

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: P558918 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-930-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558918 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA4C-930-U-NAT-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (64) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

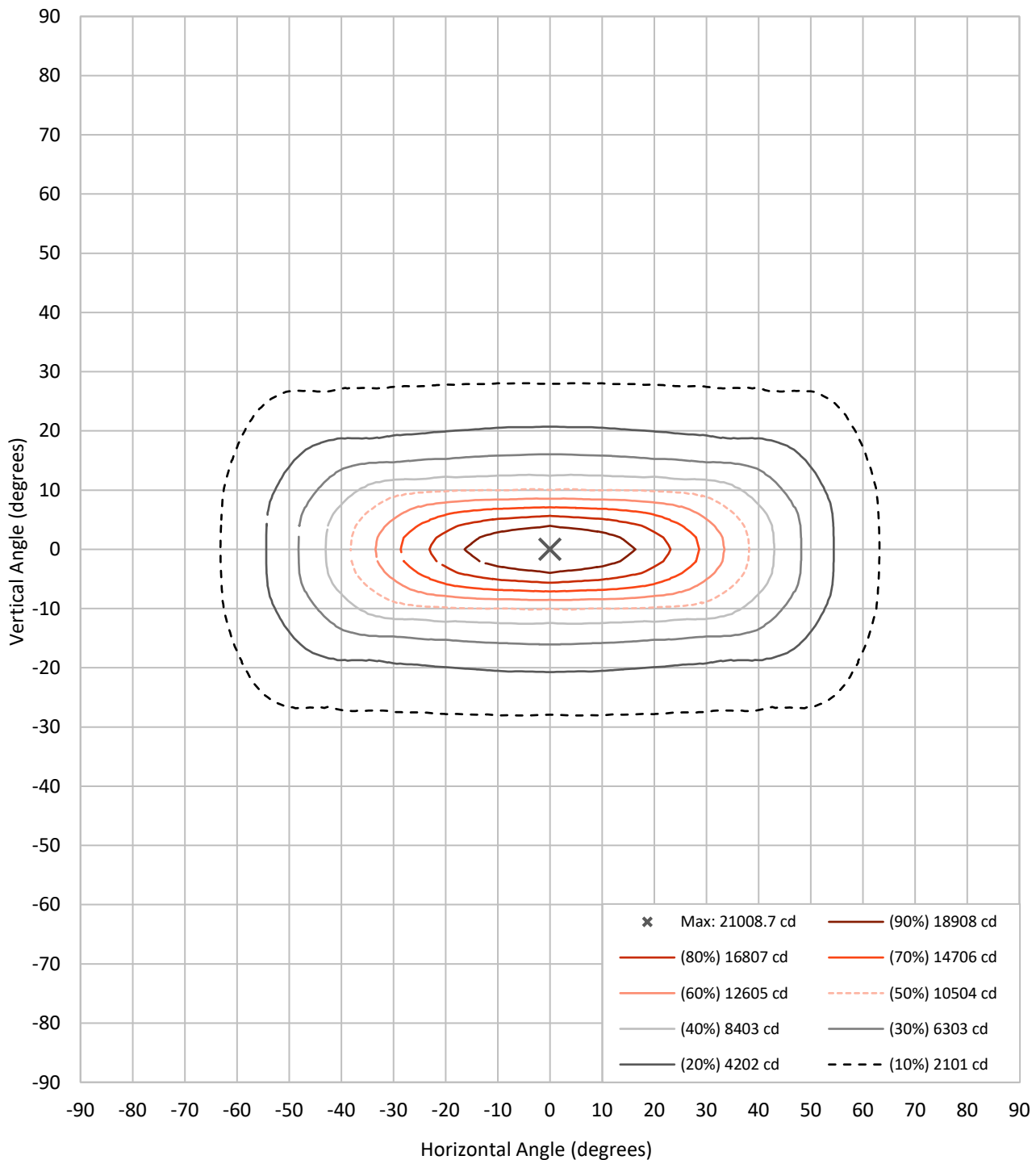
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	15046 lumens	Max Intensity:	21008.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	91.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	6019.9 lumens	Field Lumens:	12331.8 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 164
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





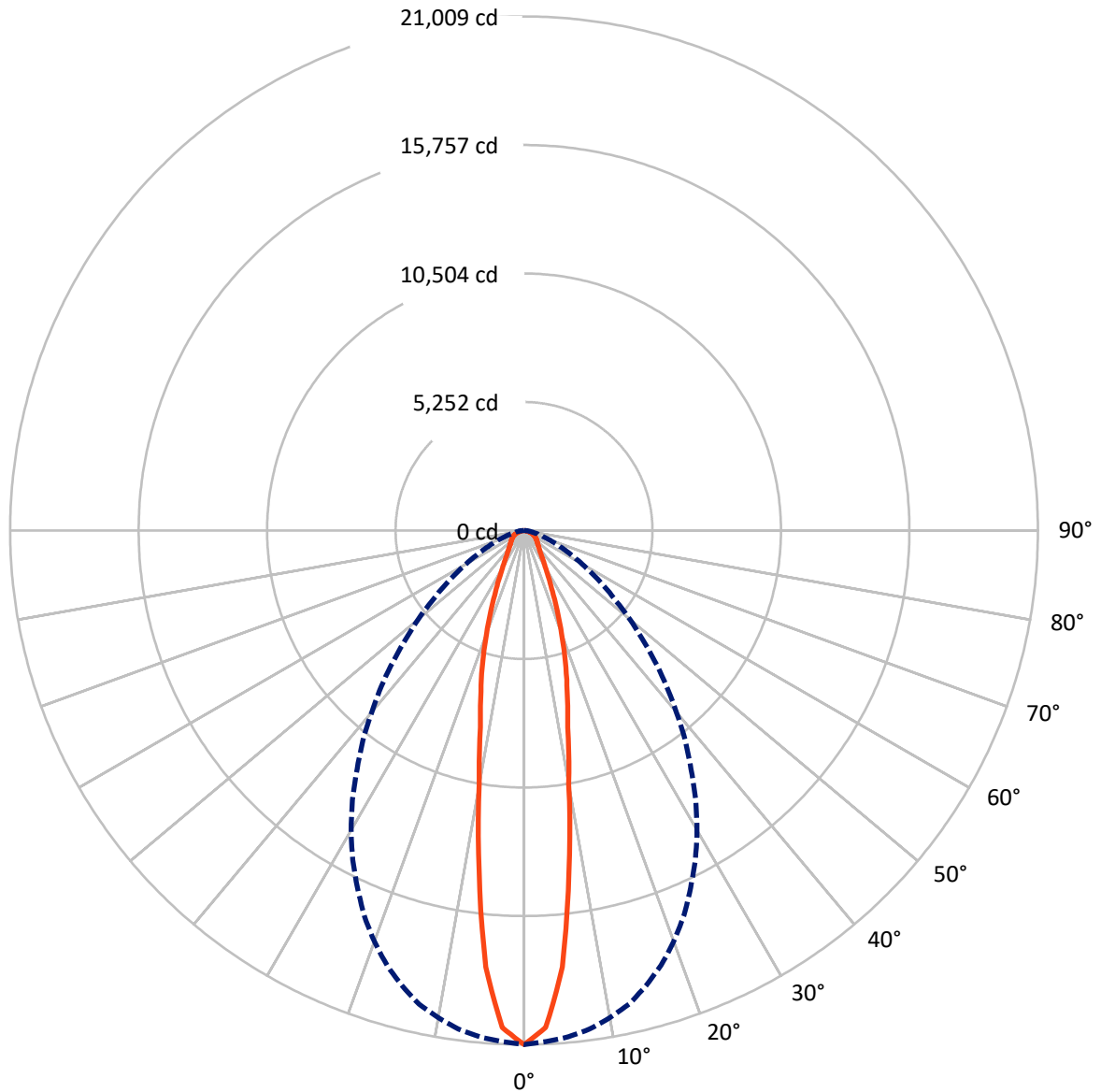
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Lumen Table

90																			
80	0.8	5.2		10.5		15.3		17.2		15.3		10.5		5.2		0.8			
70																			
60	3.2	3.0	5.3	7.2	8.9	10.7	12.2	13.1	13.1	12.2	10.7	8.9	7.2	5.3	3.0	3.2			
50		4.9	8.6	11.5	13.7	15.7	17.4	18.4	18.4	17.4	15.7	13.7	11.5	8.6	4.9				
40	6.5	7.5	13.1	17.3	20.0	22.0	23.7	24.6	24.6	23.7	22.0	20.0	17.3	13.1	7.5	6.5			
30		11.1	20.9	27.6	32.2	35.6	38.0	39.1	39.1	38.0	35.6	32.2	27.6	20.9	11.1				
20	9.9	15.6	35.6	53.0	64.1	74.3	82.8	87.6	87.6	82.8	74.3	64.1	53.0	35.6	15.6	9.9			
10		20.6	54.8	105.5	151.7	180.8	201.4	213.0	213.0	201.4	180.8	151.7	105.5	54.8	20.6				
0	11.4	23.6	70.4	155.5	268.9	381.5	464.3	507.8	507.8	464.3	381.5	268.9	155.5	70.4	23.6	11.4			
-10		23.6	70.4	155.5	268.9	381.5	464.3	507.8	507.8	464.3	381.5	268.9	155.5	70.4	23.6				
-20	9.9	20.6	54.8	105.5	151.7	180.8	201.4	213.0	213.0	201.4	180.8	151.7	105.5	54.8	20.6	9.9			
-30		15.6	35.6	53.0	64.1	74.3	82.8	87.6	87.6	82.8	74.3	64.1	53.0	35.6	15.6				
-40	6.5	11.1	20.9	27.6	32.2	35.6	38.0	39.1	39.1	38.0	35.6	32.2	27.6	20.9	11.1	6.5			
-50		7.5	13.1	17.3	20.0	22.0	23.7	24.6	24.6	23.7	22.0	20.0	17.3	13.1	7.5				
-60	3.2	4.9	8.6	11.5	13.7	15.7	17.4	18.4	18.4	17.4	15.7	13.7	11.5	8.6	4.9	3.2			
-70		3.0	5.3	7.2	8.9	10.7	12.2	13.1	13.1	12.2	10.7	8.9	7.2	5.3	3.0				
-80	0.8	5.2		10.5		15.3		17.2		15.3		10.5		5.2		0.8			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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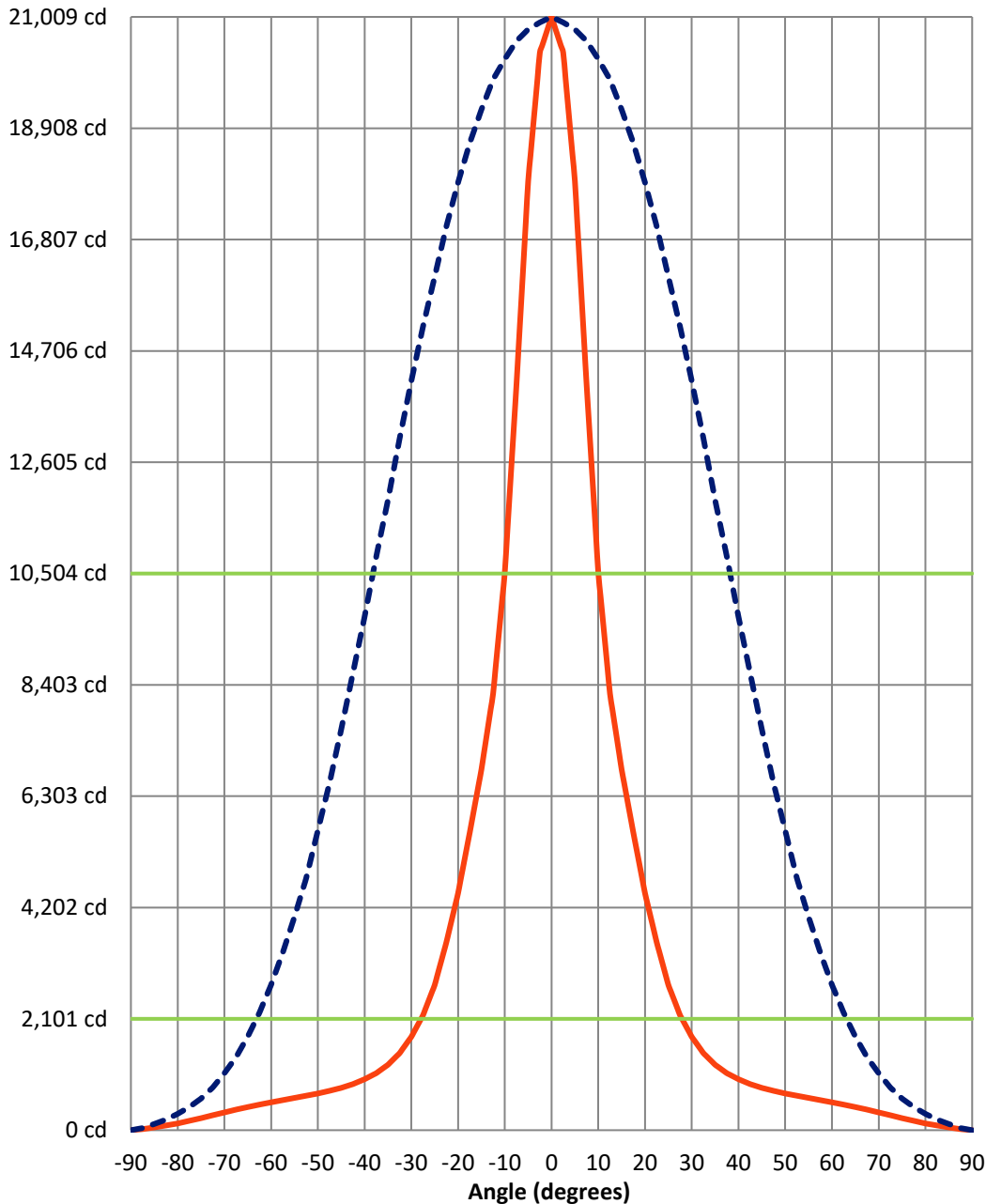
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 76.4°
 V Angle: 20°
 Lumens: 6019.9
 Efficiency: 40.0%

Field:
 H Angle: 126.3°
 V Angle: 55.8°
 Lumens: 12331.8
 Efficiency: 82.0%

Spill:
 Lumens: 2714.2
 Efficiency: 18.0%

- 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	1.7	3.5	5.0	6.3	7.4	8.4	9.5	10.6	11.5	12.4
85°	0.0	3.5	7.0	10.0	12.6	14.9	16.8	19.0	21.1	23.0	24.8
82.5°	0.0	5.2	10.5	14.9	18.9	22.3	25.2	28.5	32.3	38.5	44.1
80°	0.0	7.0	13.9	19.9	25.1	29.7	34.5	43.8	52.5	60.4	67.5
77.5°	0.0	8.7	17.3	24.8	31.4	39.4	50.7	62.1	72.7	82.3	91.4
75°	0.0	10.4	20.7	29.7	38.6	53.4	66.9	80.3	93.0	105.9	116.9
72.5°	0.0	12.1	24.1	34.6	50.1	67.3	83.0	99.1	115.8	130.3	142.5
70°	0.0	13.7	27.4	40.2	61.4	81.1	99.4	120.0	138.5	154.7	170.6
67.5°	0.0	15.3	30.7	48.9	72.7	94.8	118.2	140.7	161.4	182.6	199.6
65°	0.0	16.9	33.9	57.4	83.9	109.7	136.8	161.5	187.8	210.6	230.7
62.5°	0.0	18.5	37.0	65.9	94.9	125.7	155.4	184.7	214.2	239.9	266.2
60°	0.0	20.0	40.1	74.2	105.8	141.6	173.9	209.0	240.8	273.2	301.9
57.5°	0.0	21.5	45.5	82.4	118.5	157.3	194.8	233.2	270.6	306.6	340.5
55°	0.0	23.0	50.8	90.4	131.3	172.8	215.9	257.3	301.1	341.3	381.3
52.5°	0.0	24.4	56.0	98.2	143.7	188.5	236.6	284.4	331.5	380.5	423.1
50°	0.0	25.8	61.0	105.8	156.0	205.7	257.0	312.0	363.7	420.4	472.9
47.5°	0.0	27.1	65.9	113.7	168.0	222.6	277.7	339.6	400.4	460.9	525.3
45°	0.0	28.4	70.6	122.5	179.7	239.0	301.7	367.4	438.0	510.4	579.5
42.5°	0.0	29.6	75.1	131.0	191.1	255.1	325.5	398.1	475.5	561.0	641.3
40°	0.0	30.7	79.5	139.0	202.8	270.7	349.0	430.6	515.7	612.7	706.3
37.5°	0.0	31.8	83.6	146.4	214.8	285.8	372.2	462.8	561.2	666.8	773.4
35°	0.0	32.8	87.5	153.4	226.3	303.0	395.1	494.5	606.6	726.6	846.1
32.5°	0.0	33.8	91.3	159.8	237.3	320.9	418.6	525.6	651.6	787.3	926.1
30°	0.0	34.7	94.8	165.8	247.9	338.3	443.6	557.6	696.1	848.5	1008.0
27.5°	0.0	35.6	98.1	171.3	256.6	355.1	467.9	593.9	742.7	910.0	1091.3
25°	0.0	36.3	101.1	176.3	264.7	371.2	491.2	629.1	792.9	976.8	1175.8
22.5°	0.0	37.0	103.9	180.9	272.1	385.5	513.4	663.1	842.2	1046.0	1268.3
20°	0.0	37.7	106.5	184.9	279.0	396.4	534.6	695.7	890.2	1114.1	1359.9
17.5°	0.0	38.2	108.8	188.4	285.2	406.0	550.5	726.6	936.6	1180.8	1450.1
15°	0.0	38.7	110.8	191.4	290.7	414.3	562.4	751.0	981.0	1245.4	1537.9
12.5°	0.0	39.1	112.6	193.9	295.5	421.2	572.6	766.9	1012.9	1307.2	1622.7
10°	0.0	39.5	114.1	195.8	299.6	426.8	581.0	780.0	1033.2	1336.4	1688.8
7.5°	0.0	39.8	115.3	197.3	303.0	431.1	587.6	790.4	1049.7	1355.6	1718.8
5°	0.0	39.9	116.2	198.3	305.6	434.1	592.5	798.0	1062.1	1368.9	1742.0
