

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: P559238 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-930-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559238 (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-SA6E-930-U-NAT-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (96) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

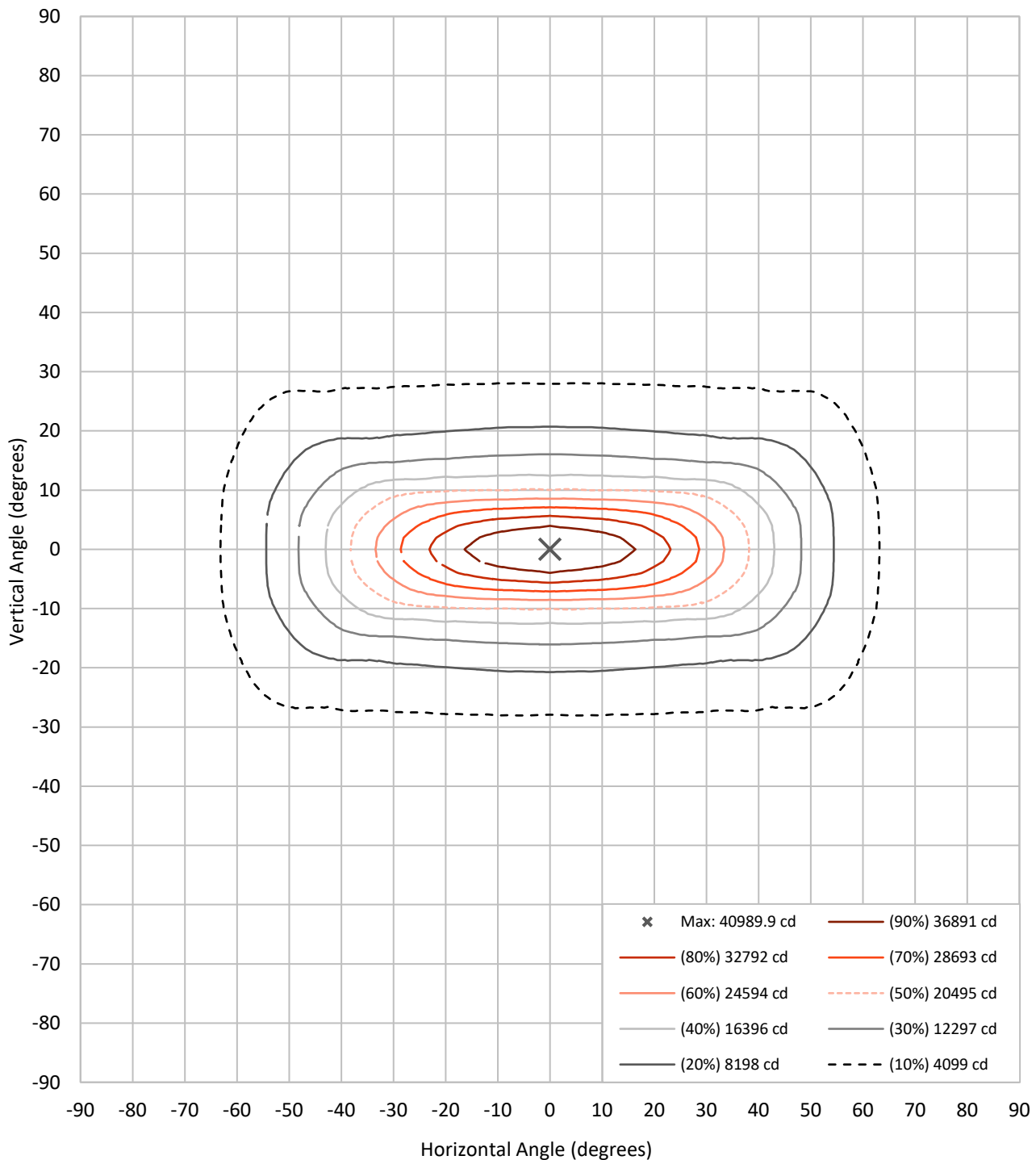
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	29356.2 lumens	Max Intensity:	40989.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	79.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	11745.3 lumens	Field Lumens:	24060.5 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 368
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





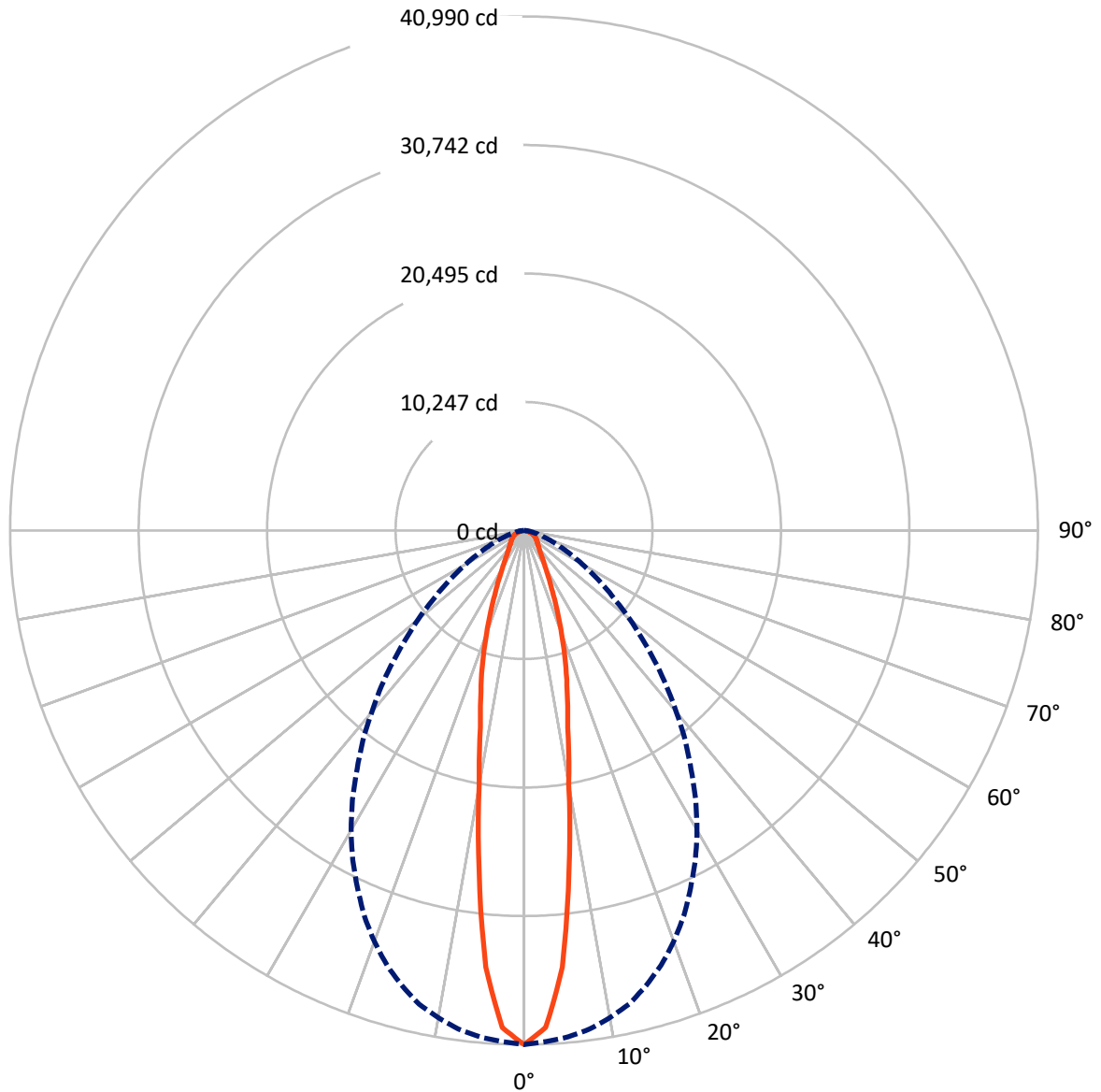
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Lumen Table

