

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: P558634 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-930-U-WAF-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558634 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-8)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA2B-930-U-WAF-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7
Light Source: (32) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

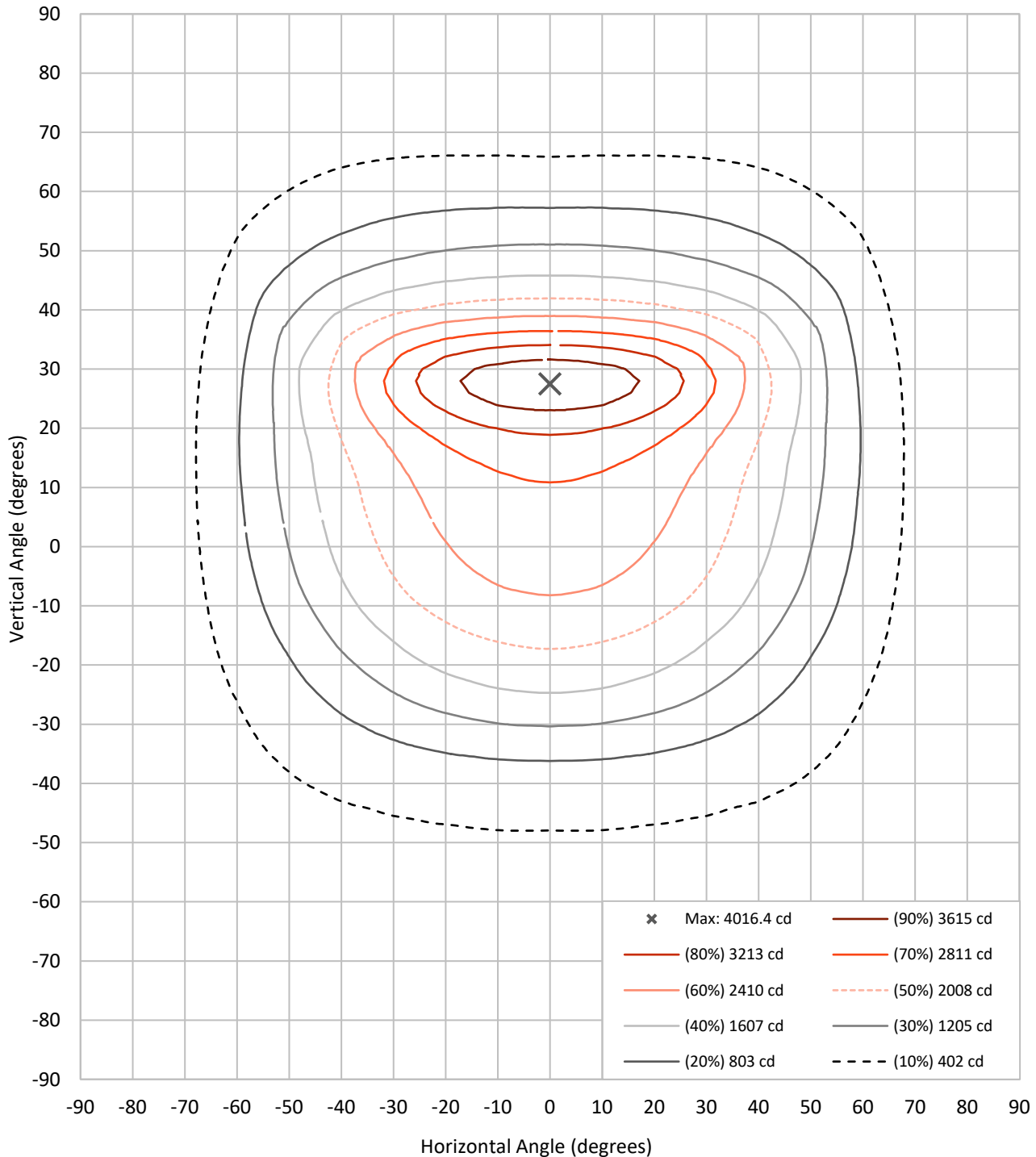
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	5855.2 lumens	Max Intensity:	4016.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	92.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	85°H x 59.2°V	Field Angle (10%):	134.5°H x 113.8°V
Beam Lumens:	3036.8 lumens	Field Lumens:	5416.5 lumens
Beam Efficiency:	51.9%	Field Efficiency:	92.5%
Input Watts (W):	63		
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		



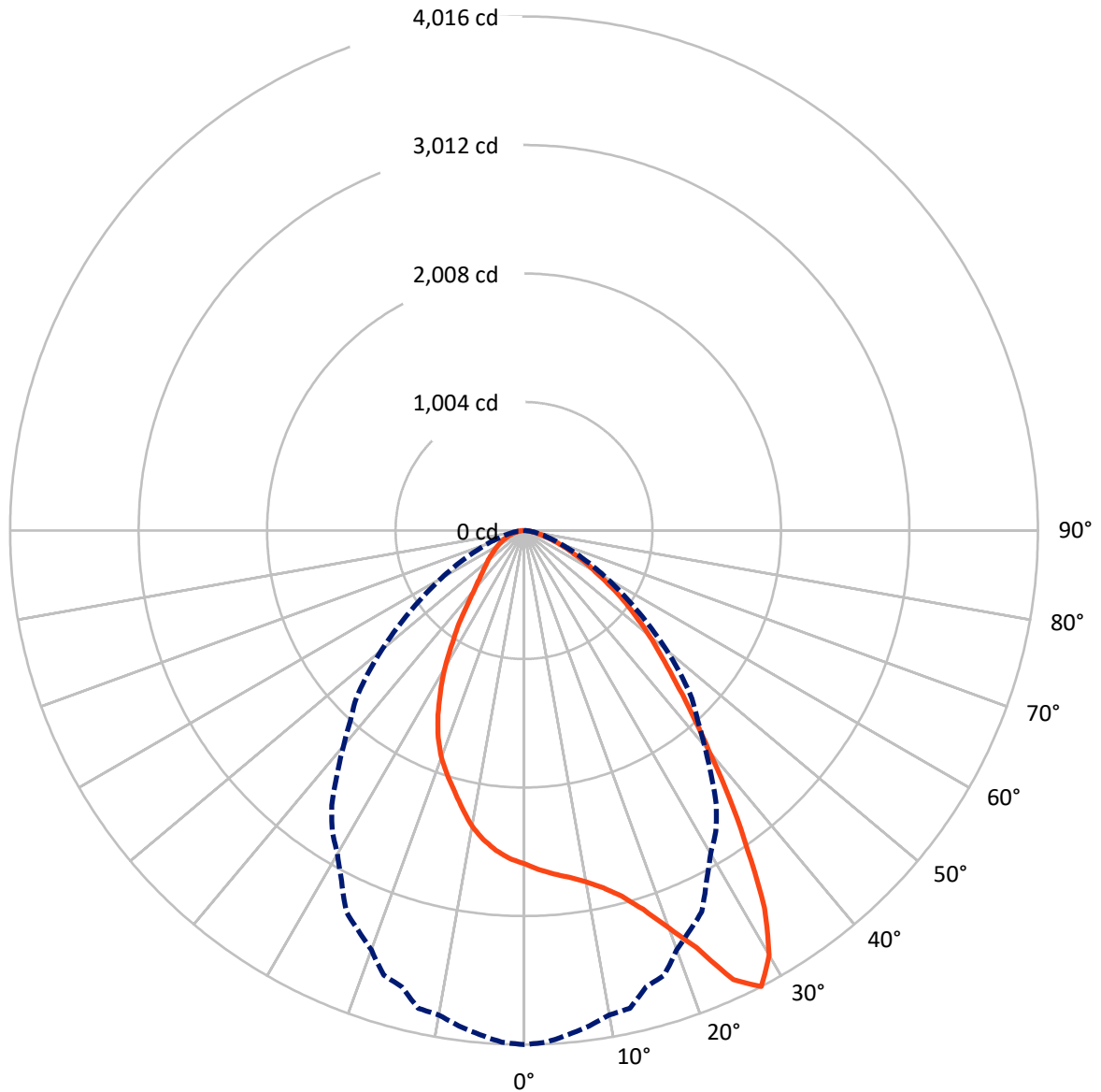
REPORT NUMBER: P558634 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot



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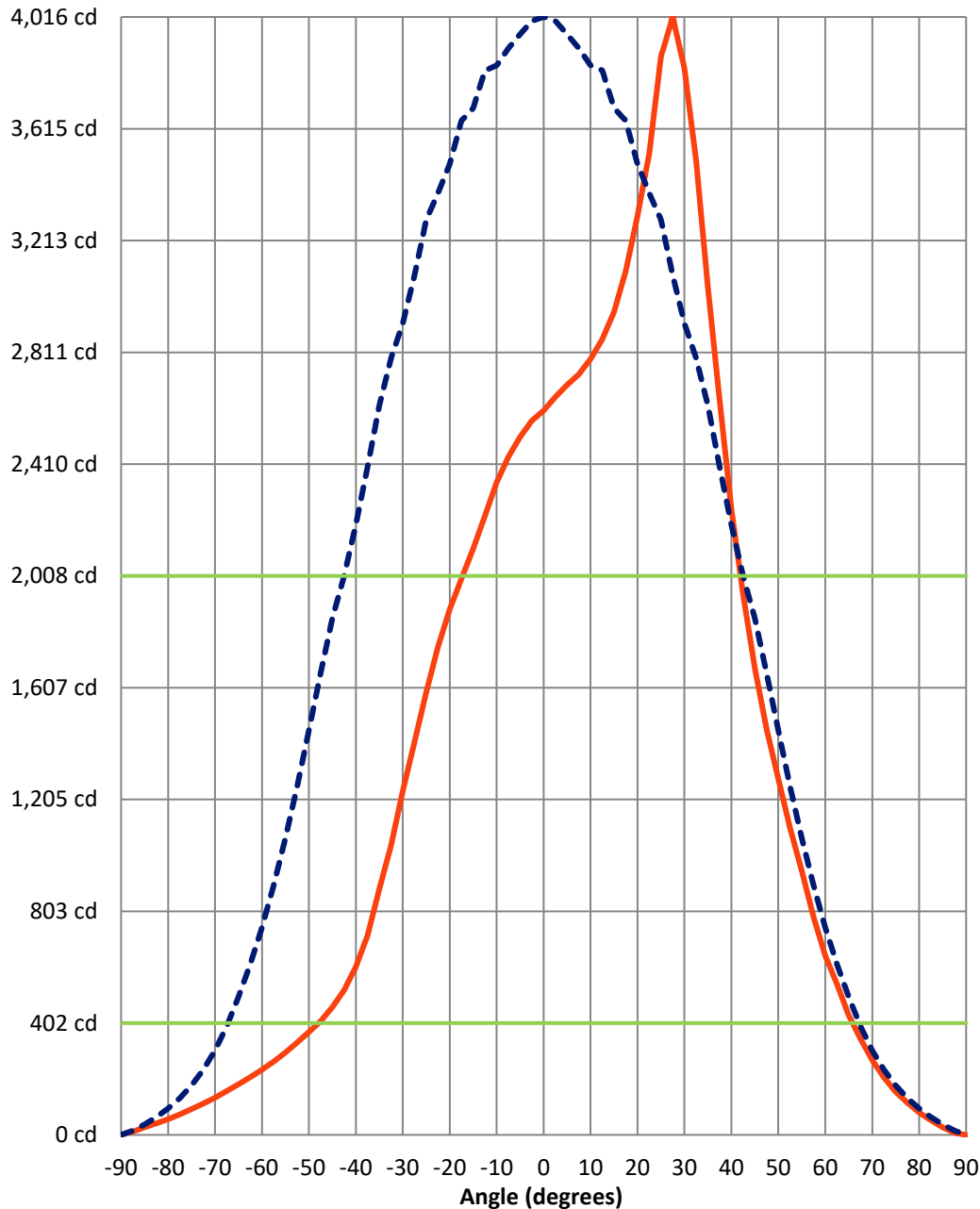
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 27.5-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 85°
 V Angle: 59.2°
 Lumens: 3036.8
 Efficiency: 51.9%

Field:
 H Angle: 134.5°
 V Angle: 113.8°
 Lumens: 5416.5
 Efficiency: 92.5%

Spill:
 Lumens: 438.6
 Efficiency: 7.5%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 27.5-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.8	1.6	2.3	3.1	3.8	4.5	5.2	5.8	6.4	7.1
85°	0.0	1.5	3.1	4.6	6.1	7.5	8.9	10.3	11.6	12.9	14.1
82.5°	0.0	2.3	4.7	6.9	9.1	11.3	13.4	15.4	17.8	21.7	25.7
80°	0.0	3.1	6.2	9.2	12.2	15.0	18.2	23.3	28.6	34.1	39.9
77.5°	0.0	3.8	7.7	11.5	15.2	19.6	25.9	32.5	39.4	46.5	54.8
75°	0.0	4.6	9.2	13.8	18.5	25.7	33.5	41.5	50.2	61.2	72.4
72.5°	0.0	5.3	10.7	16.0	23.1	31.8	40.9	51.2	63.7	76.6	89.8
70°	0.0	6.0	12.2	18.4	27.7	37.7	48.5	62.5	76.9	91.8	109.1
67.5°	0.0	6.7	13.7	21.7	32.2	43.5	57.8	73.7	89.9	109.2	128.6
65°	0.0	7.4	15.1	24.9	36.6	49.9	66.8	84.6	105.0	126.3	148.8
62.5°	0.0	8.1	16.5	28.0	40.9	56.9	75.5	96.7	119.7	143.5	171.1
60°	0.0	8.8	17.8	31.0	45.1	63.6	83.9	109.2	134.0	162.6	192.6
57.5°	0.0	9.4	19.7	34.0	50.0	70.1	93.3	121.1	149.6	180.9	217.2
55°	0.0	10.1	21.6	36.8	54.9	76.3	102.6	132.2	165.0	199.4	242.4
52.5°	0.0	10.7	23.4	39.6	59.5	82.4	111.3	144.0	179.7	220.2	266.2
50°	0.0	11.3	25.1	42.2	63.9	89.1	119.5	155.2	194.5	239.7	294.5
47.5°	0.0	11.8	26.8	44.9	68.0	95.4	127.3	165.7	210.4	257.9	321.6
45°	0.0	12.4	28.4	47.8	71.9	101.2	135.5	175.3	224.1	279.8	346.5
42.5°	0.0	12.9	29.9	50.5	75.6	106.7	143.0	185.4	236.8	300.1	374.5
40°	0.0	13.4	31.4	53.1	79.3	111.6	149.9	195.5	249.6	318.3	400.8
37.5°	0.0	13.9	32.7	55.6	83.0	116.2	156.1	204.7	263.4	334.9	424.3
35°	0.0	14.3	34.0	57.9	86.4	120.7	161.6	213.0	275.5	352.6	446.5
32.5°	0.0	14.7	35.2	60.1	89.5	124.9	166.9	220.3	286.0	367.7	466.2
30°	0.0	15.1	36.4	62.1	92.2	128.7	172.6	227.1	294.8	380.3	482.6
27.5°	0.0	15.5	37.4	63.9	94.8	131.9	177.5	234.1	303.1	390.3	495.6
25°	0.0	15.8	38.3	65.6	97.1	134.6	181.6	239.8	311.1	399.6	505.4
22.5°	0.0	16.1	39.2	67.0	99.0	136.9	185.0	244.3	317.1	407.0	513.8
20°	0.0	16.4	40.0	68.3	100.7	139.3	187.7	247.5	321.2	411.9	519.2
17.5°	0.0	16.6	40.6	69.4	102.0	141.2	190.0	249.5	323.4	414.2	521.7
15°	0.0	16.8	41.2	70.4	103.0	142.7	191.9	251.0	323.9	414.0	521.3
12.5°	0.0	17.0	41.7	71.1	103.8	143.8	193.1	252.0	323.8	411.6	518.2