2.5°	0.0	40.1	116.8	198.9	307.3	435.8	595.5	802.8	1070.4	1376.4	1758.1
0°	0.0	40.1	117.2	198.9	308.3	436.3	596.6	804.7	1074.5	1378.2	1766.7
-2.5°	0.0	40.1	116.8	198.9	307.3	435.8	595.5	802.8	1070.4	1376.4	1758.1
-5°	0.0	39.9	116.2	198.3	305.6	434.1	592.5	798.0	1062.1	1368.9	1742.0
-7.5°	0.0	39.8	115.3	197.3	303.0	431.1	587.6	790.4	1049.7	1355.6	1718.8
-10°	0.0	39.5	114.1	195.8	299.6	426.8	581.0	780.0	1033.2	1336.4	1688.8
-12.5°	0.0	39.1	112.6	193.9	295.5	421.2	572.6	766.9	1012.9	1307.2	1622.7
-15°	0.0	38.7	110.8	191.4	290.7	414.3	562.4	751.0	981.0	1245.4	1537.9
-17.5°	0.0	38.2	108.8	188.4	285.2	406.0	550.5	726.6	936.6	1180.8	1450.1
-20°	0.0	37.7	106.5	184.9	279.0	396.4	534.6	695.7	890.2	1114.1	1359.9



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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	37.0	103.9	180.9	272.1	385.5	513.4	663.1	842.2	1046.0	1268.3
-25°	0.0	36.3	101.1	176.3	264.7	371.2	491.2	629.1	792.9	976.8	1175.8
-27.5°	0.0	35.6	98.1	171.3	256.6	355.1	467.9	593.9	742.7	910.0	1091.3
-30°	0.0	34.7	94.8	165.8	247.9	338.3	443.6	557.6	696.1	848.5	1008.0
-32.5°	0.0	33.8	91.3	159.8	237.3	320.9	418.6	525.6	651.6	787.3	926.1
-35°	0.0	32.8	87.5	153.4	226.3	303.0	395.1	494.5	606.6	726.6	846.1
-37.5°	0.0	31.8	83.6	146.4	214.8	285.8	372.2	462.8	561.2	666.8	773.4
-40°	0.0	30.7	79.5	139.0	202.8	270.7	349.0	430.6	515.7	612.7	706.3
-42.5°	0.0	29.6	75.1	131.0	191.1	255.1	325.5	398.1	475.5	561.0	641.3
-45°	0.0	28.4	70.6	122.5	179.7	239.0	301.7	367.4	438.0	510.4	579.5
-47.5°	0.0	27.1	65.9	113.7	168.0	222.6	277.7	339.6	400.4	460.9	525.3
-50°	0.0	25.8	61.0	105.8	156.0	205.7	257.0	312.0	363.7	420.4	472.9
-52.5°	0.0	24.4	56.0	98.2	143.7	188.5	236.6	284.4	331.5	380.5	423.1
-55°	0.0	23.0	50.8	90.4	131.3	172.8	215.9	257.3	301.1	341.3	381.3
-57.5°	0.0	21.5	45.5	82.4	118.5	157.3	194.8	233.2	270.6	306.6	340.5
-60°	0.0	20.0	40.1	74.2	105.8	141.6	173.9	209.0	240.8	273.2	301.9
-62.5°	0.0	18.5	37.0	65.9	94.9	125.7	155.4	184.7	214.2	239.9	266.2
-65°	0.0	16.9	33.9	57.4	83.9	109.7	136.8	161.5	187.8	210.6	230.7
-67.5°	0.0	15.3	30.7	48.9	72.7	94.8	118.2	140.7	161.4	182.6	199.6
-70°	0.0	13.7	27.4	40.2	61.4	81.1	99.4	120.0	138.5	154.7	170.6
-72.5°	0.0	12.1	24.1	34.6	50.1	67.3	83.0	99.1	115.8	130.3	142.5
-75°	0.0	10.4	20.7	29.7	38.6	53.4	66.9	80.3	93.0	105.9	116.9
-77.5°	0.0	8.7	17.3	24.8	31.4	39.4	50.7	62.1	72.7	82.3	91.4
-80°	0.0	7.0	13.9	19.9	25.1	29.7	34.5	43.8	52.5	60.4	67.5
-82.5°	0.0	5.2	10.5	14.9	18.9	22.3	25.2	28.5	32.3	38.5	44.1
-85°	0.0	3.5	7.0	10.0	12.6	14.9	16.8	19.0	21.1	23.0	24.8
-87.5°	0.0	1.7	3.5	5.0	6.3	7.4	8.4	9.5	10.6	11.5	12.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	13.3	14.2	15.1	15.9	16.6	17.3	18.0	18.5	19.3	20.1	20.8
85°	26.7	28.5	31.5	34.0	36.4	38.4	40.1	41.5	43.0	44.2	45.2
82.5°	49.1	53.2	56.5	58.9	61.8	64.2	66.4	68.2	70.1	71.9	73.4
80°	73.3	78.0	82.8	87.0	91.1	94.2	96.2	97.0	99.4	102.5	105.7
77.5°	99.4	106.5	112.8	118.2	122.5	126.4	129.2	130.8	134.7	139.2	143.1
75°	126.5	135.1	143.8	151.3	157.3	161.7	165.0	167.6	172.3	178.2	183.3
72.5°	154.6	166.3	176.5	185.3	193.3	199.5	204.1	207.1	211.8	218.7	224.3
70°	184.3	197.6	211.5	222.9	231.4	238.7	244.7	248.8	253.0	260.1	265.3
67.5°	215.0	234.0	249.4	261.4	271.0	279.8	286.6	291.1	293.0	300.1	306.0
65°	251.2	271.5	288.7	302.1	311.7	322.6	330.2	334.0	335.2	342.9	350.2
62.5°	288.1	310.6	329.3	344.8	357.2	367.6	376.1	380.9	381.7	387.4	395.8
60°	327.4	350.4	372.7	391.4	404.7	415.4	424.6	429.7	430.7	433.1	442.6
57.5°	368.4	393.3	419.4	440.3	455.8	464.6	474.7	480.3	482.6	481.2	491.0
55°	413.0	438.9	468.3	492.7	509.2	517.3	526.7	534.8	537.5	535.7	541.5
52.5°	463.6	489.3	520.7	547.5	566.0	575.7	582.3	592.0	596.4	594.4	593.3
50°	516.7	549.1	575.0	605.6	628.0	640.7	640.8	652.8	658.6	656.9	648.9
47.5°	576.8	613.3	633.0	668.1	697.0	712.0	713.0	717.8	725.0	726.9	720.1
45°	641.8	686.3	707.4	738.8	771.3	789.6	795.1	786.5	799.4	803.3	799.1
42.5°	710.2	767.0	800.4	813.1	850.9	876.4	886.2	880.2	879.5	888.5	888.3
40°	789.2	854.5	904.5	917.8	936.9	972.0	992.9	991.8	968.4	985.0	989.3
37.5°	873.7	958.5	1020.4	1047.9	1033.4	1080.3	1110.9	1123.2	1108.7	1092.3	1110.9
35°	962.6	1069.8	1153.2	1200.1	1202.1	1201.1	1248.9	1274.5	1276.2	1246.3	1253.1
32.5°	1062.1	1187.9	1298.4	1374.2	1408.7	1387.4	1399.8	1453.6	1480.0	1468.6	1425.5
30°	1168.9	1323.3	1458.8	1565.7	1642.8	1665.4	1614.1	1656.1	1714.6	1737.9	1719.1
27.5°	1277.0	1467.0	1638.7	1787.1	1906.3	1982.0	1983.7	1918.9	1985.2	2041.4	2063.1
25°	1386.7	1610.8	1829.6	2030.6	2211.2	2341.1	2400.9	2407.9	2315.2	2399.5	2477.9
22.5°	1503.7	1758.7	2018.4	2290.0	2541.6	2732.4	2877.3	2964.7	2961.9	2873.5	2942.5
20°	1627.5	1919.7	2222.1	2544.3	2887.4	3149.7	3392.6	3578.4	3690.3	3727.5	3655.0
17.5°	1751.0	2082.1	2435.9	2819.8	3216.8	3580.3	3944.3	4240.9	4475.8	4668.6	4737.6
15°	1873.1	2244.2	2650.6	3097.1	3555.8	4010.8	4478.9	4933.1	5332.8	5685.7	5894.9
