3	447.5	502.2	547.9	569.4	575.3	565.4	560.2	564.1	577.2	601.9
35°	413.5	472.2	524.3	562.6	577.0	566.8	559.7	558.9	573.7	600.1	636.9
32.5°	434.0	495.7	545.0	569.0	571.4	560.1	554.8	567.4	590.6	625.5	687.5
30°	453.9	513.9	560.3	574.9	564.8	556.1	559.2	577.4	608.9	666.9	767.1
27.5°	472.1	530.3	565.2	572.2	559.2	552.0	565.6	593.0	638.9	716.1	859.2
25°	488.7	545.1	569.5	566.9	555.5	554.7	573.2	607.0	670.2	795.3	991.3
22.5°	502.4	558.8	573.6	562.0	551.7	559.1	585.0	632.0	716.6	869.9	1129.1
20°	513.5	562.2	572.9	557.4	548.1	562.7	595.6	656.5	779.0	986.6	1284.2
17.5°	523.6	565.2	569.0	554.3	550.3	568.5	606.6	678.3	834.4	1086.9	1433.2
15°	532.5	567.8	565.3	551.6	552.9	576.3	624.5	719.6	900.9	1181.4	1567.0
12.5°	540.3	570.0	561.8	549.4	554.9	582.7	639.7	757.1	966.5	1284.0	1781.6
10°	546.8	571.9	558.6	547.6	556.3	587.8	652.1	786.7	1017.0	1370.9	1961.7
7.5°	552.7	573.4	555.9	546.1	557.0	591.6	661.5	808.5	1053.0	1440.7	2096.5
5°	557.1	574.4	554.4	545.4	559.0	595.7	668.4	822.6	1074.9	1491.6	2186.7
2.5°	560.0	575.0	553.5	545.0	561.8	601.3	674.3	834.5	1094.4	1516.8	2250.8
0°	561.4	575.2	553.2	544.9	564.2	605.5	677.0	839.4	1103.6	1516.4	2289.8
-2.5°	560.0	575.0	553.5	545.0	561.8	601.3	674.3	834.5	1094.4	1516.8	2250.8
-5°	557.1	574.4	554.4	545.4	559.0	595.7	668.4	822.6	1074.9	1491.6	2186.7
-7.5°	552.7	573.4	555.9	546.1	557.0	591.6	661.5	808.5	1053.0	1440.7	2096.5
-10°	546.8	571.9	558.6	547.6	556.3	587.8	652.1	786.7	1017.0	1370.9	1961.7
-12.5°	540.3	570.0	561.8	549.4	554.9	582.7	639.7	757.1	966.5	1284.0	1781.6
-15°	532.5	567.8	565.3	551.6	552.9	576.3	624.5	719.6	900.9	1181.4	1567.0
-17.5°	523.6	565.2	569.0	554.3	550.3	568.5	606.6	678.3	834.4	1086.9	1433.2
-20°	513.5	562.2	572.9	557.4	548.1	562.7	595.6	656.5	779.0	986.6	1284.2



REPORT NUMBER: P559204 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-930-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	502.4	558.8	573.6	562.0	551.7	559.1	585.0	632.0	716.6	869.9	1129.1
-25°	488.7	545.1	569.5	566.9	555.5	554.7	573.2	607.0	670.2	795.3	991.3
-27.5°	472.1	530.3	565.2	572.2	559.2	552.0	565.6	593.0	638.9	716.1	859.2
-30°	453.9	513.9	560.3	574.9	564.8	556.1	559.2	577.4	608.9	666.9	767.1
-32.5°	434.0	495.7	545.0	569.0	571.4	560.1	554.8	567.4	590.6	625.5	687.5
-35°	413.5	472.2	524.3	562.6	577.0	566.8	559.7	558.9	573.7	600.1	636.9
-37.5°	393.3	447.5	502.2	547.9	569.4	575.3	565.4	560.2	564.1	577.2	601.9
-40°	372.0	421.7	475.3	522.5	562.3	577.1	574.8	566.6	561.4	564.8	576.0
-42.5°	349.7	397.2	446.1	496.3	540.5	569.4	582.7	576.0	567.0	559.3	561.9
-45°	327.4	371.7	416.4	465.0	512.6	553.4	574.5	586.1	575.7	565.6	558.3
-47.5°	304.1	345.5	387.8	432.0	479.6	522.8	560.3	576.6	584.4	576.0	565.5
-50°	280.6	319.2	358.5	399.6	442.1	487.3	527.0	559.1	575.4	581.7	578.4
-52.5°	258.4	292.0	329.3	366.7	405.2	445.1	486.6	522.1	551.2	573.4	578.8
-55°	235.8	267.1	299.5	334.0	368.6	404.2	439.8	476.6	511.4	537.5	561.9
-57.5°	213.2	242.2	271.1	301.2	332.6	363.7	395.6	427.1	459.5	490.5	517.5
-60°	190.1	216.8	243.2	269.8	296.8	325.0	351.9	380.0	408.3	435.4	461.6
-62.5°	166.6	191.2	215.3	238.9	263.0	286.5	310.7	334.7	357.7	381.8	404.8
-65°	144.7	165.7	187.5	208.8	229.1	249.8	270.5	290.9	311.7	331.4	349.9
-67.5°	122.4	141.6	160.3	178.9	197.6	214.7	230.8	248.7	266.4	283.8	300.4
-70°	103.7	117.6	133.9	150.4	166.2	181.3	196.1	210.0	223.1	236.9	251.6
-72.5°	85.5	97.5	109.7	121.9	135.6	148.8	161.5	173.8	185.1	195.6	206.2
-75°	69.0	77.3	87.4	97.7	107.6	117.3	127.1	137.7	147.1	155.5	163.5
-77.5°	53.9	60.6	67.5	74.4	81.1	88.8	96.5	104.1	111.0	117.1	122.7
-80°	39.6	43.8	49.0	54.2	59.0	63.6	68.3	72.9	77.6	82.4	87.3
-82.5°	27.0	30.2	33.2	36.2	38.6	40.8	42.9	45.9	49.3	52.7	55.8
