

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: P559190 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-940-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559190 (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-SA6C-940-U-NAT-XX
Description: GALLEON FLOOD, SIX LIGHT SQUARE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (96) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

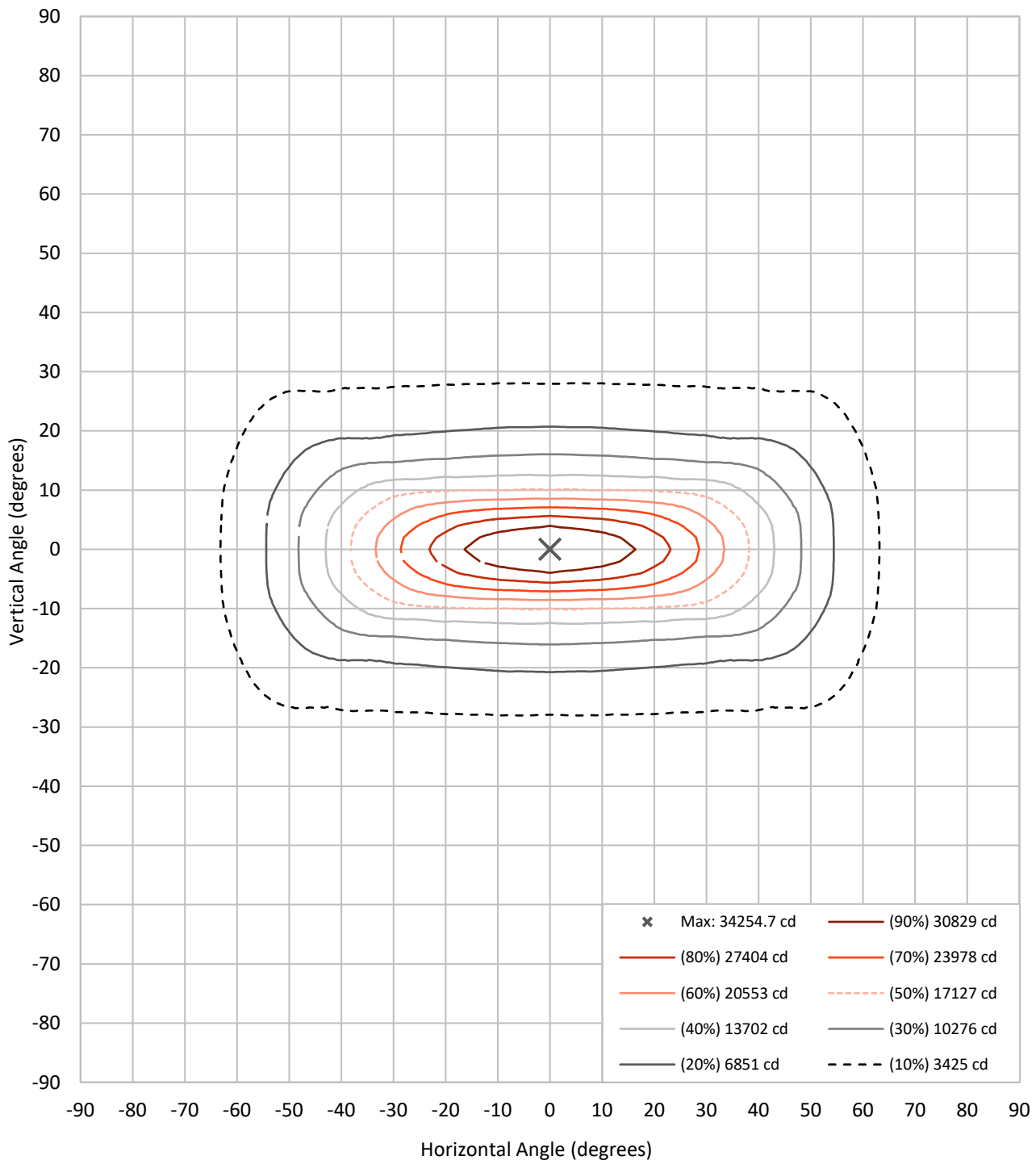
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	24532.6 lumens	Max Intensity:	34254.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	101.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	9815.4 lumens	Field Lumens:	20107 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 241
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





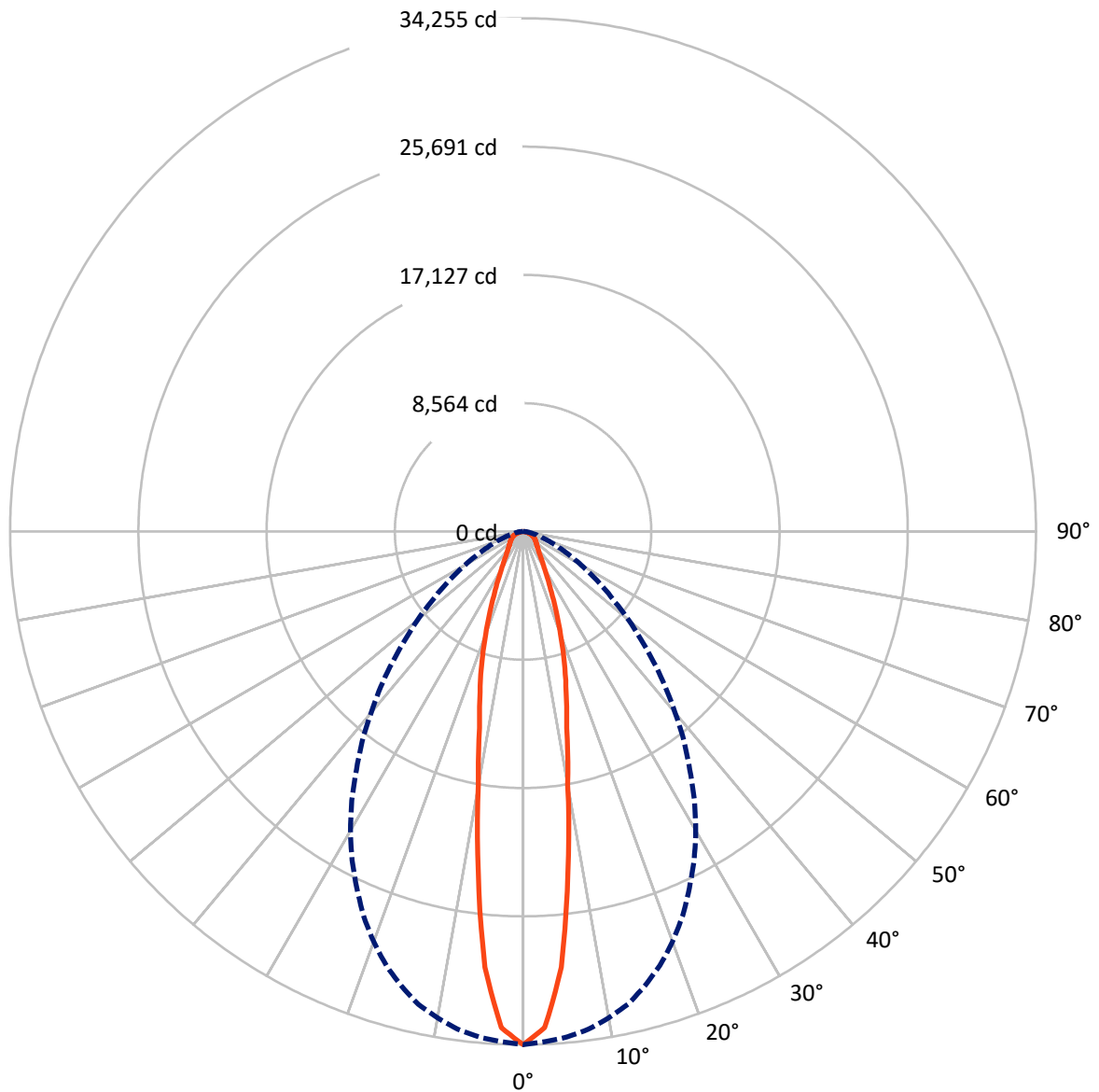
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Lumen Table

90																			
80	1.3	8.5		17.2		24.9		28.1		24.9		17.2		8.5		1.3			
70																			
60	5.3	4.9	8.6	11.8	14.5	17.4	19.9	21.3	21.3	19.9	17.4	14.5	11.8	8.6	4.9	5.3			
50		8.0	14.0	18.7	22.3	25.5	28.4	30.1	30.1	28.4	25.5	22.3	18.7	14.0	8.0				
40	10.5	12.2	21.3	28.2	32.6	35.9	38.6	40.0	40.0	38.6	35.9	32.6	28.2	21.3	12.2	10.5			
30		18.1	34.0	45.0	52.5	58.0	61.9	63.7	63.7	61.9	58.0	52.5	45.0	34.0	18.1				
20	16.2	25.4	58.0	86.4	104.5	121.2	134.9	142.8	142.8	134.9	121.2	104.5	86.4	58.0	25.4	16.2			
10		33.5	89.4	172.1	247.4	294.9	328.3	347.4	347.4	328.3	294.9	247.4	172.1	89.4	33.5				
0	18.5	38.5	114.8	253.5	438.5	622.0	757.0	828.0	828.0	757.0	622.0	438.5	253.5	114.8	38.5	18.5			
-10		38.5	114.8	253.5	438.5	622.0	757.0	828.0	828.0	757.0	622.0	438.5	253.5	114.8	38.5				
-20	16.2	33.5	89.4	172.1	247.4	294.9	328.3	347.4	347.4	328.3	294.9	247.4	172.1	89.4	33.5	16.2			
-30		25.4	58.0	86.4	104.5	121.2	134.9	142.8	142.8	134.9	121.2	104.5	86.4	58.0	25.4				
-40	10.5	18.1	34.0	45.0	52.5	58.0	61.9	63.7	63.7	61.9	58.0	52.5	45.0	34.0	18.1	10.5			
-50		12.2	21.3	28.2	32.6	35.9	38.6	40.0	40.0	38.6	35.9	32.6	28.2	21.3	12.2				
-60	5.3	8.0	14.0	18.7	22.3	25.5	28.4	30.1	30.1	28.4	25.5	22.3	18.7	14.0	8.0	5.3			
-70		4.9	8.6	11.8	14.5	17.4	19.9	21.3	21.3	19.9	17.4	14.5	11.8	8.6	4.9				
-80	1.3	8.5		17.2		24.9		28.1		24.9		17.2		8.5		1.3			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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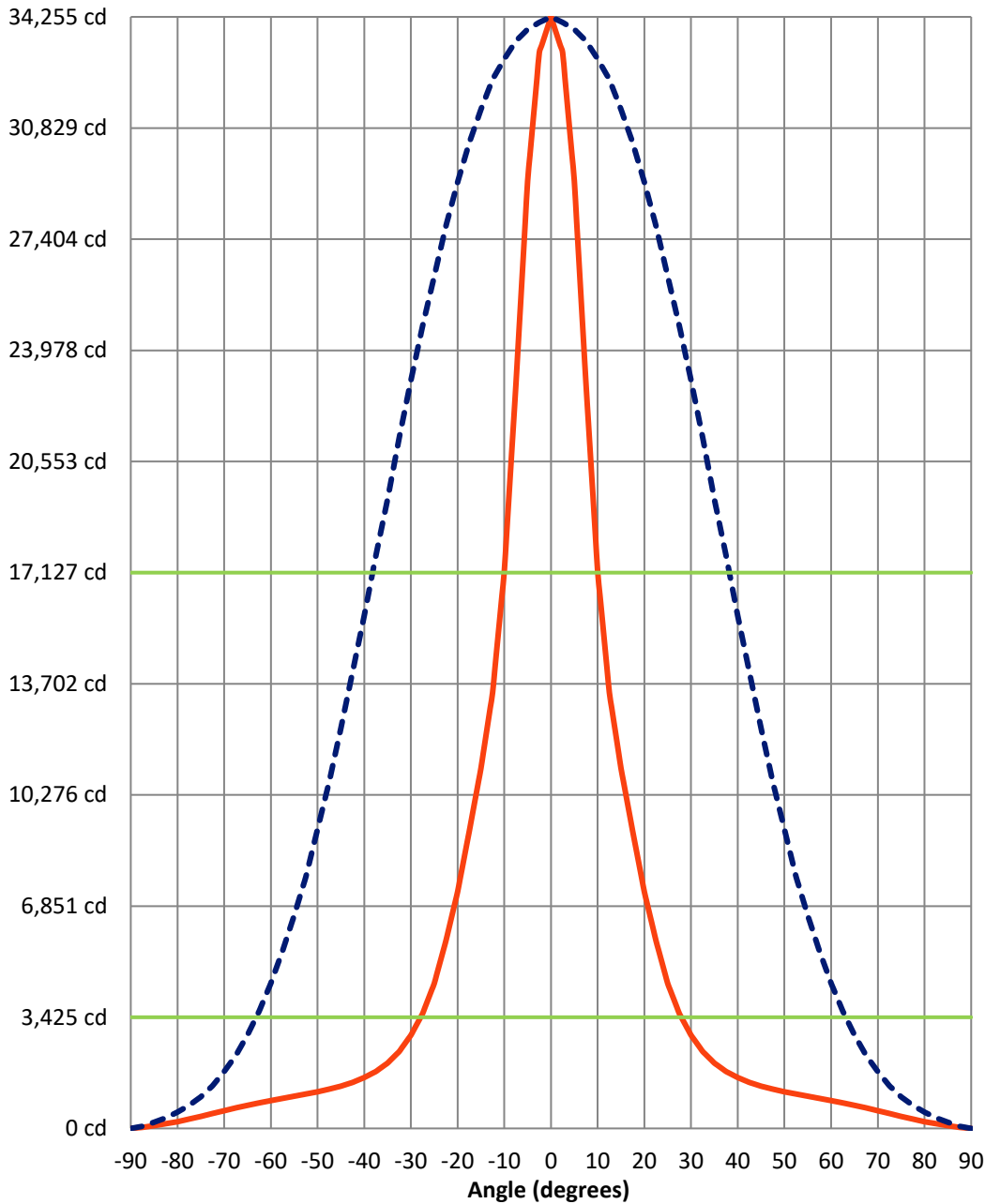
Luminous Intensity Polar Plot



— 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: 9815.4
 Efficiency: 40.0%

Field:
 H Angle: 126.3°
 V Angle: 55.8°
 Lumens: 20107
 Efficiency: 82.0%

Spill:
 Lumens: 4425.6
 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	2.9	5.7	8.1	10.3	12.1	13.7	15.5	17.2	18.8	20.2
85°	0.0	5.7	11.4	16.2	20.5	24.2	27.3	31.0	34.4	37.5	40.4
82.5°	0.0	8.5	17.1	24.3	30.8	36.3	41.0	46.4	52.7	62.8	71.9
80°	0.0	11.4	22.7	32.4	41.0	48.4	56.2	71.4	85.6	98.4	110.0
77.5°	0.0	14.2	28.3	40.5	51.2	64.2	82.7	101.2	118.4	134.1	149.0
75°	0.0	16.9	33.8	48.5	62.9	87.0	109.1	130.8	151.6	172.6	190.6
72.5°	0.0	19.7	39.3	56.4	81.6	109.7	135.3	161.5	188.7	212.4	232.4
70°	0.0	22.4	44.7	65.5	100.2	132.2	162.1	195.5	225.9	252.3	278.3
67.5°	0.0	25.0	50.0	79.7	118.6	154.5	192.6	229.4	263.2	297.7	325.6
65°	0.0	27.6	55.2	93.7	136.8	178.8	223.1	263.3	306.2	343.5	376.3
62.5°	0.0	30.2	60.3	107.5	154.7	204.9	253.4	301.2	349.4	391.3	434.0
60°	0.0	32.7	65.3	121.0	172.4	230.8	283.5	340.7	392.7	445.6	492.2
57.5°	0.0	35.1	74.2	134.4	193.3	256.5	317.7	380.3	441.3	500.0	555.2
55°	0.0	37.5	82.9	147.4	214.0	281.8	352.0	419.6	491.0	556.5	621.7
52.5°	0.0	39.8	91.3	160.2	234.4	307.4	385.8	463.8	540.5	620.4	689.9
50°	0.0	42.0	99.5	172.6	254.4	335.5	419.2	508.7	593.0	685.5	771.0
47.5°	0.0	44.2	107.5	185.4	273.9	362.9	452.9	553.8	652.9	751.5	856.5
45°	0.0	46.2	115.1	199.8	293.1	389.8	491.9	599.0	714.1	832.1	944.9
42.5°	0.0	48.2	122.5	213.7	311.7	415.9	530.7	649.1	775.3	914.7	1045.6
40°	0.0	50.1	129.6	226.7	330.8	441.4	569.0	702.1	840.8	998.9	1151.6
37.5°	0.0	51.9	136.3	238.8	350.3	466.0	606.9	754.5	915.0	1087.1	1261.0
35°	0.0	53.6	142.7	250.1	369.1	494.0	644.2	806.2	988.9	1184.7	1379.6
32.5°	0.0	55.2	148.8	260.7	387.0	523.3	682.5	856.9	1062.3	1283.6	1510.1
30°	0.0	56.6	154.5	270.4	404.2	551.6	723.3	909.1	1134.9	1383.4	1643.5
27.5°	0.0	58.0	159.9	279.4	418.4	579.0	762.8	968.3	1210.9	1483.7	1779.3
25°	0.0	59.3	164.8	287.6	431.6	605.1	800.8	1025.7	1292.8	1592.7	1917.3
22.5°	0.0	60.4	169.4	294.9	443.7	628.5	837.1	1081.1	1373.2	1705.5	2068.0
20°	0.0	61.5	173.6	301.4	454.9	646.3	871.6	1134.2	1451.5	1816.6	2217.4
17.5°	0.0	62.4	177.3	307.1	465.0	662.0	897.5	1184.7	1527.2	1925.3	2364.4
15°	0.0	63.2	180.6	312.0	474.0	675.4	916.9	1224.5	1599.6	2030.6	2507.6
12.5°	0.0	63.8	183.5	316.0	481.9	686.7	933.5	1250.4	1651.5	2131.5	2645.9
10°	0.0	64.4	185.9	319.3	488.6	695.9	947.2	1271.9	1684.7	2179.1	2753.7
7.5°	0.0	64.8	187.9	321.7	494.0	702.9	958.1	1288.8	1711.5	2210.4	2802.5
5°	0.0	65.2	189.4	323.3	498.2	707.8	966.0	1301.2	1731.7	2232.0	2840.3
