

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: P559214 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-935-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559214 (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-SA6D-935-U-NAT-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (96) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

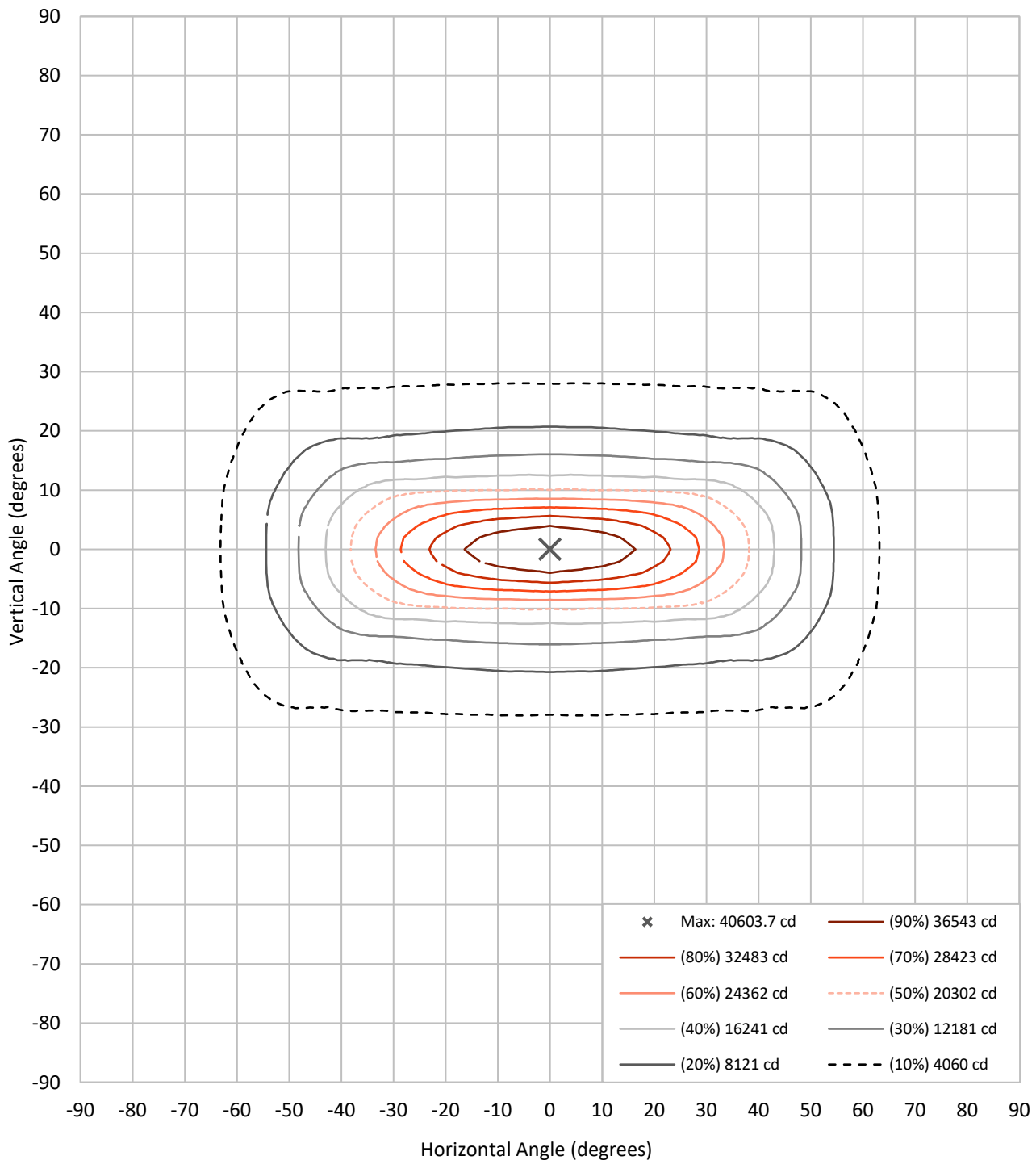
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	29079.6 lumens	Max Intensity:	40603.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	91.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	11634.7 lumens	Field Lumens:	23833.8 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 319
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





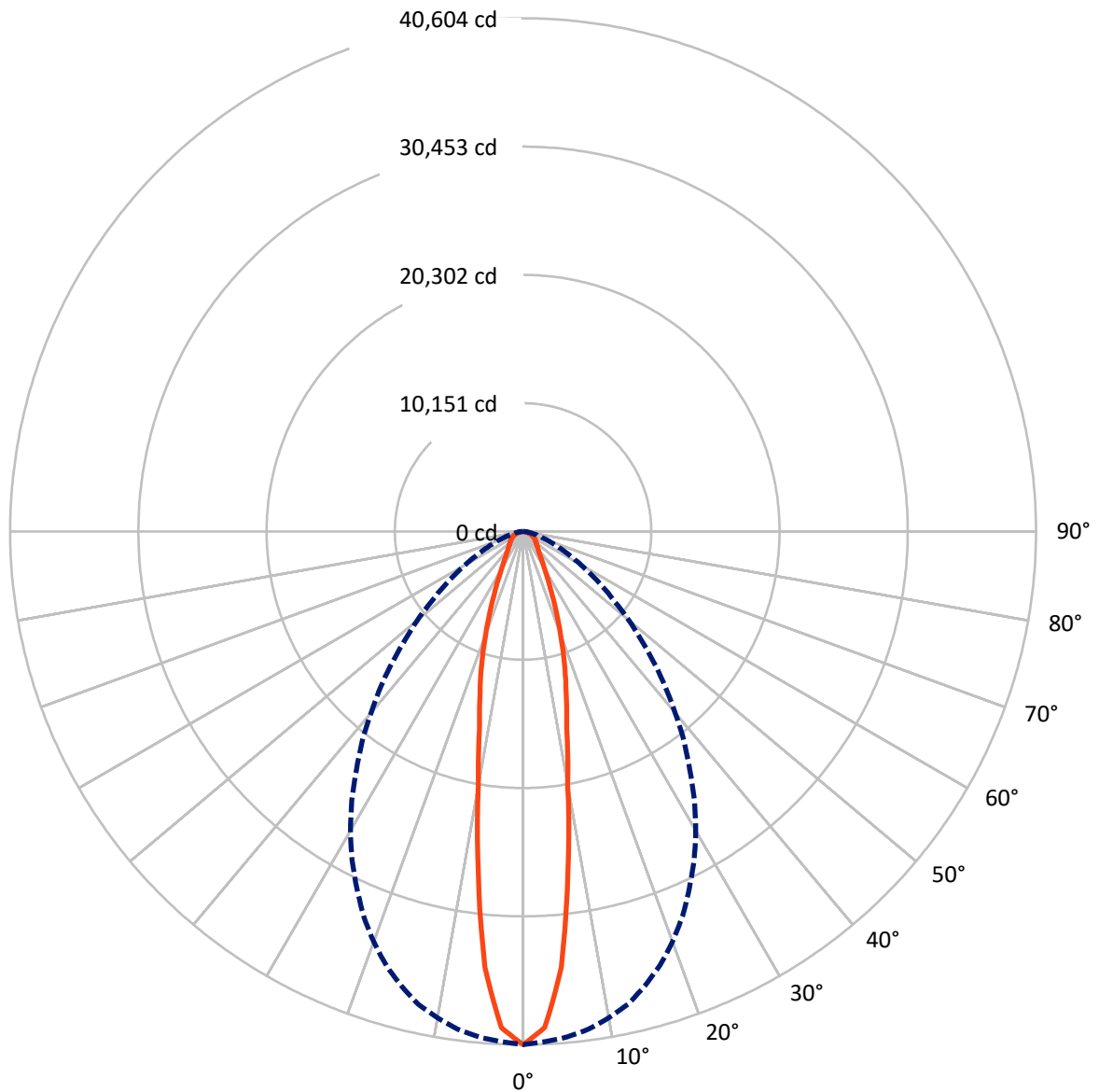
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Lumen Table

90																			
80	1.5	10.1		20.4		29.5		33.3		29.5		20.4		10.1		1.5			
70																			
60	6.2	5.8	10.2	13.9	17.2	20.6	23.6	25.3	25.3	23.6	20.6	17.2	13.9	10.2	5.8	6.2			
50		9.5	16.6	22.2	26.4	30.3	33.7	35.6	35.6	33.7	30.3	26.4	22.2	16.6	9.5				
40	12.5	14.5	25.2	33.4	38.7	42.5	45.7	47.5	47.5	45.7	42.5	38.7	33.4	25.2	14.5	12.5			
30		21.4	40.4	53.4	62.2	68.7	73.4	75.5	75.5	73.4	68.7	62.2	53.4	40.4	21.4				
20	19.2	30.1	68.7	102.4	123.8	143.6	159.9	169.3	169.3	159.9	143.6	123.8	102.4	68.7	30.1	19.2			
10		39.8	106.0	203.9	293.3	349.5	389.2	411.7	411.7	389.2	349.5	293.3	203.9	106.0	39.8				
0	22.0	45.6	136.1	300.5	519.8	737.3	897.3	981.5	981.5	897.3	737.3	519.8	300.5	136.1	45.6	22.0			
-10		45.6	136.1	300.5	519.8	737.3	897.3	981.5	981.5	897.3	737.3	519.8	300.5	136.1	45.6				
-20	19.2	39.8	106.0	203.9	293.3	349.5	389.2	411.7	411.7	389.2	349.5	293.3	203.9	106.0	39.8	19.2			
-30		30.1	68.7	102.4	123.8	143.6	159.9	169.3	169.3	159.9	143.6	123.8	102.4	68.7	30.1				
-40	12.5	21.4	40.4	53.4	62.2	68.7	73.4	75.5	75.5	73.4	68.7	62.2	53.4	40.4	21.4	12.5			
-50		14.5	25.2	33.4	38.7	42.5	45.7	47.5	47.5	45.7	42.5	38.7	33.4	25.2	14.5				
-60	6.2	9.5	16.6	22.2	26.4	30.3	33.7	35.6	35.6	33.7	30.3	26.4	22.2	16.6	9.5	6.2			
-70		5.8	10.2	13.9	17.2	20.6	23.6	25.3	25.3	23.6	20.6	17.2	13.9	10.2	5.8				
-80	1.5	10.1		20.4		29.5		33.3		29.5		20.4		10.1		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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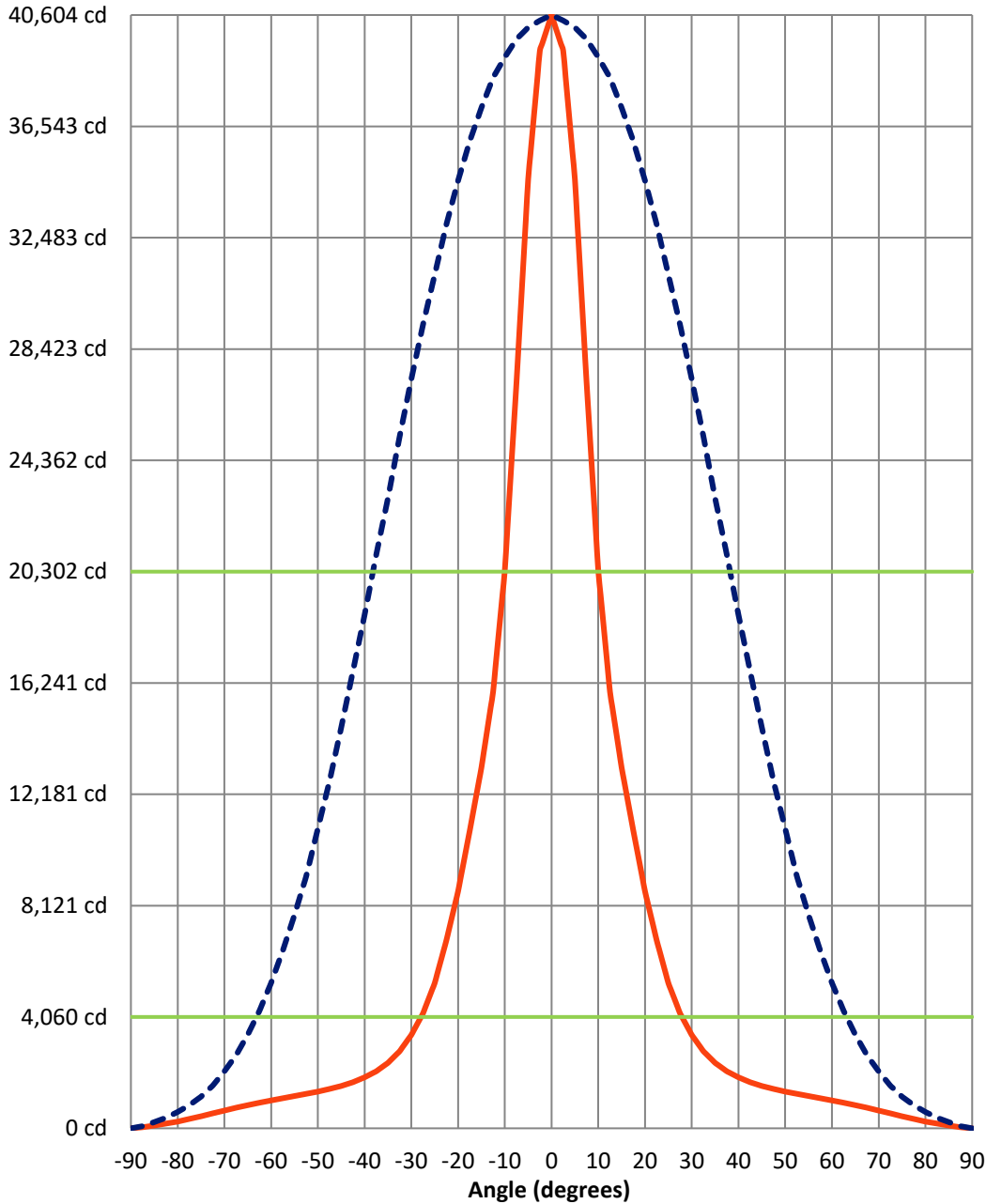
Luminous Intensity Polar Plot



— 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: 11634.7
 Efficiency: 40.0%

Field:
 H Angle: 126.3°
 V Angle: 55.8°
 Lumens: 23833.8
 Efficiency: 82.0%

Spill:
 Lumens: 5245.8
 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	9.6	12.2	14.4	16.2	18.4	20.4	22.2	23.9
85°	0.0	6.8	13.5	19.2	24.3	28.7	32.4	36.7	40.8	44.5	47.8
82.5°	0.0	10.1	20.2	28.8	36.5	43.0	48.6	55.1	62.4	74.4	85.2
80°	0.0	13.5	26.9	38.4	48.6	57.4	66.6	84.7	101.4	116.7	130.5
77.5°	0.0	16.8	33.5	47.9	60.7	76.2	98.0	120.0	140.4	159.0	176.7
75°	0.0	20.1	40.1	57.4	74.5	103.2	129.3	155.1	179.7	204.7	226.0
72.5°	0.0	23.3	46.6	66.8	96.7	130.0	160.4	191.5	223.7	251.7	275.5
70°	0.0	26.5	53.0	77.6	118.7	156.7	192.1	231.8	267.7	299.1	329.8
67.5°	0.0	29.6	59.3	94.4	140.5	183.2	228.3	272.0	311.9	352.9	385.9
65°	0.0	32.7	65.4	111.0	162.1	211.9	264.4	312.0	362.9	407.1	446.0
62.5°	0.0	35.8	71.5	127.4	183.4	242.9	300.3	356.9	414.1	463.8	514.5
60°	0.0	38.7	77.4	143.5	204.4	273.6	336.0	403.9	465.5	528.2	583.4
57.5°	0.0	41.6	87.9	159.3	229.1	304.0	376.5	450.8	523.0	592.7	658.1
55°	0.0	44.4	98.2	174.7	253.7	334.0	417.2	497.4	582.0	659.6	736.9
52.5°	0.0	47.2	108.2	189.9	277.8	364.3	457.3	549.7	640.7	735.5	817.8
50°	0.0	49.8	117.9	204.6	301.5	397.6	496.8	603.0	702.9	812.6	914.0
47.5°	0.0	52.3	127.4	219.8	324.7	430.2	536.8	656.5	773.9	890.9	1015.2
45°	0.0	54.8	136.4	236.8	347.3	462.0	583.1	710.1	846.5	986.4	1120.0
42.5°	0.0	57.1	145.2	253.3	369.4	493.0	629.1	769.5	919.1	1084.3	1239.5
40°	0.0	59.4	153.6	268.7	392.1	523.1	674.5	832.3	996.7	1184.1	1365.1
37.5°	0.0	61.5	161.6	283.0	415.2	552.4	719.5	894.5	1084.7	1288.6	1494.8
35°	0.0	63.5	169.2	296.4	437.5	585.6	763.7	955.7	1172.3	1404.3	1635.3
32.5°	0.0	65.4	176.4	308.9	458.8	620.3	809.0	1015.8	1259.3	1521.6	1790.0
30°	0.0	67.1	183.2	320.5	479.1	653.9	857.5	1077.7	1345.3	1639.9	1948.2
27.5°	0.0	68.7	189.5	331.2	496.0	686.3	904.3	1147.8	1435.4	1758.7	2109.1
25°	0.0	70.2	195.4	340.8	511.5	717.3	949.3	1215.9	1532.5	1887.9	2272.6
22.5°	0.0	71.6	200.8	349.5	525.9	745.1	992.3	1281.5	1627.7	2021.6	2451.3
20°	0.0	72.8	205.7	357.3	539.2	766.2	1033.2	1344.5	1720.5	2153.3	2628.4
17.5°	0.0	73.9	210.2	364.0	551.2	784.7	1064.0	1404.4	1810.2	2282.2	2802.6
15°	0.0	74.9	214.1	369.8	561.8	800.7	1086.9	1451.5	1896.1	2407.0	2972.4
12.5°	0.0	75.7	217.5	374.6	571.2	814.1	1106.6	1482.2	1957.6	2526.5	3136.2
10°	0.0	76.3	220.4	378.5	579.1	824.9	1122.9	1507.6	1996.9	2582.9	3264.0
7.5°	0.0	76.8	222.7	381.3	585.6	833.2	1135.7	1527.7	2028.7	2620.0	3321.9
5°	0.0	77.2	224.5	383.3	590.6	839.0	1145.0	1542.4	2052.7	2645.7	3366.8
2.5°	0.0	77.4	225.7	384.2	594.0	842.3	1150.8	1551.6	2068.8	2660.1	3397.9