-85°	15.2	16.5	18.5	20.5	22.3	24.0	25.4	26.8	28.2	29.7	31.0
-87.5°	7.6	8.2	8.9	9.5	10.0	10.6	11.1	11.7	12.2	12.6	13.1
-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: P559204 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-930-U-MR-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°	13.5	13.4	13.1	12.8	12.5	12.7	13.0	13.2	13.3	14.1	14.9
85°	32.3	33.8	35.3	36.8	38.3	39.4	40.3	41.2	41.9	42.6	43.1
82.5°	58.8	61.9	64.8	67.4	69.7	71.6	73.3	74.8	76.1	77.2	78.2
80°	91.8	95.8	99.5	102.7	105.5	108.0	110.0	111.7	113.1	115.8	118.4
77.5°	128.4	134.1	139.4	144.3	148.7	153.0	157.0	160.6	163.9	166.4	168.1
75°	170.9	178.2	185.4	192.1	198.3	204.5	210.6	216.1	221.1	224.5	227.0
72.5°	216.7	226.4	235.2	243.7	251.3	259.0	266.5	273.4	279.4	284.0	287.7
70°	265.6	278.2	288.6	298.2	307.6	317.2	326.6	334.7	341.7	347.5	352.1
67.5°	316.3	330.8	343.7	356.3	369.0	380.8	392.1	402.7	412.3	419.6	424.5
65°	368.1	386.7	403.8	419.3	433.3	446.7	460.8	473.9	485.7	495.3	502.7
62.5°	426.6	447.7	467.1	484.5	500.1	512.5	525.9	538.2	549.2	559.4	569.5
60°	486.6	510.1	527.1	541.8	555.3	567.3	572.0	576.5	580.1	583.5	587.5
57.5°	538.8	559.0	573.6	577.0	580.0	582.6	580.9	576.2	571.3	566.4	562.5
55°	575.2	581.0	587.5	582.4	574.4	566.8	560.2	555.6	551.3	547.5	544.2
52.5°	585.0	579.4	572.6	565.1	559.6	553.8	548.1	549.1	550.9	552.2	553.0
50°	570.7	564.2	560.5	556.3	557.1	559.9	562.3	567.7	574.5	579.3	583.4
47.5°	559.8	555.5	561.0	567.9	574.4	586.3	596.8	607.1	623.0	635.7	645.8
45°	556.7	567.1	577.9	595.0	610.0	636.0	660.5	681.0	719.0	753.8	781.2
42.5°	572.5	590.4	610.0	643.2	679.0	725.1	784.2	834.1	892.7	947.3	986.8
40°	598.4	624.8	668.9	722.3	806.2	880.8	978.7	1062.4	1141.1	1224.4	1287.1
37.5°	635.8	685.0	767.5	863.6	990.8	1113.0	1248.0	1379.0	1490.6	1659.5	1791.7
35°	691.3	791.0	908.0	1068.6	1234.8	1422.0	1619.3	1873.5	2097.4	2360.0	2607.0
32.5°	792.3	927.4	1110.8	1328.0	1548.9	1871.9	2176.7	2589.8	2961.0	3424.2	3922.5
30°	910.5	1112.1	1358.6	1642.2	2042.1	2486.6	2987.6	3621.2	4374.0	5270.5	6473.5
27.5°	1073.6	1332.4	1642.3	2102.3	2669.4	3265.0	4153.6	5218.6	7159.5	8851.0	11092.7
25°	1249.1	1565.1	2055.5	2673.5	3419.8	4492.4	6229.6	8445.7	11584.7	14586.2	16985.7
22.5°	1451.4	1913.2	2532.1	3301.3	4509.1	6585.8	9283.0	13185.8	16686.1	19713.4	22044.8
20°	1675.5	2254.7	3086.5	4261.8	6318.8	9360.2	13690.0	17695.4	21270.6	23876.7	25936.5
17.5°	1965.6	2722.3	3777.7	5399.5	8556.6	13243.2	17706.9	21665.9	24776.6	27066.3	28892.4
15°	2236.5	3152.6	4520.5	7287.6	11596.7	16605.7	21181.1	24712.8	27404.6	29535.3	31177.1
12.5°	2556.3	3636.2	5388.8	8918.8	14392.2	19379.8	23647.8	26945.6	29537.8	31535.0	33735.5
10°	2841.1	4156.3	6632.8	11092.4	16687.8	21559.9	25704.6	28668.3	31267.7	33870.4	37170.0
7.5°	3076.2	4592.9	7653.0	12926.5	18450.3	23172.7	26948.5	29909.8	32774.6	36250.6	41009.8
5°	3262.9	4922.1	8492.3	14311.0	19731.5	24323.7	27898.4	30900.1	34136.0	38786.0	45172.8
2.5°	3387.8	5137.8	9017.0	15147.5	20539.9	24983.8	28602.7	31547.9	34940.6	40205.4	46878.0
0°	3437.4	5237.3	8883.9	15299.2	20588.8	25198.7	28707.7	31790.1	35169.7	40442.8	47191.1
-2.5°	3387.8	5137.8	9017.0	15147.5	20539.9	24983.8	28602.7	31547.9	34940.6	40205.4	46878.0
-5°	3262.9	4922.1	8492.3	14311.0	19731.5	24323.7	27898.4	30900.1	34136.0	38786.0	45172.8
-7.5°	3076.2	4592.9	7653.0	12926.5	18450.3	23172.7	26948.5	29909.8	32774.6	36250.6	41009.8
-10°	2841.1	4156.3	6632.8	11092.4	16687.8	21559.9	25704.6	28668.3	31267.7	33870.4	37170.0
-12.5°	2556.3	3636.2	5388.8	8918.8	14392.2	19379.8	23647.8	26945.6	29537.8	31535.0	33735.5
-15°	2236.5	3152.6	4520.5	7287.6	11596.7	16605.7	21181.1	24712.8	27404.6	29535.3	31177.1
-17.5°	1965.6	2722.3	3777.7	5399.5	8556.6	13243.2	17706.9	21665.9	24776.6	27066.3	28892.4