2.5°	0.0	65.3	190.4	324.2	501.1	710.6	970.8	1309.0	1745.2	2244.2	2866.6
0°	0.0	65.4	191.0	324.2	502.7	711.3	972.7	1312.1	1751.9	2247.1	2880.5
-2.5°	0.0	65.3	190.4	324.2	501.1	710.6	970.8	1309.0	1745.2	2244.2	2866.6
-5°	0.0	65.2	189.4	323.3	498.2	707.8	966.0	1301.2	1731.7	2232.0	2840.3
-7.5°	0.0	64.8	187.9	321.7	494.0	702.9	958.1	1288.8	1711.5	2210.4	2802.5
-10°	0.0	64.4	185.9	319.3	488.6	695.9	947.2	1271.9	1684.7	2179.1	2753.7
-12.5°	0.0	63.8	183.5	316.0	481.9	686.7	933.5	1250.4	1651.5	2131.5	2645.9
-15°	0.0	63.2	180.6	312.0	474.0	675.4	916.9	1224.5	1599.6	2030.6	2507.6
-17.5°	0.0	62.4	177.3	307.1	465.0	662.0	897.5	1184.7	1527.2	1925.3	2364.4
-20°	0.0	61.5	173.6	301.4	454.9	646.3	871.6	1134.2	1451.5	1816.6	2217.4



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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	60.4	169.4	294.9	443.7	628.5	837.1	1081.1	1373.2	1705.5	2068.0
-25°	0.0	59.3	164.8	287.6	431.6	605.1	800.8	1025.7	1292.8	1592.7	1917.3
-27.5°	0.0	58.0	159.9	279.4	418.4	579.0	762.8	968.3	1210.9	1483.7	1779.3
-30°	0.0	56.6	154.5	270.4	404.2	551.6	723.3	909.1	1134.9	1383.4	1643.5
-32.5°	0.0	55.2	148.8	260.7	387.0	523.3	682.5	856.9	1062.3	1283.6	1510.1
-35°	0.0	53.6	142.7	250.1	369.1	494.0	644.2	806.2	988.9	1184.7	1379.6
-37.5°	0.0	51.9	136.3	238.8	350.3	466.0	606.9	754.5	915.0	1087.1	1261.0
-40°	0.0	50.1	129.6	226.7	330.8	441.4	569.0	702.1	840.8	998.9	1151.6
-42.5°	0.0	48.2	122.5	213.7	311.7	415.9	530.7	649.1	775.3	914.7	1045.6
-45°	0.0	46.2	115.1	199.8	293.1	389.8	491.9	599.0	714.1	832.1	944.9
-47.5°	0.0	44.2	107.5	185.4	273.9	362.9	452.9	553.8	652.9	751.5	856.5
-50°	0.0	42.0	99.5	172.6	254.4	335.5	419.2	508.7	593.0	685.5	771.0
-52.5°	0.0	39.8	91.3	160.2	234.4	307.4	385.8	463.8	540.5	620.4	689.9
-55°	0.0	37.5	82.9	147.4	214.0	281.8	352.0	419.6	491.0	556.5	621.7
-57.5°	0.0	35.1	74.2	134.4	193.3	256.5	317.7	380.3	441.3	500.0	555.2
-60°	0.0	32.7	65.3	121.0	172.4	230.8	283.5	340.7	392.7	445.6	492.2
-62.5°	0.0	30.2	60.3	107.5	154.7	204.9	253.4	301.2	349.4	391.3	434.0
-65°	0.0	27.6	55.2	93.7	136.8	178.8	223.1	263.3	306.2	343.5	376.3
-67.5°	0.0	25.0	50.0	79.7	118.6	154.5	192.6	229.4	263.2	297.7	325.6
-70°	0.0	22.4	44.7	65.5	100.2	132.2	162.1	195.5	225.9	252.3	278.3
-72.5°	0.0	19.7	39.3	56.4	81.6	109.7	135.3	161.5	188.7	212.4	232.4
-75°	0.0	16.9	33.8	48.5	62.9	87.0	109.1	130.8	151.6	172.6	190.6
-77.5°	0.0	14.2	28.3	40.5	51.2	64.2	82.7	101.2	118.4	134.1	149.0
-80°	0.0	11.4	22.7	32.4	41.0	48.4	56.2	71.4	85.6	98.4	110.0
-82.5°	0.0	8.5	17.1	24.3	30.8	36.3	41.0	46.4	52.7	62.8	71.9
-85°	0.0	5.7	11.4	16.2	20.5	24.2	27.3	31.0	34.4	37.5	40.4
-87.5°	0.0	2.9	5.7	8.1	10.3	12.1	13.7	15.5	17.2	18.8	20.2
-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°	21.8	23.2	24.6	25.9	27.1	28.2	29.3	30.2	31.5	32.7	33.9
85°	43.5	46.5	51.4	55.5	59.3	62.6	65.4	67.7	70.2	72.2	73.7
82.5°	80.0	86.7	92.1	96.1	100.7	104.7	108.2	111.2	114.3	117.2	119.7
80°	119.5	127.1	135.0	141.9	148.6	153.6	156.8	158.1	162.1	167.2	172.4
77.5°	162.1	173.7	183.8	192.6	199.8	206.1	210.6	213.3	219.6	226.9	233.3
75°	206.2	220.3	234.4	246.7	256.5	263.7	269.0	273.3	280.9	290.5	298.8
72.5°	252.2	271.1	287.8	302.2	315.3	325.3	332.8	337.6	345.2	356.5	365.7
70°	300.6	322.3	344.8	363.4	377.3	389.2	398.9	405.7	412.6	424.0	432.5
67.5°	350.6	381.6	406.7	426.3	441.8	456.3	467.4	474.6	477.6	489.2	498.8
65°	409.6	442.8	470.7	492.7	508.3	526.1	538.5	544.6	546.5	559.1	571.0
62.5°	469.7	506.4	537.0	562.2	582.5	599.4	613.3	621.1	622.4	631.7	645.3
60°	533.9	571.4	607.8	638.2	659.9	677.4	692.4	700.6	702.3	706.0	721.6
57.5°	600.7	641.2	683.8	717.9	743.2	757.6	774.0	783.1	786.8	784.6	800.6
55°	673.4	715.6	763.6	803.3	830.4	843.5	858.8	871.9	876.4	873.5	883.0
52.5°	755.8	797.8	849.0	892.7	922.8	938.6	949.4	965.2	972.4	969.2	967.3
50°	842.5	895.2	937.6	987.5	1023.9	1044.6	1044.9	1064.5	1074.0	1071.0	1058.1
47.5°	940.5	1000.0	1032.1	1089.3	1136.5	1161.0	1162.7	1170.5	1182.1	1185.2	1174.1
45°	1046.4	1119.1	1153.5	1204.6	1257.6	1287.5	1296.6	1282.5	1303.3	1309.8	1302.8
42.5°	1157.9	1250.7	1305.0	1325.7	1387.4	1429.0	1445.0	1435.1	1434.0	1448.6	1448.4
40°	1286.8	1393.2	1474.8	1496.4	1527.6	1584.9	1618.9	1617.0	1579.0	1606.1	1613.2
37.5°	1424.6	1562.9	1663.7	1708.6	1685.0	1761.5	1811.2	1831.3	1807.7	1781.0	1811.4
35°	1569.5	1744.3	1880.2	1956.7	1960.1	1958.3	2036.2	2078.0	2080.9	2032.1	2043.1
32.5°	1731.7	1936.9	2117.0	2240.7	2296.8	2262.1	2282.4	2370.2	2413.2	2394.6	2324.3
30°	1905.9	2157.7	2378.5	2553.0	2678.5	2715.5	2631.8	2700.3	2795.5	2833.6	2803.0
27.5°	2082.1	2391.9	2672.0	2913.9	3108.3	3231.6	3234.5	3128.7	3236.7	3328.4	3363.8
25°	2261.1	2626.3	2983.2	3311.0	3605.3	3817.2	3914.6	3926.0	3774.9	3912.2	4040.2
22.5°	2451.8	2867.5	3291.0	3734.0	4144.1	4455.1	4691.5	4833.9	4829.3	4685.2	4797.7
20°	2653.6	3130.1	3623.1	4148.6	4707.9	5135.4	5531.6	5834.6	6017.0	6077.6	5959.6
17.5°	2855.1	3394.9	3971.8	4597.7	5244.9	5837.6	6431.3	6914.8	7297.8	7612.2	7724.7
15°	3054.1	3659.1	4321.8	5049.8	5797.6	6539.6	7302.9	8043.4	8695.1	9270.5	9611.7