0°	0.0	77.5	226.4	384.3	595.9	843.2	1153.0	1555.3	2076.7	2663.6	3414.4
-2.5°	0.0	77.4	225.7	384.2	594.0	842.3	1150.8	1551.6	2068.8	2660.1	3397.9
-5°	0.0	77.2	224.5	383.3	590.6	839.0	1145.0	1542.4	2052.7	2645.7	3366.8
-7.5°	0.0	76.8	222.7	381.3	585.6	833.2	1135.7	1527.7	2028.7	2620.0	3321.9
-10°	0.0	76.3	220.4	378.5	579.1	824.9	1122.9	1507.6	1996.9	2582.9	3264.0
-12.5°	0.0	75.7	217.5	374.6	571.2	814.1	1106.6	1482.2	1957.6	2526.5	3136.2
-15°	0.0	74.9	214.1	369.8	561.8	800.7	1086.9	1451.5	1896.1	2407.0	2972.4
-17.5°	0.0	73.9	210.2	364.0	551.2	784.7	1064.0	1404.4	1810.2	2282.2	2802.6
-20°	0.0	72.8	205.7	357.3	539.2	766.2	1033.2	1344.5	1720.5	2153.3	2628.4



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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	71.6	200.8	349.5	525.9	745.1	992.3	1281.5	1627.7	2021.6	2451.3
-25°	0.0	70.2	195.4	340.8	511.5	717.3	949.3	1215.9	1532.5	1887.9	2272.6
-27.5°	0.0	68.7	189.5	331.2	496.0	686.3	904.3	1147.8	1435.4	1758.7	2109.1
-30°	0.0	67.1	183.2	320.5	479.1	653.9	857.5	1077.7	1345.3	1639.9	1948.2
-32.5°	0.0	65.4	176.4	308.9	458.8	620.3	809.0	1015.8	1259.3	1521.6	1790.0
-35°	0.0	63.5	169.2	296.4	437.5	585.6	763.7	955.7	1172.3	1404.3	1635.3
-37.5°	0.0	61.5	161.6	283.0	415.2	552.4	719.5	894.5	1084.7	1288.6	1494.8
-40°	0.0	59.4	153.6	268.7	392.1	523.1	674.5	832.3	996.7	1184.1	1365.1
-42.5°	0.0	57.1	145.2	253.3	369.4	493.0	629.1	769.5	919.1	1084.3	1239.5
-45°	0.0	54.8	136.4	236.8	347.3	462.0	583.1	710.1	846.5	986.4	1120.0
-47.5°	0.0	52.3	127.4	219.8	324.7	430.2	536.8	656.5	773.9	890.9	1015.2
-50°	0.0	49.8	117.9	204.6	301.5	397.6	496.8	603.0	702.9	812.6	914.0
-52.5°	0.0	47.2	108.2	189.9	277.8	364.3	457.3	549.7	640.7	735.5	817.8
-55°	0.0	44.4	98.2	174.7	253.7	334.0	417.2	497.4	582.0	659.6	736.9
-57.5°	0.0	41.6	87.9	159.3	229.1	304.0	376.5	450.8	523.0	592.7	658.1
-60°	0.0	38.7	77.4	143.5	204.4	273.6	336.0	403.9	465.5	528.2	583.4
-62.5°	0.0	35.8	71.5	127.4	183.4	242.9	300.3	356.9	414.1	463.8	514.5
-65°	0.0	32.7	65.4	111.0	162.1	211.9	264.4	312.0	362.9	407.1	446.0
-67.5°	0.0	29.6	59.3	94.4	140.5	183.2	228.3	272.0	311.9	352.9	385.9
-70°	0.0	26.5	53.0	77.6	118.7	156.7	192.1	231.8	267.7	299.1	329.8
-72.5°	0.0	23.3	46.6	66.8	96.7	130.0	160.4	191.5	223.7	251.7	275.5
-75°	0.0	20.1	40.1	57.4	74.5	103.2	129.3	155.1	179.7	204.7	226.0
-77.5°	0.0	16.8	33.5	47.9	60.7	76.2	98.0	120.0	140.4	159.0	176.7
-80°	0.0	13.5	26.9	38.4	48.6	57.4	66.6	84.7	101.4	116.7	130.5
-82.5°	0.0	10.1	20.2	28.8	36.5	43.0	48.6	55.1	62.4	74.4	85.2
-85°	0.0	6.8	13.5	19.2	24.3	28.7	32.4	36.7	40.8	44.5	47.8
-87.5°	0.0	3.4	6.8	9.6	12.2	14.4	16.2	18.4	20.4	22.2	23.9
-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°	25.8	27.5	29.2	30.7	32.2	33.5	34.7	35.9	37.4	38.8	40.2
85°	51.6	55.1	61.0	65.9	70.4	74.3	77.6	80.3	83.2	85.6	87.4
82.5°	94.8	102.8	109.2	114.0	119.4	124.2	128.3	131.8	135.5	138.9	141.9
80°	141.8	150.8	160.1	168.2	176.1	182.1	185.8	187.4	192.1	198.1	204.3
77.5°	192.2	205.9	217.9	228.3	236.8	244.3	249.6	252.8	260.4	269.0	276.6
75°	244.5	261.1	277.8	292.5	304.1	312.6	318.9	324.0	333.0	344.4	354.1
72.5°	298.9	321.4	341.2	358.2	373.8	385.6	394.4	400.2	409.2	422.6	433.4
70°	356.3	382.0	408.8	430.7	447.3	461.3	472.8	480.9	489.0	502.6	512.7
67.5°	415.6	452.3	482.0	505.2	523.7	540.8	554.0	562.6	566.2	579.9	591.3
65°	485.5	524.8	557.9	584.0	602.4	623.6	638.3	645.6	647.9	662.8	676.8
62.5°	556.8	600.2	636.5	666.4	690.4	710.6	727.0	736.2	737.8	748.8	764.9
60°	632.8	677.3	720.4	756.5	782.2	802.9	820.7	830.5	832.5	836.9	855.4
57.5°	712.1	760.1	810.5	851.0	880.9	898.1	917.5	928.3	932.6	930.0	949.0
55°	798.3	848.2	905.1	952.2	984.3	999.8	1018.0	1033.5	1038.8	1035.4	1046.7
52.5°	896.0	945.7	1006.4	1058.2	1093.8	1112.5	1125.4	1144.1	1152.6	1148.8	1146.6
50°	998.6	1061.2	1111.3	1170.5	1213.6	1238.2	1238.6	1261.8	1273.0	1269.6	1254.2
47.5°	1114.8	1185.4	1223.3	1291.1	1347.2	1376.2	1378.1	1387.4	1401.2	1404.8	1391.7
45°	1240.4	1326.5	1367.2	1427.9	1490.6	1526.1	1536.8	1520.2	1544.9	1552.6	1544.3
42.5°	1372.6	1482.4	1546.8	1571.4	1644.5	1693.8	1712.8	1701.1	1699.9	1717.1	1716.8
40°	1525.3	1651.4	1748.2	1773.8	1810.7	1878.7	1919.0	1916.8	1871.6	1903.8	1912.1
37.5°	1688.6	1852.5	1972.1	2025.3	1997.3	2088.0	2147.0	2170.8	2142.7	2111.0	2147.1
35°	1860.4	2067.6	2228.7	2319.4	2323.4	2321.3	2413.7	2463.2	2466.5	2408.7	2421.8
32.5°	2052.7	2295.9	2509.4	2656.0	2722.6	2681.5	2705.5	2809.4	2860.4	2838.4	2755.1
30°	2259.1	2557.6	2819.4	3026.2	3175.0	3218.8	3119.7	3200.8	3313.7	3358.8	3322.6
27.5°	2468.0	2835.3	3167.2	3453.9	3684.4	3830.5	3834.0	3708.6	3836.7	3945.3	3987.3
25°	2680.1	3113.2	3536.1	3924.7	4273.5	4524.7	4640.2	4653.6	4474.6	4637.4	4789.0
22.5°	2906.2	3399.1	3901.0	4426.0	4912.1	5280.9	5561.1	5729.9	5724.4	5553.6	5686.9
20°	3145.5	3710.3	4294.6	4917.5	5580.5	6087.4	6556.9	6916.0	7132.3	7204.1	7064.1
17.5°	3384.3	4024.2	4708.0	5449.8	6217.0	6919.6	7623.3	8196.4	8650.4	9023.1	9156.5
15°	3620.2	4337.4	5122.9	5985.8	6872.2	7751.7	8656.5	9534.1	10306.8	10988.8	11393.1
12.5°	3850.6	4646.3	5534.6	6519.3	7536.6	8595.3	9674.9	10744.1	11857.1	12961.9	13801.5