-20°	1675.5	2254.7	3086.5	4261.8	6318.8	9360.2	13690.0	17695.4	21270.6	23876.7	25936.5



REPORT NUMBER: P559204 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-930-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1451.4	1913.2	2532.1	3301.3	4509.1	6585.8	9283.0	13185.8	16686.1	19713.4	22044.8
-25°	1249.1	1565.1	2055.5	2673.5	3419.8	4492.4	6229.6	8445.7	11584.7	14586.2	16985.7
-27.5°	1073.6	1332.4	1642.3	2102.3	2669.4	3265.0	4153.6	5218.6	7159.5	8851.0	11092.7
-30°	910.5	1112.1	1358.6	1642.2	2042.1	2486.6	2987.6	3621.2	4374.0	5270.5	6473.5
-32.5°	792.3	927.4	1110.8	1328.0	1548.9	1871.9	2176.7	2589.8	2961.0	3424.2	3922.5
-35°	691.3	791.0	908.0	1068.6	1234.8	1422.0	1619.3	1873.5	2097.4	2360.0	2607.0
-37.5°	635.8	685.0	767.5	863.6	990.8	1113.0	1248.0	1379.0	1490.6	1659.5	1791.7
-40°	598.4	624.8	668.9	722.3	806.2	880.8	978.7	1062.4	1141.1	1224.4	1287.1
-42.5°	572.5	590.4	610.0	643.2	679.0	725.1	784.2	834.1	892.7	947.3	986.8
-45°	556.7	567.1	577.9	595.0	610.0	636.0	660.5	681.0	719.0	753.8	781.2
-47.5°	559.8	555.5	561.0	567.9	574.4	586.3	596.8	607.1	623.0	635.7	645.8
-50°	570.7	564.2	560.5	556.3	557.1	559.9	562.3	567.7	574.5	579.3	583.4
-52.5°	585.0	579.4	572.6	565.1	559.6	553.8	548.1	549.1	550.9	552.2	553.0
-55°	575.2	581.0	587.5	582.4	574.4	566.8	560.2	555.6	551.3	547.5	544.2
-57.5°	538.8	559.0	573.6	577.0	580.0	582.6	580.9	576.2	571.3	566.4	562.5
-60°	486.6	510.1	527.1	541.8	555.3	567.3	572.0	576.5	580.1	583.5	587.5
-62.5°	426.6	447.7	467.1	484.5	500.1	512.5	525.9	538.2	549.2	559.4	569.5
-65°	368.1	386.7	403.8	419.3	433.3	446.7	460.8	473.9	485.7	495.3	502.7
-67.5°	316.3	330.8	343.7	356.3	369.0	380.8	392.1	402.7	412.3	419.6	424.5
-70°	265.6	278.2	288.6	298.2	307.6	317.2	326.6	334.7	341.7	347.5	352.1
-72.5°	216.7	226.4	235.2	243.7	251.3	259.0	266.5	273.4	279.4	284.0	287.7
-75°	170.9	178.2	185.4	192.1	198.3	204.5	210.6	216.1	221.1	224.5	227.0
-77.5°	128.4	134.1	139.4	144.3	148.7	153.0	157.0	160.6	163.9	166.4	168.1
-80°	91.8	95.8	99.5	102.7	105.5	108.0	110.0	111.7	113.1	115.8	118.4
-82.5°	58.8	61.9	64.8	67.4	69.7	71.6	73.3	74.8	76.1	77.2	78.2
-85°	32.3	33.8	35.3	36.8	38.3	39.4	40.3	41.2	41.9	42.6	43.1
-87.5°	13.5	13.4	13.1	12.8	12.5	12.7	13.0	13.2	13.3	14.1	14.9
-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: P559204 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-930-U-MR-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°	15.7	16.4	16.5	16.5	16.5	16.4	15.7	14.9	14.1	13.3	13.2
85°	43.5	43.8	45.3	46.8	45.3	43.8	43.5	43.1	42.6	41.9	41.2
82.5°	78.9	79.4	79.7	79.8	79.7	79.4	78.9	78.2	77.2	76.1	74.8
80°	120.9	123.1	122.3	121.1	122.3	123.1	120.9	118.4	115.8	113.1	111.7
77.5°	169.2	169.7	169.1	167.9	169.1	169.7	169.2	168.1	166.4	163.9	160.6
75°	228.8	229.8	230.8	231.2	230.8	229.8	228.8	227.0	224.5	221.1	216.1
72.5°	290.6	292.8	292.7	291.7	292.7	292.8	290.6	287.7	284.0	279.4	273.4
70°	355.8	358.4	360.0	360.5	360.0	358.4	355.8	352.1	347.5	341.7	334.7
67.5°	427.9	429.7	431.5	432.1	431.5	429.7	427.9	424.5	419.6	412.3	402.7
65°	509.0	513.8	515.3	514.7	515.3	513.8	509.0	502.7	495.3	485.7	473.9
62.5°	578.9	587.3	590.8	591.7	590.8	587.3	578.9	569.5	559.4	549.2	538.2
60°	590.8	593.7	594.5	594.5	594.5	593.7	590.8	587.5	583.5	580.1	576.5
57.5°	558.9	555.7	553.8	553.2	553.8	555.7	558.9	562.5	566.4	571.3	576.2
55°	541.1	538.3	537.0	536.7	537.0	538.3	541.1	544.2	547.5	551.3	555.6
52.5°	553.2	552.8	553.9	555.9	553.9	552.8	553.2	553.0	552.2	550.9	549.1
50°	586.9	589.3	592.0	594.5	592.0	589.3	586.9	583.4	579.3	574.5	567.7
47.5°	653.1	656.8	659.1	660.5	659.1	656.8	653.1	645.8	635.7	623.0	607.1
45°	799.0	808.6	813.2	814.6	813.2	808.6	799.0	781.2	753.8	719.0	681.0