12.5°	3248.4	3919.8	4669.1	5499.9	6358.2	7251.3	8162.1	9064.1	10003.1	10935.1	11643.4
10°	3435.9	4173.5	5009.2	5942.1	6918.2	7962.7	9019.8	10090.2	11230.9	12330.0	13388.2
7.5°	3516.0	4339.4	5302.2	6370.5	7468.8	8663.2	9864.4	11107.1	12439.9	13722.5	15014.6
5°	3565.4	4405.2	5384.6	6497.5	7719.3	9120.3	10553.6	12092.9	13613.8	15090.5	16613.1
2.5°	3598.3	4450.3	5439.6	6547.7	7756.6	9195.4	10646.6	12245.0	13951.4	15658.8	17471.5
0°	3614.5	4474.1	5467.0	6562.9	7751.8	9219.7	10682.6	12331.5	14060.8	15797.7	17652.7
-2.5°	3598.3	4450.3	5439.6	6547.7	7756.6	9195.4	10646.6	12245.0	13951.4	15658.8	17471.5
-5°	3565.4	4405.2	5384.6	6497.5	7719.3	9120.3	10553.6	12092.9	13613.8	15090.5	16613.1
-7.5°	3516.0	4339.4	5302.2	6370.5	7468.8	8663.2	9864.4	11107.1	12439.9	13722.5	15014.6
-10°	3435.9	4173.5	5009.2	5942.1	6918.2	7962.7	9019.8	10090.2	11230.9	12330.0	13388.2
-12.5°	3248.4	3919.8	4669.1	5499.9	6358.2	7251.3	8162.1	9064.1	10003.1	10935.1	11643.4
-15°	3054.1	3659.1	4321.8	5049.8	5797.6	6539.6	7302.9	8043.4	8695.1	9270.5	9611.7
-17.5°	2855.1	3394.9	3971.8	4597.7	5244.9	5837.6	6431.3	6914.8	7297.8	7612.2	7724.7
-20°	2653.6	3130.1	3623.1	4148.6	4707.9	5135.4	5531.6	5834.6	6017.0	6077.6	5959.6



REPORT NUMBER: P559190 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-940-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°	2451.8	2867.5	3291.0	3734.0	4144.1	4455.1	4691.5	4833.9	4829.3	4685.2	4797.7
-25°	2261.1	2626.3	2983.2	3311.0	3605.3	3817.2	3914.6	3926.0	3774.9	3912.2	4040.2
-27.5°	2082.1	2391.9	2672.0	2913.9	3108.3	3231.6	3234.5	3128.7	3236.7	3328.4	3363.8
-30°	1905.9	2157.7	2378.5	2553.0	2678.5	2715.5	2631.8	2700.3	2795.5	2833.6	2803.0
-32.5°	1731.7	1936.9	2117.0	2240.7	2296.8	2262.1	2282.4	2370.2	2413.2	2394.6	2324.3
-35°	1569.5	1744.3	1880.2	1956.7	1960.1	1958.3	2036.2	2078.0	2080.9	2032.1	2043.1
-37.5°	1424.6	1562.9	1663.7	1708.6	1685.0	1761.5	1811.2	1831.3	1807.7	1781.0	1811.4
-40°	1286.8	1393.2	1474.8	1496.4	1527.6	1584.9	1618.9	1617.0	1579.0	1606.1	1613.2
-42.5°	1157.9	1250.7	1305.0	1325.7	1387.4	1429.0	1445.0	1435.1	1434.0	1448.6	1448.4
-45°	1046.4	1119.1	1153.5	1204.6	1257.6	1287.5	1296.6	1282.5	1303.3	1309.8	1302.8
-47.5°	940.5	1000.0	1032.1	1089.3	1136.5	1161.0	1162.7	1170.5	1182.1	1185.2	1174.1
-50°	842.5	895.2	937.6	987.5	1023.9	1044.6	1044.9	1064.5	1074.0	1071.0	1058.1
-52.5°	755.8	797.8	849.0	892.7	922.8	938.6	949.4	965.2	972.4	969.2	967.3
-55°	673.4	715.6	763.6	803.3	830.4	843.5	858.8	871.9	876.4	873.5	883.0
-57.5°	600.7	641.2	683.8	717.9	743.2	757.6	774.0	783.1	786.8	784.6	800.6
-60°	533.9	571.4	607.8	638.2	659.9	677.4	692.4	700.6	702.3	706.0	721.6
-62.5°	469.7	506.4	537.0	562.2	582.5	599.4	613.3	621.1	622.4	631.7	645.3
-65°	409.6	442.8	470.7	492.7	508.3	526.1	538.5	544.6	546.5	559.1	571.0
-67.5°	350.6	381.6	406.7	426.3	441.8	456.3	467.4	474.6	477.6	489.2	498.8
-70°	300.6	322.3	344.8	363.4	377.3	389.2	398.9	405.7	412.6	424.0	432.5
-72.5°	252.2	271.1	287.8	302.2	315.3	325.3	332.8	337.6	345.2	356.5	365.7
-75°	206.2	220.3	234.4	246.7	256.5	263.7	269.0	273.3	280.9	290.5	298.8
-77.5°	162.1	173.7	183.8	192.6	199.8	206.1	210.6	213.3	219.6	226.9	233.3
-80°	119.5	127.1	135.0	141.9	148.6	153.6	156.8	158.1	162.1	167.2	172.4
-82.5°	80.0	86.7	92.1	96.1	100.7	104.7	108.2	111.2	114.3	117.2	119.7
-85°	43.5	46.5	51.4	55.5	59.3	62.6	65.4	67.7	70.2	72.2	73.7
-87.5°	21.8	23.2	24.6	25.9	27.1	28.2	29.3	30.2	31.5	32.7	33.9
-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: P559190 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-940-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°	35.0	34.4	33.7	32.9	31.9	31.9	31.9	31.8	31.6	31.3	31.0
85°	74.8	76.2	77.6	78.9	80.1	81.5	82.6	83.5	84.2	84.2	83.8
82.5°	121.8	125.9	130.0	133.8	137.4	139.3	140.7	141.7	142.2	143.3	144.2
80°	176.8	182.8	188.3	192.9	196.7	199.5	201.7	203.5	204.9	206.3	207.3
77.5°	239.2	245.9	252.3	257.9	262.7	267.2	271.1	274.1	276.4	279.9	283.1
75°	305.6	313.2	321.0	328.1	334.4	340.9	347.5	353.5	358.8	363.3	366.7
72.5°	372.7	380.6	390.3	399.3	407.7	416.6	425.4	433.1	439.8	446.0	451.7
70°	438.9	446.3	458.8	470.9	482.1	492.8	503.4	512.9	521.2	529.3	536.7
67.5°	507.3	515.1	530.6	544.6	557.0	568.8	581.1	592.1	601.6	610.2	617.7
65°	580.3	587.2	603.9	619.2	632.4	643.5	656.7	668.7	679.4	688.8	696.8
62.5°	655.7	662.7	676.5	691.6	704.1	714.7	730.3	743.9	755.3	764.8	772.8
60°	732.4	738.3	749.0	765.6	779.7	791.2	804.9	818.1	829.2	838.5	847.0
57.5°	811.9	817.9	823.1	839.7	853.3	863.8	875.8	888.6	899.4	908.3	916.9
55°	894.1	898.7	897.2	912.5	925.2	933.8	942.7	956.3	967.0	974.9	982.8
52.5°	978.1	983.6	979.8	986.3	1000.1	1007.9	1011.8	1026.5	1037.4	1044.5	1051.8
50°	1071.7	1076.1	1072.6	1068.9	1082.4	1090.4	1092.6	1104.4	1114.5	1119.9	1125.1
47.5°	1173.1	1178.5	1175.8	1161.1	1173.1	1183.2	1183.5	1188.6	1198.9	1203.1	1206.2
45°	1283.4	1293.9	1291.7	1281.4	1279.8	1290.1	1289.2	1285.1	1297.0	1302.3	1304.0
42.5°	1428.3	1424.8	1428.0	1422.2	1403.9	1415.7	1417.1	1402.2	1417.2	1423.6	1419.9
40°	1605.4	1573.0	1590.9	1588.2	1571.2	1568.6	1577.8	1565.7	1568.0	1577.2	1570.1