10°	4072.7	4947.1	5937.7	7043.5	8200.4	9438.6	10691.5	11960.4	13312.5	14615.4	15869.7
7.5°	4167.7	5143.8	6285.0	7551.3	8853.0	10268.9	11692.7	13165.8	14745.7	16265.9	17797.6
5°	4226.3	5221.8	6382.6	7701.8	9150.0	10810.7	12509.6	14334.4	16137.1	17887.5	19692.3
2.5°	4265.2	5275.2	6447.8	7761.3	9194.2	10899.8	12620.0	14514.6	16537.4	18561.1	20709.8
0°	4284.4	5303.4	6480.3	7779.3	9188.6	10928.6	12662.6	14617.1	16667.0	18725.7	20924.6
-2.5°	4265.2	5275.2	6447.8	7761.3	9194.2	10899.8	12620.0	14514.6	16537.4	18561.1	20709.8
-5°	4226.3	5221.8	6382.6	7701.8	9150.0	10810.7	12509.6	14334.4	16137.1	17887.5	19692.3
-7.5°	4167.7	5143.8	6285.0	7551.3	8853.0	10268.9	11692.7	13165.8	14745.7	16265.9	17797.6
-10°	4072.7	4947.1	5937.7	7043.5	8200.4	9438.6	10691.5	11960.4	13312.5	14615.4	15869.7
-12.5°	3850.6	4646.3	5534.6	6519.3	7536.6	8595.3	9674.9	10744.1	11857.1	12961.9	13801.5
-15°	3620.2	4337.4	5122.9	5985.8	6872.2	7751.7	8656.5	9534.1	10306.8	10988.8	11393.1
-17.5°	3384.3	4024.2	4708.0	5449.8	6217.0	6919.6	7623.3	8196.4	8650.4	9023.1	9156.5
-20°	3145.5	3710.3	4294.6	4917.5	5580.5	6087.4	6556.9	6916.0	7132.3	7204.1	7064.1



REPORT NUMBER: P559214 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-935-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°	2906.2	3399.1	3901.0	4426.0	4912.1	5280.9	5561.1	5729.9	5724.4	5553.6	5686.9
-25°	2680.1	3113.2	3536.1	3924.7	4273.5	4524.7	4640.2	4653.6	4474.6	4637.4	4789.0
-27.5°	2468.0	2835.3	3167.2	3453.9	3684.4	3830.5	3834.0	3708.6	3836.7	3945.3	3987.3
-30°	2259.1	2557.6	2819.4	3026.2	3175.0	3218.8	3119.7	3200.8	3313.7	3358.8	3322.6
-32.5°	2052.7	2295.9	2509.4	2656.0	2722.6	2681.5	2705.5	2809.4	2860.4	2838.4	2755.1
-35°	1860.4	2067.6	2228.7	2319.4	2323.4	2321.3	2413.7	2463.2	2466.5	2408.7	2421.8
-37.5°	1688.6	1852.5	1972.1	2025.3	1997.3	2088.0	2147.0	2170.8	2142.7	2111.0	2147.1
-40°	1525.3	1651.4	1748.2	1773.8	1810.7	1878.7	1919.0	1916.8	1871.6	1903.8	1912.1
-42.5°	1372.6	1482.4	1546.8	1571.4	1644.5	1693.8	1712.8	1701.1	1699.9	1717.1	1716.8
-45°	1240.4	1326.5	1367.2	1427.9	1490.6	1526.1	1536.8	1520.2	1544.9	1552.6	1544.3
-47.5°	1114.8	1185.4	1223.3	1291.1	1347.2	1376.2	1378.1	1387.4	1401.2	1404.8	1391.7
-50°	998.6	1061.2	1111.3	1170.5	1213.6	1238.2	1238.6	1261.8	1273.0	1269.6	1254.2
-52.5°	896.0	945.7	1006.4	1058.2	1093.8	1112.5	1125.4	1144.1	1152.6	1148.8	1146.6
-55°	798.3	848.2	905.1	952.2	984.3	999.8	1018.0	1033.5	1038.8	1035.4	1046.7
-57.5°	712.1	760.1	810.5	851.0	880.9	898.1	917.5	928.3	932.6	930.0	949.0
-60°	632.8	677.3	720.4	756.5	782.2	802.9	820.7	830.5	832.5	836.9	855.4
-62.5°	556.8	600.2	636.5	666.4	690.4	710.6	727.0	736.2	737.8	748.8	764.9
-65°	485.5	524.8	557.9	584.0	602.4	623.6	638.3	645.6	647.9	662.8	676.8
-67.5°	415.6	452.3	482.0	505.2	523.7	540.8	554.0	562.6	566.2	579.9	591.3
-70°	356.3	382.0	408.8	430.7	447.3	461.3	472.8	480.9	489.0	502.6	512.7
-72.5°	298.9	321.4	341.2	358.2	373.8	385.6	394.4	400.2	409.2	422.6	433.4
-75°	244.5	261.1	277.8	292.5	304.1	312.6	318.9	324.0	333.0	344.4	354.1
-77.5°	192.2	205.9	217.9	228.3	236.8	244.3	249.6	252.8	260.4	269.0	276.6
-80°	141.8	150.8	160.1	168.2	176.1	182.1	185.8	187.4	192.1	198.1	204.3
-82.5°	94.8	102.8	109.2	114.0	119.4	124.2	128.3	131.8	135.5	138.9	141.9
-85°	51.6	55.1	61.0	65.9	70.4	74.3	77.6	80.3	83.2	85.6	87.4
-87.5°	25.8	27.5	29.2	30.7	32.2	33.5	34.7	35.9	37.4	38.8	40.2
-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: P559214 (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°	41.5	40.9	40.0	39.0	37.8	37.8	37.8	37.6	37.4	37.1	36.7
85°	88.7	90.4	92.0	93.6	95.0	96.6	97.9	99.0	99.8	99.7	99.4
82.5°	144.4	149.2	154.1	158.6	162.9	165.2	166.8	168.0	168.6	169.9	171.0
80°	209.6	216.7	223.3	228.7	233.1	236.4	239.1	241.3	242.8	244.6	245.7
77.5°	283.6	291.5	299.1	305.7	311.4	316.8	321.3	324.9	327.6	331.7	335.5
75°	362.2	371.2	380.5	389.0	396.4	404.2	411.9	419.0	425.3	430.7	434.7
72.5°	441.7	451.2	462.7	473.4	483.3	493.9	504.3	513.4	521.2	528.7	535.3
70°	520.3	529.1	543.9	558.2	571.5	584.2	596.7	607.9	617.8	627.4	636.1
67.5°	601.4	610.6	629.0	645.5	660.3	674.2	688.8	701.8	713.2	723.3	732.1
65°	687.9	696.0	715.9	734.0	749.7	762.7	778.4	792.7	805.3	816.5	825.9
62.5°	777.3	785.5	801.9	819.8	834.6	847.2	865.7	881.7	895.3	906.6	916.1
60°	868.1	875.1	887.8	907.4	924.1	937.8	954.1	969.7	982.9	994.0	1004.0
57.5°	962.4	969.5	975.6	995.3	1011.4	1023.8	1038.1	1053.3	1066.1	1076.6	1086.9
55°	1059.8	1065.3	1063.4	1081.6	1096.6	1106.8	1117.4	1133.6	1146.2	1155.6	1165.0
52.5°	1159.4	1165.9	1161.4	1169.1	1185.5	1194.7	1199.3	1216.7	1229.7	1238.1	1246.7
50°	1270.2	1275.5	1271.4	1267.0	1283.0	1292.5	1295.1	1309.2	1321.0	1327.5	1333.6
47.5°	1390.5	1396.9	1393.7	1376.3	1390.5	1402.6	1402.9	1408.9	1421.2	1426.1	1429.8
45°	1521.3	1533.7	1531.0	1518.9	1517.0	1529.3	1528.1	1523.3	1537.4	1543.7	1545.7
42.5°	1692.9	1688.9	1692.7	1685.7	1664.1	1678.0	1679.8	1662.1	1679.8	1687.5	1683.0
40°	1903.0	1864.6	1885.7	1882.6	1862.4	1859.4	1870.3	1855.9	1858.6	1869.5	1861.1
37.5°	2152.8	2125.5	2114.0	2123.5	2117.6	2091.7	2112.3	2107.2	2090.9	2109.3	2101.2