10°	0.0	17.1	42.1	71.7	104.2	144.5	193.6	252.1	323.3	410.3	513.5
7.5°	0.0	17.2	42.3	72.1	104.3	144.8	193.4	251.2	321.4	407.7	508.3
5°	0.0	17.3	42.5	72.4	104.2	144.7	192.5	249.4	318.2	403.4	500.5
2.5°	0.0	17.3	42.6	72.4	103.8	144.2	191.0	246.8	313.8	397.4	490.4
0°	0.0	17.3	42.6	72.3	103.2	143.3	189.0	243.4	308.3	389.8	478.2
-2.5°	0.0	17.3	42.5	72.0	102.7	141.9	186.8	239.8	302.8	381.4	466.0
-5°	0.0	17.3	42.3	71.5	102.0	140.2	184.2	235.5	296.4	371.7	452.1
-7.5°	0.0	17.3	42.0	70.8	101.0	138.2	181.0	230.6	289.1	360.8	436.9
-10°	0.0	17.2	41.6	70.0	99.8	135.8	177.4	225.1	281.0	348.8	420.5
-12.5°	0.0	17.1	41.2	69.0	98.3	133.1	173.3	219.0	272.2	336.0	404.3
-15°	0.0	16.9	40.6	67.9	96.7	130.2	168.8	212.4	263.1	323.4	387.9
-17.5°	0.0	16.8	40.0	66.6	94.8	127.0	163.9	205.9	254.1	310.1	370.6
-20°	0.0	16.6	39.3	65.2	92.8	123.5	158.9	199.2	244.5	296.2	352.6



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 CATALOG NUMBER: GFLD-SA2B-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	16.3	38.5	63.7	90.5	119.9	153.8	192.1	234.6	281.8	334.0
-25°	0.0	16.0	37.6	62.0	88.0	116.3	148.4	184.5	224.3	267.1	315.0
-27.5°	0.0	15.7	36.6	60.2	85.3	112.5	142.8	176.5	213.7	252.8	297.0
-30°	0.0	15.4	35.6	58.3	82.5	108.5	136.9	168.2	203.4	239.8	279.0
-32.5°	0.0	15.0	34.5	56.2	79.5	104.3	130.8	160.5	193.2	226.7	261.1
-35°	0.0	14.6	33.4	54.1	76.4	99.8	125.0	152.8	182.7	213.7	243.4
-37.5°	0.0	14.2	32.2	51.8	73.2	95.3	119.4	145.0	171.9	200.6	228.7
-40°	0.0	13.7	30.9	49.5	69.8	91.0	113.5	137.0	160.9	187.9	214.8
-42.5°	0.0	13.2	29.6	47.1	66.4	86.6	107.4	129.0	151.0	175.7	200.7
-45°	0.0	12.7	28.2	44.5	63.0	82.0	101.2	121.2	141.6	163.4	186.5
-47.5°	0.0	12.2	26.8	41.9	59.5	77.3	94.8	113.7	132.3	151.1	172.9
-50°	0.0	11.6	25.3	39.6	55.9	72.5	88.9	106.1	123.1	140.8	159.4
-52.5°	0.0	11.0	23.8	37.3	52.2	67.6	83.0	98.3	114.2	130.4	146.1
-55°	0.0	10.4	22.2	34.9	48.4	62.8	77.1	90.5	105.3	119.7	134.4
-57.5°	0.0	9.7	20.6	32.5	44.5	57.9	71.0	83.6	96.3	109.5	122.5
-60°	0.0	9.1	18.9	30.0	40.5	53.0	65.0	76.6	87.4	99.3	110.7
-62.5°	0.0	8.4	17.5	27.5	37.2	47.9	59.0	69.5	79.4	89.0	99.5
-65°	0.0	7.7	16.1	24.9	33.8	42.8	52.9	62.4	71.3	79.8	88.2
-67.5°	0.0	7.0	14.6	22.3	30.3	38.0	46.7	55.3	63.1	70.7	77.9
-70°	0.0	6.2	13.0	19.6	26.7	33.7	40.5	48.2	55.2	61.6	67.9
-72.5°	0.0	5.5	11.5	17.1	23.2	29.2	35.1	41.0	47.4	53.1	58.1
-75°	0.0	4.7	9.9	14.7	19.5	24.8	29.8	34.7	39.5	44.5	49.0
-77.5°	0.0	3.9	8.3	12.3	16.3	20.3	24.5	28.7	32.6	36.3	40.0
-80°	0.0	3.2	6.6	9.9	13.0	16.1	19.2	22.6	25.8	28.8	31.7
-82.5°	0.0	2.4	5.0	7.4	9.8	12.1	14.3	16.6	19.0	21.4	23.6
-85°	0.0	1.6	3.3	5.0	6.5	8.1	9.6	11.1	12.6	14.1	15.6
-87.5°	0.0	0.8	1.7	2.5	3.3	4.0	4.8	5.6	6.3	7.1	7.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558634 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.4	7.7	8.0	8.1	8.5	8.7	9.0	9.2	9.3	9.5	9.5
85°	14.9	15.5	17.3	19.0	20.8	22.5	24.0	25.3	26.3	27.2	27.8
82.5°	29.0	32.1	35.0	37.8	40.3	42.6	44.7	47.2	49.2	50.9	52.3
80°	44.5	48.7	53.9	58.7	63.0	67.0	70.6	73.8	76.4	79.0	81.4
77.5°	62.5	69.4	75.7	81.6	87.3	93.9	100.0	105.7	110.0	113.3	115.8
75°	81.9	90.0	99.3	108.5	117.2	125.1	132.9	142.3	150.0	155.7	160.3
72.5°	102.6	114.3	125.6	136.7	149.4	161.7	173.7	185.3	195.4	202.9	208.9
70°	124.9	138.5	154.2	170.1	185.4	200.9	217.4	232.4	244.8	253.6	262.0
67.5°	147.8	166.8	185.4	204.5	226.2	245.8	263.9	282.9	299.7	310.8	320.4
65°	174.1	195.4	220.2	245.6	269.3	293.9	316.8	337.4	358.6	373.9	386.5