37.5°	1816.2	1793.1	1783.4	1791.4	1786.5	1764.6	1782.0	1777.7	1764.0	1779.5	1772.7
35°	2075.7	2068.8	2016.8	2048.5	2055.0	2034.3	2040.3	2049.3	2019.4	2042.9	2040.4
32.5°	2379.2	2394.6	2383.4	2363.9	2393.4	2397.2	2363.0	2404.1	2387.5	2393.4	2409.6
30°	2722.8	2801.7	2840.1	2805.8	2824.2	2861.0	2844.1	2872.7	2886.4	2864.9	2905.5
27.5°	3323.2	3295.2	3387.2	3427.2	3384.4	3451.4	3499.9	3478.4	3549.5	3507.5	3567.6
25°	4086.2	4045.2	4069.8	4202.0	4231.4	4197.3	4334.4	4350.5	4406.9	4413.8	4455.7
22.5°	4982.7	5081.9	5070.3	5110.6	5276.7	5332.3	5382.9	5514.6	5484.6	5604.0	5624.8
20°	5985.0	6234.4	6406.1	6442.2	6513.3	6704.3	6791.9	6895.9	6965.6	7078.7	7174.4
17.5°	7680.6	7552.8	7889.7	8101.4	8212.7	8252.5	8482.6	8557.5	8730.4	8829.1	8927.1
15°	9857.6	9932.0	9779.9	9981.7	10322.6	10437.7	10305.4	10614.4	10701.2	10867.6	10897.0
12.5°	12184.5	12561.2	12745.8	12796.1	12617.9	13102.8	13297.0	13053.2	13329.7	13279.9	13507.4
10°	14404.8	15320.0	15867.8	16253.3	16487.5	16628.6	16768.8	17020.9	17025.3	17211.9	17102.9
7.5°	16227.6	17388.0	18496.5	19571.9	20432.1	20914.3	21292.9	21656.1	22140.7	22372.7	22523.6
5°	18010.9	19349.7	20676.2	21979.7	23160.2	24295.8	25408.9	26374.4	26886.0	27484.0	28017.0
2.5°	19164.4	20857.8	22551.8	24229.6	25593.6	26845.2	28003.6	29079.6	30023.5	30896.7	31634.0
0°	19389.5	21284.8	23051.8	24725.8	26261.6	27807.4	29157.2	30373.8	31401.8	32329.3	32955.2
-2.5°	19164.4	20857.8	22551.8	24229.6	25593.6	26845.2	28003.6	29079.6	30023.5	30896.7	31634.0
-5°	18010.9	19349.7	20676.2	21979.7	23160.2	24295.8	25408.9	26374.4	26886.0	27484.0	28017.0
-7.5°	16227.6	17388.0	18496.5	19571.9	20432.1	20914.3	21292.9	21656.1	22140.7	22372.7	22523.6
-10°	14404.8	15320.0	15867.8	16253.3	16487.5	16628.6	16768.8	17020.9	17025.3	17211.9	17102.9
-12.5°	12184.5	12561.2	12745.8	12796.1	12617.9	13102.8	13297.0	13053.2	13329.7	13279.9	13507.4
-15°	9857.6	9932.0	9779.9	9981.7	10322.6	10437.7	10305.4	10614.4	10701.2	10867.6	10897.0
-17.5°	7680.6	7552.8	7889.7	8101.4	8212.7	8252.5	8482.6	8557.5	8730.4	8829.1	8927.1
-20°	5985.0	6234.4	6406.1	6442.2	6513.3	6704.3	6791.9	6895.9	6965.6	7078.7	7174.4



REPORT NUMBER: P559190 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-940-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4982.7	5081.9	5070.3	5110.6	5276.7	5332.3	5382.9	5514.6	5484.6	5604.0	5624.8
-25°	4086.2	4045.2	4069.8	4202.0	4231.4	4197.3	4334.4	4350.5	4406.9	4413.8	4455.7
-27.5°	3323.2	3295.2	3387.2	3427.2	3384.4	3451.4	3499.9	3478.4	3549.5	3507.5	3567.6
-30°	2722.8	2801.7	2840.1	2805.8	2824.2	2861.0	2844.1	2872.7	2886.4	2864.9	2905.5
-32.5°	2379.2	2394.6	2383.4	2363.9	2393.4	2397.2	2363.0	2404.1	2387.5	2393.4	2409.6
-35°	2075.7	2068.8	2016.8	2048.5	2055.0	2034.3	2040.3	2049.3	2019.4	2042.9	2040.4
-37.5°	1816.2	1793.1	1783.4	1791.4	1786.5	1764.6	1782.0	1777.7	1764.0	1779.5	1772.7
-40°	1605.4	1573.0	1590.9	1588.2	1571.2	1568.6	1577.8	1565.7	1568.0	1577.2	1570.1
-42.5°	1428.3	1424.8	1428.0	1422.2	1403.9	1415.7	1417.1	1402.2	1417.2	1423.6	1419.9
-45°	1283.4	1293.9	1291.7	1281.4	1279.8	1290.1	1289.2	1285.1	1297.0	1302.3	1304.0
-47.5°	1173.1	1178.5	1175.8	1161.1	1173.1	1183.2	1183.5	1188.6	1198.9	1203.1	1206.2
-50°	1071.7	1076.1	1072.6	1068.9	1082.4	1090.4	1092.6	1104.4	1114.5	1119.9	1125.1
-52.5°	978.1	983.6	979.8	986.3	1000.1	1007.9	1011.8	1026.5	1037.4	1044.5	1051.8
-55°	894.1	898.7	897.2	912.5	925.2	933.8	942.7	956.3	967.0	974.9	982.8
-57.5°	811.9	817.9	823.1	839.7	853.3	863.8	875.8	888.6	899.4	908.3	916.9
-60°	732.4	738.3	749.0	765.6	779.7	791.2	804.9	818.1	829.2	838.5	847.0
-62.5°	655.7	662.7	676.5	691.6	704.1	714.7	730.3	743.9	755.3	764.8	772.8
-65°	580.3	587.2	603.9	619.2	632.4	643.5	656.7	668.7	679.4	688.8	696.8
-67.5°	507.3	515.1	530.6	544.6	557.0	568.8	581.1	592.1	601.6	610.2	617.7
-70°	438.9	446.3	458.8	470.9	482.1	492.8	503.4	512.9	521.2	529.3	536.7
-72.5°	372.7	380.6	390.3	399.3	407.7	416.6	425.4	433.1	439.8	446.0	451.7
-75°	305.6	313.2	321.0	328.1	334.4	340.9	347.5	353.5	358.8	363.3	366.7
-77.5°	239.2	245.9	252.3	257.9	262.7	267.2	271.1	274.1	276.4	279.9	283.1
-80°	176.8	182.8	188.3	192.9	196.7	199.5	201.7	203.5	204.9	206.3	207.3
-82.5°	121.8	125.9	130.0	133.8	137.4	139.3	140.7	141.7	142.2	143.3	144.2
-85°	74.8	76.2	77.6	78.9	80.1	81.5	82.6	83.5	84.2	84.2	83.8
-87.5°	35.0	34.4	33.7	32.9	31.9	31.9	31.9	31.8	31.6	31.3	31.0
-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: P559190 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-940-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°	30.6	30.1	31.4	32.7	31.4	30.1	30.6	31.0	31.3	31.6	31.8
85°	83.3	82.5	84.1	85.5	84.1	82.5	83.3	83.8	84.2	84.2	83.5
82.5°	144.8	145.1	145.6	145.8	145.6	145.1	144.8	144.2	143.3	142.2	141.7
80°	207.7	207.7	207.1	206.1	207.1	207.7	207.7	207.3	206.3	204.9	203.5
77.5°	285.7	287.5	288.7	289.1	288.7	287.5	285.7	283.1	279.9	276.4	274.1
75°	369.0	370.1	370.3	369.5	370.3	370.1	369.0	366.7	363.3	358.8	353.5
72.5°	456.3	460.0	460.7	460.0	460.7	460.0	456.3	451.7	446.0	439.8	433.1