12.5°	1992.3	2404.0	2863.6	3373.1	3899.5	4447.3	5005.9	5559.1	6135.0	6706.6	7141.0
10°	2107.3	2559.7	3072.2	3644.4	4243.0	4883.6	5531.9	6188.4	6888.0	7562.1	8211.1
7.5°	2156.4	2661.4	3251.9	3907.1	4580.6	5313.2	6049.9	6812.1	7629.5	8416.1	9208.6
5°	2186.7	2701.8	3302.4	3985.0	4734.3	5593.6	6472.6	7416.7	8349.4	9255.1	10189.0
2.5°	2206.9	2729.4	3336.1	4015.8	4757.1	5639.6	6529.7	7510.0	8556.5	9603.7	10715.4
0°	2216.8	2744.0	3352.9	4025.1	4754.2	5654.5	6551.7	7563.0	8623.6	9688.9	10826.5
-2.5°	2206.9	2729.4	3336.1	4015.8	4757.1	5639.6	6529.7	7510.0	8556.5	9603.7	10715.4
-5°	2186.7	2701.8	3302.4	3985.0	4734.3	5593.6	6472.6	7416.7	8349.4	9255.1	10189.0
-7.5°	2156.4	2661.4	3251.9	3907.1	4580.6	5313.2	6049.9	6812.1	7629.5	8416.1	9208.6
-10°	2107.3	2559.7	3072.2	3644.4	4243.0	4883.6	5531.9	6188.4	6888.0	7562.1	8211.1
-12.5°	1992.3	2404.0	2863.6	3373.1	3899.5	4447.3	5005.9	5559.1	6135.0	6706.6	7141.0
-15°	1873.1	2244.2	2650.6	3097.1	3555.8	4010.8	4478.9	4933.1	5332.8	5685.7	5894.9
-17.5°	1751.0	2082.1	2435.9	2819.8	3216.8	3580.3	3944.3	4240.9	4475.8	4668.6	4737.6
-20°	1627.5	1919.7	2222.1	2544.3	2887.4	3149.7	3392.6	3578.4	3690.3	3727.5	3655.0



REPORT NUMBER: P558918 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-930-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1503.7	1758.7	2018.4	2290.0	2541.6	2732.4	2877.3	2964.7	2961.9	2873.5	2942.5
-25°	1386.7	1610.8	1829.6	2030.6	2211.2	2341.1	2400.9	2407.9	2315.2	2399.5	2477.9
-27.5°	1277.0	1467.0	1638.7	1787.1	1906.3	1982.0	1983.7	1918.9	1985.2	2041.4	2063.1
-30°	1168.9	1323.3	1458.8	1565.7	1642.8	1665.4	1614.1	1656.1	1714.6	1737.9	1719.1
-32.5°	1062.1	1187.9	1298.4	1374.2	1408.7	1387.4	1399.8	1453.6	1480.0	1468.6	1425.5
-35°	962.6	1069.8	1153.2	1200.1	1202.1	1201.1	1248.9	1274.5	1276.2	1246.3	1253.1
-37.5°	873.7	958.5	1020.4	1047.9	1033.4	1080.3	1110.9	1123.2	1108.7	1092.3	1110.9
-40°	789.2	854.5	904.5	917.8	936.9	972.0	992.9	991.8	968.4	985.0	989.3
-42.5°	710.2	767.0	800.4	813.1	850.9	876.4	886.2	880.2	879.5	888.5	888.3
-45°	641.8	686.3	707.4	738.8	771.3	789.6	795.1	786.5	799.4	803.3	799.1
-47.5°	576.8	613.3	633.0	668.1	697.0	712.0	713.0	717.8	725.0	726.9	720.1
-50°	516.7	549.1	575.0	605.6	628.0	640.7	640.8	652.8	658.6	656.9	648.9
-52.5°	463.6	489.3	520.7	547.5	566.0	575.7	582.3	592.0	596.4	594.4	593.3
-55°	413.0	438.9	468.3	492.7	509.2	517.3	526.7	534.8	537.5	535.7	541.5
-57.5°	368.4	393.3	419.4	440.3	455.8	464.6	474.7	480.3	482.6	481.2	491.0
-60°	327.4	350.4	372.7	391.4	404.7	415.4	424.6	429.7	430.7	433.1	442.6
-62.5°	288.1	310.6	329.3	344.8	357.2	367.6	376.1	380.9	381.7	387.4	395.8
-65°	251.2	271.5	288.7	302.1	311.7	322.6	330.2	334.0	335.2	342.9	350.2
-67.5°	215.0	234.0	249.4	261.4	271.0	279.8	286.6	291.1	293.0	300.1	306.0
-70°	184.3	197.6	211.5	222.9	231.4	238.7	244.7	248.8	253.0	260.1	265.3
-72.5°	154.6	166.3	176.5	185.3	193.3	199.5	204.1	207.1	211.8	218.7	224.3
-75°	126.5	135.1	143.8	151.3	157.3	161.7	165.0	167.6	172.3	178.2	183.3
-77.5°	99.4	106.5	112.8	118.2	122.5	126.4	129.2	130.8	134.7	139.2	143.1
-80°	73.3	78.0	82.8	87.0	91.1	94.2	96.2	97.0	99.4	102.5	105.7
-82.5°	49.1	53.2	56.5	58.9	61.8	64.2	66.4	68.2	70.1	71.9	73.4
-85°	26.7	28.5	31.5	34.0	36.4	38.4	40.1	41.5	43.0	44.2	45.2
-87.5°	13.3	14.2	15.1	15.9	16.6	17.3	18.0	18.5	19.3	20.1	20.8
-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: P558918 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	21.5	21.1	20.7	20.2	19.6	19.6	19.5	19.5	19.3	19.2	19.0
85°	45.9	46.7	47.6	48.4	49.2	50.0	50.7	51.2	51.7	51.6	51.5
82.5°	74.7	77.2	79.7	82.1	84.3	85.5	86.4	86.9	87.3	87.9	88.5
80°	108.5	112.2	115.5	118.4	120.7	122.4	123.7	124.8	125.6	126.5	127.1
77.5°	146.7	150.8	154.8	158.2	161.1	163.9	166.2	168.1	169.5	171.6	173.6
75°	187.5	192.1	196.9	201.2	205.1	209.1	213.1	216.8	220.1	222.8	224.9
72.5°	228.6	233.4	239.4	244.9	250.1	255.6	260.9	265.6	269.7	273.5	277.0
70°	269.2	273.8	281.4	288.8	295.7	302.3	308.7	314.5	319.7	324.6	329.1
67.5°	311.1	315.9	325.4	334.0	341.6	348.8	356.4	363.1	369.0	374.2	378.8
65°	355.9	360.1	370.4	379.7	387.9	394.6	402.8	410.1	416.7	422.4	427.3
62.5°	402.1	406.4	414.9	424.2	431.9	438.4	447.9	456.2	463.2	469.1	474.0
60°	449.2	452.9	459.4	469.5	478.2	485.3	493.7	501.7	508.6	514.3	519.5
57.5°	498.0	501.6	504.8	515.0	523.3	529.7	537.1	545.0	551.6	557.1	562.4
55°	548.3	551.2	550.2	559.6	567.4	572.7	578.2	586.5	593.1	597.9	602.8
52.5°	599.9	603.2	600.9	604.9	613.4	618.1	620.5	629.5	636.3	640.6	645.1
50°	657.2	659.9	657.8	655.6	663.8	668.8	670.1	677.4	683.5	686.8	690.0
47.5°	719.5	722.8	721.1	712.1	719.5	725.7	725.9	729.0	735.3	737.8	739.8
45°	787.2	793.6	792.2	785.9	784.9	791.3	790.6	788.1	795.5	798.7	799.7
42.5°	875.9	873.8	875.8	872.2	861.0	868.2	869.1	860.0	869.2	873.1	870.8
40°	984.6	964.7	975.7	974.1	963.6	962.1	967.7	960.3	961.7	967.3	963.0