35°	2460.5	2452.3	2390.5	2428.1	2435.9	2411.3	2418.4	2429.0	2393.6	2421.5	2418.6
32.5°	2820.2	2838.4	2825.1	2802.0	2837.1	2841.5	2800.9	2849.7	2830.0	2837.0	2856.2
30°	3227.5	3321.0	3366.5	3325.8	3347.7	3391.2	3371.3	3405.2	3421.4	3395.9	3444.0
27.5°	3939.2	3906.0	4015.0	4062.4	4011.7	4091.1	4148.7	4123.2	4207.4	4157.6	4228.8
25°	4843.6	4794.9	4824.1	4980.8	5015.7	4975.4	5137.8	5156.9	5223.8	5231.9	5281.6
22.5°	5906.2	6023.8	6010.1	6057.8	6254.7	6320.6	6380.5	6536.8	6501.2	6642.8	6667.3
20°	7094.3	7389.9	7593.5	7636.3	7720.5	7946.9	8050.7	8174.0	8256.8	8390.8	8504.1
17.5°	9104.2	8952.7	9352.1	9603.0	9734.9	9782.0	10054.8	10143.7	10348.6	10465.6	10581.8
15°	11684.7	11773.0	11592.7	11831.8	12235.9	12372.3	12215.5	12581.7	12684.7	12881.9	12916.7
12.5°	14442.9	14889.4	15108.3	15167.8	14956.6	15531.3	15761.5	15472.5	15800.4	15741.3	16011.0
10°	17074.7	18159.6	18808.9	19265.7	19543.4	19710.7	19876.9	20175.6	20180.8	20402.1	20272.9
7.5°	19235.4	20610.8	21924.8	23199.5	24219.2	24790.7	25239.5	25670.0	26244.4	26519.5	26698.2
5°	21349.2	22936.2	24508.4	26053.6	27452.8	28799.0	30118.3	31262.8	31869.3	32578.1	33210.0
2.5°	22716.5	24723.8	26731.7	28720.5	30337.3	31820.8	33194.0	34469.5	35588.3	36623.3	37497.3
0°	22983.4	25229.9	27324.4	29308.7	31129.1	32961.5	34561.4	36003.5	37222.1	38321.5	39063.4
-2.5°	22716.5	24723.8	26731.7	28720.5	30337.3	31820.8	33194.0	34469.5	35588.3	36623.3	37497.3
-5°	21349.2	22936.2	24508.4	26053.6	27452.8	28799.0	30118.3	31262.8	31869.3	32578.1	33210.0
-7.5°	19235.4	20610.8	21924.8	23199.5	24219.2	24790.7	25239.5	25670.0	26244.4	26519.5	26698.2
-10°	17074.7	18159.6	18808.9	19265.7	19543.4	19710.7	19876.9	20175.6	20180.8	20402.1	20272.9
-12.5°	14442.9	14889.4	15108.3	15167.8	14956.6	15531.3	15761.5	15472.5	15800.4	15741.3	16011.0
-15°	11684.7	11773.0	11592.7	11831.8	12235.9	12372.3	12215.5	12581.7	12684.7	12881.9	12916.7
-17.5°	9104.2	8952.7	9352.1	9603.0	9734.9	9782.0	10054.8	10143.7	10348.6	10465.6	10581.8
-20°	7094.3	7389.9	7593.5	7636.3	7720.5	7946.9	8050.7	8174.0	8256.8	8390.8	8504.1



REPORT NUMBER: P559214 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5906.2	6023.8	6010.1	6057.8	6254.7	6320.6	6380.5	6536.8	6501.2	6642.8	6667.3
-25°	4843.6	4794.9	4824.1	4980.8	5015.7	4975.4	5137.8	5156.9	5223.8	5231.9	5281.6
-27.5°	3939.2	3906.0	4015.0	4062.4	4011.7	4091.1	4148.7	4123.2	4207.4	4157.6	4228.8
-30°	3227.5	3321.0	3366.5	3325.8	3347.7	3391.2	3371.3	3405.2	3421.4	3395.9	3444.0
-32.5°	2820.2	2838.4	2825.1	2802.0	2837.1	2841.5	2800.9	2849.7	2830.0	2837.0	2856.2
-35°	2460.5	2452.3	2390.5	2428.1	2435.9	2411.3	2418.4	2429.0	2393.6	2421.5	2418.6
-37.5°	2152.8	2125.5	2114.0	2123.5	2117.6	2091.7	2112.3	2107.2	2090.9	2109.3	2101.2
-40°	1903.0	1864.6	1885.7	1882.6	1862.4	1859.4	1870.3	1855.9	1858.6	1869.5	1861.1
-42.5°	1692.9	1688.9	1692.7	1685.7	1664.1	1678.0	1679.8	1662.1	1679.8	1687.5	1683.0
-45°	1521.3	1533.7	1531.0	1518.9	1517.0	1529.3	1528.1	1523.3	1537.4	1543.7	1545.7
-47.5°	1390.5	1396.9	1393.7	1376.3	1390.5	1402.6	1402.9	1408.9	1421.2	1426.1	1429.8
-50°	1270.2	1275.5	1271.4	1267.0	1283.0	1292.5	1295.1	1309.2	1321.0	1327.5	1333.6
-52.5°	1159.4	1165.9	1161.4	1169.1	1185.5	1194.7	1199.3	1216.7	1229.7	1238.1	1246.7
-55°	1059.8	1065.3	1063.4	1081.6	1096.6	1106.8	1117.4	1133.6	1146.2	1155.6	1165.0
-57.5°	962.4	969.5	975.6	995.3	1011.4	1023.8	1038.1	1053.3	1066.1	1076.6	1086.9
-60°	868.1	875.1	887.8	907.4	924.1	937.8	954.1	969.7	982.9	994.0	1004.0
-62.5°	777.3	785.5	801.9	819.8	834.6	847.2	865.7	881.7	895.3	906.6	916.1
-65°	687.9	696.0	715.9	734.0	749.7	762.7	778.4	792.7	805.3	816.5	825.9
-67.5°	601.4	610.6	629.0	645.5	660.3	674.2	688.8	701.8	713.2	723.3	732.1
-70°	520.3	529.1	543.9	558.2	571.5	584.2	596.7	607.9	617.8	627.4	636.1
-72.5°	441.7	451.2	462.7	473.4	483.3	493.9	504.3	513.4	521.2	528.7	535.3
-75°	362.2	371.2	380.5	389.0	396.4	404.2	411.9	419.0	425.3	430.7	434.7
-77.5°	283.6	291.5	299.1	305.7	311.4	316.8	321.3	324.9	327.6	331.7	335.5
-80°	209.6	216.7	223.3	228.7	233.1	236.4	239.1	241.3	242.8	244.6	245.7
-82.5°	144.4	149.2	154.1	158.6	162.9	165.2	166.8	168.0	168.6	169.9	171.0
-85°	88.7	90.4	92.0	93.6	95.0	96.6	97.9	99.0	99.8	99.7	99.4
-87.5°	41.5	40.9	40.0	39.0	37.8	37.8	37.8	37.6	37.4	37.1	36.7
-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: P559214 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-935-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°	36.2	35.7	37.2	38.7	37.2	35.7	36.2	36.7	37.1	37.4	37.6
85°	98.7	97.8	99.7	101.3	99.7	97.8	98.7	99.4	99.7	99.8	99.0
82.5°	171.7	172.0	172.6	172.8	172.6	172.0	171.7	171.0	169.9	168.6	168.0
80°	246.3	246.2	245.5	244.3	245.5	246.2	246.3	245.7	244.6	242.8	241.3
77.5°	338.5	340.8	342.1	342.6	342.1	340.8	338.5	335.5	331.7	327.6	324.9
75°	437.4	438.8	439.0	438.0	439.0	438.8	437.4	434.7	430.7	425.3	419.0
72.5°	540.9	545.2	546.0	545.2	546.0	545.2	540.9	535.3	528.7	521.2	513.4
70°	643.3	649.0	648.9	646.5	648.9	649.0	643.3	636.1	627.4	617.8	607.9
67.5°	739.1	744.2	748.3	750.8	748.3	744.2	739.1	732.1	723.3	713.2	701.8