62.5°	199.6	229.5	258.8	288.4	318.3	345.1	374.9	401.4	422.7	444.7	463.5
60°	229.8	265.4	301.3	337.0	370.4	408.0	440.6	471.5	499.9	524.5	547.7
57.5°	259.9	305.9	348.3	390.3	434.5	474.7	513.0	547.6	581.6	610.0	637.8
55°	291.6	350.8	399.8	451.6	500.2	545.6	588.7	632.0	668.3	707.4	741.4
52.5°	326.8	394.4	457.7	514.7	569.5	621.9	673.5	725.6	776.5	817.1	855.6
50°	359.7	440.2	516.4	581.5	644.5	706.7	771.1	836.3	892.4	938.8	978.8
47.5°	395.9	482.8	579.6	651.6	727.2	804.3	882.5	954.5	1015.6	1078.7	1123.0
45°	431.1	526.0	631.0	730.9	818.3	911.7	997.9	1077.3	1165.8	1234.7	1293.8
42.5°	463.3	566.8	683.7	810.8	920.2	1020.4	1113.7	1225.3	1327.0	1407.6	1481.3
40°	496.5	604.0	731.6	885.1	1021.8	1128.8	1242.3	1365.6	1498.0	1597.2	1685.4
37.5°	526.8	642.0	775.4	941.8	1121.8	1239.4	1364.9	1498.8	1649.8	1798.9	1904.8
35°	553.6	674.2	819.0	987.9	1172.2	1346.6	1479.4	1622.0	1787.2	1980.7	2125.3
32.5°	577.9	700.5	853.5	1023.9	1210.8	1415.3	1583.8	1730.2	1895.9	2095.6	2341.3
30°	597.7	725.9	879.2	1049.9	1237.3	1441.1	1655.0	1814.4	1971.8	2167.7	2396.4
27.5°	612.8	744.6	896.9	1066.1	1251.5	1453.0	1658.8	1855.5	2007.8	2192.1	2400.1
25°	624.3	759.9	906.3	1072.1	1253.6	1447.8	1645.8	1832.0	2002.9	2165.4	2352.0
22.5°	633.8	770.4	916.6	1068.1	1244.2	1429.1	1615.4	1792.8	1958.3	2110.4	2271.0
20°	641.0	777.2	921.8	1072.0	1228.4	1398.9	1577.0	1745.8	1905.7	2053.0	2183.7
17.5°	644.2	779.2	921.7	1071.3	1225.7	1374.8	1529.9	1692.2	1849.4	1995.8	2124.9
15°	643.6	776.6	916.7	1065.6	1217.6	1365.4	1508.2	1642.2	1788.5	1936.5	2065.1
12.5°	639.4	769.5	906.7	1054.9	1204.6	1350.6	1490.8	1625.3	1756.6	1880.5	2003.5
10°	631.6	758.3	892.0	1039.4	1186.5	1330.4	1468.8	1603.8	1733.6	1855.3	1969.8
7.5°	623.6	745.8	874.4	1019.0	1163.5	1304.8	1442.0	1577.2	1704.5	1826.0	1941.6
5°	613.1	732.4	860.9	999.4	1138.7	1276.6	1410.9	1545.4	1669.3	1791.9	1908.0
2.5°	599.8	715.9	844.0	975.8	1111.1	1247.5	1377.2	1509.3	1636.3	1754.1	1868.4
0°	583.8	696.3	823.5	947.7	1078.7	1213.4	1338.2	1467.3	1599.5	1710.7	1822.5
-2.5°	566.4	672.8	793.7	917.3	1043.8	1176.0	1303.9	1426.3	1555.6	1668.0	1782.2
-5°	546.9	646.9	760.7	882.9	1004.9	1133.7	1264.0	1380.4	1503.9	1615.1	1727.4
-7.5°	525.6	618.9	725.1	844.3	960.5	1082.0	1205.4	1317.4	1437.4	1547.4	1656.8
-10°	503.1	591.3	690.4	800.7	910.2	1023.4	1139.4	1249.1	1364.5	1474.0	1579.3
-12.5°	481.6	564.1	654.7	755.0	857.2	961.8	1069.6	1175.5	1285.0	1395.0	1493.5
-15°	459.0	535.5	617.8	707.7	801.8	897.5	996.6	1096.7	1199.5	1307.2	1398.1
-17.5°	435.6	505.8	580.1	659.3	744.4	831.1	922.2	1018.9	1112.9	1211.0	1298.9
-20°	411.7	475.2	542.1	610.4	686.0	769.1	854.3	941.1	1026.6	1111.9	1194.5



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	387.5	443.9	504.9	564.9	636.9	711.9	786.6	862.0	938.7	1012.2	1090.3
-25°	364.1	414.9	468.7	527.1	588.9	655.0	719.3	782.9	850.9	919.8	987.1
-27.5°	341.5	386.4	437.2	489.2	540.7	599.6	655.8	709.8	769.1	829.9	884.2
-30°	318.9	361.5	406.0	452.2	497.5	546.6	595.2	642.6	690.9	743.0	790.0
-32.5°	297.9	336.8	377.3	417.8	456.2	494.4	539.3	581.3	620.9	658.0	699.1
-35°	278.8	314.4	349.6	384.5	416.2	449.7	487.3	522.7	554.4	584.2	615.6
-37.5°	260.7	292.4	322.0	353.3	381.4	410.1	437.8	468.4	494.2	518.0	543.7
-40°	242.6	270.9	297.6	323.6	349.5	373.4	397.0	417.9	438.6	461.5	479.2
-42.5°	224.7	251.1	274.9	294.9	319.2	339.9	358.2	375.6	392.5	410.3	424.5
-45°	208.9	231.4	253.2	272.3	290.5	308.2	323.7	337.3	353.3	365.7	376.4
-47.5°	193.0	212.5	232.4	250.1	265.3	279.6	291.2	304.8	318.0	328.6	334.9