37.5°	1113.9	1099.7	1093.8	1098.7	1095.7	1082.3	1092.9	1090.3	1081.8	1091.3	1087.2
35°	1273.1	1268.8	1236.9	1256.3	1260.4	1247.6	1251.3	1256.8	1238.5	1252.9	1251.4
32.5°	1459.2	1468.7	1461.7	1449.8	1467.9	1470.2	1449.2	1474.5	1464.3	1467.9	1477.8
30°	1670.0	1718.3	1741.9	1720.8	1732.1	1754.7	1744.3	1761.9	1770.2	1757.1	1782.0
27.5°	2038.2	2021.0	2077.4	2101.9	2075.7	2116.7	2146.5	2133.3	2176.9	2151.2	2188.0
25°	2506.1	2480.9	2496.0	2577.1	2595.1	2574.3	2658.3	2668.2	2702.8	2707.1	2732.8
22.5°	3055.9	3116.7	3109.7	3134.3	3236.2	3270.4	3301.4	3382.2	3363.8	3437.0	3449.7
20°	3670.6	3823.6	3928.9	3951.1	3994.6	4111.8	4165.6	4229.3	4272.1	4341.4	4400.1
17.5°	4710.6	4632.2	4838.8	4968.6	5037.0	5061.3	5202.4	5248.4	5354.4	5415.0	5475.1
15°	6045.8	6091.4	5998.1	6121.9	6331.0	6401.6	6320.4	6509.9	6563.2	6665.2	6683.2
12.5°	7472.9	7703.9	7817.2	7847.9	7738.7	8036.0	8155.1	8005.6	8175.2	8144.6	8284.2
10°	8834.6	9395.9	9731.9	9968.3	10111.9	10198.4	10284.4	10439.0	10441.7	10556.2	10489.3
7.5°	9952.6	10664.2	11344.1	12003.7	12531.2	12826.9	13059.1	13281.8	13579.1	13721.4	13813.9
5°	11046.3	11867.4	12680.9	13480.3	14204.3	14900.8	15583.5	16175.6	16489.4	16856.1	17183.1
2.5°	11753.7	12792.3	13831.3	14860.2	15696.8	16464.3	17174.9	17834.8	18413.6	18949.2	19401.4
0°	11891.8	13054.1	14137.9	15164.6	16106.5	17054.5	17882.4	18628.5	19259.0	19827.9	20211.7
-2.5°	11753.7	12792.3	13831.3	14860.2	15696.8	16464.3	17174.9	17834.8	18413.6	18949.2	19401.4
-5°	11046.3	11867.4	12680.9	13480.3	14204.3	14900.8	15583.5	16175.6	16489.4	16856.1	17183.1
-7.5°	9952.6	10664.2	11344.1	12003.7	12531.2	12826.9	13059.1	13281.8	13579.1	13721.4	13813.9
-10°	8834.6	9395.9	9731.9	9968.3	10111.9	10198.4	10284.4	10439.0	10441.7	10556.2	10489.3
-12.5°	7472.9	7703.9	7817.2	7847.9	7738.7	8036.0	8155.1	8005.6	8175.2	8144.6	8284.2
-15°	6045.8	6091.4	5998.1	6121.9	6331.0	6401.6	6320.4	6509.9	6563.2	6665.2	6683.2
-17.5°	4710.6	4632.2	4838.8	4968.6	5037.0	5061.3	5202.4	5248.4	5354.4	5415.0	5475.1
-20°	3670.6	3823.6	3928.9	3951.1	3994.6	4111.8	4165.6	4229.3	4272.1	4341.4	4400.1



REPORT NUMBER: P558918 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-930-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3055.9	3116.7	3109.7	3134.3	3236.2	3270.4	3301.4	3382.2	3363.8	3437.0	3449.7
-25°	2506.1	2480.9	2496.0	2577.1	2595.1	2574.3	2658.3	2668.2	2702.8	2707.1	2732.8
-27.5°	2038.2	2021.0	2077.4	2101.9	2075.7	2116.7	2146.5	2133.3	2176.9	2151.2	2188.0
-30°	1670.0	1718.3	1741.9	1720.8	1732.1	1754.7	1744.3	1761.9	1770.2	1757.1	1782.0
-32.5°	1459.2	1468.7	1461.7	1449.8	1467.9	1470.2	1449.2	1474.5	1464.3	1467.9	1477.8
-35°	1273.1	1268.8	1236.9	1256.3	1260.4	1247.6	1251.3	1256.8	1238.5	1252.9	1251.4
-37.5°	1113.9	1099.7	1093.8	1098.7	1095.7	1082.3	1092.9	1090.3	1081.8	1091.3	1087.2
-40°	984.6	964.7	975.7	974.1	963.6	962.1	967.7	960.3	961.7	967.3	963.0
-42.5°	875.9	873.8	875.8	872.2	861.0	868.2	869.1	860.0	869.2	873.1	870.8
-45°	787.2	793.6	792.2	785.9	784.9	791.3	790.6	788.1	795.5	798.7	799.7
-47.5°	719.5	722.8	721.1	712.1	719.5	725.7	725.9	729.0	735.3	737.8	739.8
-50°	657.2	659.9	657.8	655.6	663.8	668.8	670.1	677.4	683.5	686.8	690.0
-52.5°	599.9	603.2	600.9	604.9	613.4	618.1	620.5	629.5	636.3	640.6	645.1
-55°	548.3	551.2	550.2	559.6	567.4	572.7	578.2	586.5	593.1	597.9	602.8
-57.5°	498.0	501.6	504.8	515.0	523.3	529.7	537.1	545.0	551.6	557.1	562.4
-60°	449.2	452.9	459.4	469.5	478.2	485.3	493.7	501.7	508.6	514.3	519.5
-62.5°	402.1	406.4	414.9	424.2	431.9	438.4	447.9	456.2	463.2	469.1	474.0
-65°	355.9	360.1	370.4	379.7	387.9	394.6	402.8	410.1	416.7	422.4	427.3
-67.5°	311.1	315.9	325.4	334.0	341.6	348.8	356.4	363.1	369.0	374.2	378.8
-70°	269.2	273.8	281.4	288.8	295.7	302.3	308.7	314.5	319.7	324.6	329.1
-72.5°	228.6	233.4	239.4	244.9	250.1	255.6	260.9	265.6	269.7	273.5	277.0
-75°	187.5	192.1	196.9	201.2	205.1	209.1	213.1	216.8	220.1	222.8	224.9
-77.5°	146.7	150.8	154.8	158.2	161.1	163.9	166.2	168.1	169.5	171.6	173.6
-80°	108.5	112.2	115.5	118.4	120.7	122.4	123.7	124.8	125.6	126.5	127.1
-82.5°	74.7	77.2	79.7	82.1	84.3	85.5	86.4	86.9	87.3	87.9	88.5
-85°	45.9	46.7	47.6	48.4	49.2	50.0	50.7	51.2	51.7	51.6	51.5
-87.5°	21.5	21.1	20.7	20.2	19.6	19.6	19.5	19.5	19.3	19.2	19.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558918 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-930-U-NAT-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°	18.7	18.4	19.2	20.0	19.2	18.4	18.7	19.0	19.2	19.3	19.5
85°	51.1	50.7	51.6	52.4	51.6	50.7	51.1	51.5	51.6	51.7	51.2
82.5°	88.8	89.0	89.3	89.4	89.3	89.0	88.8	88.5	87.9	87.3	86.9
80°	127.4	127.4	127.1	126.4	127.1	127.4	127.4	127.1	126.5	125.6	124.8
77.5°	175.2	176.3	177.1	177.3	177.1	176.3	175.2	173.6	171.6	169.5	168.1
75°	226.3	227.1	227.1	226.6	227.1	227.1	226.3	224.9	222.8	220.1	216.8
72.5°	279.9	282.1	282.6	282.1	282.6	282.1	279.9	277.0	273.5	269.7	265.6