65°	833.5	839.2	842.2	843.2	842.2	839.2	833.5	825.9	816.5	805.3	792.7
62.5°	923.4	928.5	931.6	932.6	931.6	928.5	923.4	916.1	906.6	895.3	881.7
60°	1011.8	1017.4	1018.3	1016.0	1018.3	1017.4	1011.8	1004.0	994.0	982.9	969.7
57.5°	1095.0	1100.8	1100.6	1096.4	1100.6	1100.8	1095.0	1086.9	1076.6	1066.1	1053.3
55°	1171.8	1176.0	1177.6	1176.9	1177.6	1176.0	1171.8	1165.0	1155.6	1146.2	1133.6
52.5°	1253.1	1256.4	1257.8	1257.3	1257.8	1256.4	1253.1	1246.7	1238.1	1229.7	1216.7
50°	1337.9	1338.3	1338.2	1337.8	1338.2	1338.3	1337.9	1333.6	1327.5	1321.0	1309.2
47.5°	1435.0	1435.9	1436.2	1436.1	1436.2	1435.9	1435.0	1429.8	1426.1	1421.2	1408.9
45°	1549.6	1546.4	1543.1	1543.3	1543.1	1546.4	1549.6	1545.7	1543.7	1537.4	1523.3
42.5°	1687.2	1683.6	1679.4	1680.4	1679.4	1683.6	1687.2	1683.0	1687.5	1679.8	1662.1
40°	1868.4	1867.5	1861.4	1859.2	1861.4	1867.5	1868.4	1861.1	1869.5	1858.6	1855.9
37.5°	2102.5	2099.0	2085.4	2079.6	2085.4	2099.0	2102.5	2101.2	2109.3	2090.9	2107.2
35°	2410.3	2405.7	2384.9	2386.5	2384.9	2405.7	2410.3	2418.6	2421.5	2393.6	2429.0
32.5°	2846.6	2848.2	2816.8	2809.6	2816.8	2848.2	2846.6	2856.2	2837.0	2830.0	2849.7
30°	3414.2	3426.6	3389.7	3405.5	3389.7	3426.6	3414.2	3444.0	3395.9	3421.4	3405.2
27.5°	4227.5	4251.2	4218.5	4192.1	4218.5	4251.2	4227.5	4228.8	4157.6	4207.4	4123.2
25°	5346.9	5364.6	5327.2	5294.5	5327.2	5364.6	5346.9	5281.6	5231.9	5223.8	5156.9
22.5°	6804.0	6802.9	6801.0	6852.7	6801.0	6802.9	6804.0	6667.3	6642.8	6501.2	6536.8
20°	8577.3	8534.3	8598.7	8640.4	8598.7	8534.3	8577.3	8504.1	8390.8	8256.8	8174.0
17.5°	10608.7	10689.2	10751.0	10854.1	10751.0	10689.2	10608.7	10581.8	10465.6	10348.6	10143.7
15°	13004.1	13125.6	13187.4	13154.2	13187.4	13125.6	13004.1	12916.7	12881.9	12684.7	12581.7
12.5°	16020.5	16165.5	16058.4	15925.1	16058.4	16165.5	16020.5	16011.0	15741.3	15800.4	15472.5
10°	20274.8	20587.1	20604.6	20343.6	20604.6	20587.1	20274.8	20272.9	20402.1	20180.8	20175.6
7.5°	26802.2	26953.9	27184.5	27196.3	27184.5	26953.9	26802.2	26698.2	26519.5	26244.4	25670.0
5°	33496.4	33900.7	34161.4	34612.1	34161.4	33900.7	33496.4	33210.0	32578.1	31869.3	31262.8
2.5°	38061.8	38584.5	38785.1	39295.8	38785.1	38584.5	38061.8	37497.3	36623.3	35588.3	34469.5
0°	39724.8	40147.9	40401.1	40603.7	40401.1	40147.9	39724.8	39063.4	38321.5	37222.1	36003.5
-2.5°	38061.8	38584.5	38785.1	39295.8	38785.1	38584.5	38061.8	37497.3	36623.3	35588.3	34469.5
-5°	33496.4	33900.7	34161.4	34612.1	34161.4	33900.7	33496.4	33210.0	32578.1	31869.3	31262.8
-7.5°	26802.2	26953.9	27184.5	27196.3	27184.5	26953.9	26802.2	26698.2	26519.5	26244.4	25670.0
-10°	20274.8	20587.1	20604.6	20343.6	20604.6	20587.1	20274.8	20272.9	20402.1	20180.8	20175.6
-12.5°	16020.5	16165.5	16058.4	15925.1	16058.4	16165.5	16020.5	16011.0	15741.3	15800.4	15472.5
-15°	13004.1	13125.6	13187.4	13154.2	13187.4	13125.6	13004.1	12916.7	12881.9	12684.7	12581.7
-17.5°	10608.7	10689.2	10751.0	10854.1	10751.0	10689.2	10608.7	10581.8	10465.6	10348.6	10143.7
-20°	8577.3	8534.3	8598.7	8640.4	8598.7	8534.3	8577.3	8504.1	8390.8	8256.8	8174.0



REPORT NUMBER: P559214 (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°	6804.0	6802.9	6801.0	6852.7	6801.0	6802.9	6804.0	6667.3	6642.8	6501.2	6536.8
-25°	5346.9	5364.6	5327.2	5294.5	5327.2	5364.6	5346.9	5281.6	5231.9	5223.8	5156.9
-27.5°	4227.5	4251.2	4218.5	4192.1	4218.5	4251.2	4227.5	4228.8	4157.6	4207.4	4123.2
-30°	3414.2	3426.6	3389.7	3405.5	3389.7	3426.6	3414.2	3444.0	3395.9	3421.4	3405.2
-32.5°	2846.6	2848.2	2816.8	2809.6	2816.8	2848.2	2846.6	2856.2	2837.0	2830.0	2849.7
-35°	2410.3	2405.7	2384.9	2386.5	2384.9	2405.7	2410.3	2418.6	2421.5	2393.6	2429.0
-37.5°	2102.5	2099.0	2085.4	2079.6	2085.4	2099.0	2102.5	2101.2	2109.3	2090.9	2107.2
-40°	1868.4	1867.5	1861.4	1859.2	1861.4	1867.5	1868.4	1861.1	1869.5	1858.6	1855.9
-42.5°	1687.2	1683.6	1679.4	1680.4	1679.4	1683.6	1687.2	1683.0	1687.5	1679.8	1662.1
-45°	1549.6	1546.4	1543.1	1543.3	1543.1	1546.4	1549.6	1545.7	1543.7	1537.4	1523.3
-47.5°	1435.0	1435.9	1436.2	1436.1	1436.2	1435.9	1435.0	1429.8	1426.1	1421.2	1408.9
-50°	1337.9	1338.3	1338.2	1337.8	1338.2	1338.3	1337.9	1333.6	1327.5	1321.0	1309.2
-52.5°	1253.1	1256.4	1257.8	1257.3	1257.8	1256.4	1253.1	1246.7	1238.1	1229.7	1216.7
-55°	1171.8	1176.0	1177.6	1176.9	1177.6	1176.0	1171.8	1165.0	1155.6	1146.2	1133.6
-57.5°	1095.0	1100.8	1100.6	1096.4	1100.6	1100.8	1095.0	1086.9	1076.6	1066.1	1053.3
-60°	1011.8	1017.4	1018.3	1016.0	1018.3	1017.4	1011.8	1004.0	994.0	982.9	969.7
-62.5°	923.4	928.5	931.6	932.6	931.6	928.5	923.4	916.1	906.6	895.3	881.7
-65°	833.5	839.2	842.2	843.2	842.2	839.2	833.5	825.9	816.5	805.3	792.7
-67.5°	739.1	744.2	748.3	750.8	748.3	744.2	739.1	732.1	723.3	713.2	701.8
-70°	643.3	649.0	648.9	646.5	648.9	649.0	643.3	636.1	627.4	617.8	607.9
-72.5°	540.9	545.2	546.0	545.2	546.0	545.2	540.9	535.3	528.7	521.2	513.4
-75°	437.4	438.8	439.0	438.0	439.0	438.8	437.4	434.7	430.7	425.3	419.0
-77.5°	338.5	340.8	342.1	342.6	342.1	340.8	338.5	335.5	331.7	327.6	324.9
-80°	246.3	246.2	245.5	244.3	245.5	246.2	246.3	245.7	244.6	242.8	241.3