-50°	177.3	195.2	212.0	228.5	242.3	253.8	263.8	275.0	285.9	295.0	300.9
-52.5°	162.9	177.8	193.4	207.4	220.2	230.5	240.0	249.8	257.8	264.0	271.8
-55°	148.7	162.4	175.4	188.0	198.9	208.3	217.7	226.3	233.1	238.5	245.0
-57.5°	135.3	147.7	159.0	169.6	179.4	187.5	196.5	204.0	210.3	215.3	222.0
-60°	122.3	133.3	143.7	152.9	160.9	168.9	176.3	183.1	188.6	193.6	199.7
-62.5°	109.3	119.3	128.6	137.1	144.4	151.0	157.7	163.4	168.1	173.2	178.3
-65°	97.2	105.6	113.7	121.4	128.3	134.6	140.1	144.8	149.2	153.8	157.8
-67.5°	85.1	92.9	99.7	105.9	112.2	118.3	123.4	127.8	131.4	135.1	138.6
-70°	74.2	80.5	86.7	92.2	97.1	102.2	107.1	111.2	114.4	117.4	120.2
-72.5°	63.5	69.1	74.2	79.0	83.4	87.5	91.4	95.1	98.1	100.4	102.4
-75°	53.4	57.7	62.2	66.4	69.9	73.1	76.1	79.0	81.5	83.5	85.1
-77.5°	43.7	47.4	50.8	54.0	56.5	59.1	61.4	63.5	65.4	66.9	68.0
-80°	34.4	37.0	39.8	42.4	44.4	46.1	47.5	48.8	50.2	51.6	52.9
-82.5°	25.6	27.5	29.3	31.1	32.5	33.7	34.7	35.7	36.7	37.6	38.4
-85°	16.8	17.9	19.0	20.1	21.2	22.1	22.9	23.6	24.2	24.6	25.0
-87.5°	8.4	8.9	9.5	9.9	10.4	10.9	11.4	11.8	12.1	12.3	12.5
-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: P558634 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-930-U-WAF-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°	9.6	9.6	9.6	9.6	9.5	9.1	8.7	8.2	7.7	8.0	8.2
85°	28.3	28.4	28.3	28.1	27.6	27.6	27.5	27.3	27.0	27.4	27.8
82.5°	53.3	53.7	53.8	53.5	53.0	53.2	53.3	53.2	52.9	53.2	53.5
80°	83.3	84.1	84.2	83.6	82.4	82.6	82.7	82.5	81.9	82.1	82.0
77.5°	118.7	120.5	121.2	120.9	119.7	119.4	118.6	117.0	114.7	114.6	114.7
75°	163.8	165.6	166.6	166.5	165.5	164.7	163.7	161.9	159.2	159.1	159.1
72.5°	213.6	216.3	217.6	218.7	218.7	218.3	216.9	214.2	210.1	209.6	210.1
70°	268.6	273.2	276.1	278.3	280.1	280.5	279.7	277.5	273.9	273.0	272.7
67.5°	329.8	337.2	342.8	346.5	350.1	352.6	353.6	352.6	349.7	348.7	349.1
65°	398.4	409.9	419.3	426.4	431.1	434.5	437.4	439.1	439.5	440.5	441.9
62.5°	478.7	492.7	505.8	514.7	519.3	522.5	532.0	537.4	539.0	539.3	541.4
60°	568.2	585.9	602.2	615.4	626.0	634.0	642.1	647.4	649.4	649.8	652.6
57.5°	666.1	688.3	707.5	727.8	742.0	750.3	761.0	772.0	777.8	779.4	786.2
55°	774.4	804.8	829.6	851.4	871.2	888.6	903.4	914.7	923.2	928.2	937.2
52.5°	894.2	929.9	955.8	981.4	1009.8	1029.8	1042.9	1064.0	1079.2	1087.6	1098.3
50°	1025.7	1065.5	1100.8	1127.6	1160.7	1188.0	1208.0	1227.9	1241.9	1249.8	1260.2
47.5°	1175.4	1224.4	1265.4	1290.3	1328.6	1360.9	1373.9	1388.9	1415.2	1427.8	1438.8
45°	1344.0	1406.4	1452.0	1490.9	1523.9	1560.0	1583.7	1600.8	1626.7	1639.6	1647.8
42.5°	1544.5	1614.0	1674.1	1720.8	1748.5	1795.3	1829.6	1839.2	1875.8	1900.7	1908.0
40°	1769.4	1846.5	1925.7	1978.9	2023.6	2071.2	2127.6	2159.0	2190.0	2214.4	2219.9
37.5°	2003.8	2106.9	2197.4	2266.1	2339.9	2410.1	2469.9	2502.5	2522.9	2569.5	2586.9
35°	2242.1	2348.5	2475.3	2582.0	2671.4	2758.1	2826.3	2880.1	2931.2	2973.2	2998.4
32.5°	2445.1	2559.6	2716.1	2875.8	2972.3	3066.3	3178.3	3239.8	3308.1	3363.4	3403.7
30°	2611.8	2720.7	2863.2	3063.6	3195.8	3291.0	3432.8	3517.8	3592.1	3685.8	3718.5
27.5°	2619.7	2789.9	2915.9	3088.5	3286.9	3383.5	3488.5	3643.0	3689.8	3823.5	3842.7
25°	2551.0	2729.6	2859.1	3003.2	3168.1	3285.7	3381.5	3510.0	3577.2	3663.2	3729.2
22.5°	2443.4	2600.9	2732.9	2855.1	2983.8	3090.8	3178.4	3268.8	3342.6	3409.3	3471.2
20°	2324.6	2474.1	2599.3	2704.4	2806.4	2905.6	2984.4	3060.3	3124.2	3181.4	3216.6
17.5°	2241.0	2348.5	2476.5	2584.1	2672.6	2750.4	2831.9	2895.5	2951.5	3003.0	3035.2