90																			
80	1.5	10.2		20.6		29.8		33.6		29.8		20.6		10.2		1.5			
70																			
60	6.3	5.9	10.3	14.1	17.4	20.8	23.8	25.5	25.5	23.8	20.8	17.4	14.1	10.3	5.9	6.3			
50		9.6	16.7	22.4	26.7	30.5	34.0	36.0	36.0	34.0	30.5	26.7	22.4	16.7	9.6				
40	12.6	14.7	25.5	33.7	39.1	42.9	46.1	47.9	47.9	46.1	42.9	39.1	33.7	25.5	14.7	12.6			
30		21.6	40.7	53.9	62.8	69.4	74.1	76.3	76.3	74.1	69.4	62.8	53.9	40.7	21.6				
20	19.4	30.4	69.4	103.4	125.0	145.0	161.5	170.9	170.9	161.5	145.0	125.0	103.4	69.4	30.4	19.4			
10		40.1	107.0	205.9	296.1	352.8	392.9	415.6	415.6	392.9	352.8	296.1	205.9	107.0	40.1				
0	22.2	46.0	137.4	303.3	524.7	744.3	905.9	990.8	990.8	905.9	744.3	524.7	303.3	137.4	46.0	22.2			
-10		46.0	137.4	303.3	524.7	744.3	905.9	990.8	990.8	905.9	744.3	524.7	303.3	137.4	46.0				
-20	19.4	40.1	107.0	205.9	296.1	352.8	392.9	415.6	415.6	392.9	352.8	296.1	205.9	107.0	40.1	19.4			
-30		30.4	69.4	103.4	125.0	145.0	161.5	170.9	170.9	161.5	145.0	125.0	103.4	69.4	30.4				
-40	12.6	21.6	40.7	53.9	62.8	69.4	74.1	76.3	76.3	74.1	69.4	62.8	53.9	40.7	21.6	12.6			
-50		14.7	25.5	33.7	39.1	42.9	46.1	47.9	47.9	46.1	42.9	39.1	33.7	25.5	14.7				
-60	6.3	9.6	16.7	22.4	26.7	30.5	34.0	36.0	36.0	34.0	30.5	26.7	22.4	16.7	9.6	6.3			
-70		5.9	10.3	14.1	17.4	20.8	23.8	25.5	25.5	23.8	20.8	17.4	14.1	10.3	5.9				
-80	1.5	10.2		20.6		29.8		33.6		29.8		20.6		10.2		1.5			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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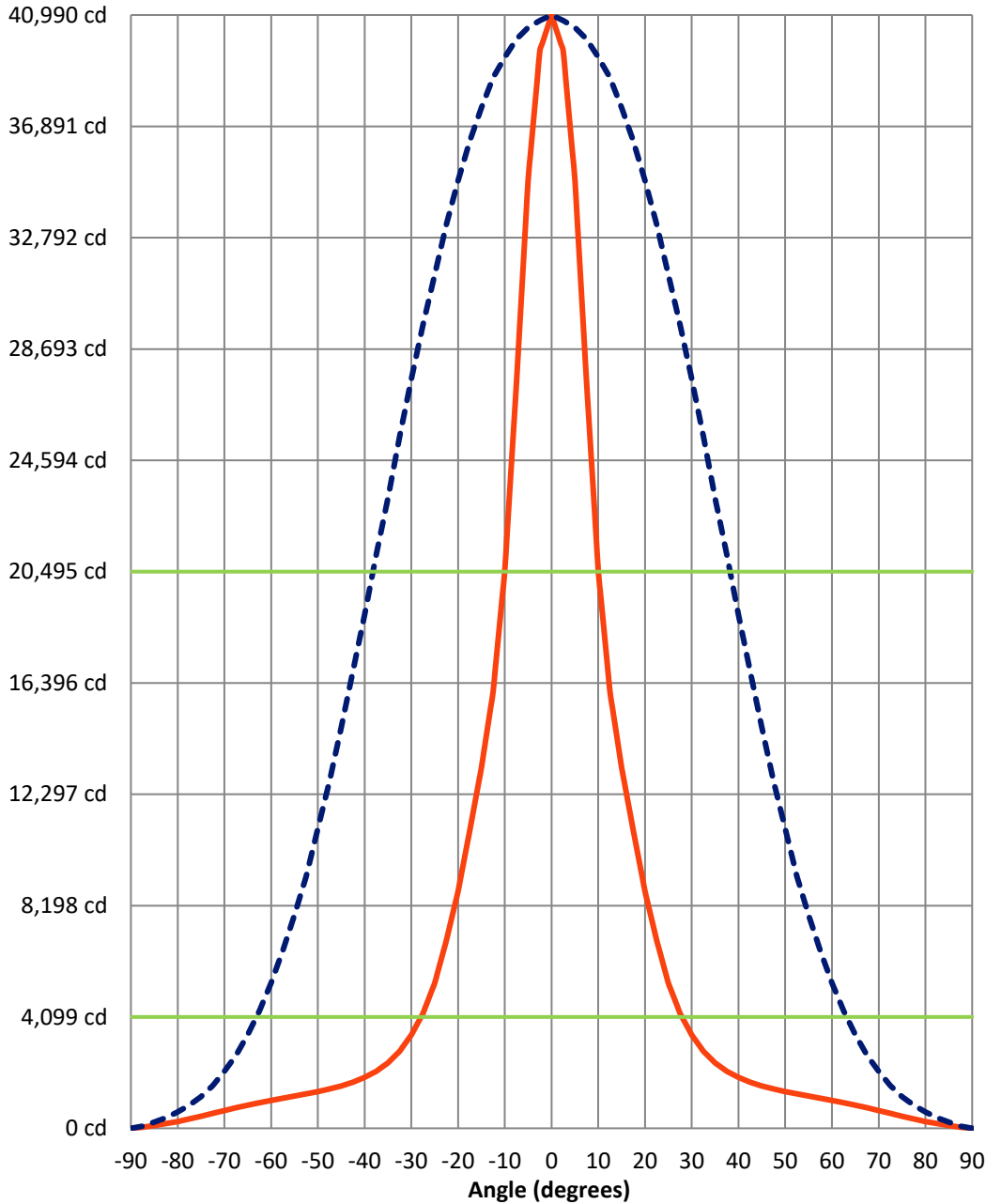
Luminous Intensity Polar Plot



— 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: 11745.3
 Efficiency: 40.0%

Field:
 H Angle: 126.3°
 V Angle: 55.8°
 Lumens: 24060.5
 Efficiency: 82.0%

Spill:
 Lumens: 5295.7
 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	3.4	6.8	9.7	12.3	14.5	16.4	18.5	20.6	22.4	24.1
85°	0.0	6.8	13.6	19.4	24.5	29.0	32.7	37.1	41.1	44.9	48.3
82.5°	0.0	10.2	20.4	29.1	36.8	43.5	49.1	55.6	63.0	75.0	86.0
80°	0.0	13.6	27.1	38.8	49.0	57.9	67.3	85.5	102.4	117.8	131.7
77.5°	0.0	16.9	33.8	48.4	61.2	76.9	99.0	121.1	141.7	160.5	178.3
75°	0.0	20.2	40.4	57.9	75.2	104.2	130.5	156.6	181.4	206.6	228.1
72.5°	0.0	23.5	47.0	67.5	97.7	131.3	162.0	193.3	225.9	254.1	278.1
70°	0.0	26.7	53.4	78.4	119.9	158.2	194.0	234.0	270.3	301.9	332.9
67.5°	0.0	29.9	59.8	95.3	141.9	184.9	230.5	274.6	314.9	356.2	389.5
65°	0.0	33.0	66.0	112.1	163.7	214.0	267.0	315.0	366.4	411.0	450.2
62.5°	0.0	36.1	72.1	128.6	185.2	245.2	303.2	360.4	418.0	468.2	519.4
60°	0.0	39.1	78.1	144.8	206.4	276.2	339.2	407.7	469.9	533.2	589.0
57.5°	0.0	42.0	88.7	160.8	231.3	306.9	380.1	455.0	528.0	598.3	664.3
55°	0.0	44.8	99.1	176.4	256.1	337.2	421.2	502.1	587.5	665.9	743.9
52.5°	0.0	47.6	109.2	191.7	280.5	367.8	461.7	554.9	646.9	742.5	825.6
50°	0.0	50.3	119.0	206.6	304.4	401.4	501.5	608.7	709.6	820.3	922.7
47.5°	0.0	52.8	128.6	221.9	327.8	434.2	541.9	662.7	781.3	899.3	1024.9
45°	0.0	55.3	137.7	239.1	350.7	466.4	588.6	716.9	854.5	995.7	1130.7
42.5°	0.0	57.6	146.6	255.7	372.9	497.6	635.0	776.8	927.8	1094.6	1251.2
40°	0.0	59.9	155.0	271.3	395.8	528.1	680.9	840.2	1006.2	1195.3	1378.1
37.5°	0.0	62.0	163.1	285.7	419.2	557.6	726.3	902.9	1095.0	1300.8	1509.1
35°	0.0	64.1	170.8	299.3	441.6	591.1	770.9	964.7	1183.4	1417.7	1650.9
32.5°	0.0	65.9	178.1	311.9	463.1	626.1	816.7	1025.4	1271.2	1536.0	1807.0
30°	0.0	67.7	184.9	323.6	483.6	660.1	865.6	1087.9	1358.1	1655.5	1966.7
27.5°	0.0	69.4	191.3	334.3	500.7	692.8	912.8	1158.7	1449.0	1775.5	2129.2
25°	0.0	70.9	197.3	344.1	516.4	724.1	958.3	1227.4	1547.0	1905.9	2294.2
22.5°	0.0	72.2	202.7	352.9	530.9	752.1	1001.7	1293.7	1643.2	2040.8	2474.6
20°	0.0	73.5	207.7	360.7	544.3	773.4	1043.0	1357.2	1736.9	2173.8	2653.4
17.5°	0.0	74.6	212.2	367.5	556.4	792.2	1074.0	1417.7	1827.4	2303.9	2829.3
15°	0.0	75.5	216.2	373.4	567.2	808.3	1097.2	1465.3	1914.1	2429.9	3000.7
12.5°	0.0	76.3	219.6	378.2	576.6	821.8	1117.1	1496.3	1976.2	2550.5	3166.1
10°	0.0	77.0	222.5	382.1	584.6	832.7	1133.5	1521.9	2015.9	2607.5	3295.1
7.5°	0.0	77.5	224.9	385.0	591.2	841.1	1146.5	1542.2	2048.0	2644.9	3353.5
5°	0.0	77.9	226.7	386.9	596.2	847.0	1155.9	1557.0	2072.2	2670.8	3398.8
2.5°	0.0	78.1	227.9	387.9	599.7	850.3	1161.8	1566.3	2088.4	2685.4	3430.2
0°	0.0	78.2	228.6	388.0	601.6	851.2	1164.0	1570.1	2096.4	2688.9	3446.9
-2.5°	0.0	78.1	227.9	387.9	599.7	850.3	1161.8	1566.3	2088.4	2685.4	3430.2
-5°	0.0	77.9	226.7	386.9	596.2	847.0	1155.9	1557.0	2072.2	2670.8	3398.8
-7.5°	0.0	77.5	224.9	385.0	591.2	841.1	1146.5	1542.2	2048.0	2644.9	3353.5
-10°	0.0	77.0	222.5	382.1	584.6	832.7	1133.5	1521.9	2015.9	2607.5	3295.1
-12.5°	0.0	76.3	219.6	378.2	576.6	821.8	1117.1	1496.3	1976.2	2550.5	3166.1
-15°	0.0	75.5	216.2	373.4	567.2	808.3	1097.2	1465.3	1914.1	2429.9	3000.7
-17.5°	0.0	74.6	212.2	367.5	556.4	792.2	1074.0	1417.7	1827.4	2303.9	2829.3
-20°	0.0	73.5	207.7	360.7	544.3	773.4	1043.0	1357.2	1736.9	2173.8	2653.4