-82.5°	171.7	172.0	172.6	172.8	172.6	172.0	171.7	171.0	169.9	168.6	168.0
-85°	98.7	97.8	99.7	101.3	99.7	97.8	98.7	99.4	99.7	99.8	99.0
-87.5°	36.2	35.7	37.2	38.7	37.2	35.7	36.2	36.7	37.1	37.4	37.6
-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°	37.8	37.8	37.8	39.0	40.0	40.9	41.5	40.2	38.8	37.4	35.9
85°	97.9	96.6	95.0	93.6	92.0	90.4	88.7	87.4	85.6	83.2	80.3
82.5°	166.8	165.2	162.9	158.6	154.1	149.2	144.4	141.9	138.9	135.5	131.8
80°	239.1	236.4	233.1	228.7	223.3	216.7	209.6	204.3	198.1	192.1	187.4
77.5°	321.3	316.8	311.4	305.7	299.1	291.5	283.6	276.6	269.0	260.4	252.8
75°	411.9	404.2	396.4	389.0	380.5	371.2	362.2	354.1	344.4	333.0	324.0
72.5°	504.3	493.9	483.3	473.4	462.7	451.2	441.7	433.4	422.6	409.2	400.2
70°	596.7	584.2	571.5	558.2	543.9	529.1	520.3	512.7	502.6	489.0	480.9
67.5°	688.8	674.2	660.3	645.5	629.0	610.6	601.4	591.3	579.9	566.2	562.6
65°	778.4	762.7	749.7	734.0	715.9	696.0	687.9	676.8	662.8	647.9	645.6
62.5°	865.7	847.2	834.6	819.8	801.9	785.5	777.3	764.9	748.8	737.8	736.2
60°	954.1	937.8	924.1	907.4	887.8	875.1	868.1	855.4	836.9	832.5	830.5
57.5°	1038.1	1023.8	1011.4	995.3	975.6	969.5	962.4	949.0	930.0	932.6	928.3
55°	1117.4	1106.8	1096.6	1081.6	1063.4	1065.3	1059.8	1046.7	1035.4	1038.8	1033.5
52.5°	1199.3	1194.7	1185.5	1169.1	1161.4	1165.9	1159.4	1146.6	1148.8	1152.6	1144.1
50°	1295.1	1292.5	1283.0	1267.0	1271.4	1275.5	1270.2	1254.2	1269.6	1273.0	1261.8
47.5°	1402.9	1402.6	1390.5	1376.3	1393.7	1396.9	1390.5	1391.7	1404.8	1401.2	1387.4
45°	1528.1	1529.3	1517.0	1518.9	1531.0	1533.7	1521.3	1544.3	1552.6	1544.9	1520.2
42.5°	1679.8	1678.0	1664.1	1685.7	1692.7	1688.9	1692.9	1716.8	1717.1	1699.9	1701.1
40°	1870.3	1859.4	1862.4	1882.6	1885.7	1864.6	1903.0	1912.1	1903.8	1871.6	1916.8
37.5°	2112.3	2091.7	2117.6	2123.5	2114.0	2125.5	2152.8	2147.1	2111.0	2142.7	2170.8
35°	2418.4	2411.3	2435.9	2428.1	2390.5	2452.3	2460.5	2421.8	2408.7	2466.5	2463.2
32.5°	2800.9	2841.5	2837.1	2802.0	2825.1	2838.4	2820.2	2755.1	2838.4	2860.4	2809.4
30°	3371.3	3391.2	3347.7	3325.8	3366.5	3321.0	3227.5	3322.6	3358.8	3313.7	3200.8
27.5°	4148.7	4091.1	4011.7	4062.4	4015.0	3906.0	3939.2	3987.3	3945.3	3836.7	3708.6
25°	5137.8	4975.4	5015.7	4980.8	4824.1	4794.9	4843.6	4789.0	4637.4	4474.6	4653.6
22.5°	6380.5	6320.6	6254.7	6057.8	6010.1	6023.8	5906.2	5686.9	5553.6	5724.4	5729.9
20°	8050.7	7946.9	7720.5	7636.3	7593.5	7389.9	7094.3	7064.1	7204.1	7132.3	6916.0
17.5°	10054.8	9782.0	9734.9	9603.0	9352.1	8952.7	9104.2	9156.5	9023.1	8650.4	8196.4
15°	12215.5	12372.3	12235.9	11831.8	11592.7	11773.0	11684.7	11393.1	10988.8	10306.8	9534.1
12.5°	15761.5	15531.3	14956.6	15167.8	15108.3	14889.4	14442.9	13801.5	12961.9	11857.1	10744.1
10°	19876.9	19710.7	19543.4	19265.7	18808.9	18159.6	17074.7	15869.7	14615.4	13312.5	11960.4
7.5°	25239.5	24790.7	24219.2	23199.5	21924.8	20610.8	19235.4	17797.6	16265.9	14745.7	13165.8
5°	30118.3	28799.0	27452.8	26053.6	24508.4	22936.2	21349.2	19692.3	17887.5	16137.1	14334.4
2.5°	33194.0	31820.8	30337.3	28720.5	26731.7	24723.8	22716.5	20709.8	18561.1	16537.4	14514.6
0°	34561.4	32961.5	31129.1	29308.7	27324.4	25229.9	22983.4	20924.6	18725.7	16667.0	14617.1
-2.5°	33194.0	31820.8	30337.3	28720.5	26731.7	24723.8	22716.5	20709.8	18561.1	16537.4	14514.6
-5°	30118.3	28799.0	27452.8	26053.6	24508.4	22936.2	21349.2	19692.3	17887.5	16137.1	14334.4
-7.5°	25239.5	24790.7	24219.2	23199.5	21924.8	20610.8	19235.4	17797.6	16265.9	14745.7	13165.8
-10°	19876.9	19710.7	19543.4	19265.7	18808.9	18159.6	17074.7	15869.7	14615.4	13312.5	11960.4
-12.5°	15761.5	15531.3	14956.6	15167.8	15108.3	14889.4	14442.9	13801.5	12961.9	11857.1	10744.1
-15°	12215.5	12372.3	12235.9	11831.8	11592.7	11773.0	11684.7	11393.1	10988.8	10306.8	9534.1
-17.5°	10054.8	9782.0	9734.9	9603.0	9352.1	8952.7	9104.2	9156.5	9023.1	8650.4	8196.4
-20°	8050.7	7946.9	7720.5	7636.3	7593.5	7389.9	7094.3	7064.1	7204.1	7132.3	6916.0



REPORT NUMBER: P559214 (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°	6380.5	6320.6	6254.7	6057.8	6010.1	6023.8	5906.2	5686.9	5553.6	5724.4	5729.9
-25°	5137.8	4975.4	5015.7	4980.8	4824.1	4794.9	4843.6	4789.0	4637.4	4474.6	4653.6
-27.5°	4148.7	4091.1	4011.7	4062.4	4015.0	3906.0	3939.2	3987.3	3945.3	3836.7	3708.6
-30°	3371.3	3391.2	3347.7	3325.8	3366.5	3321.0	3227.5	3322.6	3358.8	3313.7	3200.8
-32.5°	2800.9	2841.5	2837.1	2802.0	2825.1	2838.4	2820.2	2755.1	2838.4	2860.4	2809.4
-35°	2418.4	2411.3	2435.9	2428.1	2390.5	2452.3	2460.5	2421.8	2408.7	2466.5	2463.2
-37.5°	2112.3	2091.7	2117.6	2123.5	2114.0	2125.5	2152.8	2147.1	2111.0	2142.7	2170.8
-40°	1870.3	1859.4	1862.4	1882.6	1885.7	1864.6	1903.0	1912.1	1903.8	1871.6	1916.8
-42.5°	1679.8	1678.0	1664.1	1685.7	1692.7	1688.9	1692.9	1716.8	1717.1	1699.9	1701.1
-45°	1528.1	1529.3	1517.0	1518.9	1531.0	1533.7	1521.3	1544.3	1552.6	1544.9	1520.2
-47.5°	1402.9	1402.6	1390.5	1376.3	1393.7	1396.9	1390.5	1391.7	1404.8	1401.2	1387.4
-50°	1295.1	1292.5	1283.0	1267.0	1271.4	1275.5	1270.2	1254.2	1269.6	1273.0	1261.8
-52.5°	1199.3	1194.7	1185.5	1169.1	1161.4	1165.9	1159.4	1146.6	1148.8	1152.6	1144.1