42.5°	1013.0	1027.4	1033.6	1034.8	1033.6	1027.4	1013.0	986.8	947.3	892.7	834.1
40°	1332.0	1357.6	1370.0	1378.8	1370.0	1357.6	1332.0	1287.1	1224.4	1141.1	1062.4
37.5°	1890.7	1954.9	1991.4	2022.8	1991.4	1954.9	1890.7	1791.7	1659.5	1490.6	1379.0
35°	2807.8	2954.9	3041.6	3060.4	3041.6	2954.9	2807.8	2607.0	2360.0	2097.4	1873.5
32.5°	4306.0	4594.6	4767.2	4788.7	4767.2	4594.6	4306.0	3922.5	3424.2	2961.0	2589.8
30°	7407.3	8216.0	8770.3	8694.0	8770.3	8216.0	7407.3	6473.5	5270.5	4374.0	3621.2
27.5°	12929.1	14395.6	15348.2	15268.9	15348.2	14395.6	12929.1	11092.7	8851.0	7159.5	5218.6
25°	18830.6	20180.4	20977.2	21271.4	20977.2	20180.4	18830.6	16985.7	14586.2	11584.7	8445.7
22.5°	23649.7	24856.5	25545.7	25958.3	25545.7	24856.5	23649.7	22044.8	19713.4	16686.1	13185.8
20°	27342.1	28388.7	28981.5	29236.1	28981.5	28388.7	27342.1	25936.5	23876.7	21270.6	17695.4
17.5°	30182.7	31058.9	31730.1	31902.9	31730.1	31058.9	30182.7	28892.4	27066.3	24776.6	21665.9
15°	32695.4	33827.1	34618.6	34913.8	34618.6	33827.1	32695.4	31177.1	29535.3	27404.6	24712.8
12.5°	35863.8	37831.7	38877.9	39119.1	38877.9	37831.7	35863.8	33735.5	31535.0	29537.8	26945.6
10°	40547.0	43571.9	43914.6	43445.4	43914.6	43571.9	40547.0	37170.0	33870.4	31267.7	28668.3
7.5°	47367.6	51400.9	50528.8	49076.4	50528.8	51400.9	47367.6	41009.8	36250.6	32774.6	29909.8
5°	52248.6	57848.4	58022.2	56955.7	58022.2	57848.4	52248.6	45172.8	38786.0	34136.0	30900.1
2.5°	54191.7	59956.1	62825.1	63295.3	62825.1	59956.1	54191.7	46878.0	40205.4	34940.6	31547.9
0°	54337.1	60635.4	64037.0	64881.9	64037.0	60635.4	54337.1	47191.1	40442.8	35169.7	31790.1
-2.5°	54191.7	59956.1	62825.1	63295.3	62825.1	59956.1	54191.7	46878.0	40205.4	34940.6	31547.9
-5°	52248.6	57848.4	58022.2	56955.7	58022.2	57848.4	52248.6	45172.8	38786.0	34136.0	30900.1
-7.5°	47367.6	51400.9	50528.8	49076.4	50528.8	51400.9	47367.6	41009.8	36250.6	32774.6	29909.8
-10°	40547.0	43571.9	43914.6	43445.4	43914.6	43571.9	40547.0	37170.0	33870.4	31267.7	28668.3
-12.5°	35863.8	37831.7	38877.9	39119.1	38877.9	37831.7	35863.8	33735.5	31535.0	29537.8	26945.6
-15°	32695.4	33827.1	34618.6	34913.8	34618.6	33827.1	32695.4	31177.1	29535.3	27404.6	24712.8
-17.5°	30182.7	31058.9	31730.1	31902.9	31730.1	31058.9	30182.7	28892.4	27066.3	24776.6	21665.9
-20°	27342.1	28388.7	28981.5	29236.1	28981.5	28388.7	27342.1	25936.5	23876.7	21270.6	17695.4



REPORT NUMBER: P559204 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-930-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	23649.7	24856.5	25545.7	25958.3	25545.7	24856.5	23649.7	22044.8	19713.4	16686.1	13185.8
-25°	18830.6	20180.4	20977.2	21271.4	20977.2	20180.4	18830.6	16985.7	14586.2	11584.7	8445.7
-27.5°	12929.1	14395.6	15348.2	15268.9	15348.2	14395.6	12929.1	11092.7	8851.0	7159.5	5218.6
-30°	7407.3	8216.0	8770.3	8694.0	8770.3	8216.0	7407.3	6473.5	5270.5	4374.0	3621.2
-32.5°	4306.0	4594.6	4767.2	4788.7	4767.2	4594.6	4306.0	3922.5	3424.2	2961.0	2589.8
-35°	2807.8	2954.9	3041.6	3060.4	3041.6	2954.9	2807.8	2607.0	2360.0	2097.4	1873.5
-37.5°	1890.7	1954.9	1991.4	2022.8	1991.4	1954.9	1890.7	1791.7	1659.5	1490.6	1379.0
-40°	1332.0	1357.6	1370.0	1378.8	1370.0	1357.6	1332.0	1287.1	1224.4	1141.1	1062.4
-42.5°	1013.0	1027.4	1033.6	1034.8	1033.6	1027.4	1013.0	986.8	947.3	892.7	834.1
-45°	799.0	808.6	813.2	814.6	813.2	808.6	799.0	781.2	753.8	719.0	681.0
-47.5°	653.1	656.8	659.1	660.5	659.1	656.8	653.1	645.8	635.7	623.0	607.1
-50°	586.9	589.3	592.0	594.5	592.0	589.3	586.9	583.4	579.3	574.5	567.7
-52.5°	553.2	552.8	553.9	555.9	553.9	552.8	553.2	553.0	552.2	550.9	549.1
-55°	541.1	538.3	537.0	536.7	537.0	538.3	541.1	544.2	547.5	551.3	555.6