70°	332.9	335.8	335.7	334.5	335.7	335.8	332.9	329.1	324.6	319.7	314.5
67.5°	382.4	385.1	387.2	388.5	387.2	385.1	382.4	378.8	374.2	369.0	363.1
65°	431.3	434.2	435.8	436.3	435.8	434.2	431.3	427.3	422.4	416.7	410.1
62.5°	477.7	480.4	482.0	482.5	482.0	480.4	477.7	474.0	469.1	463.2	456.2
60°	523.6	526.5	526.9	525.7	526.9	526.5	523.6	519.5	514.3	508.6	501.7
57.5°	566.5	569.5	569.4	567.3	569.4	569.5	566.5	562.4	557.1	551.6	545.0
55°	606.3	608.5	609.3	608.9	609.3	608.5	606.3	602.8	597.9	593.1	586.5
52.5°	648.4	650.1	650.8	650.5	650.8	650.1	648.4	645.1	640.6	636.3	629.5
50°	692.2	692.5	692.4	692.2	692.4	692.5	692.2	690.0	686.8	683.5	677.4
47.5°	742.5	743.0	743.1	743.0	743.1	743.0	742.5	739.8	737.8	735.3	729.0
45°	801.8	800.1	798.4	798.5	798.4	800.1	801.8	799.7	798.7	795.5	788.1
42.5°	873.0	871.1	868.9	869.5	868.9	871.1	873.0	870.8	873.1	869.2	860.0
40°	966.7	966.3	963.1	961.9	963.1	966.3	966.7	963.0	967.3	961.7	960.3
37.5°	1087.8	1086.1	1079.0	1076.0	1079.0	1086.1	1087.8	1087.2	1091.3	1081.8	1090.3
35°	1247.1	1244.7	1233.9	1234.8	1233.9	1244.7	1247.1	1251.4	1252.9	1238.5	1256.8
32.5°	1472.9	1473.7	1457.4	1453.7	1457.4	1473.7	1472.9	1477.8	1467.9	1464.3	1474.5
30°	1766.5	1773.0	1753.8	1762.0	1753.8	1773.0	1766.5	1782.0	1757.1	1770.2	1761.9
27.5°	2187.3	2199.6	2182.7	2169.0	2182.7	2199.6	2187.3	2188.0	2151.2	2176.9	2133.3
25°	2766.5	2775.7	2756.3	2739.4	2756.3	2775.7	2766.5	2732.8	2707.1	2702.8	2668.2
22.5°	3520.5	3519.9	3518.9	3545.6	3518.9	3519.9	3520.5	3449.7	3437.0	3363.8	3382.2
20°	4438.0	4415.7	4449.0	4470.6	4449.0	4415.7	4438.0	4400.1	4341.4	4272.1	4229.3
17.5°	5489.1	5530.7	5562.7	5616.0	5562.7	5530.7	5489.1	5475.1	5415.0	5354.4	5248.4
15°	6728.4	6791.3	6823.2	6806.1	6823.2	6791.3	6728.4	6683.2	6665.2	6563.2	6509.9
12.5°	8289.1	8364.2	8308.8	8239.8	8308.8	8364.2	8289.1	8284.2	8144.6	8175.2	8005.6
10°	10490.4	10652.0	10661.0	10525.9	10661.0	10652.0	10490.4	10489.3	10556.2	10441.7	10439.0
7.5°	13867.7	13946.2	14065.5	14071.6	14065.5	13946.2	13867.7	13813.9	13721.4	13579.1	13281.8
5°	17331.3	17540.5	17675.4	17908.6	17675.4	17540.5	17331.3	17183.1	16856.1	16489.4	16175.6
2.5°	19693.5	19963.9	20067.7	20332.0	20067.7	19963.9	19693.5	19401.4	18949.2	18413.6	17834.8
0°	20553.9	20772.9	20903.9	21008.7	20903.9	20772.9	20553.9	20211.7	19827.9	19259.0	18628.5
-2.5°	19693.5	19963.9	20067.7	20332.0	20067.7	19963.9	19693.5	19401.4	18949.2	18413.6	17834.8
-5°	17331.3	17540.5	17675.4	17908.6	17675.4	17540.5	17331.3	17183.1	16856.1	16489.4	16175.6
-7.5°	13867.7	13946.2	14065.5	14071.6	14065.5	13946.2	13867.7	13813.9	13721.4	13579.1	13281.8
-10°	10490.4	10652.0	10661.0	10525.9	10661.0	10652.0	10490.4	10489.3	10556.2	10441.7	10439.0
-12.5°	8289.1	8364.2	8308.8	8239.8	8308.8	8364.2	8289.1	8284.2	8144.6	8175.2	8005.6
-15°	6728.4	6791.3	6823.2	6806.1	6823.2	6791.3	6728.4	6683.2	6665.2	6563.2	6509.9
-17.5°	5489.1	5530.7	5562.7	5616.0	5562.7	5530.7	5489.1	5475.1	5415.0	5354.4	5248.4
-20°	4438.0	4415.7	4449.0	4470.6	4449.0	4415.7	4438.0	4400.1	4341.4	4272.1	4229.3



REPORT NUMBER: P558918 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3520.5	3519.9	3518.9	3545.6	3518.9	3519.9	3520.5	3449.7	3437.0	3363.8	3382.2
-25°	2766.5	2775.7	2756.3	2739.4	2756.3	2775.7	2766.5	2732.8	2707.1	2702.8	2668.2
-27.5°	2187.3	2199.6	2182.7	2169.0	2182.7	2199.6	2187.3	2188.0	2151.2	2176.9	2133.3
-30°	1766.5	1773.0	1753.8	1762.0	1753.8	1773.0	1766.5	1782.0	1757.1	1770.2	1761.9
-32.5°	1472.9	1473.7	1457.4	1453.7	1457.4	1473.7	1472.9	1477.8	1467.9	1464.3	1474.5
-35°	1247.1	1244.7	1233.9	1234.8	1233.9	1244.7	1247.1	1251.4	1252.9	1238.5	1256.8
-37.5°	1087.8	1086.1	1079.0	1076.0	1079.0	1086.1	1087.8	1087.2	1091.3	1081.8	1090.3
-40°	966.7	966.3	963.1	961.9	963.1	966.3	966.7	963.0	967.3	961.7	960.3
-42.5°	873.0	871.1	868.9	869.5	868.9	871.1	873.0	870.8	873.1	869.2	860.0
-45°	801.8	800.1	798.4	798.5	798.4	800.1	801.8	799.7	798.7	795.5	788.1
-47.5°	742.5	743.0	743.1	743.0	743.1	743.0	742.5	739.8	737.8	735.3	729.0
-50°	692.2	692.5	692.4	692.2	692.4	692.5	692.2	690.0	686.8	683.5	677.4
-52.5°	648.4	650.1	650.8	650.5	650.8	650.1	648.4	645.1	640.6	636.3	629.5
-55°	606.3	608.5	609.3	608.9	609.3	608.5	606.3	602.8	597.9	593.1	586.5
-57.5°	566.5	569.5	569.4	567.3	569.4	569.5	566.5	562.4	557.1	551.6	545.0
-60°	523.6	526.5	526.9	525.7	526.9	526.5	523.6	519.5	514.3	508.6	501.7
-62.5°	477.7	480.4	482.0	482.5	482.0	480.4	477.7	474.0	469.1	463.2	456.2
-65°	431.3	434.2	435.8	436.3	435.8	434.2	431.3	427.3	422.4	416.7	410.1
-67.5°	382.4	385.1	387.2	388.5	387.2	385.1	382.4	378.8	374.2	369.0	363.1
-70°	332.9	335.8	335.7	334.5	335.7	335.8	332.9	329.1	324.6	319.7	314.5
-72.5°	279.9	282.1	282.6	282.1	282.6	282.1	279.9	277.0	273.5	269.7	265.6
-75°	226.3	227.1	227.1	226.6	227.1	227.1	226.3	224.9	222.8	220.1	216.8
-77.5°	175.2	176.3	177.1	177.3	177.1	176.3	175.2	173.6	171.6	169.5	168.1