-55°	1117.4	1106.8	1096.6	1081.6	1063.4	1065.3	1059.8	1046.7	1035.4	1038.8	1033.5
-57.5°	1038.1	1023.8	1011.4	995.3	975.6	969.5	962.4	949.0	930.0	932.6	928.3
-60°	954.1	937.8	924.1	907.4	887.8	875.1	868.1	855.4	836.9	832.5	830.5
-62.5°	865.7	847.2	834.6	819.8	801.9	785.5	777.3	764.9	748.8	737.8	736.2
-65°	778.4	762.7	749.7	734.0	715.9	696.0	687.9	676.8	662.8	647.9	645.6
-67.5°	688.8	674.2	660.3	645.5	629.0	610.6	601.4	591.3	579.9	566.2	562.6
-70°	596.7	584.2	571.5	558.2	543.9	529.1	520.3	512.7	502.6	489.0	480.9
-72.5°	504.3	493.9	483.3	473.4	462.7	451.2	441.7	433.4	422.6	409.2	400.2
-75°	411.9	404.2	396.4	389.0	380.5	371.2	362.2	354.1	344.4	333.0	324.0
-77.5°	321.3	316.8	311.4	305.7	299.1	291.5	283.6	276.6	269.0	260.4	252.8
-80°	239.1	236.4	233.1	228.7	223.3	216.7	209.6	204.3	198.1	192.1	187.4
-82.5°	166.8	165.2	162.9	158.6	154.1	149.2	144.4	141.9	138.9	135.5	131.8
-85°	97.9	96.6	95.0	93.6	92.0	90.4	88.7	87.4	85.6	83.2	80.3
-87.5°	37.8	37.8	37.8	39.0	40.0	40.9	41.5	40.2	38.8	37.4	35.9
-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: P559214 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-935-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°	34.7	33.5	32.2	30.7	29.2	27.5	25.8	23.9	22.2	20.4	18.4
85°	77.6	74.3	70.4	65.9	61.0	55.1	51.6	47.8	44.5	40.8	36.7
82.5°	128.3	124.2	119.4	114.0	109.2	102.8	94.8	85.2	74.4	62.4	55.1
80°	185.8	182.1	176.1	168.2	160.1	150.8	141.8	130.5	116.7	101.4	84.7
77.5°	249.6	244.3	236.8	228.3	217.9	205.9	192.2	176.7	159.0	140.4	120.0
75°	318.9	312.6	304.1	292.5	277.8	261.1	244.5	226.0	204.7	179.7	155.1
72.5°	394.4	385.6	373.8	358.2	341.2	321.4	298.9	275.5	251.7	223.7	191.5
70°	472.8	461.3	447.3	430.7	408.8	382.0	356.3	329.8	299.1	267.7	231.8
67.5°	554.0	540.8	523.7	505.2	482.0	452.3	415.6	385.9	352.9	311.9	272.0
65°	638.3	623.6	602.4	584.0	557.9	524.8	485.5	446.0	407.1	362.9	312.0
62.5°	727.0	710.6	690.4	666.4	636.5	600.2	556.8	514.5	463.8	414.1	356.9
60°	820.7	802.9	782.2	756.5	720.4	677.3	632.8	583.4	528.2	465.5	403.9
57.5°	917.5	898.1	880.9	851.0	810.5	760.1	712.1	658.1	592.7	523.0	450.8
55°	1018.0	999.8	984.3	952.2	905.1	848.2	798.3	736.9	659.6	582.0	497.4
52.5°	1125.4	1112.5	1093.8	1058.2	1006.4	945.7	896.0	817.8	735.5	640.7	549.7
50°	1238.6	1238.2	1213.6	1170.5	1111.3	1061.2	998.6	914.0	812.6	702.9	603.0
47.5°	1378.1	1376.2	1347.2	1291.1	1223.3	1185.4	1114.8	1015.2	890.9	773.9	656.5
45°	1536.8	1526.1	1490.6	1427.9	1367.2	1326.5	1240.4	1120.0	986.4	846.5	710.1
42.5°	1712.8	1693.8	1644.5	1571.4	1546.8	1482.4	1372.6	1239.5	1084.3	919.1	769.5
40°	1919.0	1878.7	1810.7	1773.8	1748.2	1651.4	1525.3	1365.1	1184.1	996.7	832.3
37.5°	2147.0	2088.0	1997.3	2025.3	1972.1	1852.5	1688.6	1494.8	1288.6	1084.7	894.5
35°	2413.7	2321.3	2323.4	2319.4	2228.7	2067.6	1860.4	1635.3	1404.3	1172.3	955.7
32.5°	2705.5	2681.5	2722.6	2656.0	2509.4	2295.9	2052.7	1790.0	1521.6	1259.3	1015.8
30°	3119.7	3218.8	3175.0	3026.2	2819.4	2557.6	2259.1	1948.2	1639.9	1345.3	1077.7
27.5°	3834.0	3830.5	3684.4	3453.9	3167.2	2835.3	2468.0	2109.1	1758.7	1435.4	1147.8
25°	4640.2	4524.7	4273.5	3924.7	3536.1	3113.2	2680.1	2272.6	1887.9	1532.5	1215.9
22.5°	5561.1	5280.9	4912.1	4426.0	3901.0	3399.1	2906.2	2451.3	2021.6	1627.7	1281.5
20°	6556.9	6087.4	5580.5	4917.5	4294.6	3710.3	3145.5	2628.4	2153.3	1720.5	1344.5
17.5°	7623.3	6919.6	6217.0	5449.8	4708.0	4024.2	3384.3	2802.6	2282.2	1810.2	1404.4
15°	8656.5	7751.7	6872.2	5985.8	5122.9	4337.4	3620.2	2972.4	2407.0	1896.1	1451.5
12.5°	9674.9	8595.3	7536.6	6519.3	5534.6	4646.3	3850.6	3136.2	2526.5	1957.6	1482.2
10°	10691.5	9438.6	8200.4	7043.5	5937.7	4947.1	4072.7	3264.0	2582.9	1996.9	1507.6
7.5°	11692.7	10268.9	8853.0	7551.3	6285.0	5143.8	4167.7	3321.9	2620.0	2028.7	1527.7
5°	12509.6	10810.7	9150.0	7701.8	6382.6	5221.8	4226.3	3366.8	2645.7	2052.7	1542.4
2.5°	12620.0	10899.8	9194.2	7761.3	6447.8	5275.2	4265.2	3397.9	2660.1	2068.8	1551.6
0°	12662.6	10928.6	9188.6	7779.3	6480.3	5303.4	4284.4	3414.4	2663.6	2076.7	1555.3
-2.5°	12620.0	10899.8	9194.2	7761.3	6447.8	5275.2	4265.2	3397.9	2660.1	2068.8	1551.6
-5°	12509.6	10810.7	9150.0	7701.8	6382.6	5221.8	4226.3	3366.8	2645.7	2052.7	1542.4
-7.5°	11692.7	10268.9	8853.0	7551.3	6285.0	5143.8	4167.7	3321.9	2620.0	2028.7	1527.7
-10°	10691.5	9438.6	8200.4	7043.5	5937.7	4947.1	4072.7	3264.0	2582.9	1996.9	1507.6
-12.5°	9674.9	8595.3	7536.6	6519.3	5534.6	4646.3	3850.6	3136.2	2526.5	1957.6	1482.2
-15°	8656.5	7751.7	6872.2	5985.8	5122.9	4337.4	3620.2	2972.4	2407.0	1896.1	1451.5
-17.5°	7623.3	6919.6	6217.0	5449.8	4708.0	4024.2	3384.3	2802.6	2282.2	1810.2	1404.4
-20°	6556.9	6087.4	5580.5	4917.5	4294.6	3710.3	3145.5	2628.4	2153.3	1720.5	1344.5



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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°	5561.1	5280.9	4912.1	4426.0	3901.0	3399.1	2906.2	2451.3	2021.6	1627.7	1281.5
-25°	4640.2	4524.7	4273.5	3924.7	3536.1	3113.2	2680.1	2272.6	1887.9	1532.5	1215.9
-27.5°	3834.0	3830.5	3684.4	3453.9	3167.2	2835.3	2468.0	2109.1	1758.7	1435.4	1147.8
-30°	3119.7	3218.8	3175.0	3026.2	2819.4	2557.6	2259.1	1948.2	1639.9	1345.3	1077.7