15°	2183.9	2286.1	2377.2	2476.0	2569.2	2643.4	2704.8	2770.3	2818.7	2863.1	2898.0
12.5°	2124.6	2229.9	2325.3	2407.6	2480.6	2561.6	2627.2	2678.7	2729.5	2764.3	2800.2
10°	2075.0	2173.7	2272.6	2359.4	2436.2	2503.0	2565.1	2622.8	2668.4	2707.5	2735.8
7.5°	2046.3	2143.0	2231.9	2315.2	2390.0	2461.2	2525.3	2578.3	2623.4	2663.9	2693.5
5°	2013.0	2108.7	2197.4	2282.6	2354.5	2422.9	2486.7	2541.2	2587.9	2624.0	2652.3
2.5°	1974.8	2069.2	2157.7	2244.3	2316.2	2382.1	2442.5	2495.6	2544.4	2578.7	2602.8
0°	1931.3	2025.8	2112.3	2193.8	2266.1	2337.2	2392.8	2446.5	2494.1	2528.1	2552.2
-2.5°	1887.4	1981.3	2070.8	2149.0	2220.7	2286.3	2345.5	2396.2	2441.7	2475.5	2496.7
-5°	1829.0	1922.4	2010.7	2089.5	2164.4	2230.3	2287.8	2339.4	2383.2	2420.1	2448.8
-7.5°	1758.3	1852.8	1941.0	2021.4	2096.0	2158.2	2213.5	2265.5	2312.2	2352.5	2387.8
-10°	1680.7	1774.0	1857.4	1932.7	2002.2	2065.5	2124.2	2175.7	2218.5	2257.9	2287.6
-12.5°	1590.2	1676.6	1758.2	1832.4	1900.4	1963.7	2019.6	2068.6	2111.7	2146.7	2173.4
-15°	1490.3	1572.4	1649.6	1725.5	1796.6	1859.0	1908.2	1959.8	1997.2	2031.1	2055.2
-17.5°	1383.5	1462.8	1544.1	1620.1	1685.8	1747.4	1801.5	1848.6	1887.8	1919.0	1946.2
-20°	1275.2	1356.0	1434.3	1506.7	1569.9	1627.0	1681.7	1727.0	1767.2	1801.1	1833.0



REPORT NUMBER: P558634 (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°
-22.5°	1166.5	1240.6	1314.0	1385.0	1444.7	1498.6	1546.6	1589.9	1625.3	1665.2	1693.4
-25°	1054.8	1119.7	1186.0	1248.7	1305.2	1358.2	1401.6	1439.6	1476.6	1515.1	1542.6
-27.5°	942.5	1000.0	1053.8	1109.2	1158.7	1204.7	1245.0	1278.2	1314.1	1339.8	1370.1
-30°	831.5	883.6	928.6	967.1	1013.6	1053.0	1084.4	1117.5	1147.1	1171.7	1197.1
-32.5°	737.5	773.1	809.0	841.3	872.2	904.6	929.9	958.7	979.1	1000.3	1020.8
-35°	647.2	674.6	698.5	728.6	751.8	769.5	790.6	811.7	819.8	842.8	855.1
-37.5°	565.4	583.4	605.6	626.7	643.9	657.1	675.9	686.9	692.8	707.6	715.6
-40°	495.4	506.7	527.5	541.8	552.2	561.8	577.4	584.6	592.6	600.0	600.2
-42.5°	433.7	448.4	462.5	473.8	480.3	491.2	498.6	499.3	509.7	516.3	517.3
-45°	383.4	398.2	409.4	417.7	424.2	433.6	438.3	441.0	449.4	453.9	455.9
-47.5°	344.7	355.1	364.7	371.1	379.7	386.7	390.1	394.6	401.0	405.1	408.0
-50°	310.7	318.9	326.2	332.1	340.6	346.8	350.2	355.6	360.4	363.4	365.7
-52.5°	280.8	288.1	293.2	298.9	306.0	311.5	315.7	321.1	325.1	327.7	329.7
-55°	252.8	259.7	264.6	270.8	275.9	279.5	283.1	288.4	292.4	295.1	296.8
-57.5°	228.0	233.2	238.1	243.7	248.5	252.5	255.7	258.7	261.2	263.4	265.1
-60°	204.9	209.1	213.6	218.0	221.6	224.4	227.9	230.6	232.3	233.3	234.7
-62.5°	182.6	186.4	190.4	193.9	196.8	199.3	202.0	204.2	205.8	206.9	207.7
-65°	161.5	164.7	168.1	171.0	173.5	175.6	177.6	179.1	180.2	181.1	181.9
-67.5°	141.7	144.3	146.6	148.7	150.5	152.3	154.0	155.2	155.9	156.6	157.4
-70°	122.6	124.6	126.2	127.4	128.5	129.9	131.6	132.8	133.4	134.2	134.8
-72.5°	104.1	105.7	106.9	107.9	108.5	109.4	110.6	111.5	112.2	112.8	113.1
-75°	86.3	87.5	88.7	89.5	89.9	90.6	91.2	91.5	91.5	91.8	91.9
-77.5°	68.9	70.1	71.2	72.0	72.4	72.9	73.4	73.6	73.6	73.7	73.5
-80°	53.8	54.7	55.3	55.9	56.2	56.6	56.8	56.9	56.7	56.8	56.9
-82.5°	39.1	39.9	40.5	40.9	41.2	41.6	41.9	42.1	42.3	42.3	42.2
-85°	25.3	25.7	26.0	26.3	26.6	26.7	26.8	26.8	26.8	26.8	26.8
-87.5°	12.6	12.5	12.3	12.1	11.8	11.9	11.9	12.0	12.0	12.1	12.2
-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: P558634 (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°
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°	8.4	8.6	8.0	7.4	8.0	8.6	8.4	8.2	8.0	7.7	8.2