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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	72.2	202.7	352.9	530.9	752.1	1001.7	1293.7	1643.2	2040.8	2474.6
-25°	0.0	70.9	197.3	344.1	516.4	724.1	958.3	1227.4	1547.0	1905.9	2294.2
-27.5°	0.0	69.4	191.3	334.3	500.7	692.8	912.8	1158.7	1449.0	1775.5	2129.2
-30°	0.0	67.7	184.9	323.6	483.6	660.1	865.6	1087.9	1358.1	1655.5	1966.7
-32.5°	0.0	65.9	178.1	311.9	463.1	626.1	816.7	1025.4	1271.2	1536.0	1807.0
-35°	0.0	64.1	170.8	299.3	441.6	591.1	770.9	964.7	1183.4	1417.7	1650.9
-37.5°	0.0	62.0	163.1	285.7	419.2	557.6	726.3	902.9	1095.0	1300.8	1509.1
-40°	0.0	59.9	155.0	271.3	395.8	528.1	680.9	840.2	1006.2	1195.3	1378.1
-42.5°	0.0	57.6	146.6	255.7	372.9	497.6	635.0	776.8	927.8	1094.6	1251.2
-45°	0.0	55.3	137.7	239.1	350.7	466.4	588.6	716.9	854.5	995.7	1130.7
-47.5°	0.0	52.8	128.6	221.9	327.8	434.2	541.9	662.7	781.3	899.3	1024.9
-50°	0.0	50.3	119.0	206.6	304.4	401.4	501.5	608.7	709.6	820.3	922.7
-52.5°	0.0	47.6	109.2	191.7	280.5	367.8	461.7	554.9	646.9	742.5	825.6
-55°	0.0	44.8	99.1	176.4	256.1	337.2	421.2	502.1	587.5	665.9	743.9
-57.5°	0.0	42.0	88.7	160.8	231.3	306.9	380.1	455.0	528.0	598.3	664.3
-60°	0.0	39.1	78.1	144.8	206.4	276.2	339.2	407.7	469.9	533.2	589.0
-62.5°	0.0	36.1	72.1	128.6	185.2	245.2	303.2	360.4	418.0	468.2	519.4
-65°	0.0	33.0	66.0	112.1	163.7	214.0	267.0	315.0	366.4	411.0	450.2
-67.5°	0.0	29.9	59.8	95.3	141.9	184.9	230.5	274.6	314.9	356.2	389.5
-70°	0.0	26.7	53.4	78.4	119.9	158.2	194.0	234.0	270.3	301.9	332.9
-72.5°	0.0	23.5	47.0	67.5	97.7	131.3	162.0	193.3	225.9	254.1	278.1
-75°	0.0	20.2	40.4	57.9	75.2	104.2	130.5	156.6	181.4	206.6	228.1
-77.5°	0.0	16.9	33.8	48.4	61.2	76.9	99.0	121.1	141.7	160.5	178.3
-80°	0.0	13.6	27.1	38.8	49.0	57.9	67.3	85.5	102.4	117.8	131.7
-82.5°	0.0	10.2	20.4	29.1	36.8	43.5	49.1	55.6	63.0	75.0	86.0
-85°	0.0	6.8	13.6	19.4	24.5	29.0	32.7	37.1	41.1	44.9	48.3
-87.5°	0.0	3.4	6.8	9.7	12.3	14.5	16.4	18.5	20.6	22.4	24.1
-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°	26.0	27.8	29.5	31.0	32.5	33.8	35.0	36.1	37.7	39.1	40.5
85°	52.0	55.6	61.5	66.5	71.0	74.9	78.3	81.0	83.9	86.3	88.2
82.5°	95.7	103.8	110.2	115.0	120.5	125.3	129.5	133.0	136.8	140.3	143.3
80°	143.1	152.2	161.6	169.8	177.8	183.8	187.6	189.2	193.9	200.0	206.3
77.5°	194.0	207.8	220.0	230.5	239.0	246.6	252.0	255.2	262.8	271.6	279.2
75°	246.7	263.6	280.4	295.2	306.9	315.6	321.9	327.1	336.2	347.7	357.5
72.5°	301.7	324.4	344.4	361.6	377.3	389.3	398.2	404.0	413.1	426.6	437.6
70°	359.6	385.6	412.6	434.8	451.5	465.6	477.3	485.4	493.7	507.4	517.6
67.5°	419.5	456.6	486.6	510.0	528.6	546.0	559.2	567.9	571.6	585.4	596.9
65°	490.1	529.8	563.2	589.5	608.2	629.5	644.3	651.6	654.0	669.1	683.2
62.5°	562.1	605.9	642.5	672.7	696.9	717.3	733.8	743.2	744.8	755.9	772.2
60°	638.8	683.7	727.3	763.7	789.6	810.5	828.5	838.4	840.4	844.9	863.5
57.5°	718.8	767.3	818.2	859.1	889.2	906.5	926.2	937.1	941.5	938.8	958.0
55°	805.8	856.3	913.7	961.2	993.6	1009.3	1027.7	1043.3	1048.7	1045.2	1056.6
52.5°	904.5	954.7	1015.9	1068.2	1104.3	1123.1	1136.1	1155.0	1163.6	1159.7	1157.5
50°	1008.1	1071.2	1121.9	1181.7	1225.2	1250.0	1250.3	1273.8	1285.1	1281.6	1266.1
47.5°	1125.4	1196.7	1235.0	1303.4	1360.0	1389.2	1391.2	1400.5	1414.5	1418.2	1404.9
45°	1252.2	1339.1	1380.3	1441.4	1504.8	1540.6	1551.4	1534.7	1559.6	1567.3	1559.0
42.5°	1385.7	1496.6	1561.6	1586.3	1660.1	1709.9	1729.1	1717.3	1716.0	1733.4	1733.1
40°	1539.8	1667.2	1764.8	1790.6	1827.9	1896.6	1937.2	1935.0	1889.4	1921.9	1930.4
37.5°	1704.7	1870.2	1990.8	2044.6	2016.3	2107.8	2167.3	2191.4	2163.1	2131.2	2167.6
35°	1878.1	2087.3	2249.9	2341.4	2345.6	2343.4	2436.6	2486.6	2490.0	2431.7	2444.8
32.5°	2072.3	2317.8	2533.2	2681.3	2748.5	2706.9	2731.2	2836.2	2887.7	2865.4	2781.3
30°	2280.7	2582.0	2846.2	3055.0	3205.2	3249.4	3149.4	3231.3	3345.2	3390.7	3354.2
27.5°	2491.5	2862.3	3197.4	3486.8	3719.5	3867.0	3870.5	3743.9	3873.2	3982.9	4025.2
25°	2705.7	3142.8	3569.7	3962.1	4314.2	4567.8	4684.4	4698.0	4517.2	4681.5	4834.6
22.5°	2933.9	3431.4	3938.1	4468.2	4958.9	5331.1	5614.0	5784.4	5778.9	5606.4	5741.0
20°	3175.4	3745.6	4335.5	4964.4	5633.6	6145.3	6619.3	6981.8	7200.1	7272.6	7131.3
17.5°	3416.5	4062.4	4752.8	5501.7	6276.1	6985.4	7695.8	8274.3	8732.7	9108.9	9243.5
15°	3654.6	4378.6	5171.6	6042.8	6937.6	7825.5	8738.8	9624.8	10404.7	11093.3	11501.5
12.5°	3887.2	4690.5	5587.2	6581.3	7608.3	8677.1	9766.9	10846.3	11969.9	13085.1	13932.7
10°	4111.5	4994.1	5994.2	7110.5	8278.5	9528.4	10793.2	12074.1	13439.1	14754.4	16020.7
7.5°	4207.4	5192.7	6344.8	7623.0	8937.3	10366.5	11804.0	13291.0	14885.9	16420.7	17966.9
5°	4266.5	5271.4	6443.4	7775.1	9237.0	10913.6	12628.6	14470.6	16290.6	18057.7	19879.6
2.5°	4305.8	5325.3	6509.1	7835.1	9281.7	11003.4	12740.0	14652.6	16694.6	18737.7	20906.8
0°	4325.2	5353.8	6541.9	7853.3	9276.0	11032.5	12783.0	14756.1	16825.5	18903.9	21123.6
-2.5°	4305.8	5325.3	6509.1	7835.1	9281.7	11003.4	12740.0	14652.6	16694.6	18737.7	20906.8
-5°	4266.5	5271.4	6443.4	7775.1	9237.0	10913.6	12628.6	14470.6	16290.6	18057.7	19879.6
-7.5°	4207.4	5192.7	6344.8	7623.0	8937.3	10366.5	11804.0	13291.0	14885.9	16420.7	17966.9
-10°	4111.5	4994.1	5994.2	7110.5	8278.5	9528.4	10793.2	12074.1	13439.1	14754.4	16020.7
-12.5°	3887.2	4690.5	5587.2	6581.3	7608.3	8677.1	9766.9	10846.3	11969.9	13085.1	13932.7
-15°	3654.6	4378.6	5171.6	6042.8	6937.6	7825.5	8738.8	9624.8	10404.7	11093.3	11501.5
-17.5°	3416.5	4062.4	4752.8	5501.7	6276.1	6985.4	7695.8	8274.3	8732.7	9108.9	9243.5
-20°	3175.4	3745.6	4335.5	4964.4	5633.6	6145.3	6619.3	6981.8	7200.1	7272.6	7131.3