70°	542.8	547.5	547.4	545.4	547.4	547.5	542.8	536.7	529.3	521.2	512.9
67.5°	623.5	627.9	631.3	633.4	631.3	627.9	623.5	617.7	610.2	601.6	592.1
65°	703.1	707.9	710.5	711.3	710.5	707.9	703.1	696.8	688.8	679.4	668.7
62.5°	778.9	783.3	785.8	786.7	785.8	783.3	778.9	772.8	764.8	755.3	743.9
60°	853.6	858.3	859.1	857.1	859.1	858.3	853.6	847.0	838.5	829.2	818.1
57.5°	923.7	928.6	928.5	925.0	928.5	928.6	923.7	916.9	908.3	899.4	888.6
55°	988.6	992.1	993.4	992.9	993.4	992.1	988.6	982.8	974.9	967.0	956.3
52.5°	1057.2	1059.9	1061.1	1060.7	1061.1	1059.9	1057.2	1051.8	1044.5	1037.4	1026.5
50°	1128.7	1129.1	1129.0	1128.6	1129.0	1129.1	1128.7	1125.1	1119.9	1114.5	1104.4
47.5°	1210.6	1211.4	1211.5	1211.5	1211.5	1211.4	1210.6	1206.2	1203.1	1198.9	1188.6
45°	1307.3	1304.6	1301.8	1302.0	1301.8	1304.6	1307.3	1304.0	1302.3	1297.0	1285.1
42.5°	1423.4	1420.4	1416.8	1417.6	1416.8	1420.4	1423.4	1419.9	1423.6	1417.2	1402.2
40°	1576.3	1575.5	1570.3	1568.5	1570.3	1575.5	1576.3	1570.1	1577.2	1568.0	1565.7
37.5°	1773.7	1770.8	1759.4	1754.5	1759.4	1770.8	1773.7	1772.7	1779.5	1764.0	1777.7
35°	2033.4	2029.6	2012.0	2013.4	2012.0	2029.6	2033.4	2040.4	2042.9	2019.4	2049.3
32.5°	2401.5	2402.9	2376.4	2370.3	2376.4	2402.9	2401.5	2409.6	2393.4	2387.5	2404.1
30°	2880.3	2890.8	2859.6	2873.0	2859.6	2890.8	2880.3	2905.5	2864.9	2886.4	2872.7
27.5°	3566.4	3586.5	3558.9	3536.6	3558.9	3586.5	3566.4	3567.6	3507.5	3549.5	3478.4
25°	4510.8	4525.7	4494.2	4466.6	4494.2	4525.7	4510.8	4455.7	4413.8	4406.9	4350.5
22.5°	5740.1	5739.1	5737.5	5781.2	5737.5	5739.1	5740.1	5624.8	5604.0	5484.6	5514.6
20°	7236.1	7199.8	7254.1	7289.3	7254.1	7199.8	7236.1	7174.4	7078.7	6965.6	6895.9
17.5°	8949.9	9017.8	9069.9	9156.9	9069.9	9017.8	8949.9	8927.1	8829.1	8730.4	8557.5
15°	10970.7	11073.2	11125.3	11097.3	11125.3	11073.2	10970.7	10897.0	10867.6	10701.2	10614.4
12.5°	13515.5	13637.8	13547.4	13434.9	13547.4	13637.8	13515.5	13507.4	13279.9	13329.7	13053.2
10°	17104.5	17368.0	17382.7	17162.5	17382.7	17368.0	17104.5	17102.9	17211.9	17025.3	17020.9
7.5°	22611.2	22739.3	22933.8	22943.7	22933.8	22739.3	22611.2	22523.6	22372.7	22140.7	21656.1
5°	28258.7	28599.8	28819.7	29199.9	28819.7	28599.8	28258.7	28017.0	27484.0	26886.0	26374.4
2.5°	32110.2	32551.1	32720.4	33151.3	32720.4	32551.1	32110.2	31634.0	30896.7	30023.5	29079.6
0°	33513.2	33870.1	34083.8	34254.7	34083.8	33870.1	33513.2	32955.2	32329.3	31401.8	30373.8
-2.5°	32110.2	32551.1	32720.4	33151.3	32720.4	32551.1	32110.2	31634.0	30896.7	30023.5	29079.6
-5°	28258.7	28599.8	28819.7	29199.9	28819.7	28599.8	28258.7	28017.0	27484.0	26886.0	26374.4
-7.5°	22611.2	22739.3	22933.8	22943.7	22933.8	22739.3	22611.2	22523.6	22372.7	22140.7	21656.1
-10°	17104.5	17368.0	17382.7	17162.5	17382.7	17368.0	17104.5	17102.9	17211.9	17025.3	17020.9
-12.5°	13515.5	13637.8	13547.4	13434.9	13547.4	13637.8	13515.5	13507.4	13279.9	13329.7	13053.2
-15°	10970.7	11073.2	11125.3	11097.3	11125.3	11073.2	10970.7	10897.0	10867.6	10701.2	10614.4
-17.5°	8949.9	9017.8	9069.9	9156.9	9069.9	9017.8	8949.9	8927.1	8829.1	8730.4	8557.5
-20°	7236.1	7199.8	7254.1	7289.3	7254.1	7199.8	7236.1	7174.4	7078.7	6965.6	6895.9



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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°	5740.1	5739.1	5737.5	5781.2	5737.5	5739.1	5740.1	5624.8	5604.0	5484.6	5514.6
-25°	4510.8	4525.7	4494.2	4466.6	4494.2	4525.7	4510.8	4455.7	4413.8	4406.9	4350.5
-27.5°	3566.4	3586.5	3558.9	3536.6	3558.9	3586.5	3566.4	3567.6	3507.5	3549.5	3478.4
-30°	2880.3	2890.8	2859.6	2873.0	2859.6	2890.8	2880.3	2905.5	2864.9	2886.4	2872.7
-32.5°	2401.5	2402.9	2376.4	2370.3	2376.4	2402.9	2401.5	2409.6	2393.4	2387.5	2404.1
-35°	2033.4	2029.6	2012.0	2013.4	2012.0	2029.6	2033.4	2040.4	2042.9	2019.4	2049.3
-37.5°	1773.7	1770.8	1759.4	1754.5	1759.4	1770.8	1773.7	1772.7	1779.5	1764.0	1777.7
-40°	1576.3	1575.5	1570.3	1568.5	1570.3	1575.5	1576.3	1570.1	1577.2	1568.0	1565.7
-42.5°	1423.4	1420.4	1416.8	1417.6	1416.8	1420.4	1423.4	1419.9	1423.6	1417.2	1402.2
-45°	1307.3	1304.6	1301.8	1302.0	1301.8	1304.6	1307.3	1304.0	1302.3	1297.0	1285.1
-47.5°	1210.6	1211.4	1211.5	1211.5	1211.5	1211.4	1210.6	1206.2	1203.1	1198.9	1188.6
-50°	1128.7	1129.1	1129.0	1128.6	1129.0	1129.1	1128.7	1125.1	1119.9	1114.5	1104.4
-52.5°	1057.2	1059.9	1061.1	1060.7	1061.1	1059.9	1057.2	1051.8	1044.5	1037.4	1026.5
-55°	988.6	992.1	993.4	992.9	993.4	992.1	988.6	982.8	974.9	967.0	956.3
-57.5°	923.7	928.6	928.5	925.0	928.5	928.6	923.7	916.9	908.3	899.4	888.6
-60°	853.6	858.3	859.1	857.1	859.1	858.3	853.6	847.0	838.5	829.2	818.1
-62.5°	778.9	783.3	785.8	786.7	785.8	783.3	778.9	772.8	764.8	755.3	743.9
-65°	703.1	707.9	710.5	711.3	710.5	707.9	703.1	696.8	688.8	679.4	668.7
-67.5°	623.5	627.9	631.3	633.4	631.3	627.9	623.5	617.7	610.2	601.6	592.1
-70°	542.8	547.5	547.4	545.4	547.4	547.5	542.8	536.7	529.3	521.2	512.9
-72.5°	456.3	460.0	460.7	460.0	460.7	460.0	456.3	451.7	446.0	439.8	433.1
-75°	369.0	370.1	370.3	369.5	370.3	370.1	369.0	366.7	363.3	358.8	353.5
-77.5°	285.7	287.5	288.7	289.1	288.7	287.5	285.7	283.1	279.9	276.4	274.1