85°	28.1	28.2	27.8	27.2	27.8	28.2	28.1	27.8	27.4	27.0	27.3
82.5°	53.5	53.4	53.0	52.5	53.0	53.4	53.5	53.5	53.2	52.9	53.2
80°	81.7	81.2	80.9	80.3	80.9	81.2	81.7	82.0	82.1	81.9	82.5
77.5°	114.4	113.7	114.7	115.5	114.7	113.7	114.4	114.7	114.6	114.7	117.0
75°	158.5	157.3	156.2	154.5	156.2	157.3	158.5	159.1	159.1	159.2	161.9
72.5°	209.9	208.9	207.9	206.3	207.9	208.9	209.9	210.1	209.6	210.1	214.2
70°	271.0	268.2	268.6	268.7	268.6	268.2	271.0	272.7	273.0	273.9	277.5
67.5°	347.9	345.3	345.7	345.4	345.7	345.3	347.9	349.1	348.7	349.7	352.6
65°	441.1	438.2	434.6	429.4	434.6	438.2	441.1	441.9	440.5	439.5	439.1
62.5°	541.1	538.5	540.0	541.2	540.0	538.5	541.1	541.4	539.3	539.0	537.4
60°	652.2	648.5	646.7	643.8	646.7	648.5	652.2	652.6	649.8	649.4	647.4
57.5°	789.3	788.7	787.1	782.8	787.1	788.7	789.3	786.2	779.4	777.8	772.0
55°	941.4	940.5	944.0	948.3	944.0	940.5	941.4	937.2	928.2	923.2	914.7
52.5°	1106.2	1109.0	1108.0	1102.2	1108.0	1109.0	1106.2	1098.3	1087.6	1079.2	1064.0
50°	1269.3	1272.5	1275.8	1278.9	1275.8	1272.5	1269.3	1260.2	1249.8	1241.9	1227.9
47.5°	1454.2	1462.4	1463.9	1458.0	1463.9	1462.4	1454.2	1438.8	1427.8	1415.2	1388.9
45°	1664.3	1669.2	1671.7	1676.7	1671.7	1669.2	1664.3	1647.8	1639.6	1626.7	1600.8
42.5°	1929.1	1934.8	1935.8	1941.2	1935.8	1934.8	1929.1	1908.0	1900.7	1875.8	1839.2
40°	2243.4	2252.7	2251.1	2248.8	2251.1	2252.7	2243.4	2219.9	2214.4	2190.0	2159.0
37.5°	2611.4	2627.2	2628.9	2638.7	2628.9	2627.2	2611.4	2586.9	2569.5	2522.9	2502.5
35°	3024.4	3043.0	3039.8	3044.6	3039.8	3043.0	3024.4	2998.4	2973.2	2931.2	2880.1
32.5°	3440.9	3468.9	3474.5	3498.0	3474.5	3468.9	3440.9	3403.7	3363.4	3308.1	3239.8
30°	3768.2	3807.4	3833.0	3831.0	3833.0	3807.4	3768.2	3718.5	3685.8	3592.1	3517.8
27.5°	3903.8	3954.5	4002.0	4016.4	4002.0	3954.5	3903.8	3842.7	3823.5	3689.8	3643.0
25°	3771.5	3808.6	3850.6	3873.0	3850.6	3808.6	3771.5	3729.2	3663.2	3577.2	3510.0
22.5°	3499.7	3523.8	3538.1	3526.4	3538.1	3523.8	3499.7	3471.2	3409.3	3342.6	3268.8
20°	3253.1	3283.6	3289.3	3301.6	3289.3	3283.6	3253.1	3216.6	3181.4	3124.2	3060.3
17.5°	3069.5	3089.5	3101.2	3103.9	3101.2	3089.5	3069.5	3035.2	3003.0	2951.5	2895.5
15°	2925.6	2941.6	2952.1	2956.8	2952.1	2941.6	2925.6	2898.0	2863.1	2818.7	2770.3
12.5°	2823.7	2843.2	2852.8	2858.6	2852.8	2843.2	2823.7	2800.2	2764.3	2729.5	2678.7
10°	2758.3	2777.2	2784.7	2787.5	2784.7	2777.2	2758.3	2735.8	2707.5	2668.4	2622.8
7.5°	2711.3	2723.4	2728.6	2732.6	2728.6	2723.4	2711.3	2693.5	2663.9	2623.4	2578.3
5°	2673.5	2683.2	2688.5	2694.3	2688.5	2683.2	2673.5	2652.3	2624.0	2587.9	2541.2
2.5°	2621.9	2635.7	2645.3	2651.0	2645.3	2635.7	2621.9	2602.8	2578.7	2544.4	2495.6
0°	2571.3	2584.3	2591.1	2602.2	2591.1	2584.3	2571.3	2552.2	2528.1	2494.1	2446.5
-2.5°	2515.6	2530.7	2548.5	2565.8	2548.5	2530.7	2515.6	2496.7	2475.5	2441.7	2396.2
-5°	2473.1	2493.0	2496.6	2507.7	2496.6	2493.0	2473.1	2448.8	2420.1	2383.2	2339.4
-7.5°	2408.9	2417.9	2433.3	2436.0	2433.3	2417.9	2408.9	2387.8	2352.5	2312.2	2265.5
-10°	2309.9	2324.6	2334.2	2344.0	2334.2	2324.6	2309.9	2287.6	2257.9	2218.5	2175.7
-12.5°	2193.6	2210.8	2226.3	2224.1	2226.3	2210.8	2193.6	2173.4	2146.7	2111.7	2068.6
-15°	2080.2	2096.9	2107.5	2106.1	2107.5	2096.9	2080.2	2055.2	2031.1	1997.2	1959.8
-17.5°	1967.8	1983.0	1998.4	1998.0	1998.4	1983.0	1967.8	1946.2	1919.0	1887.8	1848.6
-20°	1851.6	1864.7	1881.1	1888.0	1881.1	1864.7	1851.6	1833.0	1801.1	1767.2	1727.0