-57.5°	558.9	555.7	553.8	553.2	553.8	555.7	558.9	562.5	566.4	571.3	576.2
-60°	590.8	593.7	594.5	594.5	594.5	593.7	590.8	587.5	583.5	580.1	576.5
-62.5°	578.9	587.3	590.8	591.7	590.8	587.3	578.9	569.5	559.4	549.2	538.2
-65°	509.0	513.8	515.3	514.7	515.3	513.8	509.0	502.7	495.3	485.7	473.9
-67.5°	427.9	429.7	431.5	432.1	431.5	429.7	427.9	424.5	419.6	412.3	402.7
-70°	355.8	358.4	360.0	360.5	360.0	358.4	355.8	352.1	347.5	341.7	334.7
-72.5°	290.6	292.8	292.7	291.7	292.7	292.8	290.6	287.7	284.0	279.4	273.4
-75°	228.8	229.8	230.8	231.2	230.8	229.8	228.8	227.0	224.5	221.1	216.1
-77.5°	169.2	169.7	169.1	167.9	169.1	169.7	169.2	168.1	166.4	163.9	160.6
-80°	120.9	123.1	122.3	121.1	122.3	123.1	120.9	118.4	115.8	113.1	111.7
-82.5°	78.9	79.4	79.7	79.8	79.7	79.4	78.9	78.2	77.2	76.1	74.8
-85°	43.5	43.8	45.3	46.8	45.3	43.8	43.5	43.1	42.6	41.9	41.2
-87.5°	15.7	16.4	16.5	16.5	16.5	16.4	15.7	14.9	14.1	13.3	13.2
-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: P559204 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	13.0	12.7	12.5	12.8	13.1	13.4	13.5	13.1	12.6	12.2	11.7
85°	40.3	39.4	38.3	36.8	35.3	33.8	32.3	31.0	29.7	28.2	26.8
82.5°	73.3	71.6	69.7	67.4	64.8	61.9	58.8	55.8	52.7	49.3	45.9
80°	110.0	108.0	105.5	102.7	99.5	95.8	91.8	87.3	82.4	77.6	72.9
77.5°	157.0	153.0	148.7	144.3	139.4	134.1	128.4	122.7	117.1	111.0	104.1
75°	210.6	204.5	198.3	192.1	185.4	178.2	170.9	163.5	155.5	147.1	137.7
72.5°	266.5	259.0	251.3	243.7	235.2	226.4	216.7	206.2	195.6	185.1	173.8
70°	326.6	317.2	307.6	298.2	288.6	278.2	265.6	251.6	236.9	223.1	210.0
67.5°	392.1	380.8	369.0	356.3	343.7	330.8	316.3	300.4	283.8	266.4	248.7
65°	460.8	446.7	433.3	419.3	403.8	386.7	368.1	349.9	331.4	311.7	290.9
62.5°	525.9	512.5	500.1	484.5	467.1	447.7	426.6	404.8	381.8	357.7	334.7
60°	572.0	567.3	555.3	541.8	527.1	510.1	486.6	461.6	435.4	408.3	380.0
57.5°	580.9	582.6	580.0	577.0	573.6	559.0	538.8	517.5	490.5	459.5	427.1
55°	560.2	566.8	574.4	582.4	587.5	581.0	575.2	561.9	537.5	511.4	476.6
52.5°	548.1	553.8	559.6	565.1	572.6	579.4	585.0	578.8	573.4	551.2	522.1
50°	562.3	559.9	557.1	556.3	560.5	564.2	570.7	578.4	581.7	575.4	559.1
47.5°	596.8	586.3	574.4	567.9	561.0	555.5	559.8	565.5	576.0	584.4	576.6
45°	660.5	636.0	610.0	595.0	577.9	567.1	556.7	558.3	565.6	575.7	586.1
42.5°	784.2	725.1	679.0	643.2	610.0	590.4	572.5	561.9	559.3	567.0	576.0
40°	978.7	880.8	806.2	722.3	668.9	624.8	598.4	576.0	564.8	561.4	566.6
37.5°	1248.0	1113.0	990.8	863.6	767.5	685.0	635.8	601.9	577.2	564.1	560.2
35°	1619.3	1422.0	1234.8	1068.6	908.0	791.0	691.3	636.9	600.1	573.7	558.9
32.5°	2176.7	1871.9	1548.9	1328.0	1110.8	927.4	792.3	687.5	625.5	590.6	567.4
30°	2987.6	2486.6	2042.1	1642.2	1358.6	1112.1	910.5	767.1	666.9	608.9	577.4
27.5°	4153.6	3265.0	2669.4	2102.3	1642.3	1332.4	1073.6	859.2	716.1	638.9	593.0
25°	6229.6	4492.4	3419.8	2673.5	2055.5	1565.1	1249.1	991.3	795.3	670.2	607.0
22.5°	9283.0	6585.8	4509.1	3301.3	2532.1	1913.2	1451.4	1129.1	869.9	716.6	632.0
20°	13690.0	9360.2	6318.8	4261.8	3086.5	2254.7	1675.5	1284.2	986.6	779.0	656.5
17.5°	17706.9	13243.2	8556.6	5399.5	3777.7	2722.3	1965.6	1433.2	1086.9	834.4	678.3
15°	21181.1	16605.7	11596.7	7287.6	4520.5	3152.6	2236.5	1567.0	1181.4	900.9	719.6
12.5°	23647.8	19379.8	14392.2	8918.8	5388.8	3636.2	2556.3	1781.6	1284.0	966.5	757.1
10°	25704.6	21559.9	16687.8	11092.4	6632.8	4156.3	2841.1	1961.7	1370.9	1017.0	786.7
7.5°	26948.5	23172.7	18450.3	12926.5	7653.0	4592.9	3076.2	2096.5	1440.7	1053.0	808.5
5°	27898.4	24323.7	19731.5	14311.0	8492.3	4922.1	3262.9	2186.7	1491.6	1074.9	822.6
2.5°	28602.7	24983.8	20539.9	15147.5	9017.0	5137.8	3387.8	2250.8	1516.8	1094.4	834.5
0°	28707.7	25198.7	20588.8	15299.2	8883.9	5237.3	3437.4	2289.8	1516.4	1103.6	839.4