REPORT NUMBER: P559238 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	2933.9	3431.4	3938.1	4468.2	4958.9	5331.1	5614.0	5784.4	5778.9	5606.4	5741.0
-25°	2705.7	3142.8	3569.7	3962.1	4314.2	4567.8	4684.4	4698.0	4517.2	4681.5	4834.6
-27.5°	2491.5	2862.3	3197.4	3486.8	3719.5	3867.0	3870.5	3743.9	3873.2	3982.9	4025.2
-30°	2280.7	2582.0	2846.2	3055.0	3205.2	3249.4	3149.4	3231.3	3345.2	3390.7	3354.2
-32.5°	2072.3	2317.8	2533.2	2681.3	2748.5	2706.9	2731.2	2836.2	2887.7	2865.4	2781.3
-35°	1878.1	2087.3	2249.9	2341.4	2345.6	2343.4	2436.6	2486.6	2490.0	2431.7	2444.8
-37.5°	1704.7	1870.2	1990.8	2044.6	2016.3	2107.8	2167.3	2191.4	2163.1	2131.2	2167.6
-40°	1539.8	1667.2	1764.8	1790.6	1827.9	1896.6	1937.2	1935.0	1889.4	1921.9	1930.4
-42.5°	1385.7	1496.6	1561.6	1586.3	1660.1	1709.9	1729.1	1717.3	1716.0	1733.4	1733.1
-45°	1252.2	1339.1	1380.3	1441.4	1504.8	1540.6	1551.4	1534.7	1559.6	1567.3	1559.0
-47.5°	1125.4	1196.7	1235.0	1303.4	1360.0	1389.2	1391.2	1400.5	1414.5	1418.2	1404.9
-50°	1008.1	1071.2	1121.9	1181.7	1225.2	1250.0	1250.3	1273.8	1285.1	1281.6	1266.1
-52.5°	904.5	954.7	1015.9	1068.2	1104.3	1123.1	1136.1	1155.0	1163.6	1159.7	1157.5
-55°	805.8	856.3	913.7	961.2	993.6	1009.3	1027.7	1043.3	1048.7	1045.2	1056.6
-57.5°	718.8	767.3	818.2	859.1	889.2	906.5	926.2	937.1	941.5	938.8	958.0
-60°	638.8	683.7	727.3	763.7	789.6	810.5	828.5	838.4	840.4	844.9	863.5
-62.5°	562.1	605.9	642.5	672.7	696.9	717.3	733.8	743.2	744.8	755.9	772.2
-65°	490.1	529.8	563.2	589.5	608.2	629.5	644.3	651.6	654.0	669.1	683.2
-67.5°	419.5	456.6	486.6	510.0	528.6	546.0	559.2	567.9	571.6	585.4	596.9
-70°	359.6	385.6	412.6	434.8	451.5	465.6	477.3	485.4	493.7	507.4	517.6
-72.5°	301.7	324.4	344.4	361.6	377.3	389.3	398.2	404.0	413.1	426.6	437.6
-75°	246.7	263.6	280.4	295.2	306.9	315.6	321.9	327.1	336.2	347.7	357.5
-77.5°	194.0	207.8	220.0	230.5	239.0	246.6	252.0	255.2	262.8	271.6	279.2
-80°	143.1	152.2	161.6	169.8	177.8	183.8	187.6	189.2	193.9	200.0	206.3
-82.5°	95.7	103.8	110.2	115.0	120.5	125.3	129.5	133.0	136.8	140.3	143.3
-85°	52.0	55.6	61.5	66.5	71.0	74.9	78.3	81.0	83.9	86.3	88.2
-87.5°	26.0	27.8	29.5	31.0	32.5	33.8	35.0	36.1	37.7	39.1	40.5
-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: P559238 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-U-NAT-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°	41.9	41.2	40.4	39.4	38.2	38.2	38.2	38.0	37.8	37.4	37.0
85°	89.6	91.2	92.9	94.4	95.9	97.5	98.8	99.9	100.8	100.7	100.4
82.5°	145.8	150.7	155.6	160.1	164.4	166.8	168.4	169.6	170.2	171.6	172.6
80°	211.6	218.8	225.4	230.9	235.4	238.7	241.4	243.6	245.1	246.9	248.0
77.5°	286.3	294.3	301.9	308.6	314.4	319.7	324.3	328.0	330.7	334.9	338.7
75°	365.7	374.8	384.2	392.6	400.1	408.0	415.9	423.0	429.4	434.8	438.8
72.5°	446.0	455.4	467.1	477.9	487.9	498.6	509.1	518.3	526.2	533.7	540.4
70°	525.3	534.2	549.1	563.5	576.9	589.7	602.4	613.7	623.8	633.4	642.2
67.5°	607.1	616.4	634.9	651.7	666.6	680.7	695.4	708.5	719.9	730.2	739.1
65°	694.4	702.6	722.7	740.9	756.7	769.9	785.8	800.2	813.0	824.2	833.8
62.5°	784.7	793.0	809.6	827.6	842.6	855.3	873.9	890.1	903.8	915.2	924.7
60°	876.4	883.5	896.3	916.1	932.9	946.7	963.2	978.9	992.2	1003.5	1013.6
57.5°	971.6	978.7	984.9	1004.8	1021.0	1033.6	1048.0	1063.4	1076.3	1086.9	1097.3
55°	1069.9	1075.4	1073.5	1091.9	1107.1	1117.3	1128.1	1144.3	1157.1	1166.6	1176.1
52.5°	1170.4	1177.0	1172.5	1180.2	1196.8	1206.0	1210.6	1228.2	1241.4	1249.8	1258.5
50°	1282.4	1287.7	1283.6	1279.2	1295.3	1304.8	1307.4	1321.6	1333.6	1340.1	1346.3
47.5°	1403.7	1410.2	1407.0	1389.5	1403.8	1415.9	1416.2	1422.3	1434.7	1439.6	1443.4
45°	1535.8	1548.3	1545.6	1533.4	1531.4	1543.8	1542.7	1537.7	1552.0	1558.4	1560.4
42.5°	1709.0	1704.9	1708.8	1701.8	1680.0	1694.0	1695.8	1678.0	1695.8	1703.5	1699.0
40°	1921.0	1882.3	1903.7	1900.5	1880.2	1877.1	1888.1	1873.6	1876.3	1887.3	1878.9
37.5°	2173.3	2145.6	2134.1	2143.7	2137.7	2111.6	2132.4	2127.3	2110.8	2129.4	2121.2
35°	2483.9	2475.6	2413.2	2451.2	2459.1	2434.2	2441.4	2452.2	2416.4	2444.5	2441.6
32.5°	2847.0	2865.4	2851.9	2828.6	2864.1	2868.5	2827.5	2876.8	2857.0	2864.0	2883.4
30°	3258.2	3352.6	3398.5	3357.5	3379.5	3423.5	3403.3	3437.5	3453.9	3428.3	3476.8
27.5°	3976.6	3943.1	4053.2	4101.1	4049.9	4130.0	4188.1	4162.4	4247.4	4197.1	4269.0
25°	4889.7	4840.5	4869.9	5028.2	5063.4	5022.7	5186.6	5205.9	5273.5	5281.7	5331.9
22.5°	5962.4	6081.1	6067.2	6115.4	6314.2	6380.7	6441.3	6599.0	6563.0	6706.0	6730.8
20°	7161.7	7460.2	7665.7	7708.9	7793.9	8022.5	8127.3	8251.7	8335.3	8470.6	8585.0
17.5°	9190.7	9037.8	9441.0	9694.3	9827.5	9875.1	10150.4	10240.1	10447.0	10565.1	10682.4
15°	11795.8	11884.9	11702.9	11944.4	12352.3	12490.1	12331.7	12701.4	12805.3	13004.3	13039.6
12.5°	14580.2	15031.0	15252.0	15312.0	15098.8	15679.0	15911.5	15619.7	15950.6	15890.9	16163.3
10°	17237.1	18332.2	18987.8	19449.0	19729.3	19898.1	20066.0	20367.5	20372.8	20596.1	20465.7
7.5°	19418.3	20806.8	22133.4	23420.2	24449.5	25026.5	25479.6	25914.1	26494.0	26771.7	26952.2
5°	21552.3	23154.3	24741.5	26301.4	27713.9	29072.9	30404.8	31560.2	32172.5	32887.9	33525.8
2.5°	22932.6	24959.0	26986.0	28993.7	30625.9	32123.5	33509.8	34797.3	35926.8	36971.6	37854.0
0°	23202.0	25469.8	27584.3	29587.5	31425.2	33275.0	34890.2	36345.9	37576.1	38686.0	39434.9
-2.5°	22932.6	24959.0	26986.0	28993.7	30625.9	32123.5	33509.8	34797.3	35926.8	36971.6	37854.0
-5°	21552.3	23154.3	24741.5	26301.4	27713.9	29072.9	30404.8	31560.2	32172.5	32887.9	33525.8
-7.5°	19418.3	20806.8	22133.4	23420.2	24449.5	25026.5	25479.6	25914.1	26494.0	26771.7	26952.2
-10°	17237.1	18332.2	18987.8	19449.0	19729.3	19898.1	20066.0	20367.5	20372.8	20596.1	20465.7
-12.5°	14580.2	15031.0	15252.0	15312.0	15098.8	15679.0	15911.5	15619.7	15950.6	15890.9	16163.3
-15°	11795.8	11884.9	11702.9	11944.4	12352.3	12490.1	12331.7	12701.4	12805.3	13004.3	13039.6
-17.5°	9190.7	9037.8	9441.0	9694.3	9827.5	9875.1	10150.4	10240.1	10447.0	10565.1	10682.4
-20°	7161.7	7460.2	7665.7	7708.9	7793.9	8022.5	8127.3	8251.7	8335.3	8470.6	8585.0