-80°	127.4	127.4	127.1	126.4	127.1	127.4	127.4	127.1	126.5	125.6	124.8
-82.5°	88.8	89.0	89.3	89.4	89.3	89.0	88.8	88.5	87.9	87.3	86.9
-85°	51.1	50.7	51.6	52.4	51.6	50.7	51.1	51.5	51.6	51.7	51.2
-87.5°	18.7	18.4	19.2	20.0	19.2	18.4	18.7	19.0	19.2	19.3	19.5
-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):

	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°	19.5	19.6	19.6	20.2	20.7	21.1	21.5	20.8	20.1	19.3	18.5
85°	50.7	50.0	49.2	48.4	47.6	46.7	45.9	45.2	44.2	43.0	41.5
82.5°	86.4	85.5	84.3	82.1	79.7	77.2	74.7	73.4	71.9	70.1	68.2
80°	123.7	122.4	120.7	118.4	115.5	112.2	108.5	105.7	102.5	99.4	97.0
77.5°	166.2	163.9	161.1	158.2	154.8	150.8	146.7	143.1	139.2	134.7	130.8
75°	213.1	209.1	205.1	201.2	196.9	192.1	187.5	183.3	178.2	172.3	167.6
72.5°	260.9	255.6	250.1	244.9	239.4	233.4	228.6	224.3	218.7	211.8	207.1
70°	308.7	302.3	295.7	288.8	281.4	273.8	269.2	265.3	260.1	253.0	248.8
67.5°	356.4	348.8	341.6	334.0	325.4	315.9	311.1	306.0	300.1	293.0	291.1
65°	402.8	394.6	387.9	379.7	370.4	360.1	355.9	350.2	342.9	335.2	334.0
62.5°	447.9	438.4	431.9	424.2	414.9	406.4	402.1	395.8	387.4	381.7	380.9
60°	493.7	485.3	478.2	469.5	459.4	452.9	449.2	442.6	433.1	430.7	429.7
57.5°	537.1	529.7	523.3	515.0	504.8	501.6	498.0	491.0	481.2	482.6	480.3
55°	578.2	572.7	567.4	559.6	550.2	551.2	548.3	541.5	535.7	537.5	534.8
52.5°	620.5	618.1	613.4	604.9	600.9	603.2	599.9	593.3	594.4	596.4	592.0
50°	670.1	668.8	663.8	655.6	657.8	659.9	657.2	648.9	656.9	658.6	652.8
47.5°	725.9	725.7	719.5	712.1	721.1	722.8	719.5	720.1	726.9	725.0	717.8
45°	790.6	791.3	784.9	785.9	792.2	793.6	787.2	799.1	803.3	799.4	786.5
42.5°	869.1	868.2	861.0	872.2	875.8	873.8	875.9	888.3	888.5	879.5	880.2
40°	967.7	962.1	963.6	974.1	975.7	964.7	984.6	989.3	985.0	968.4	991.8
37.5°	1092.9	1082.3	1095.7	1098.7	1093.8	1099.7	1113.9	1110.9	1092.3	1108.7	1123.2
35°	1251.3	1247.6	1260.4	1256.3	1236.9	1268.8	1273.1	1253.1	1246.3	1276.2	1274.5
32.5°	1449.2	1470.2	1467.9	1449.8	1461.7	1468.7	1459.2	1425.5	1468.6	1480.0	1453.6
30°	1744.3	1754.7	1732.1	1720.8	1741.9	1718.3	1670.0	1719.1	1737.9	1714.6	1656.1
27.5°	2146.5	2116.7	2075.7	2101.9	2077.4	2021.0	2038.2	2063.1	2041.4	1985.2	1918.9
25°	2658.3	2574.3	2595.1	2577.1	2496.0	2480.9	2506.1	2477.9	2399.5	2315.2	2407.9
22.5°	3301.4	3270.4	3236.2	3134.3	3109.7	3116.7	3055.9	2942.5	2873.5	2961.9	2964.7
20°	4165.6	4111.8	3994.6	3951.1	3928.9	3823.6	3670.6	3655.0	3727.5	3690.3	3578.4
17.5°	5202.4	5061.3	5037.0	4968.6	4838.8	4632.2	4710.6	4737.6	4668.6	4475.8	4240.9
15°	6320.4	6401.6	6331.0	6121.9	5998.1	6091.4	6045.8	5894.9	5685.7	5332.8	4933.1
12.5°	8155.1	8036.0	7738.7	7847.9	7817.2	7703.9	7472.9	7141.0	6706.6	6135.0	5559.1
10°	10284.4	10198.4	10111.9	9968.3	9731.9	9395.9	8834.6	8211.1	7562.1	6888.0	6188.4
7.5°	13059.1	12826.9	12531.2	12003.7	11344.1	10664.2	9952.6	9208.6	8416.1	7629.5	6812.1
5°	15583.5	14900.8	14204.3	13480.3	12680.9	11867.4	11046.3	10189.0	9255.1	8349.4	7416.7
2.5°	17174.9	16464.3	15696.8	14860.2	13831.3	12792.3	11753.7	10715.4	9603.7	8556.5	7510.0
0°	17882.4	17054.5	16106.5	15164.6	14137.9	13054.1	11891.8	10826.5	9688.9	8623.6	7563.0
-2.5°	17174.9	16464.3	15696.8	14860.2	13831.3	12792.3	11753.7	10715.4	9603.7	8556.5	7510.0
-5°	15583.5	14900.8	14204.3	13480.3	12680.9	11867.4	11046.3	10189.0	9255.1	8349.4	7416.7
-7.5°	13059.1	12826.9	12531.2	12003.7	11344.1	10664.2	9952.6	9208.6	8416.1	7629.5	6812.1
-10°	10284.4	10198.4	10111.9	9968.3	9731.9	9395.9	8834.6	8211.1	7562.1	6888.0	6188.4
-12.5°	8155.1	8036.0	7738.7	7847.9	7817.2	7703.9	7472.9	7141.0	6706.6	6135.0	5559.1
-15°	6320.4	6401.6	6331.0	6121.9	5998.1	6091.4	6045.8	5894.9	5685.7	5332.8	4933.1
-17.5°	5202.4	5061.3	5037.0	4968.6	4838.8	4632.2	4710.6	4737.6	4668.6	4475.8	4240.9
-20°	4165.6	4111.8	3994.6	3951.1	3928.9	3823.6	3670.6	3655.0	3727.5	3690.3	3578.4



REPORT NUMBER: P558918 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3301.4	3270.4	3236.2	3134.3	3109.7	3116.7	3055.9	2942.5	2873.5	2961.9	2964.7
-25°	2658.3	2574.3	2595.1	2577.1	2496.0	2480.9	2506.1	2477.9	2399.5	2315.2	2407.9
-27.5°	2146.5	2116.7	2075.7	2101.9	2077.4	2021.0	2038.2	2063.1	2041.4	1985.2	1918.9
-30°	1744.3	1754.7	1732.1	1720.8	1741.9	1718.3	1670.0	1719.1	1737.9	1714.6	1656.1
-32.5°	1449.2	1470.2	1467.9	1449.8	1461.7	1468.7	1459.2	1425.5	1468.6	1480.0	1453.6
-35°	1251.3	1247.6	1260.4	1256.3	1236.9	1268.8	1273.1	1253.1	1246.3	1276.2	1274.5
-37.5°	1092.9	1082.3	1095.7	1098.7	1093.8	1099.7	1113.9	1110.9	1092.3	1108.7	1123.2
-40°	967.7	962.1	963.6	974.1	975.7	964.7	984.6	989.3	985.0	968.4	991.8
-42.5°	869.1	868.2	861.0	872.2	875.8	873.8	875.9	888.3	888.5	879.5	880.2
-45°	790.6	791.3	784.9	785.9	792.2	793.6	787.2	799.1	803.3	799.4	786.5
-47.5°	725.9	725.7	719.5	712.1	721.1	722.8	719.5	720.1	726.9	725.0	717.8
-50°	670.1	668.8	663.8	655.6	657.8	659.9	657.2	648.9	656.9	658.6	652.8