REPORT NUMBER: P558634 (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°	1717.3	1734.0	1746.0	1753.3	1746.0	1734.0	1717.3	1693.4	1665.2	1625.3	1589.9
-25°	1560.8	1577.9	1587.0	1590.2	1587.0	1577.9	1560.8	1542.6	1515.1	1476.6	1439.6
-27.5°	1387.9	1407.1	1416.4	1411.7	1416.4	1407.1	1387.9	1370.1	1339.8	1314.1	1278.2
-30°	1210.6	1222.9	1224.3	1235.0	1224.3	1222.9	1210.6	1197.1	1171.7	1147.1	1117.5
-32.5°	1035.5	1043.8	1039.1	1039.8	1039.1	1043.8	1035.5	1020.8	1000.3	979.1	958.7
-35°	862.7	869.4	870.7	882.8	870.7	869.4	862.7	855.1	842.8	819.8	811.7
-37.5°	723.9	726.5	722.5	716.7	722.5	726.5	723.9	715.6	707.6	692.8	686.9
-40°	606.0	608.1	606.6	603.6	606.6	608.1	606.0	600.2	600.0	592.6	584.6
-42.5°	521.3	521.3	519.9	519.6	519.9	521.3	521.3	517.3	516.3	509.7	499.3
-45°	458.7	459.4	459.3	459.0	459.3	459.4	458.7	455.9	453.9	449.4	441.0
-47.5°	410.1	410.3	409.7	408.4	409.7	410.3	410.1	408.0	405.1	401.0	394.6
-50°	367.1	367.1	367.9	369.4	367.9	367.1	367.1	365.7	363.4	360.4	355.6
-52.5°	330.8	330.8	331.2	331.8	331.2	330.8	330.8	329.7	327.7	325.1	321.1
-55°	297.6	297.4	296.9	295.9	296.9	297.4	297.6	296.8	295.1	292.4	288.4
-57.5°	265.8	265.4	264.6	263.2	264.6	265.4	265.8	265.1	263.4	261.2	258.7
-60°	235.5	235.6	235.2	234.1	235.2	235.6	235.5	234.7	233.3	232.3	230.6
-62.5°	207.9	207.5	207.4	207.0	207.4	207.5	207.9	207.7	206.9	205.8	204.2
-65°	182.0	181.6	181.7	181.6	181.7	181.6	182.0	181.9	181.1	180.2	179.1
-67.5°	157.7	157.6	157.7	157.5	157.7	157.6	157.7	157.4	156.6	155.9	155.2
-70°	135.2	135.3	134.6	133.4	134.6	135.3	135.2	134.8	134.2	133.4	132.8
-72.5°	113.0	112.6	112.6	112.4	112.6	112.6	113.0	113.1	112.8	112.2	111.5
-75°	91.9	91.7	92.3	92.7	92.3	91.7	91.9	91.9	91.8	91.5	91.5
-77.5°	73.2	72.6	73.1	73.5	73.1	72.6	73.2	73.5	73.7	73.6	73.6
-80°	56.8	56.6	56.4	56.2	56.4	56.6	56.8	56.9	56.8	56.7	56.9
-82.5°	42.1	41.8	41.7	41.4	41.7	41.8	42.1	42.2	42.3	42.3	42.1
-85°	26.7	26.5	26.9	27.2	26.9	26.5	26.7	26.8	26.8	26.8	26.8
-87.5°	12.3	12.4	12.0	11.7	12.0	12.4	12.3	12.2	12.1	12.0	12.0
-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: P558634 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-930-U-WAF-XX

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°	8.7	9.1	9.5	9.6	9.6	9.6	9.6	9.5	9.5	9.3	9.2
85°	27.5	27.6	27.6	28.1	28.3	28.4	28.3	27.8	27.2	26.3	25.3
82.5°	53.3	53.2	53.0	53.5	53.8	53.7	53.3	52.3	50.9	49.2	47.2
80°	82.7	82.6	82.4	83.6	84.2	84.1	83.3	81.4	79.0	76.4	73.8
77.5°	118.6	119.4	119.7	120.9	121.2	120.5	118.7	115.8	113.3	110.0	105.7
75°	163.7	164.7	165.5	166.5	166.6	165.6	163.8	160.3	155.7	150.0	142.3
72.5°	216.9	218.3	218.7	218.7	217.6	216.3	213.6	208.9	202.9	195.4	185.3
70°	279.7	280.5	280.1	278.3	276.1	273.2	268.6	262.0	253.6	244.8	232.4
67.5°	353.6	352.6	350.1	346.5	342.8	337.2	329.8	320.4	310.8	299.7	282.9
65°	437.4	434.5	431.1	426.4	419.3	409.9	398.4	386.5	373.9	358.6	337.4
62.5°	532.0	522.5	519.3	514.7	505.8	492.7	478.7	463.5	444.7	422.7	401.4
60°	642.1	634.0	626.0	615.4	602.2	585.9	568.2	547.7	524.5	499.9	471.5
57.5°	761.0	750.3	742.0	727.8	707.5	688.3	666.1	637.8	610.0	581.6	547.6
55°	903.4	888.6	871.2	851.4	829.6	804.8	774.4	741.4	707.4	668.3	632.0
52.5°	1042.9	1029.8	1009.8	981.4	955.8	929.9	894.2	855.6	817.1	776.5	725.6
50°	1208.0	1188.0	1160.7	1127.6	1100.8	1065.5	1025.7	978.8	938.8	892.4	836.3
47.5°	1373.9	1360.9	1328.6	1290.3	1265.4	1224.4	1175.4	1123.0	1078.7	1015.6	954.5
45°	1583.7	1560.0	1523.9	1490.9	1452.0	1406.4	1344.0	1293.8	1234.7	1165.8	1077.3