-80°	207.7	207.7	207.1	206.1	207.1	207.7	207.7	207.3	206.3	204.9	203.5
-82.5°	144.8	145.1	145.6	145.8	145.6	145.1	144.8	144.2	143.3	142.2	141.7
-85°	83.3	82.5	84.1	85.5	84.1	82.5	83.3	83.8	84.2	84.2	83.5
-87.5°	30.6	30.1	31.4	32.7	31.4	30.1	30.6	31.0	31.3	31.6	31.8
-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°	31.9	31.9	31.9	32.9	33.7	34.4	35.0	33.9	32.7	31.5	30.2
85°	82.6	81.5	80.1	78.9	77.6	76.2	74.8	73.7	72.2	70.2	67.7
82.5°	140.7	139.3	137.4	133.8	130.0	125.9	121.8	119.7	117.2	114.3	111.2
80°	201.7	199.5	196.7	192.9	188.3	182.8	176.8	172.4	167.2	162.1	158.1
77.5°	271.1	267.2	262.7	257.9	252.3	245.9	239.2	233.3	226.9	219.6	213.3
75°	347.5	340.9	334.4	328.1	321.0	313.2	305.6	298.8	290.5	280.9	273.3
72.5°	425.4	416.6	407.7	399.3	390.3	380.6	372.7	365.7	356.5	345.2	337.6
70°	503.4	492.8	482.1	470.9	458.8	446.3	438.9	432.5	424.0	412.6	405.7
67.5°	581.1	568.8	557.0	544.6	530.6	515.1	507.3	498.8	489.2	477.6	474.6
65°	656.7	643.5	632.4	619.2	603.9	587.2	580.3	571.0	559.1	546.5	544.6
62.5°	730.3	714.7	704.1	691.6	676.5	662.7	655.7	645.3	631.7	622.4	621.1
60°	804.9	791.2	779.7	765.6	749.0	738.3	732.4	721.6	706.0	702.3	700.6
57.5°	875.8	863.8	853.3	839.7	823.1	817.9	811.9	800.6	784.6	786.8	783.1
55°	942.7	933.8	925.2	912.5	897.2	898.7	894.1	883.0	873.5	876.4	871.9
52.5°	1011.8	1007.9	1000.1	986.3	979.8	983.6	978.1	967.3	969.2	972.4	965.2
50°	1092.6	1090.4	1082.4	1068.9	1072.6	1076.1	1071.7	1058.1	1071.0	1074.0	1064.5
47.5°	1183.5	1183.2	1173.1	1161.1	1175.8	1178.5	1173.1	1174.1	1185.2	1182.1	1170.5
45°	1289.2	1290.1	1279.8	1281.4	1291.7	1293.9	1283.4	1302.8	1309.8	1303.3	1282.5
42.5°	1417.1	1415.7	1403.9	1422.2	1428.0	1424.8	1428.3	1448.4	1448.6	1434.0	1435.1
40°	1577.8	1568.6	1571.2	1588.2	1590.9	1573.0	1605.4	1613.2	1606.1	1579.0	1617.0
37.5°	1782.0	1764.6	1786.5	1791.4	1783.4	1793.1	1816.2	1811.4	1781.0	1807.7	1831.3
35°	2040.3	2034.3	2055.0	2048.5	2016.8	2068.8	2075.7	2043.1	2032.1	2080.9	2078.0
32.5°	2363.0	2397.2	2393.4	2363.9	2383.4	2394.6	2379.2	2324.3	2394.6	2413.2	2370.2
30°	2844.1	2861.0	2824.2	2805.8	2840.1	2801.7	2722.8	2803.0	2833.6	2795.5	2700.3
27.5°	3499.9	3451.4	3384.4	3427.2	3387.2	3295.2	3323.2	3363.8	3328.4	3236.7	3128.7
25°	4334.4	4197.3	4231.4	4202.0	4069.8	4045.2	4086.2	4040.2	3912.2	3774.9	3926.0
22.5°	5382.9	5332.3	5276.7	5110.6	5070.3	5081.9	4982.7	4797.7	4685.2	4829.3	4833.9
20°	6791.9	6704.3	6513.3	6442.2	6406.1	6234.4	5985.0	5959.6	6077.6	6017.0	5834.6
17.5°	8482.6	8252.5	8212.7	8101.4	7889.7	7552.8	7680.6	7724.7	7612.2	7297.8	6914.8
15°	10305.4	10437.7	10322.6	9981.7	9779.9	9932.0	9857.6	9611.7	9270.5	8695.1	8043.4
12.5°	13297.0	13102.8	12617.9	12796.1	12745.8	12561.2	12184.5	11643.4	10935.1	10003.1	9064.1
10°	16768.8	16628.6	16487.5	16253.3	15867.8	15320.0	14404.8	13388.2	12330.0	11230.9	10090.2
7.5°	21292.9	20914.3	20432.1	19571.9	18496.5	17388.0	16227.6	15014.6	13722.5	12439.9	11107.1
5°	25408.9	24295.8	23160.2	21979.7	20676.2	19349.7	18010.9	16613.1	15090.5	13613.8	12092.9
2.5°	28003.6	26845.2	25593.6	24229.6	22551.8	20857.8	19164.4	17471.5	15658.8	13951.4	12245.0
0°	29157.2	27807.4	26261.6	24725.8	23051.8	21284.8	19389.5	17652.7	15797.7	14060.8	12331.5
-2.5°	28003.6	26845.2	25593.6	24229.6	22551.8	20857.8	19164.4	17471.5	15658.8	13951.4	12245.0
-5°	25408.9	24295.8	23160.2	21979.7	20676.2	19349.7	18010.9	16613.1	15090.5	13613.8	12092.9
-7.5°	21292.9	20914.3	20432.1	19571.9	18496.5	17388.0	16227.6	15014.6	13722.5	12439.9	11107.1
-10°	16768.8	16628.6	16487.5	16253.3	15867.8	15320.0	14404.8	13388.2	12330.0	11230.9	10090.2
-12.5°	13297.0	13102.8	12617.9	12796.1	12745.8	12561.2	12184.5	11643.4	10935.1	10003.1	9064.1
-15°	10305.4	10437.7	10322.6	9981.7	9779.9	9932.0	9857.6	9611.7	9270.5	8695.1	8043.4
-17.5°	8482.6	8252.5	8212.7	8101.4	7889.7	7552.8	7680.6	7724.7	7612.2	7297.8	6914.8
-20°	6791.9	6704.3	6513.3	6442.2	6406.1	6234.4	5985.0	5959.6	6077.6	6017.0	5834.6



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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°	5382.9	5332.3	5276.7	5110.6	5070.3	5081.9	4982.7	4797.7	4685.2	4829.3	4833.9
-25°	4334.4	4197.3	4231.4	4202.0	4069.8	4045.2	4086.2	4040.2	3912.2	3774.9	3926.0
-27.5°	3499.9	3451.4	3384.4	3427.2	3387.2	3295.2	3323.2	3363.8	3328.4	3236.7	3128.7
-30°	2844.1	2861.0	2824.2	2805.8	2840.1	2801.7	2722.8	2803.0	2833.6	2795.5	2700.3
-32.5°	2363.0	2397.2	2393.4	2363.9	2383.4	2394.6	2379.2	2324.3	2394.6	2413.2	2370.2
-35°	2040.3	2034.3	2055.0	2048.5	2016.8	2068.8	2075.7	2043.1	2032.1	2080.9	2078.0
-37.5°	1782.0	1764.6	1786.5	1791.4	1783.4	1793.1	1816.2	1811.4	1781.0	1807.7	1831.3
-40°	1577.8	1568.6	1571.2	1588.2	1590.9	1573.0	1605.4	1613.2	1606.1	1579.0	1617.0
-42.5°	1417.1	1415.7	1403.9	1422.2	1428.0	1424.8	1428.3	1448.4	1448.6	1434.0	1435.1
-45°	1289.2	1290.1	1279.8	1281.4	1291.7	1293.9	1283.4	1302.8	1309.8	1303.3	1282.5
-47.5°	1183.5	1183.2	1173.1	1161.1	1175.8	1178.5	1173.1	1174.1	1185.2	1182.1	1170.5
-50°	1092.6	1090.4	1082.4	1068.9	1072.6	1076.1	1071.7	1058.1	1071.0	1074.0	1064.5