-32.5°	2705.5	2681.5	2722.6	2656.0	2509.4	2295.9	2052.7	1790.0	1521.6	1259.3	1015.8
-35°	2413.7	2321.3	2323.4	2319.4	2228.7	2067.6	1860.4	1635.3	1404.3	1172.3	955.7
-37.5°	2147.0	2088.0	1997.3	2025.3	1972.1	1852.5	1688.6	1494.8	1288.6	1084.7	894.5
-40°	1919.0	1878.7	1810.7	1773.8	1748.2	1651.4	1525.3	1365.1	1184.1	996.7	832.3
-42.5°	1712.8	1693.8	1644.5	1571.4	1546.8	1482.4	1372.6	1239.5	1084.3	919.1	769.5
-45°	1536.8	1526.1	1490.6	1427.9	1367.2	1326.5	1240.4	1120.0	986.4	846.5	710.1
-47.5°	1378.1	1376.2	1347.2	1291.1	1223.3	1185.4	1114.8	1015.2	890.9	773.9	656.5
-50°	1238.6	1238.2	1213.6	1170.5	1111.3	1061.2	998.6	914.0	812.6	702.9	603.0
-52.5°	1125.4	1112.5	1093.8	1058.2	1006.4	945.7	896.0	817.8	735.5	640.7	549.7
-55°	1018.0	999.8	984.3	952.2	905.1	848.2	798.3	736.9	659.6	582.0	497.4
-57.5°	917.5	898.1	880.9	851.0	810.5	760.1	712.1	658.1	592.7	523.0	450.8
-60°	820.7	802.9	782.2	756.5	720.4	677.3	632.8	583.4	528.2	465.5	403.9
-62.5°	727.0	710.6	690.4	666.4	636.5	600.2	556.8	514.5	463.8	414.1	356.9
-65°	638.3	623.6	602.4	584.0	557.9	524.8	485.5	446.0	407.1	362.9	312.0
-67.5°	554.0	540.8	523.7	505.2	482.0	452.3	415.6	385.9	352.9	311.9	272.0
-70°	472.8	461.3	447.3	430.7	408.8	382.0	356.3	329.8	299.1	267.7	231.8
-72.5°	394.4	385.6	373.8	358.2	341.2	321.4	298.9	275.5	251.7	223.7	191.5
-75°	318.9	312.6	304.1	292.5	277.8	261.1	244.5	226.0	204.7	179.7	155.1
-77.5°	249.6	244.3	236.8	228.3	217.9	205.9	192.2	176.7	159.0	140.4	120.0
-80°	185.8	182.1	176.1	168.2	160.1	150.8	141.8	130.5	116.7	101.4	84.7
-82.5°	128.3	124.2	119.4	114.0	109.2	102.8	94.8	85.2	74.4	62.4	55.1
-85°	77.6	74.3	70.4	65.9	61.0	55.1	51.6	47.8	44.5	40.8	36.7
-87.5°	34.7	33.5	32.2	30.7	29.2	27.5	25.8	23.9	22.2	20.4	18.4
-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):

	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°	16.2	14.4	12.2	9.6	6.8	3.4	0.0
85°	32.4	28.7	24.3	19.2	13.5	6.8	0.0
82.5°	48.6	43.0	36.5	28.8	20.2	10.1	0.0
80°	66.6	57.4	48.6	38.4	26.9	13.5	0.0
77.5°	98.0	76.2	60.7	47.9	33.5	16.8	0.0
75°	129.3	103.2	74.5	57.4	40.1	20.1	0.0
72.5°	160.4	130.0	96.7	66.8	46.6	23.3	0.0
70°	192.1	156.7	118.7	77.6	53.0	26.5	0.0
67.5°	228.3	183.2	140.5	94.4	59.3	29.6	0.0
65°	264.4	211.9	162.1	111.0	65.4	32.7	0.0
62.5°	300.3	242.9	183.4	127.4	71.5	35.8	0.0
60°	336.0	273.6	204.4	143.5	77.4	38.7	0.0
57.5°	376.5	304.0	229.1	159.3	87.9	41.6	0.0
55°	417.2	334.0	253.7	174.7	98.2	44.4	0.0
52.5°	457.3	364.3	277.8	189.9	108.2	47.2	0.0
50°	496.8	397.6	301.5	204.6	117.9	49.8	0.0
47.5°	536.8	430.2	324.7	219.8	127.4	52.3	0.0
45°	583.1	462.0	347.3	236.8	136.4	54.8	0.0
42.5°	629.1	493.0	369.4	253.3	145.2	57.1	0.0
40°	674.5	523.1	392.1	268.7	153.6	59.4	0.0
37.5°	719.5	552.4	415.2	283.0	161.6	61.5	0.0
35°	763.7	585.6	437.5	296.4	169.2	63.5	0.0
32.5°	809.0	620.3	458.8	308.9	176.4	65.4	0.0
30°	857.5	653.9	479.1	320.5	183.2	67.1	0.0
27.5°	904.3	686.3	496.0	331.2	189.5	68.7	0.0
25°	949.3	717.3	511.5	340.8	195.4	70.2	0.0
22.5°	992.3	745.1	525.9	349.5	200.8	71.6	0.0
20°	1033.2	766.2	539.2	357.3	205.7	72.8	0.0
17.5°	1064.0	784.7	551.2	364.0	210.2	73.9	0.0
15°	1086.9	800.7	561.8	369.8	214.1	74.9	0.0
12.5°	1106.6	814.1	571.2	374.6	217.5	75.7	0.0
10°	1122.9	824.9	579.1	378.5	220.4	76.3	0.0
7.5°	1135.7	833.2	585.6	381.3	222.7	76.8	0.0
5°	1145.0	839.0	590.6	383.3	224.5	77.2	0.0
2.5°	1150.8	842.3	594.0	384.2	225.7	77.4	0.0
0°	1153.0	843.2	595.9	384.3	226.4	77.5	0.0
-2.5°	1150.8	842.3	594.0	384.2	225.7	77.4	0.0
-5°	1145.0	839.0	590.6	383.3	224.5	77.2	0.0
-7.5°	1135.7	833.2	585.6	381.3	222.7	76.8	0.0
-10°	1122.9	824.9	579.1	378.5	220.4	76.3	0.0
-12.5°	1106.6	814.1	571.2	374.6	217.5	75.7	0.0
-15°	1086.9	800.7	561.8	369.8	214.1	74.9	0.0
-17.5°	1064.0	784.7	551.2	364.0	210.2	73.9	0.0
-20°	1033.2	766.2	539.2	357.3	205.7	72.8	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	992.3	745.1	525.9	349.5	200.8	71.6	0.0
-25°	949.3	717.3	511.5	340.8	195.4	70.2	0.0
-27.5°	904.3	686.3	496.0	331.2	189.5	68.7	0.0
-30°	857.5	653.9	479.1	320.5	183.2	67.1	0.0
-32.5°	809.0	620.3	458.8	308.9	176.4	65.4	0.0
-35°	763.7	585.6	437.5	296.4	169.2	63.5	0.0
-37.5°	719.5	552.4	415.2	283.0	161.6	61.5	0.0
-40°	674.5	523.1	392.1	268.7	153.6	59.4	0.0
-42.5°	629.1	493.0	369.4	253.3	145.2	57.1	0.0
-45°	583.1	462.0	347.3	236.8	136.4	54.8	0.0
-47.5°	536.8	430.2	324.7	219.8	127.4	52.3	0.0
-50°	496.8	397.6	301.5	204.6	117.9	49.8	0.0
-52.5°	457.3	364.3	277.8	189.9	108.2	47.2	0.0
-55°	417.2	334.0	253.7	174.7	98.2	44.4	0.0
-57.5°	376.5	304.0	229.1	159.3	87.9	41.6	0.0
-60°	336.0	273.6	204.4	143.5	77.4	38.7	0.0
-62.5°	300.3	242.9	183.4	127.4	71.5	35.8	0.0
-65°	264.4	211.9	162.1	111.0	65.4	32.7	0.0
-67.5°	228.3	183.2	140.5	94.4	59.3	29.6	0.0
-70°	192.1	156.7	118.7	77.6	53.0	26.5	0.0
-72.5°	160.4	130.0	96.7	66.8	46.6	23.3	0.0
-75°	129.3	103.2	74.5	57.4	40.1	20.1	0.0
-77.5°	98.0	76.2	60.7	47.9	33.5	16.8	0.0
-80°	66.6	57.4	48.6	38.4	26.9	13.5	0.0
-82.5°	48.6	43.0	36.5	28.8	20.2	10.1	0.0
-85°	32.4	28.7	24.3	19.2	13.5	6.8	0.0
-87.5°	16.2	14.4	12.2	9.6	6.8	3.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)