REPORT NUMBER: P559238 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	5962.4	6081.1	6067.2	6115.4	6314.2	6380.7	6441.3	6599.0	6563.0	6706.0	6730.8
-25°	4889.7	4840.5	4869.9	5028.2	5063.4	5022.7	5186.6	5205.9	5273.5	5281.7	5331.9
-27.5°	3976.6	3943.1	4053.2	4101.1	4049.9	4130.0	4188.1	4162.4	4247.4	4197.1	4269.0
-30°	3258.2	3352.6	3398.5	3357.5	3379.5	3423.5	3403.3	3437.5	3453.9	3428.3	3476.8
-32.5°	2847.0	2865.4	2851.9	2828.6	2864.1	2868.5	2827.5	2876.8	2857.0	2864.0	2883.4
-35°	2483.9	2475.6	2413.2	2451.2	2459.1	2434.2	2441.4	2452.2	2416.4	2444.5	2441.6
-37.5°	2173.3	2145.6	2134.1	2143.7	2137.7	2111.6	2132.4	2127.3	2110.8	2129.4	2121.2
-40°	1921.0	1882.3	1903.7	1900.5	1880.2	1877.1	1888.1	1873.6	1876.3	1887.3	1878.9
-42.5°	1709.0	1704.9	1708.8	1701.8	1680.0	1694.0	1695.8	1678.0	1695.8	1703.5	1699.0
-45°	1535.8	1548.3	1545.6	1533.4	1531.4	1543.8	1542.7	1537.7	1552.0	1558.4	1560.4
-47.5°	1403.7	1410.2	1407.0	1389.5	1403.8	1415.9	1416.2	1422.3	1434.7	1439.6	1443.4
-50°	1282.4	1287.7	1283.6	1279.2	1295.3	1304.8	1307.4	1321.6	1333.6	1340.1	1346.3
-52.5°	1170.4	1177.0	1172.5	1180.2	1196.8	1206.0	1210.6	1228.2	1241.4	1249.8	1258.5
-55°	1069.9	1075.4	1073.5	1091.9	1107.1	1117.3	1128.1	1144.3	1157.1	1166.6	1176.1
-57.5°	971.6	978.7	984.9	1004.8	1021.0	1033.6	1048.0	1063.4	1076.3	1086.9	1097.3
-60°	876.4	883.5	896.3	916.1	932.9	946.7	963.2	978.9	992.2	1003.5	1013.6
-62.5°	784.7	793.0	809.6	827.6	842.6	855.3	873.9	890.1	903.8	915.2	924.7
-65°	694.4	702.6	722.7	740.9	756.7	769.9	785.8	800.2	813.0	824.2	833.8
-67.5°	607.1	616.4	634.9	651.7	666.6	680.7	695.4	708.5	719.9	730.2	739.1
-70°	525.3	534.2	549.1	563.5	576.9	589.7	602.4	613.7	623.8	633.4	642.2
-72.5°	446.0	455.4	467.1	477.9	487.9	498.6	509.1	518.3	526.2	533.7	540.4
-75°	365.7	374.8	384.2	392.6	400.1	408.0	415.9	423.0	429.4	434.8	438.8
-77.5°	286.3	294.3	301.9	308.6	314.4	319.7	324.3	328.0	330.7	334.9	338.7
-80°	211.6	218.8	225.4	230.9	235.4	238.7	241.4	243.6	245.1	246.9	248.0
-82.5°	145.8	150.7	155.6	160.1	164.4	166.8	168.4	169.6	170.2	171.6	172.6
-85°	89.6	91.2	92.9	94.4	95.9	97.5	98.8	99.9	100.8	100.7	100.4
-87.5°	41.9	41.2	40.4	39.4	38.2	38.2	38.2	38.0	37.8	37.4	37.0
-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: P559238 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	36.5	36.0	37.6	39.1	37.6	36.0	36.5	37.0	37.4	37.8	38.0
85°	99.7	98.8	100.7	102.3	100.7	98.8	99.7	100.4	100.7	100.8	99.9
82.5°	173.3	173.6	174.3	174.5	174.3	173.6	173.3	172.6	171.6	170.2	169.6
80°	248.6	248.5	247.8	246.6	247.8	248.5	248.6	248.0	246.9	245.1	243.6
77.5°	341.8	344.0	345.4	345.9	345.4	344.0	341.8	338.7	334.9	330.7	328.0
75°	441.6	443.0	443.1	442.1	443.1	443.0	441.6	438.8	434.8	429.4	423.0
72.5°	546.0	550.4	551.2	550.4	551.2	550.4	546.0	540.4	533.7	526.2	518.3
70°	649.5	655.2	655.1	652.7	655.1	655.2	649.5	642.2	633.4	623.8	613.7
67.5°	746.1	751.4	755.5	758.0	755.5	751.4	746.1	739.1	730.2	719.9	708.5
65°	841.4	847.1	850.2	851.2	850.2	847.1	841.4	833.8	824.2	813.0	800.2
62.5°	932.1	937.3	940.4	941.4	940.4	937.3	932.1	924.7	915.2	903.8	890.1
60°	1021.5	1027.2	1028.1	1025.7	1028.1	1027.2	1021.5	1013.6	1003.5	992.2	978.9
57.5°	1105.4	1111.2	1111.1	1106.9	1111.1	1111.2	1105.4	1097.3	1086.9	1076.3	1063.4
55°	1182.9	1187.1	1188.7	1188.1	1188.7	1187.1	1182.9	1176.1	1166.6	1157.1	1144.3
52.5°	1265.0	1268.4	1269.8	1269.3	1269.8	1268.4	1265.0	1258.5	1249.8	1241.4	1228.2
50°	1350.7	1351.1	1351.0	1350.5	1351.0	1351.1	1350.7	1346.3	1340.1	1333.6	1321.6
47.5°	1448.6	1449.6	1449.8	1449.7	1449.8	1449.6	1448.6	1443.4	1439.6	1434.7	1422.3
45°	1564.3	1561.1	1557.8	1558.0	1557.8	1561.1	1564.3	1560.4	1558.4	1552.0	1537.7
42.5°	1703.2	1699.6	1695.3	1696.4	1695.3	1699.6	1703.2	1699.0	1703.5	1695.8	1678.0
40°	1886.2	1885.3	1879.1	1876.9	1879.1	1885.3	1886.2	1878.9	1887.3	1876.3	1873.6
37.5°	2122.5	2119.1	2105.3	2099.4	2105.3	2119.1	2122.5	2121.2	2129.4	2110.8	2127.3
35°	2433.3	2428.6	2407.6	2409.2	2407.6	2428.6	2433.3	2441.6	2444.5	2416.4	2452.2
32.5°	2873.7	2875.3	2843.6	2836.3	2843.6	2875.3	2873.7	2883.4	2864.0	2857.0	2876.8
30°	3446.7	3459.2	3421.9	3437.9	3421.9	3459.2	3446.7	3476.8	3428.3	3453.9	3437.5
27.5°	4267.7	4291.7	4258.7	4231.9	4258.7	4291.7	4267.7	4269.0	4197.1	4247.4	4162.4
25°	5397.8	5415.6	5377.9	5344.8	5377.9	5415.6	5397.8	5331.9	5281.7	5273.5	5205.9
22.5°	6868.8	6867.6	6865.7	6917.9	6865.7	6867.6	6868.8	6730.8	6706.0	6563.0	6599.0
20°	8658.9	8615.5	8680.5	8722.5	8680.5	8615.5	8658.9	8585.0	8470.6	8335.3	8251.7
17.5°	10709.6	10790.9	10853.3	10957.3	10853.3	10790.9	10709.6	10682.4	10565.1	10447.0	10240.1
15°	13127.8	13250.4	13312.8	13279.3	13312.8	13250.4	13127.8	13039.6	13004.3	12805.3	12701.4
12.5°	16172.9	16319.2	16211.2	16076.5	16211.2	16319.2	16172.9	16163.3	15890.9	15950.6	15619.7
10°	20467.6	20782.9	20800.6	20537.1	20800.6	20782.9	20467.6	20465.7	20596.1	20372.8	20367.5
7.5°	27057.1	27210.3	27443.1	27454.9	27443.1	27210.3	27057.1	26952.2	26771.7	26494.0	25914.1
5°	33815.0	34223.1	34486.3	34941.3	34486.3	34223.1	33815.0	33525.8	32887.9	32172.5	31560.2
2.5°	38423.8	38951.5	39154.0	39669.5	39154.0	38951.5	38423.8	37854.0	36971.6	35926.8	34797.3
0°	40102.6	40529.7	40785.4	40989.9	40785.4	40529.7	40102.6	39434.9	38686.0	37576.1	36345.9
-2.5°	38423.8	38951.5	39154.0	39669.5	39154.0	38951.5	38423.8	37854.0	36971.6	35926.8	34797.3
-5°	33815.0	34223.1	34486.3	34941.3	34486.3	34223.1	33815.0	33525.8	32887.9	32172.5	31560.2
-7.5°	27057.1	27210.3	27443.1	27454.9	27443.1	27210.3	27057.1	26952.2	26771.7	26494.0	25914.1
-10°	20467.6	20782.9	20800.6	20537.1	20800.6	20782.9	20467.6	20465.7	20596.1	20372.8	20367.5
-12.5°	16172.9	16319.2	16211.2	16076.5	16211.2	16319.2	16172.9	16163.3	15890.9	15950.6	15619.7
-15°	13127.8	13250.4	13312.8	13279.3	13312.8	13250.4	13127.8	13039.6	13004.3	12805.3	12701.4
-17.5°	10709.6	10790.9	10853.3	10957.3	10853.3	10790.9	10709.6	10682.4	10565.1	10447.0	10240.1
-20°	8658.9	8615.5	8680.5	8722.5	8680.5	8615.5	8658.9	8585.0	8470.6	8335.3	8251.7