-52.5°	620.5	618.1	613.4	604.9	600.9	603.2	599.9	593.3	594.4	596.4	592.0
-55°	578.2	572.7	567.4	559.6	550.2	551.2	548.3	541.5	535.7	537.5	534.8
-57.5°	537.1	529.7	523.3	515.0	504.8	501.6	498.0	491.0	481.2	482.6	480.3
-60°	493.7	485.3	478.2	469.5	459.4	452.9	449.2	442.6	433.1	430.7	429.7
-62.5°	447.9	438.4	431.9	424.2	414.9	406.4	402.1	395.8	387.4	381.7	380.9
-65°	402.8	394.6	387.9	379.7	370.4	360.1	355.9	350.2	342.9	335.2	334.0
-67.5°	356.4	348.8	341.6	334.0	325.4	315.9	311.1	306.0	300.1	293.0	291.1
-70°	308.7	302.3	295.7	288.8	281.4	273.8	269.2	265.3	260.1	253.0	248.8
-72.5°	260.9	255.6	250.1	244.9	239.4	233.4	228.6	224.3	218.7	211.8	207.1
-75°	213.1	209.1	205.1	201.2	196.9	192.1	187.5	183.3	178.2	172.3	167.6
-77.5°	166.2	163.9	161.1	158.2	154.8	150.8	146.7	143.1	139.2	134.7	130.8
-80°	123.7	122.4	120.7	118.4	115.5	112.2	108.5	105.7	102.5	99.4	97.0
-82.5°	86.4	85.5	84.3	82.1	79.7	77.2	74.7	73.4	71.9	70.1	68.2
-85°	50.7	50.0	49.2	48.4	47.6	46.7	45.9	45.2	44.2	43.0	41.5
-87.5°	19.5	19.6	19.6	20.2	20.7	21.1	21.5	20.8	20.1	19.3	18.5
-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: P558918 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	18.0	17.3	16.6	15.9	15.1	14.2	13.3	12.4	11.5	10.6	9.5
85°	40.1	38.4	36.4	34.0	31.5	28.5	26.7	24.8	23.0	21.1	19.0
82.5°	66.4	64.2	61.8	58.9	56.5	53.2	49.1	44.1	38.5	32.3	28.5
80°	96.2	94.2	91.1	87.0	82.8	78.0	73.3	67.5	60.4	52.5	43.8
77.5°	129.2	126.4	122.5	118.2	112.8	106.5	99.4	91.4	82.3	72.7	62.1
75°	165.0	161.7	157.3	151.3	143.8	135.1	126.5	116.9	105.9	93.0	80.3
72.5°	204.1	199.5	193.3	185.3	176.5	166.3	154.6	142.5	130.3	115.8	99.1
70°	244.7	238.7	231.4	222.9	211.5	197.6	184.3	170.6	154.7	138.5	120.0
67.5°	286.6	279.8	271.0	261.4	249.4	234.0	215.0	199.6	182.6	161.4	140.7
65°	330.2	322.6	311.7	302.1	288.7	271.5	251.2	230.7	210.6	187.8	161.5
62.5°	376.1	367.6	357.2	344.8	329.3	310.6	288.1	266.2	239.9	214.2	184.7
60°	424.6	415.4	404.7	391.4	372.7	350.4	327.4	301.9	273.2	240.8	209.0
57.5°	474.7	464.6	455.8	440.3	419.4	393.3	368.4	340.5	306.6	270.6	233.2
55°	526.7	517.3	509.2	492.7	468.3	438.9	413.0	381.3	341.3	301.1	257.3
52.5°	582.3	575.7	566.0	547.5	520.7	489.3	463.6	423.1	380.5	331.5	284.4
50°	640.8	640.7	628.0	605.6	575.0	549.1	516.7	472.9	420.4	363.7	312.0
47.5°	713.0	712.0	697.0	668.1	633.0	613.3	576.8	525.3	460.9	400.4	339.6
45°	795.1	789.6	771.3	738.8	707.4	686.3	641.8	579.5	510.4	438.0	367.4
42.5°	886.2	876.4	850.9	813.1	800.4	767.0	710.2	641.3	561.0	475.5	398.1
40°	992.9	972.0	936.9	917.8	904.5	854.5	789.2	706.3	612.7	515.7	430.6
37.5°	1110.9	1080.3	1033.4	1047.9	1020.4	958.5	873.7	773.4	666.8	561.2	462.8
35°	1248.9	1201.1	1202.1	1200.1	1153.2	1069.8	962.6	846.1	726.6	606.6	494.5
32.5°	1399.8	1387.4	1408.7	1374.2	1298.4	1187.9	1062.1	926.1	787.3	651.6	525.6
30°	1614.1	1665.4	1642.8	1565.7	1458.8	1323.3	1168.9	1008.0	848.5	696.1	557.6
27.5°	1983.7	1982.0	1906.3	1787.1	1638.7	1467.0	1277.0	1091.3	910.0	742.7	593.9
25°	2400.9	2341.1	2211.2	2030.6	1829.6	1610.8	1386.7	1175.8	976.8	792.9	629.1
22.5°	2877.3	2732.4	2541.6	2290.0	2018.4	1758.7	1503.7	1268.3	1046.0	842.2	663.1
20°	3392.6	3149.7	2887.4	2544.3	2222.1	1919.7	1627.5	1359.9	1114.1	890.2	695.7
17.5°	3944.3	3580.3	3216.8	2819.8	2435.9	2082.1	1751.0	1450.1	1180.8	936.6	726.6
15°	4478.9	4010.8	3555.8	3097.1	2650.6	2244.2	1873.1	1537.9	1245.4	981.0	751.0
12.5°	5005.9	4447.3	3899.5	3373.1	2863.6	2404.0	1992.3	1622.7	1307.2	1012.9	766.9
10°	5531.9	4883.6	4243.0	3644.4	3072.2	2559.7	2107.3	1688.8	1336.4	1033.2	780.0
7.5°	6049.9	5313.2	4580.6	3907.1	3251.9	2661.4	2156.4	1718.8	1355.6	1049.7	790.4
5°	6472.6	5593.6	4734.3	3985.0	3302.4	2701.8	2186.7	1742.0	1368.9	1062.1	798.0
2.5°	6529.7	5639.6	4757.1	4015.8	3336.1	2729.4	2206.9	1758.1	1376.4	1070.4	802.8
0°	6551.7	5654.5	4754.2	4025.1	3352.9	2744.0	2216.8	1766.7	1378.2	1074.5	804.7
-2.5°	6529.7	5639.6	4757.1	4015.8	3336.1	2729.4	2206.9	1758.1	1376.4	1070.4	802.8
-5°	6472.6	5593.6	4734.3	3985.0	3302.4	2701.8	2186.7	1742.0	1368.9	1062.1	798.0
-7.5°	6049.9	5313.2	4580.6	3907.1	3251.9	2661.4	2156.4	1718.8	1355.6	1049.7	790.4
-10°	5531.9	4883.6	4243.0	3644.4	3072.2	2559.7	2107.3	1688.8	1336.4	1033.2	780.0
-12.5°	5005.9	4447.3	3899.5	3373.1	2863.6	2404.0	1992.3	1622.7	1307.2	1012.9	766.9
-15°	4478.9	4010.8	3555.8	3097.1	2650.6	2244.2	1873.1	1537.9	1245.4	981.0	751.0
-17.5°	3944.3	3580.3	3216.8	2819.8	2435.9	2082.1	1751.0	1450.1	1180.8	936.6	726.6
-20°	3392.6	3149.7	2887.4	2544.3	2222.1	1919.7	1627.5	1359.9	1114.1	890.2	695.7



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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°	2877.3	2732.4	2541.6	2290.0	2018.4	1758.7	1503.7	1268.3	1046.0	842.2	663.1
-25°	2400.9	2341.1	2211.2	2030.6	1829.6	1610.8	1386.7	1175.8	976.8	792.9	629.1
-27.5°	1983.7	1982.0	1906.3	1787.1	1638.7	1467.0	1277.0	1091.3	910.0	742.7	593.9