-52.5°	1011.8	1007.9	1000.1	986.3	979.8	983.6	978.1	967.3	969.2	972.4	965.2
-55°	942.7	933.8	925.2	912.5	897.2	898.7	894.1	883.0	873.5	876.4	871.9
-57.5°	875.8	863.8	853.3	839.7	823.1	817.9	811.9	800.6	784.6	786.8	783.1
-60°	804.9	791.2	779.7	765.6	749.0	738.3	732.4	721.6	706.0	702.3	700.6
-62.5°	730.3	714.7	704.1	691.6	676.5	662.7	655.7	645.3	631.7	622.4	621.1
-65°	656.7	643.5	632.4	619.2	603.9	587.2	580.3	571.0	559.1	546.5	544.6
-67.5°	581.1	568.8	557.0	544.6	530.6	515.1	507.3	498.8	489.2	477.6	474.6
-70°	503.4	492.8	482.1	470.9	458.8	446.3	438.9	432.5	424.0	412.6	405.7
-72.5°	425.4	416.6	407.7	399.3	390.3	380.6	372.7	365.7	356.5	345.2	337.6
-75°	347.5	340.9	334.4	328.1	321.0	313.2	305.6	298.8	290.5	280.9	273.3
-77.5°	271.1	267.2	262.7	257.9	252.3	245.9	239.2	233.3	226.9	219.6	213.3
-80°	201.7	199.5	196.7	192.9	188.3	182.8	176.8	172.4	167.2	162.1	158.1
-82.5°	140.7	139.3	137.4	133.8	130.0	125.9	121.8	119.7	117.2	114.3	111.2
-85°	82.6	81.5	80.1	78.9	77.6	76.2	74.8	73.7	72.2	70.2	67.7
-87.5°	31.9	31.9	31.9	32.9	33.7	34.4	35.0	33.9	32.7	31.5	30.2
-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: P559190 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-940-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°	29.3	28.2	27.1	25.9	24.6	23.2	21.8	20.2	18.8	17.2	15.5
85°	65.4	62.6	59.3	55.5	51.4	46.5	43.5	40.4	37.5	34.4	31.0
82.5°	108.2	104.7	100.7	96.1	92.1	86.7	80.0	71.9	62.8	52.7	46.4
80°	156.8	153.6	148.6	141.9	135.0	127.1	119.5	110.0	98.4	85.6	71.4
77.5°	210.6	206.1	199.8	192.6	183.8	173.7	162.1	149.0	134.1	118.4	101.2
75°	269.0	263.7	256.5	246.7	234.4	220.3	206.2	190.6	172.6	151.6	130.8
72.5°	332.8	325.3	315.3	302.2	287.8	271.1	252.2	232.4	212.4	188.7	161.5
70°	398.9	389.2	377.3	363.4	344.8	322.3	300.6	278.3	252.3	225.9	195.5
67.5°	467.4	456.3	441.8	426.3	406.7	381.6	350.6	325.6	297.7	263.2	229.4
65°	538.5	526.1	508.3	492.7	470.7	442.8	409.6	376.3	343.5	306.2	263.3
62.5°	613.3	599.4	582.5	562.2	537.0	506.4	469.7	434.0	391.3	349.4	301.2
60°	692.4	677.4	659.9	638.2	607.8	571.4	533.9	492.2	445.6	392.7	340.7
57.5°	774.0	757.6	743.2	717.9	683.8	641.2	600.7	555.2	500.0	441.3	380.3
55°	858.8	843.5	830.4	803.3	763.6	715.6	673.4	621.7	556.5	491.0	419.6
52.5°	949.4	938.6	922.8	892.7	849.0	797.8	755.8	689.9	620.4	540.5	463.8
50°	1044.9	1044.6	1023.9	987.5	937.6	895.2	842.5	771.0	685.5	593.0	508.7
47.5°	1162.7	1161.0	1136.5	1089.3	1032.1	1000.0	940.5	856.5	751.5	652.9	553.8
45°	1296.6	1287.5	1257.6	1204.6	1153.5	1119.1	1046.4	944.9	832.1	714.1	599.0
42.5°	1445.0	1429.0	1387.4	1325.7	1305.0	1250.7	1157.9	1045.6	914.7	775.3	649.1
40°	1618.9	1584.9	1527.6	1496.4	1474.8	1393.2	1286.8	1151.6	998.9	840.8	702.1
37.5°	1811.2	1761.5	1685.0	1708.6	1663.7	1562.9	1424.6	1261.0	1087.1	915.0	754.5
35°	2036.2	1958.3	1960.1	1956.7	1880.2	1744.3	1569.5	1379.6	1184.7	988.9	806.2
32.5°	2282.4	2262.1	2296.8	2240.7	2117.0	1936.9	1731.7	1510.1	1283.6	1062.3	856.9
30°	2631.8	2715.5	2678.5	2553.0	2378.5	2157.7	1905.9	1643.5	1383.4	1134.9	909.1
27.5°	3234.5	3231.6	3108.3	2913.9	2672.0	2391.9	2082.1	1779.3	1483.7	1210.9	968.3
25°	3914.6	3817.2	3605.3	3311.0	2983.2	2626.3	2261.1	1917.3	1592.7	1292.8	1025.7
22.5°	4691.5	4455.1	4144.1	3734.0	3291.0	2867.5	2451.8	2068.0	1705.5	1373.2	1081.1
20°	5531.6	5135.4	4707.9	4148.6	3623.1	3130.1	2653.6	2217.4	1816.6	1451.5	1134.2
17.5°	6431.3	5837.6	5244.9	4597.7	3971.8	3394.9	2855.1	2364.4	1925.3	1527.2	1184.7
15°	7302.9	6539.6	5797.6	5049.8	4321.8	3659.1	3054.1	2507.6	2030.6	1599.6	1224.5
12.5°	8162.1	7251.3	6358.2	5499.9	4669.1	3919.8	3248.4	2645.9	2131.5	1651.5	1250.4
10°	9019.8	7962.7	6918.2	5942.1	5009.2	4173.5	3435.9	2753.7	2179.1	1684.7	1271.9
7.5°	9864.4	8663.2	7468.8	6370.5	5302.2	4339.4	3516.0	2802.5	2210.4	1711.5	1288.8
5°	10553.6	9120.3	7719.3	6497.5	5384.6	4405.2	3565.4	2840.3	2232.0	1731.7	1301.2
2.5°	10646.6	9195.4	7756.6	6547.7	5439.6	4450.3	3598.3	2866.6	2244.2	1745.2	1309.0
0°	10682.6	9219.7	7751.8	6562.9	5467.0	4474.1	3614.5	2880.5	2247.1	1751.9	1312.1
-2.5°	10646.6	9195.4	7756.6	6547.7	5439.6	4450.3	3598.3	2866.6	2244.2	1745.2	1309.0
-5°	10553.6	9120.3	7719.3	6497.5	5384.6	4405.2	3565.4	2840.3	2232.0	1731.7	1301.2
-7.5°	9864.4	8663.2	7468.8	6370.5	5302.2	4339.4	3516.0	2802.5	2210.4	1711.5	1288.8
-10°	9019.8	7962.7	6918.2	5942.1	5009.2	4173.5	3435.9	2753.7	2179.1	1684.7	1271.9
-12.5°	8162.1	7251.3	6358.2	5499.9	4669.1	3919.8	3248.4	2645.9	2131.5	1651.5	1250.4
-15°	7302.9	6539.6	5797.6	5049.8	4321.8	3659.1	3054.1	2507.6	2030.6	1599.6	1224.5
-17.5°	6431.3	5837.6	5244.9	4597.7	3971.8	3394.9	2855.1	2364.4	1925.3	1527.2	1184.7
-20°	5531.6	5135.4	4707.9	4148.6	3623.1	3130.1	2653.6	2217.4	1816.6	1451.5	1134.2



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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°	4691.5	4455.1	4144.1	3734.0	3291.0	2867.5	2451.8	2068.0	1705.5	1373.2	1081.1
-25°	3914.6	3817.2	3605.3	3311.0	2983.2	2626.3	2261.1	1917.3	1592.7	1292.8	1025.7
-27.5°	3234.5	3231.6	3108.3	2913.9	2672.0	2391.9	2082.1	1779.3	1483.7	1210.9	968.3