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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°	6868.8	6867.6	6865.7	6917.9	6865.7	6867.6	6868.8	6730.8	6706.0	6563.0	6599.0
-25°	5397.8	5415.6	5377.9	5344.8	5377.9	5415.6	5397.8	5331.9	5281.7	5273.5	5205.9
-27.5°	4267.7	4291.7	4258.7	4231.9	4258.7	4291.7	4267.7	4269.0	4197.1	4247.4	4162.4
-30°	3446.7	3459.2	3421.9	3437.9	3421.9	3459.2	3446.7	3476.8	3428.3	3453.9	3437.5
-32.5°	2873.7	2875.3	2843.6	2836.3	2843.6	2875.3	2873.7	2883.4	2864.0	2857.0	2876.8
-35°	2433.3	2428.6	2407.6	2409.2	2407.6	2428.6	2433.3	2441.6	2444.5	2416.4	2452.2
-37.5°	2122.5	2119.1	2105.3	2099.4	2105.3	2119.1	2122.5	2121.2	2129.4	2110.8	2127.3
-40°	1886.2	1885.3	1879.1	1876.9	1879.1	1885.3	1886.2	1878.9	1887.3	1876.3	1873.6
-42.5°	1703.2	1699.6	1695.3	1696.4	1695.3	1699.6	1703.2	1699.0	1703.5	1695.8	1678.0
-45°	1564.3	1561.1	1557.8	1558.0	1557.8	1561.1	1564.3	1560.4	1558.4	1552.0	1537.7
-47.5°	1448.6	1449.6	1449.8	1449.7	1449.8	1449.6	1448.6	1443.4	1439.6	1434.7	1422.3
-50°	1350.7	1351.1	1351.0	1350.5	1351.0	1351.1	1350.7	1346.3	1340.1	1333.6	1321.6
-52.5°	1265.0	1268.4	1269.8	1269.3	1269.8	1268.4	1265.0	1258.5	1249.8	1241.4	1228.2
-55°	1182.9	1187.1	1188.7	1188.1	1188.7	1187.1	1182.9	1176.1	1166.6	1157.1	1144.3
-57.5°	1105.4	1111.2	1111.1	1106.9	1111.1	1111.2	1105.4	1097.3	1086.9	1076.3	1063.4
-60°	1021.5	1027.2	1028.1	1025.7	1028.1	1027.2	1021.5	1013.6	1003.5	992.2	978.9
-62.5°	932.1	937.3	940.4	941.4	940.4	937.3	932.1	924.7	915.2	903.8	890.1
-65°	841.4	847.1	850.2	851.2	850.2	847.1	841.4	833.8	824.2	813.0	800.2
-67.5°	746.1	751.4	755.5	758.0	755.5	751.4	746.1	739.1	730.2	719.9	708.5
-70°	649.5	655.2	655.1	652.7	655.1	655.2	649.5	642.2	633.4	623.8	613.7
-72.5°	546.0	550.4	551.2	550.4	551.2	550.4	546.0	540.4	533.7	526.2	518.3
-75°	441.6	443.0	443.1	442.1	443.1	443.0	441.6	438.8	434.8	429.4	423.0
-77.5°	341.8	344.0	345.4	345.9	345.4	344.0	341.8	338.7	334.9	330.7	328.0
-80°	248.6	248.5	247.8	246.6	247.8	248.5	248.6	248.0	246.9	245.1	243.6
-82.5°	173.3	173.6	174.3	174.5	174.3	173.6	173.3	172.6	171.6	170.2	169.6
-85°	99.7	98.8	100.7	102.3	100.7	98.8	99.7	100.4	100.7	100.8	99.9
-87.5°	36.5	36.0	37.6	39.1	37.6	36.0	36.5	37.0	37.4	37.8	38.0
-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):

	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°	38.2	38.2	38.2	39.4	40.4	41.2	41.9	40.5	39.1	37.7	36.1
85°	98.8	97.5	95.9	94.4	92.9	91.2	89.6	88.2	86.3	83.9	81.0
82.5°	168.4	166.8	164.4	160.1	155.6	150.7	145.8	143.3	140.3	136.8	133.0
80°	241.4	238.7	235.4	230.9	225.4	218.8	211.6	206.3	200.0	193.9	189.2
77.5°	324.3	319.7	314.4	308.6	301.9	294.3	286.3	279.2	271.6	262.8	255.2
75°	415.9	408.0	400.1	392.6	384.2	374.8	365.7	357.5	347.7	336.2	327.1
72.5°	509.1	498.6	487.9	477.9	467.1	455.4	446.0	437.6	426.6	413.1	404.0
70°	602.4	589.7	576.9	563.5	549.1	534.2	525.3	517.6	507.4	493.7	485.4
67.5°	695.4	680.7	666.6	651.7	634.9	616.4	607.1	596.9	585.4	571.6	567.9
65°	785.8	769.9	756.7	740.9	722.7	702.6	694.4	683.2	669.1	654.0	651.6
62.5°	873.9	855.3	842.6	827.6	809.6	793.0	784.7	772.2	755.9	744.8	743.2
60°	963.2	946.7	932.9	916.1	896.3	883.5	876.4	863.5	844.9	840.4	838.4
57.5°	1048.0	1033.6	1021.0	1004.8	984.9	978.7	971.6	958.0	938.8	941.5	937.1
55°	1128.1	1117.3	1107.1	1091.9	1073.5	1075.4	1069.9	1056.6	1045.2	1048.7	1043.3
52.5°	1210.6	1206.0	1196.8	1180.2	1172.5	1177.0	1170.4	1157.5	1159.7	1163.6	1155.0
50°	1307.4	1304.8	1295.3	1279.2	1283.6	1287.7	1282.4	1266.1	1281.6	1285.1	1273.8
47.5°	1416.2	1415.9	1403.8	1389.5	1407.0	1410.2	1403.7	1404.9	1418.2	1414.5	1400.5
45°	1542.7	1543.8	1531.4	1533.4	1545.6	1548.3	1535.8	1559.0	1567.3	1559.6	1534.7
42.5°	1695.8	1694.0	1680.0	1701.8	1708.8	1704.9	1709.0	1733.1	1733.4	1716.0	1717.3
40°	1888.1	1877.1	1880.2	1900.5	1903.7	1882.3	1921.0	1930.4	1921.9	1889.4	1935.0
37.5°	2132.4	2111.6	2137.7	2143.7	2134.1	2145.6	2173.3	2167.6	2131.2	2163.1	2191.4
35°	2441.4	2434.2	2459.1	2451.2	2413.2	2475.6	2483.9	2444.8	2431.7	2490.0	2486.6
32.5°	2827.5	2868.5	2864.1	2828.6	2851.9	2865.4	2847.0	2781.3	2865.4	2887.7	2836.2
30°	3403.3	3423.5	3379.5	3357.5	3398.5	3352.6	3258.2	3354.2	3390.7	3345.2	3231.3
27.5°	4188.1	4130.0	4049.9	4101.1	4053.2	3943.1	3976.6	4025.2	3982.9	3873.2	3743.9
25°	5186.6	5022.7	5063.4	5028.2	4869.9	4840.5	4889.7	4834.6	4681.5	4517.2	4698.0
22.5°	6441.3	6380.7	6314.2	6115.4	6067.2	6081.1	5962.4	5741.0	5606.4	5778.9	5784.4
20°	8127.3	8022.5	7793.9	7708.9	7665.7	7460.2	7161.7	7131.3	7272.6	7200.1	6981.8
17.5°	10150.4	9875.1	9827.5	9694.3	9441.0	9037.8	9190.7	9243.5	9108.9	8732.7	8274.3
15°	12331.7	12490.1	12352.3	11944.4	11702.9	11884.9	11795.8	11501.5	11093.3	10404.7	9624.8
12.5°	15911.5	15679.0	15098.8	15312.0	15252.0	15031.0	14580.2	13932.7	13085.1	11969.9	10846.3
10°	20066.0	19898.1	19729.3	19449.0	18987.8	18332.2	17237.1	16020.7	14754.4	13439.1	12074.1
7.5°	25479.6	25026.5	24449.5	23420.2	22133.4	20806.8	19418.3	17966.9	16420.7	14885.9	13291.0
5°	30404.8	29072.9	27713.9	26301.4	24741.5	23154.3	21552.3	19879.6	18057.7	16290.6	14470.6
2.5°	33509.8	32123.5	30625.9	28993.7	26986.0	24959.0	22932.6	20906.8	18737.7	16694.6	14652.6
0°	34890.2	33275.0	31425.2	29587.5	27584.3	25469.8	23202.0	21123.6	18903.9	16825.5	14756.1
-2.5°	33509.8	32123.5	30625.9	28993.7	26986.0	24959.0	22932.6	20906.8	18737.7	16694.6	14652.6
-5°	30404.8	29072.9	27713.9	26301.4	24741.5	23154.3	21552.3	19879.6	18057.7	16290.6	14470.6
-7.5°	25479.6	25026.5	24449.5	23420.2	22133.4	20806.8	19418.3	17966.9	16420.7	14885.9	13291.0
-10°	20066.0	19898.1	19729.3	19449.0	18987.8	18332.2	17237.1	16020.7	14754.4	13439.1	12074.1
-12.5°	15911.5	15679.0	15098.8	15312.0	15252.0	15031.0	14580.2	13932.7	13085.1	11969.9	10846.3
-15°	12331.7	12490.1	12352.3	11944.4	11702.9	11884.9	11795.8	11501.5	11093.3	10404.7	9624.8
-17.5°	10150.4	9875.1	9827.5	9694.3	9441.0	9037.8	9190.7	9243.5	9108.9	8732.7	8274.3
-20°	8127.3	8022.5	7793.9	7708.9	7665.7	7460.2	7161.7	7131.3	7272.6	7200.1	6981.8