-2.5°	28602.7	24983.8	20539.9	15147.5	9017.0	5137.8	3387.8	2250.8	1516.8	1094.4	834.5
-5°	27898.4	24323.7	19731.5	14311.0	8492.3	4922.1	3262.9	2186.7	1491.6	1074.9	822.6
-7.5°	26948.5	23172.7	18450.3	12926.5	7653.0	4592.9	3076.2	2096.5	1440.7	1053.0	808.5
-10°	25704.6	21559.9	16687.8	11092.4	6632.8	4156.3	2841.1	1961.7	1370.9	1017.0	786.7
-12.5°	23647.8	19379.8	14392.2	8918.8	5388.8	3636.2	2556.3	1781.6	1284.0	966.5	757.1
-15°	21181.1	16605.7	11596.7	7287.6	4520.5	3152.6	2236.5	1567.0	1181.4	900.9	719.6
-17.5°	17706.9	13243.2	8556.6	5399.5	3777.7	2722.3	1965.6	1433.2	1086.9	834.4	678.3
-20°	13690.0	9360.2	6318.8	4261.8	3086.5	2254.7	1675.5	1284.2	986.6	779.0	656.5



REPORT NUMBER: P559204 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-930-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	9283.0	6585.8	4509.1	3301.3	2532.1	1913.2	1451.4	1129.1	869.9	716.6	632.0
-25°	6229.6	4492.4	3419.8	2673.5	2055.5	1565.1	1249.1	991.3	795.3	670.2	607.0
-27.5°	4153.6	3265.0	2669.4	2102.3	1642.3	1332.4	1073.6	859.2	716.1	638.9	593.0
-30°	2987.6	2486.6	2042.1	1642.2	1358.6	1112.1	910.5	767.1	666.9	608.9	577.4
-32.5°	2176.7	1871.9	1548.9	1328.0	1110.8	927.4	792.3	687.5	625.5	590.6	567.4
-35°	1619.3	1422.0	1234.8	1068.6	908.0	791.0	691.3	636.9	600.1	573.7	558.9
-37.5°	1248.0	1113.0	990.8	863.6	767.5	685.0	635.8	601.9	577.2	564.1	560.2
-40°	978.7	880.8	806.2	722.3	668.9	624.8	598.4	576.0	564.8	561.4	566.6
-42.5°	784.2	725.1	679.0	643.2	610.0	590.4	572.5	561.9	559.3	567.0	576.0
-45°	660.5	636.0	610.0	595.0	577.9	567.1	556.7	558.3	565.6	575.7	586.1
-47.5°	596.8	586.3	574.4	567.9	561.0	555.5	559.8	565.5	576.0	584.4	576.6
-50°	562.3	559.9	557.1	556.3	560.5	564.2	570.7	578.4	581.7	575.4	559.1
-52.5°	548.1	553.8	559.6	565.1	572.6	579.4	585.0	578.8	573.4	551.2	522.1
-55°	560.2	566.8	574.4	582.4	587.5	581.0	575.2	561.9	537.5	511.4	476.6
-57.5°	580.9	582.6	580.0	577.0	573.6	559.0	538.8	517.5	490.5	459.5	427.1
-60°	572.0	567.3	555.3	541.8	527.1	510.1	486.6	461.6	435.4	408.3	380.0
-62.5°	525.9	512.5	500.1	484.5	467.1	447.7	426.6	404.8	381.8	357.7	334.7
-65°	460.8	446.7	433.3	419.3	403.8	386.7	368.1	349.9	331.4	311.7	290.9
-67.5°	392.1	380.8	369.0	356.3	343.7	330.8	316.3	300.4	283.8	266.4	248.7
-70°	326.6	317.2	307.6	298.2	288.6	278.2	265.6	251.6	236.9	223.1	210.0
-72.5°	266.5	259.0	251.3	243.7	235.2	226.4	216.7	206.2	195.6	185.1	173.8
-75°	210.6	204.5	198.3	192.1	185.4	178.2	170.9	163.5	155.5	147.1	137.7
-77.5°	157.0	153.0	148.7	144.3	139.4	134.1	128.4	122.7	117.1	111.0	104.1
-80°	110.0	108.0	105.5	102.7	99.5	95.8	91.8	87.3	82.4	77.6	72.9
-82.5°	73.3	71.6	69.7	67.4	64.8	61.9	58.8	55.8	52.7	49.3	45.9
-85°	40.3	39.4	38.3	36.8	35.3	33.8	32.3	31.0	29.7	28.2	26.8
-87.5°	13.0	12.7	12.5	12.8	13.1	13.4	13.5	13.1	12.6	12.2	11.7
-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: P559204 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-930-U-MR-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°	11.1	10.6	10.0	9.5	8.9	8.2	7.6	7.0	6.3	5.6	5.0
85°	25.4	24.0	22.3	20.5	18.5	16.5	15.2	13.9	12.6	11.3	9.9
82.5°	42.9	40.8	38.6	36.2	33.2	30.2	27.0	23.8	20.6	17.2	14.8
80°	68.3	63.6	59.0	54.2	49.0	43.8	39.6	35.4	31.3	27.0	22.4
77.5°	96.5	88.8	81.1	74.4	67.5	60.6	53.9	47.4	42.0	36.8	31.1
75°	127.1	117.3	107.6	97.7	87.4	77.3	69.0	61.0	53.7	46.6	39.9
72.5°	161.5	148.8	135.6	121.9	109.7	97.5	85.5	74.5	65.6	57.0	48.6
70°	196.1	181.3	166.2	150.4	133.9	117.6	103.7	90.5	77.4	67.3	57.5
67.5°	230.8	214.7	197.6	178.9	160.3	141.6	122.4	106.9	92.3	77.4	66.2
65°	270.5	249.8	229.1	208.8	187.5	165.7	144.7	124.3	106.9	90.5	74.7
62.5°	310.7	286.5	263.0	238.9	215.3	191.2	166.6	144.5	122.0	103.2	85.0