-30°	1614.1	1665.4	1642.8	1565.7	1458.8	1323.3	1168.9	1008.0	848.5	696.1	557.6
-32.5°	1399.8	1387.4	1408.7	1374.2	1298.4	1187.9	1062.1	926.1	787.3	651.6	525.6
-35°	1248.9	1201.1	1202.1	1200.1	1153.2	1069.8	962.6	846.1	726.6	606.6	494.5
-37.5°	1110.9	1080.3	1033.4	1047.9	1020.4	958.5	873.7	773.4	666.8	561.2	462.8
-40°	992.9	972.0	936.9	917.8	904.5	854.5	789.2	706.3	612.7	515.7	430.6
-42.5°	886.2	876.4	850.9	813.1	800.4	767.0	710.2	641.3	561.0	475.5	398.1
-45°	795.1	789.6	771.3	738.8	707.4	686.3	641.8	579.5	510.4	438.0	367.4
-47.5°	713.0	712.0	697.0	668.1	633.0	613.3	576.8	525.3	460.9	400.4	339.6
-50°	640.8	640.7	628.0	605.6	575.0	549.1	516.7	472.9	420.4	363.7	312.0
-52.5°	582.3	575.7	566.0	547.5	520.7	489.3	463.6	423.1	380.5	331.5	284.4
-55°	526.7	517.3	509.2	492.7	468.3	438.9	413.0	381.3	341.3	301.1	257.3
-57.5°	474.7	464.6	455.8	440.3	419.4	393.3	368.4	340.5	306.6	270.6	233.2
-60°	424.6	415.4	404.7	391.4	372.7	350.4	327.4	301.9	273.2	240.8	209.0
-62.5°	376.1	367.6	357.2	344.8	329.3	310.6	288.1	266.2	239.9	214.2	184.7
-65°	330.2	322.6	311.7	302.1	288.7	271.5	251.2	230.7	210.6	187.8	161.5
-67.5°	286.6	279.8	271.0	261.4	249.4	234.0	215.0	199.6	182.6	161.4	140.7
-70°	244.7	238.7	231.4	222.9	211.5	197.6	184.3	170.6	154.7	138.5	120.0
-72.5°	204.1	199.5	193.3	185.3	176.5	166.3	154.6	142.5	130.3	115.8	99.1
-75°	165.0	161.7	157.3	151.3	143.8	135.1	126.5	116.9	105.9	93.0	80.3
-77.5°	129.2	126.4	122.5	118.2	112.8	106.5	99.4	91.4	82.3	72.7	62.1
-80°	96.2	94.2	91.1	87.0	82.8	78.0	73.3	67.5	60.4	52.5	43.8
-82.5°	66.4	64.2	61.8	58.9	56.5	53.2	49.1	44.1	38.5	32.3	28.5
-85°	40.1	38.4	36.4	34.0	31.5	28.5	26.7	24.8	23.0	21.1	19.0
-87.5°	18.0	17.3	16.6	15.9	15.1	14.2	13.3	12.4	11.5	10.6	9.5
-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°	8.4	7.4	6.3	5.0	3.5	1.7	0.0
85°	16.8	14.9	12.6	10.0	7.0	3.5	0.0
82.5°	25.2	22.3	18.9	14.9	10.5	5.2	0.0
80°	34.5	29.7	25.1	19.9	13.9	7.0	0.0
77.5°	50.7	39.4	31.4	24.8	17.3	8.7	0.0
75°	66.9	53.4	38.6	29.7	20.7	10.4	0.0
72.5°	83.0	67.3	50.1	34.6	24.1	12.1	0.0
70°	99.4	81.1	61.4	40.2	27.4	13.7	0.0
67.5°	118.2	94.8	72.7	48.9	30.7	15.3	0.0
65°	136.8	109.7	83.9	57.4	33.9	16.9	0.0
62.5°	155.4	125.7	94.9	65.9	37.0	18.5	0.0
60°	173.9	141.6	105.8	74.2	40.1	20.0	0.0
57.5°	194.8	157.3	118.5	82.4	45.5	21.5	0.0
55°	215.9	172.8	131.3	90.4	50.8	23.0	0.0
52.5°	236.6	188.5	143.7	98.2	56.0	24.4	0.0
50°	257.0	205.7	156.0	105.8	61.0	25.8	0.0
47.5°	277.7	222.6	168.0	113.7	65.9	27.1	0.0
45°	301.7	239.0	179.7	122.5	70.6	28.4	0.0
42.5°	325.5	255.1	191.1	131.0	75.1	29.6	0.0
40°	349.0	270.7	202.8	139.0	79.5	30.7	0.0
37.5°	372.2	285.8	214.8	146.4	83.6	31.8	0.0
35°	395.1	303.0	226.3	153.4	87.5	32.8	0.0
32.5°	418.6	320.9	237.3	159.8	91.3	33.8	0.0
30°	443.6	338.3	247.9	165.8	94.8	34.7	0.0
27.5°	467.9	355.1	256.6	171.3	98.1	35.6	0.0
25°	491.2	371.2	264.7	176.3	101.1	36.3	0.0
22.5°	513.4	385.5	272.1	180.9	103.9	37.0	0.0
20°	534.6	396.4	279.0	184.9	106.5	37.7	0.0
17.5°	550.5	406.0	285.2	188.4	108.8	38.2	0.0
15°	562.4	414.3	290.7	191.4	110.8	38.7	0.0
12.5°	572.6	421.2	295.5	193.9	112.6	39.1	0.0
10°	581.0	426.8	299.6	195.8	114.1	39.5	0.0
7.5°	587.6	431.1	303.0	197.3	115.3	39.8	0.0
5°	592.5	434.1	305.6	198.3	116.2	39.9	0.0
2.5°	595.5	435.8	307.3	198.9	116.8	40.1	0.0
0°	596.6	436.3	308.3	198.9	117.2	40.1	0.0
-2.5°	595.5	435.8	307.3	198.9	116.8	40.1	0.0
-5°	592.5	434.1	305.6	198.3	116.2	39.9	0.0
-7.5°	587.6	431.1	303.0	197.3	115.3	39.8	0.0
-10°	581.0	426.8	299.6	195.8	114.1	39.5	0.0
-12.5°	572.6	421.2	295.5	193.9	112.6	39.1	0.0
-15°	562.4	414.3	290.7	191.4	110.8	38.7	0.0
-17.5°	550.5	406.0	285.2	188.4	108.8	38.2	0.0
-20°	534.6	396.4	279.0	184.9	106.5	37.7	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	513.4	385.5	272.1	180.9	103.9	37.0	0.0
-25°	491.2	371.2	264.7	176.3	101.1	36.3	0.0
-27.5°	467.9	355.1	256.6	171.3	98.1	35.6	0.0
-30°	443.6	338.3	247.9	165.8	94.8	34.7	0.0
-32.5°	418.6	320.9	237.3	159.8	91.3	33.8	0.0
-35°	395.1	303.0	226.3	153.4	87.5	32.8	0.0
-37.5°	372.2	285.8	214.8	146.4	83.6	31.8	0.0
-40°	349.0	270.7	202.8	139.0	79.5	30.7	0.0
-42.5°	325.5	255.1	191.1	131.0	75.1	29.6	0.0
-45°	301.7	239.0	179.7	122.5	70.6	28.4	0.0
-47.5°	277.7	222.6	168.0	113.7	65.9	27.1	0.0
-50°	257.0	205.7	156.0	105.8	61.0	25.8	0.0
-52.5°	236.6	188.5	143.7	98.2	56.0	24.4	0.0
-55°	215.9	172.8	131.3	90.4	50.8	23.0	0.0
-57.5°	194.8	157.3	118.5	82.4	45.5	21.5	0.0
-60°	173.9	141.6	105.8	74.2	40.1	20.0	0.0
-62.5°	155.4	125.7	94.9	65.9	37.0	18.5	0.0
-65°	136.8	109.7	83.9	57.4	33.9	16.9	0.0
-67.5°	118.2	94.8	72.7	48.9	30.7	15.3	0.0
-70°	99.4	81.1	61.4	40.2	27.4	13.7	0.0
-72.5°	83.0	67.3	50.1	34.6	24.1	12.1	0.0
-75°	66.9	53.4	38.6	29.7	20.7	10.4	0.0
-77.5°	50.7	39.4	31.4	24.8	17.3	8.7	0.0
-80°	34.5	29.7	25.1	19.9	13.9	7.0	0.0
-82.5°	25.2	22.3	18.9	14.9	10.5	5.2	0.0
-85°	16.8	14.9	12.6	10.0	7.0	3.5	0.0
-87.5°	8.4	7.4	6.3	5.0	3.5	1.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)