-30°	2631.8	2715.5	2678.5	2553.0	2378.5	2157.7	1905.9	1643.5	1383.4	1134.9	909.1
-32.5°	2282.4	2262.1	2296.8	2240.7	2117.0	1936.9	1731.7	1510.1	1283.6	1062.3	856.9
-35°	2036.2	1958.3	1960.1	1956.7	1880.2	1744.3	1569.5	1379.6	1184.7	988.9	806.2
-37.5°	1811.2	1761.5	1685.0	1708.6	1663.7	1562.9	1424.6	1261.0	1087.1	915.0	754.5
-40°	1618.9	1584.9	1527.6	1496.4	1474.8	1393.2	1286.8	1151.6	998.9	840.8	702.1
-42.5°	1445.0	1429.0	1387.4	1325.7	1305.0	1250.7	1157.9	1045.6	914.7	775.3	649.1
-45°	1296.6	1287.5	1257.6	1204.6	1153.5	1119.1	1046.4	944.9	832.1	714.1	599.0
-47.5°	1162.7	1161.0	1136.5	1089.3	1032.1	1000.0	940.5	856.5	751.5	652.9	553.8
-50°	1044.9	1044.6	1023.9	987.5	937.6	895.2	842.5	771.0	685.5	593.0	508.7
-52.5°	949.4	938.6	922.8	892.7	849.0	797.8	755.8	689.9	620.4	540.5	463.8
-55°	858.8	843.5	830.4	803.3	763.6	715.6	673.4	621.7	556.5	491.0	419.6
-57.5°	774.0	757.6	743.2	717.9	683.8	641.2	600.7	555.2	500.0	441.3	380.3
-60°	692.4	677.4	659.9	638.2	607.8	571.4	533.9	492.2	445.6	392.7	340.7
-62.5°	613.3	599.4	582.5	562.2	537.0	506.4	469.7	434.0	391.3	349.4	301.2
-65°	538.5	526.1	508.3	492.7	470.7	442.8	409.6	376.3	343.5	306.2	263.3
-67.5°	467.4	456.3	441.8	426.3	406.7	381.6	350.6	325.6	297.7	263.2	229.4
-70°	398.9	389.2	377.3	363.4	344.8	322.3	300.6	278.3	252.3	225.9	195.5
-72.5°	332.8	325.3	315.3	302.2	287.8	271.1	252.2	232.4	212.4	188.7	161.5
-75°	269.0	263.7	256.5	246.7	234.4	220.3	206.2	190.6	172.6	151.6	130.8
-77.5°	210.6	206.1	199.8	192.6	183.8	173.7	162.1	149.0	134.1	118.4	101.2
-80°	156.8	153.6	148.6	141.9	135.0	127.1	119.5	110.0	98.4	85.6	71.4
-82.5°	108.2	104.7	100.7	96.1	92.1	86.7	80.0	71.9	62.8	52.7	46.4
-85°	65.4	62.6	59.3	55.5	51.4	46.5	43.5	40.4	37.5	34.4	31.0
-87.5°	29.3	28.2	27.1	25.9	24.6	23.2	21.8	20.2	18.8	17.2	15.5
-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°	13.7	12.1	10.3	8.1	5.7	2.9	0.0
85°	27.3	24.2	20.5	16.2	11.4	5.7	0.0
82.5°	41.0	36.3	30.8	24.3	17.1	8.5	0.0
80°	56.2	48.4	41.0	32.4	22.7	11.4	0.0
77.5°	82.7	64.2	51.2	40.5	28.3	14.2	0.0
75°	109.1	87.0	62.9	48.5	33.8	16.9	0.0
72.5°	135.3	109.7	81.6	56.4	39.3	19.7	0.0
70°	162.1	132.2	100.2	65.5	44.7	22.4	0.0
67.5°	192.6	154.5	118.6	79.7	50.0	25.0	0.0
65°	223.1	178.8	136.8	93.7	55.2	27.6	0.0
62.5°	253.4	204.9	154.7	107.5	60.3	30.2	0.0
60°	283.5	230.8	172.4	121.0	65.3	32.7	0.0
57.5°	317.7	256.5	193.3	134.4	74.2	35.1	0.0
55°	352.0	281.8	214.0	147.4	82.9	37.5	0.0
52.5°	385.8	307.4	234.4	160.2	91.3	39.8	0.0
50°	419.2	335.5	254.4	172.6	99.5	42.0	0.0
47.5°	452.9	362.9	273.9	185.4	107.5	44.2	0.0
45°	491.9	389.8	293.1	199.8	115.1	46.2	0.0
42.5°	530.7	415.9	311.7	213.7	122.5	48.2	0.0
40°	569.0	441.4	330.8	226.7	129.6	50.1	0.0
37.5°	606.9	466.0	350.3	238.8	136.3	51.9	0.0
35°	644.2	494.0	369.1	250.1	142.7	53.6	0.0
32.5°	682.5	523.3	387.0	260.7	148.8	55.2	0.0
30°	723.3	551.6	404.2	270.4	154.5	56.6	0.0
27.5°	762.8	579.0	418.4	279.4	159.9	58.0	0.0
25°	800.8	605.1	431.6	287.6	164.8	59.3	0.0
22.5°	837.1	628.5	443.7	294.9	169.4	60.4	0.0
20°	871.6	646.3	454.9	301.4	173.6	61.5	0.0
17.5°	897.5	662.0	465.0	307.1	177.3	62.4	0.0
15°	916.9	675.4	474.0	312.0	180.6	63.2	0.0
12.5°	933.5	686.7	481.9	316.0	183.5	63.8	0.0
10°	947.2	695.9	488.6	319.3	185.9	64.4	0.0
7.5°	958.1	702.9	494.0	321.7	187.9	64.8	0.0
5°	966.0	707.8	498.2	323.3	189.4	65.2	0.0
2.5°	970.8	710.6	501.1	324.2	190.4	65.3	0.0
0°	972.7	711.3	502.7	324.2	191.0	65.4	0.0
-2.5°	970.8	710.6	501.1	324.2	190.4	65.3	0.0
-5°	966.0	707.8	498.2	323.3	189.4	65.2	0.0
-7.5°	958.1	702.9	494.0	321.7	187.9	64.8	0.0
-10°	947.2	695.9	488.6	319.3	185.9	64.4	0.0
-12.5°	933.5	686.7	481.9	316.0	183.5	63.8	0.0
-15°	916.9	675.4	474.0	312.0	180.6	63.2	0.0
-17.5°	897.5	662.0	465.0	307.1	177.3	62.4	0.0
-20°	871.6	646.3	454.9	301.4	173.6	61.5	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	837.1	628.5	443.7	294.9	169.4	60.4	0.0
-25°	800.8	605.1	431.6	287.6	164.8	59.3	0.0
-27.5°	762.8	579.0	418.4	279.4	159.9	58.0	0.0
-30°	723.3	551.6	404.2	270.4	154.5	56.6	0.0
-32.5°	682.5	523.3	387.0	260.7	148.8	55.2	0.0
-35°	644.2	494.0	369.1	250.1	142.7	53.6	0.0
-37.5°	606.9	466.0	350.3	238.8	136.3	51.9	0.0
-40°	569.0	441.4	330.8	226.7	129.6	50.1	0.0
-42.5°	530.7	415.9	311.7	213.7	122.5	48.2	0.0
-45°	491.9	389.8	293.1	199.8	115.1	46.2	0.0
-47.5°	452.9	362.9	273.9	185.4	107.5	44.2	0.0
-50°	419.2	335.5	254.4	172.6	99.5	42.0	0.0
-52.5°	385.8	307.4	234.4	160.2	91.3	39.8	0.0
-55°	352.0	281.8	214.0	147.4	82.9	37.5	0.0
-57.5°	317.7	256.5	193.3	134.4	74.2	35.1	0.0
-60°	283.5	230.8	172.4	121.0	65.3	32.7	0.0
-62.5°	253.4	204.9	154.7	107.5	60.3	30.2	0.0
-65°	223.1	178.8	136.8	93.7	55.2	27.6	0.0
-67.5°	192.6	154.5	118.6	79.7	50.0	25.0	0.0
-70°	162.1	132.2	100.2	65.5	44.7	22.4	0.0
-72.5°	135.3	109.7	81.6	56.4	39.3	19.7	0.0
-75°	109.1	87.0	62.9	48.5	33.8	16.9	0.0
-77.5°	82.7	64.2	51.2	40.5	28.3	14.2	0.0
-80°	56.2	48.4	41.0	32.4	22.7	11.4	0.0
-82.5°	41.0	36.3	30.8	24.3	17.1	8.5	0.0
-85°	27.3	24.2	20.5	16.2	11.4	5.7	0.0
-87.5°	13.7	12.1	10.3	8.1	5.7	2.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)