60°	351.9	325.0	296.8	269.8	243.2	216.8	190.1	164.3	139.9	115.8	96.0
57.5°	395.6	363.7	332.6	301.2	271.1	242.2	213.2	184.6	157.3	130.6	106.8
55°	439.8	404.2	368.6	334.0	299.5	267.1	235.8	204.6	174.5	145.8	117.3
52.5°	486.6	445.1	405.2	366.7	329.3	292.0	258.4	223.8	191.6	160.5	129.9
50°	527.0	487.3	442.1	399.6	358.5	319.2	280.6	244.0	208.0	174.8	142.3
47.5°	560.3	522.8	479.6	432.0	387.8	345.5	304.1	263.9	223.6	188.6	154.1
45°	574.5	553.4	512.6	465.0	416.4	371.7	327.4	283.4	241.1	201.8	165.4
42.5°	582.7	569.4	540.5	496.3	446.1	397.2	349.7	303.5	258.2	214.6	176.4
40°	574.8	577.1	562.3	522.5	475.3	421.7	372.0	322.9	274.7	227.6	187.1
37.5°	565.4	575.3	569.4	547.9	502.2	447.5	393.3	341.5	290.6	241.5	197.3
35°	559.7	566.8	577.0	562.6	524.3	472.2	413.5	359.3	306.1	254.6	207.0
32.5°	554.8	560.1	571.4	569.0	545.0	495.7	434.0	376.3	320.7	266.9	216.3
30°	559.2	556.1	564.8	574.9	560.3	513.9	453.9	392.2	334.3	278.2	225.2
27.5°	565.6	552.0	559.2	572.2	565.2	530.3	472.1	407.0	347.0	289.0	234.5
25°	573.2	554.7	555.5	566.9	569.5	545.1	488.7	420.7	359.0	299.2	242.9
22.5°	585.0	559.1	551.7	562.0	573.6	558.8	502.4	434.3	370.0	308.6	250.5
20°	595.6	562.7	548.1	557.4	572.9	562.2	513.5	446.5	380.0	317.0	257.3
17.5°	606.6	568.5	550.3	554.3	569.0	565.2	523.6	457.3	388.8	324.4	263.4
15°	624.5	576.3	552.9	551.6	565.3	567.8	532.5	466.5	396.4	330.9	268.6
12.5°	639.7	582.7	554.9	549.4	561.8	570.0	540.3	474.2	402.9	336.3	273.1
10°	652.1	587.8	556.3	547.6	558.6	571.9	546.8	481.1	408.7	340.5	276.9
7.5°	661.5	591.6	557.0	546.1	555.9	573.4	552.7	488.2	413.6	343.6	279.8
5°	668.4	595.7	559.0	545.4	554.4	574.4	557.1	493.9	417.3	345.7	281.8
2.5°	674.3	601.3	561.8	545.0	553.5	575.0	560.0	498.2	419.9	346.8	283.1
0°	677.0	605.5	564.2	544.9	553.2	575.2	561.4	500.9	421.1	346.8	283.5
-2.5°	674.3	601.3	561.8	545.0	553.5	575.0	560.0	498.2	419.9	346.8	283.1
-5°	668.4	595.7	559.0	545.4	554.4	574.4	557.1	493.9	417.3	345.7	281.8
-7.5°	661.5	591.6	557.0	546.1	555.9	573.4	552.7	488.2	413.6	343.6	279.8
-10°	652.1	587.8	556.3	547.6	558.6	571.9	546.8	481.1	408.7	340.5	276.9
-12.5°	639.7	582.7	554.9	549.4	561.8	570.0	540.3	474.2	402.9	336.3	273.1
-15°	624.5	576.3	552.9	551.6	565.3	567.8	532.5	466.5	396.4	330.9	268.6
-17.5°	606.6	568.5	550.3	554.3	569.0	565.2	523.6	457.3	388.8	324.4	263.4
-20°	595.6	562.7	548.1	557.4	572.9	562.2	513.5	446.5	380.0	317.0	257.3



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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°	585.0	559.1	551.7	562.0	573.6	558.8	502.4	434.3	370.0	308.6	250.5
-25°	573.2	554.7	555.5	566.9	569.5	545.1	488.7	420.7	359.0	299.2	242.9
-27.5°	565.6	552.0	559.2	572.2	565.2	530.3	472.1	407.0	347.0	289.0	234.5
-30°	559.2	556.1	564.8	574.9	560.3	513.9	453.9	392.2	334.3	278.2	225.2
-32.5°	554.8	560.1	571.4	569.0	545.0	495.7	434.0	376.3	320.7	266.9	216.3
-35°	559.7	566.8	577.0	562.6	524.3	472.2	413.5	359.3	306.1	254.6	207.0
-37.5°	565.4	575.3	569.4	547.9	502.2	447.5	393.3	341.5	290.6	241.5	197.3
-40°	574.8	577.1	562.3	522.5	475.3	421.7	372.0	322.9	274.7	227.6	187.1
-42.5°	582.7	569.4	540.5	496.3	446.1	397.2	349.7	303.5	258.2	214.6	176.4
-45°	574.5	553.4	512.6	465.0	416.4	371.7	327.4	283.4	241.1	201.8	165.4
-47.5°	560.3	522.8	479.6	432.0	387.8	345.5	304.1	263.9	223.6	188.6	154.1
-50°	527.0	487.3	442.1	399.6	358.5	319.2	280.6	244.0	208.0	174.8	142.3
-52.5°	486.6	445.1	405.2	366.7	329.3	292.0	258.4	223.8	191.6	160.5	129.9
-55°	439.8	404.2	368.6	334.0	299.5	267.1	235.8	204.6	174.5	145.8	117.3
-57.5°	395.6	363.7	332.6	301.2	271.1	242.2	213.2	184.6	157.3	130.6	106.8
-60°	351.9	325.0	296.8	269.8	243.2	216.8	190.1	164.3	139.9	115.8	96.0