REPORT NUMBER: P559238 (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°	6441.3	6380.7	6314.2	6115.4	6067.2	6081.1	5962.4	5741.0	5606.4	5778.9	5784.4
-25°	5186.6	5022.7	5063.4	5028.2	4869.9	4840.5	4889.7	4834.6	4681.5	4517.2	4698.0
-27.5°	4188.1	4130.0	4049.9	4101.1	4053.2	3943.1	3976.6	4025.2	3982.9	3873.2	3743.9
-30°	3403.3	3423.5	3379.5	3357.5	3398.5	3352.6	3258.2	3354.2	3390.7	3345.2	3231.3
-32.5°	2827.5	2868.5	2864.1	2828.6	2851.9	2865.4	2847.0	2781.3	2865.4	2887.7	2836.2
-35°	2441.4	2434.2	2459.1	2451.2	2413.2	2475.6	2483.9	2444.8	2431.7	2490.0	2486.6
-37.5°	2132.4	2111.6	2137.7	2143.7	2134.1	2145.6	2173.3	2167.6	2131.2	2163.1	2191.4
-40°	1888.1	1877.1	1880.2	1900.5	1903.7	1882.3	1921.0	1930.4	1921.9	1889.4	1935.0
-42.5°	1695.8	1694.0	1680.0	1701.8	1708.8	1704.9	1709.0	1733.1	1733.4	1716.0	1717.3
-45°	1542.7	1543.8	1531.4	1533.4	1545.6	1548.3	1535.8	1559.0	1567.3	1559.6	1534.7
-47.5°	1416.2	1415.9	1403.8	1389.5	1407.0	1410.2	1403.7	1404.9	1418.2	1414.5	1400.5
-50°	1307.4	1304.8	1295.3	1279.2	1283.6	1287.7	1282.4	1266.1	1281.6	1285.1	1273.8
-52.5°	1210.6	1206.0	1196.8	1180.2	1172.5	1177.0	1170.4	1157.5	1159.7	1163.6	1155.0
-55°	1128.1	1117.3	1107.1	1091.9	1073.5	1075.4	1069.9	1056.6	1045.2	1048.7	1043.3
-57.5°	1048.0	1033.6	1021.0	1004.8	984.9	978.7	971.6	958.0	938.8	941.5	937.1
-60°	963.2	946.7	932.9	916.1	896.3	883.5	876.4	863.5	844.9	840.4	838.4
-62.5°	873.9	855.3	842.6	827.6	809.6	793.0	784.7	772.2	755.9	744.8	743.2
-65°	785.8	769.9	756.7	740.9	722.7	702.6	694.4	683.2	669.1	654.0	651.6
-67.5°	695.4	680.7	666.6	651.7	634.9	616.4	607.1	596.9	585.4	571.6	567.9
-70°	602.4	589.7	576.9	563.5	549.1	534.2	525.3	517.6	507.4	493.7	485.4
-72.5°	509.1	498.6	487.9	477.9	467.1	455.4	446.0	437.6	426.6	413.1	404.0
-75°	415.9	408.0	400.1	392.6	384.2	374.8	365.7	357.5	347.7	336.2	327.1
-77.5°	324.3	319.7	314.4	308.6	301.9	294.3	286.3	279.2	271.6	262.8	255.2
-80°	241.4	238.7	235.4	230.9	225.4	218.8	211.6	206.3	200.0	193.9	189.2
-82.5°	168.4	166.8	164.4	160.1	155.6	150.7	145.8	143.3	140.3	136.8	133.0
-85°	98.8	97.5	95.9	94.4	92.9	91.2	89.6	88.2	86.3	83.9	81.0
-87.5°	38.2	38.2	38.2	39.4	40.4	41.2	41.9	40.5	39.1	37.7	36.1
-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: P559238 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-930-U-NAT-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°	35.0	33.8	32.5	31.0	29.5	27.8	26.0	24.1	22.4	20.6	18.5
85°	78.3	74.9	71.0	66.5	61.5	55.6	52.0	48.3	44.9	41.1	37.1
82.5°	129.5	125.3	120.5	115.0	110.2	103.8	95.7	86.0	75.0	63.0	55.6
80°	187.6	183.8	177.8	169.8	161.6	152.2	143.1	131.7	117.8	102.4	85.5
77.5°	252.0	246.6	239.0	230.5	220.0	207.8	194.0	178.3	160.5	141.7	121.1
75°	321.9	315.6	306.9	295.2	280.4	263.6	246.7	228.1	206.6	181.4	156.6
72.5°	398.2	389.3	377.3	361.6	344.4	324.4	301.7	278.1	254.1	225.9	193.3
70°	477.3	465.6	451.5	434.8	412.6	385.6	359.6	332.9	301.9	270.3	234.0
67.5°	559.2	546.0	528.6	510.0	486.6	456.6	419.5	389.5	356.2	314.9	274.6
65°	644.3	629.5	608.2	589.5	563.2	529.8	490.1	450.2	411.0	366.4	315.0
62.5°	733.8	717.3	696.9	672.7	642.5	605.9	562.1	519.4	468.2	418.0	360.4
60°	828.5	810.5	789.6	763.7	727.3	683.7	638.8	589.0	533.2	469.9	407.7
57.5°	926.2	906.5	889.2	859.1	818.2	767.3	718.8	664.3	598.3	528.0	455.0
55°	1027.7	1009.3	993.6	961.2	913.7	856.3	805.8	743.9	665.9	587.5	502.1
52.5°	1136.1	1123.1	1104.3	1068.2	1015.9	954.7	904.5	825.6	742.5	646.9	554.9
50°	1250.3	1250.0	1225.2	1181.7	1121.9	1071.2	1008.1	922.7	820.3	709.6	608.7
47.5°	1391.2	1389.2	1360.0	1303.4	1235.0	1196.7	1125.4	1024.9	899.3	781.3	662.7
45°	1551.4	1540.6	1504.8	1441.4	1380.3	1339.1	1252.2	1130.7	995.7	854.5	716.9
42.5°	1729.1	1709.9	1660.1	1586.3	1561.6	1496.6	1385.7	1251.2	1094.6	927.8	776.8
40°	1937.2	1896.6	1827.9	1790.6	1764.8	1667.2	1539.8	1378.1	1195.3	1006.2	840.2
37.5°	2167.3	2107.8	2016.3	2044.6	1990.8	1870.2	1704.7	1509.1	1300.8	1095.0	902.9
35°	2436.6	2343.4	2345.6	2341.4	2249.9	2087.3	1878.1	1650.9	1417.7	1183.4	964.7
32.5°	2731.2	2706.9	2748.5	2681.3	2533.2	2317.8	2072.3	1807.0	1536.0	1271.2	1025.4
30°	3149.4	3249.4	3205.2	3055.0	2846.2	2582.0	2280.7	1966.7	1655.5	1358.1	1087.9
27.5°	3870.5	3867.0	3719.5	3486.8	3197.4	2862.3	2491.5	2129.2	1775.5	1449.0	1158.7
25°	4684.4	4567.8	4314.2	3962.1	3569.7	3142.8	2705.7	2294.2	1905.9	1547.0	1227.4
22.5°	5614.0	5331.1	4958.9	4468.2	3938.1	3431.4	2933.9	2474.6	2040.8	1643.2	1293.7
20°	6619.3	6145.3	5633.6	4964.4	4335.5	3745.6	3175.4	2653.4	2173.8	1736.9	1357.2
17.5°	7695.8	6985.4	6276.1	5501.7	4752.8	4062.4	3416.5	2829.3	2303.9	1827.4	1417.7
15°	8738.8	7825.5	6937.6	6042.8	5171.6	4378.6	3654.6	3000.7	2429.9	1914.1	1465.3
12.5°	9766.9	8677.1	7608.3	6581.3	5587.2	4690.5	3887.2	3166.1	2550.5	1976.2	1496.3
10°	10793.2	9528.4	8278.5	7110.5	5994.2	4994.1	4111.5	3295.1	2607.5	2015.9	1521.9
7.5°	11804.0	10366.5	8937.3	7623.0	6344.8	5192.7	4207.4	3353.5	2644.9	2048.0	1542.2
5°	12628.6	10913.6	9237.0	7775.1	6443.4	5271.4	4266.5	3398.8	2670.8	2072.2	1557.0
2.5°	12740.0	11003.4	9281.7	7835.1	6509.1	5325.3	4305.8	3430.2	2685.4	2088.4	1566.3
0°	12783.0	11032.5	9276.0	7853.3	6541.9	5353.8	4325.2	3446.9	2688.9	2096.4	1570.1
-2.5°	12740.0	11003.4	9281.7	7835.1	6509.1	5325.3	4305.8	3430.2	2685.4	2088.4	1566.3
-5°	12628.6	10913.6	9237.0	7775.1	6443.4	5271.4	4266.5	3398.8	2670.8	2072.2	1557.0
-7.5°	11804.0	10366.5	8937.3	7623.0	6344.8	5192.7	4207.4	3353.5	2644.9	2048.0	1542.2
-10°	10793.2	9528.4	8278.5	7110.5	5994.2	4994.1	4111.5	3295.1	2607.5	2015.9	1521.9
-12.5°	9766.9	8677.1	7608.3	6581.3	5587.2	4690.5	3887.2	3166.1	2550.5	1976.2	1496.3
-15°	8738.8	7825.5	6937.6	6042.8	5171.6	4378.6	3654.6	3000.7	2429.9	1914.1	1465.3
-17.5°	7695.8	6985.4	6276.1	5501.7	4752.8	4062.4	3416.5	2829.3	2303.9	1827.4	1417.7
-20°	6619.3	6145.3	5633.6	4964.4	4335.5	3745.6	3175.4	2653.4	2173.8	1736.9	1357.2