-62.5°	310.7	286.5	263.0	238.9	215.3	191.2	166.6	144.5	122.0	103.2	85.0
-65°	270.5	249.8	229.1	208.8	187.5	165.7	144.7	124.3	106.9	90.5	74.7
-67.5°	230.8	214.7	197.6	178.9	160.3	141.6	122.4	106.9	92.3	77.4	66.2
-70°	196.1	181.3	166.2	150.4	133.9	117.6	103.7	90.5	77.4	67.3	57.5
-72.5°	161.5	148.8	135.6	121.9	109.7	97.5	85.5	74.5	65.6	57.0	48.6
-75°	127.1	117.3	107.6	97.7	87.4	77.3	69.0	61.0	53.7	46.6	39.9
-77.5°	96.5	88.8	81.1	74.4	67.5	60.6	53.9	47.4	42.0	36.8	31.1
-80°	68.3	63.6	59.0	54.2	49.0	43.8	39.6	35.4	31.3	27.0	22.4
-82.5°	42.9	40.8	38.6	36.2	33.2	30.2	27.0	23.8	20.6	17.2	14.8
-85°	25.4	24.0	22.3	20.5	18.5	16.5	15.2	13.9	12.6	11.3	9.9
-87.5°	11.1	10.6	10.0	9.5	8.9	8.2	7.6	7.0	6.3	5.6	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°	4.3	3.6	2.9	2.2	1.4	0.7	0.0
85°	8.5	7.1	5.7	4.3	2.9	1.4	0.0
82.5°	12.8	10.7	8.6	6.4	4.3	2.2	0.0
80°	17.4	14.2	11.4	8.6	5.7	2.9	0.0
77.5°	25.1	18.7	14.2	10.7	7.1	3.6	0.0
75°	32.7	24.9	17.4	12.8	8.5	4.3	0.0
72.5°	40.2	31.0	22.2	14.8	9.9	5.0	0.0
70°	47.5	37.0	26.9	17.2	11.3	5.6	0.0
67.5°	55.0	42.9	31.5	20.6	12.6	6.3	0.0
65°	62.3	49.0	36.1	23.9	13.9	7.0	0.0
62.5°	69.6	55.3	40.5	27.2	15.2	7.6	0.0
60°	76.8	61.4	44.8	30.4	16.5	8.2	0.0
57.5°	85.9	67.5	49.8	33.5	18.6	8.9	0.0
55°	94.9	73.5	54.6	36.5	20.6	9.5	0.0
52.5°	103.7	79.6	59.4	39.4	22.6	10.0	0.0
50°	112.3	86.8	64.1	42.1	24.5	10.6	0.0
47.5°	120.8	93.6	68.6	45.0	26.4	11.1	0.0
45°	130.4	100.3	73.0	48.3	28.2	11.7	0.0
42.5°	139.5	106.6	77.3	51.5	30.0	12.2	0.0
40°	148.1	112.7	81.8	54.6	31.6	12.6	0.0
37.5°	156.3	118.5	86.4	57.6	33.3	13.1	0.0
35°	163.8	124.6	90.8	60.3	34.8	13.5	0.0
32.5°	171.1	130.5	94.9	62.9	36.3	13.9	0.0
30°	178.4	136.0	98.8	65.2	37.6	14.3	0.0
27.5°	185.3	141.1	102.1	67.4	38.9	14.6	0.0
25°	191.6	145.7	105.1	69.3	40.1	15.0	0.0
22.5°	197.4	149.7	107.8	71.0	41.3	15.2	0.0
20°	202.6	153.2	110.2	72.5	42.3	15.5	0.0
17.5°	207.2	156.2	112.3	73.7	43.2	15.7	0.0
15°	211.3	158.8	114.1	74.8	44.1	15.9	0.0
12.5°	214.8	161.0	115.6	75.7	44.8	16.1	0.0
10°	217.6	162.7	116.8	76.4	45.4	16.2	0.0
7.5°	219.9	164.0	117.6	76.8	45.9	16.4	0.0
5°	221.6	164.8	118.2	77.1	46.3	16.4	0.0
2.5°	222.6	165.2	118.4	77.2	46.6	16.5	0.0
0°	222.9	165.1	118.3	77.1	46.8	16.5	0.0
-2.5°	222.6	165.2	118.4	77.2	46.6	16.5	0.0
-5°	221.6	164.8	118.2	77.1	46.3	16.4	0.0
-7.5°	219.9	164.0	117.6	76.8	45.9	16.4	0.0
-10°	217.6	162.7	116.8	76.4	45.4	16.2	0.0
-12.5°	214.8	161.0	115.6	75.7	44.8	16.1	0.0
-15°	211.3	158.8	114.1	74.8	44.1	15.9	0.0
-17.5°	207.2	156.2	112.3	73.7	43.2	15.7	0.0
-20°	202.6	153.2	110.2	72.5	42.3	15.5	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	197.4	149.7	107.8	71.0	41.3	15.2	0.0
-25°	191.6	145.7	105.1	69.3	40.1	15.0	0.0
-27.5°	185.3	141.1	102.1	67.4	38.9	14.6	0.0
-30°	178.4	136.0	98.8	65.2	37.6	14.3	0.0
-32.5°	171.1	130.5	94.9	62.9	36.3	13.9	0.0
-35°	163.8	124.6	90.8	60.3	34.8	13.5	0.0
-37.5°	156.3	118.5	86.4	57.6	33.3	13.1	0.0
-40°	148.1	112.7	81.8	54.6	31.6	12.6	0.0
-42.5°	139.5	106.6	77.3	51.5	30.0	12.2	0.0
-45°	130.4	100.3	73.0	48.3	28.2	11.7	0.0
-47.5°	120.8	93.6	68.6	45.0	26.4	11.1	0.0
-50°	112.3	86.8	64.1	42.1	24.5	10.6	0.0
-52.5°	103.7	79.6	59.4	39.4	22.6	10.0	0.0
-55°	94.9	73.5	54.6	36.5	20.6	9.5	0.0
-57.5°	85.9	67.5	49.8	33.5	18.6	8.9	0.0
-60°	76.8	61.4	44.8	30.4	16.5	8.2	0.0
-62.5°	69.6	55.3	40.5	27.2	15.2	7.6	0.0
-65°	62.3	49.0	36.1	23.9	13.9	7.0	0.0
-67.5°	55.0	42.9	31.5	20.6	12.6	6.3	0.0
-70°	47.5	37.0	26.9	17.2	11.3	5.6	0.0
-72.5°	40.2	31.0	22.2	14.8	9.9	5.0	0.0
-75°	32.7	24.9	17.4	12.8	8.5	4.3	0.0
-77.5°	25.1	18.7	14.2	10.7	7.1	3.6	0.0
-80°	17.4	14.2	11.4	8.6	5.7	2.9	0.0
-82.5°	12.8	10.7	8.6	6.4	4.3	2.2	0.0
-85°	8.5	7.1	5.7	4.3	2.9	1.4	0.0
-87.5°	4.3	3.6	2.9	2.2	1.4	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)