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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°	5614.0	5331.1	4958.9	4468.2	3938.1	3431.4	2933.9	2474.6	2040.8	1643.2	1293.7
-25°	4684.4	4567.8	4314.2	3962.1	3569.7	3142.8	2705.7	2294.2	1905.9	1547.0	1227.4
-27.5°	3870.5	3867.0	3719.5	3486.8	3197.4	2862.3	2491.5	2129.2	1775.5	1449.0	1158.7
-30°	3149.4	3249.4	3205.2	3055.0	2846.2	2582.0	2280.7	1966.7	1655.5	1358.1	1087.9
-32.5°	2731.2	2706.9	2748.5	2681.3	2533.2	2317.8	2072.3	1807.0	1536.0	1271.2	1025.4
-35°	2436.6	2343.4	2345.6	2341.4	2249.9	2087.3	1878.1	1650.9	1417.7	1183.4	964.7
-37.5°	2167.3	2107.8	2016.3	2044.6	1990.8	1870.2	1704.7	1509.1	1300.8	1095.0	902.9
-40°	1937.2	1896.6	1827.9	1790.6	1764.8	1667.2	1539.8	1378.1	1195.3	1006.2	840.2
-42.5°	1729.1	1709.9	1660.1	1586.3	1561.6	1496.6	1385.7	1251.2	1094.6	927.8	776.8
-45°	1551.4	1540.6	1504.8	1441.4	1380.3	1339.1	1252.2	1130.7	995.7	854.5	716.9
-47.5°	1391.2	1389.2	1360.0	1303.4	1235.0	1196.7	1125.4	1024.9	899.3	781.3	662.7
-50°	1250.3	1250.0	1225.2	1181.7	1121.9	1071.2	1008.1	922.7	820.3	709.6	608.7
-52.5°	1136.1	1123.1	1104.3	1068.2	1015.9	954.7	904.5	825.6	742.5	646.9	554.9
-55°	1027.7	1009.3	993.6	961.2	913.7	856.3	805.8	743.9	665.9	587.5	502.1
-57.5°	926.2	906.5	889.2	859.1	818.2	767.3	718.8	664.3	598.3	528.0	455.0
-60°	828.5	810.5	789.6	763.7	727.3	683.7	638.8	589.0	533.2	469.9	407.7
-62.5°	733.8	717.3	696.9	672.7	642.5	605.9	562.1	519.4	468.2	418.0	360.4
-65°	644.3	629.5	608.2	589.5	563.2	529.8	490.1	450.2	411.0	366.4	315.0
-67.5°	559.2	546.0	528.6	510.0	486.6	456.6	419.5	389.5	356.2	314.9	274.6
-70°	477.3	465.6	451.5	434.8	412.6	385.6	359.6	332.9	301.9	270.3	234.0
-72.5°	398.2	389.3	377.3	361.6	344.4	324.4	301.7	278.1	254.1	225.9	193.3
-75°	321.9	315.6	306.9	295.2	280.4	263.6	246.7	228.1	206.6	181.4	156.6
-77.5°	252.0	246.6	239.0	230.5	220.0	207.8	194.0	178.3	160.5	141.7	121.1
-80°	187.6	183.8	177.8	169.8	161.6	152.2	143.1	131.7	117.8	102.4	85.5
-82.5°	129.5	125.3	120.5	115.0	110.2	103.8	95.7	86.0	75.0	63.0	55.6
-85°	78.3	74.9	71.0	66.5	61.5	55.6	52.0	48.3	44.9	41.1	37.1
-87.5°	35.0	33.8	32.5	31.0	29.5	27.8	26.0	24.1	22.4	20.6	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



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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°	16.4	14.5	12.3	9.7	6.8	3.4	0.0
85°	32.7	29.0	24.5	19.4	13.6	6.8	0.0
82.5°	49.1	43.5	36.8	29.1	20.4	10.2	0.0
80°	67.3	57.9	49.0	38.8	27.1	13.6	0.0
77.5°	99.0	76.9	61.2	48.4	33.8	16.9	0.0
75°	130.5	104.2	75.2	57.9	40.4	20.2	0.0
72.5°	162.0	131.3	97.7	67.5	47.0	23.5	0.0
70°	194.0	158.2	119.9	78.4	53.4	26.7	0.0
67.5°	230.5	184.9	141.9	95.3	59.8	29.9	0.0
65°	267.0	214.0	163.7	112.1	66.0	33.0	0.0
62.5°	303.2	245.2	185.2	128.6	72.1	36.1	0.0
60°	339.2	276.2	206.4	144.8	78.1	39.1	0.0
57.5°	380.1	306.9	231.3	160.8	88.7	42.0	0.0
55°	421.2	337.2	256.1	176.4	99.1	44.8	0.0
52.5°	461.7	367.8	280.5	191.7	109.2	47.6	0.0
50°	501.5	401.4	304.4	206.6	119.0	50.3	0.0
47.5°	541.9	434.2	327.8	221.9	128.6	52.8	0.0
45°	588.6	466.4	350.7	239.1	137.7	55.3	0.0
42.5°	635.0	497.6	372.9	255.7	146.6	57.6	0.0
40°	680.9	528.1	395.8	271.3	155.0	59.9	0.0
37.5°	726.3	557.6	419.2	285.7	163.1	62.0	0.0
35°	770.9	591.1	441.6	299.3	170.8	64.1	0.0
32.5°	816.7	626.1	463.1	311.9	178.1	65.9	0.0
30°	865.6	660.1	483.6	323.6	184.9	67.7	0.0
27.5°	912.8	692.8	500.7	334.3	191.3	69.4	0.0
25°	958.3	724.1	516.4	344.1	197.3	70.9	0.0
22.5°	1001.7	752.1	530.9	352.9	202.7	72.2	0.0
20°	1043.0	773.4	544.3	360.7	207.7	73.5	0.0
17.5°	1074.0	792.2	556.4	367.5	212.2	74.6	0.0
15°	1097.2	808.3	567.2	373.4	216.2	75.5	0.0
12.5°	1117.1	821.8	576.6	378.2	219.6	76.3	0.0
10°	1133.5	832.7	584.6	382.1	222.5	77.0	0.0
7.5°	1146.5	841.1	591.2	385.0	224.9	77.5	0.0
5°	1155.9	847.0	596.2	386.9	226.7	77.9	0.0
2.5°	1161.8	850.3	599.7	387.9	227.9	78.1	0.0
0°	1164.0	851.2	601.6	388.0	228.6	78.2	0.0
-2.5°	1161.8	850.3	599.7	387.9	227.9	78.1	0.0
-5°	1155.9	847.0	596.2	386.9	226.7	77.9	0.0
-7.5°	1146.5	841.1	591.2	385.0	224.9	77.5	0.0
-10°	1133.5	832.7	584.6	382.1	222.5	77.0	0.0
-12.5°	1117.1	821.8	576.6	378.2	219.6	76.3	0.0
-15°	1097.2	808.3	567.2	373.4	216.2	75.5	0.0
-17.5°	1074.0	792.2	556.4	367.5	212.2	74.6	0.0
-20°	1043.0	773.4	544.3	360.7	207.7	73.5	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	1001.7	752.1	530.9	352.9	202.7	72.2	0.0
-25°	958.3	724.1	516.4	344.1	197.3	70.9	0.0
-27.5°	912.8	692.8	500.7	334.3	191.3	69.4	0.0
-30°	865.6	660.1	483.6	323.6	184.9	67.7	0.0
-32.5°	816.7	626.1	463.1	311.9	178.1	65.9	0.0
-35°	770.9	591.1	441.6	299.3	170.8	64.1	0.0
-37.5°	726.3	557.6	419.2	285.7	163.1	62.0	0.0
-40°	680.9	528.1	395.8	271.3	155.0	59.9	0.0
-42.5°	635.0	497.6	372.9	255.7	146.6	57.6	0.0
-45°	588.6	466.4	350.7	239.1	137.7	55.3	0.0
-47.5°	541.9	434.2	327.8	221.9	128.6	52.8	0.0
-50°	501.5	401.4	304.4	206.6	119.0	50.3	0.0
-52.5°	461.7	367.8	280.5	191.7	109.2	47.6	0.0
-55°	421.2	337.2	256.1	176.4	99.1	44.8	0.0
-57.5°	380.1	306.9	231.3	160.8	88.7	42.0	0.0
-60°	339.2	276.2	206.4	144.8	78.1	39.1	0.0
-62.5°	303.2	245.2	185.2	128.6	72.1	36.1	0.0
-65°	267.0	214.0	163.7	112.1	66.0	33.0	0.0
-67.5°	230.5	184.9	141.9	95.3	59.8	29.9	0.0
-70°	194.0	158.2	119.9	78.4	53.4	26.7	0.0
-72.5°	162.0	131.3	97.7	67.5	47.0	23.5	0.0
-75°	130.5	104.2	75.2	57.9	40.4	20.2	0.0
-77.5°	99.0	76.9	61.2	48.4	33.8	16.9	0.0
-80°	67.3	57.9	49.0	38.8	27.1	13.6	0.0
-82.5°	49.1	43.5	36.8	29.1	20.4	10.2	0.0
-85°	32.7	29.0	24.5	19.4	13.6	6.8	0.0
-87.5°	16.4	14.5	12.3	9.7	6.8	3.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)