42.5°	1829.6	1795.3	1748.5	1720.8	1674.1	1614.0	1544.5	1481.3	1407.6	1327.0	1225.3
40°	2127.6	2071.2	2023.6	1978.9	1925.7	1846.5	1769.4	1685.4	1597.2	1498.0	1365.6
37.5°	2469.9	2410.1	2339.9	2266.1	2197.4	2106.9	2003.8	1904.8	1798.9	1649.8	1498.8
35°	2826.3	2758.1	2671.4	2582.0	2475.3	2348.5	2242.1	2125.3	1980.7	1787.2	1622.0
32.5°	3178.3	3066.3	2972.3	2875.8	2716.1	2559.6	2445.1	2341.3	2095.6	1895.9	1730.2
30°	3432.8	3291.0	3195.8	3063.6	2863.2	2720.7	2611.8	2396.4	2167.7	1971.8	1814.4
27.5°	3488.5	3383.5	3286.9	3088.5	2915.9	2789.9	2619.7	2400.1	2192.1	2007.8	1855.5
25°	3381.5	3285.7	3168.1	3003.2	2859.1	2729.6	2551.0	2352.0	2165.4	2002.9	1832.0
22.5°	3178.4	3090.8	2983.8	2855.1	2732.9	2600.9	2443.4	2271.0	2110.4	1958.3	1792.8
20°	2984.4	2905.6	2806.4	2704.4	2599.3	2474.1	2324.6	2183.7	2053.0	1905.7	1745.8
17.5°	2831.9	2750.4	2672.6	2584.1	2476.5	2348.5	2241.0	2124.9	1995.8	1849.4	1692.2
15°	2704.8	2643.4	2569.2	2476.0	2377.2	2286.1	2183.9	2065.1	1936.5	1788.5	1642.2
12.5°	2627.2	2561.6	2480.6	2407.6	2325.3	2229.9	2124.6	2003.5	1880.5	1756.6	1625.3
10°	2565.1	2503.0	2436.2	2359.4	2272.6	2173.7	2075.0	1969.8	1855.3	1733.6	1603.8
7.5°	2525.3	2461.2	2390.0	2315.2	2231.9	2143.0	2046.3	1941.6	1826.0	1704.5	1577.2
5°	2486.7	2422.9	2354.5	2282.6	2197.4	2108.7	2013.0	1908.0	1791.9	1669.3	1545.4
2.5°	2442.5	2382.1	2316.2	2244.3	2157.7	2069.2	1974.8	1868.4	1754.1	1636.3	1509.3
0°	2392.8	2337.2	2266.1	2193.8	2112.3	2025.8	1931.3	1822.5	1710.7	1599.5	1467.3
-2.5°	2345.5	2286.3	2220.7	2149.0	2070.8	1981.3	1887.4	1782.2	1668.0	1555.6	1426.3
-5°	2287.8	2230.3	2164.4	2089.5	2010.7	1922.4	1829.0	1727.4	1615.1	1503.9	1380.4
-7.5°	2213.5	2158.2	2096.0	2021.4	1941.0	1852.8	1758.3	1656.8	1547.4	1437.4	1317.4
-10°	2124.2	2065.5	2002.2	1932.7	1857.4	1774.0	1680.7	1579.3	1474.0	1364.5	1249.1
-12.5°	2019.6	1963.7	1900.4	1832.4	1758.2	1676.6	1590.2	1493.5	1395.0	1285.0	1175.5
-15°	1908.2	1859.0	1796.6	1725.5	1649.6	1572.4	1490.3	1398.1	1307.2	1199.5	1096.7
-17.5°	1801.5	1747.4	1685.8	1620.1	1544.1	1462.8	1383.5	1298.9	1211.0	1112.9	1018.9
-20°	1681.7	1627.0	1569.9	1506.7	1434.3	1356.0	1275.2	1194.5	1111.9	1026.6	941.1



REPORT NUMBER: P558634 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1546.6	1498.6	1444.7	1385.0	1314.0	1240.6	1166.5	1090.3	1012.2	938.7	862.0
-25°	1401.6	1358.2	1305.2	1248.7	1186.0	1119.7	1054.8	987.1	919.8	850.9	782.9
-27.5°	1245.0	1204.7	1158.7	1109.2	1053.8	1000.0	942.5	884.2	829.9	769.1	709.8
-30°	1084.4	1053.0	1013.6	967.1	928.6	883.6	831.5	790.0	743.0	690.9	642.6
-32.5°	929.9	904.6	872.2	841.3	809.0	773.1	737.5	699.1	658.0	620.9	581.3
-35°	790.6	769.5	751.8	728.6	698.5	674.6	647.2	615.6	584.2	554.4	522.7
-37.5°	675.9	657.1	643.9	626.7	605.6	583.4	565.4	543.7	518.0	494.2	468.4
-40°	577.4	561.8	552.2	541.8	527.5	506.7	495.4	479.2	461.5	438.6	417.9
-42.5°	498.6	491.2	480.3	473.8	462.5	448.4	433.7	424.5	410.3	392.5	375.6
-45°	438.3	433.6	424.2	417.7	409.4	398.2	383.4	376.4	365.7	353.3	337.3
-47.5°	390.1	386.7	379.7	371.1	364.7	355.1	344.7	334.9	328.6	318.0	304.8
-50°	350.2	346.8	340.6	332.1	326.2	318.9	310.7	300.9	295.0	285.9	275.0
-52.5°	315.7	311.5	306.0	298.9	293.2	288.1	280.8	271.8	264.0	257.8	249.8
-55°	283.1	279.5	275.9	270.8	264.6	259.7	252.8	245.0	238.5	233.1	226.3
-57.5°	255.7	252.5	248.5	243.7	238.1	233.2	228.0	222.0	215.3	210.3	204.0
-60°	227.9	224.4	221.6	218.0	213.6	209.1	204.9	199.7	193.6	188.6	183.1
-62.5°	202.0	199.3	196.8	193.9	190.4	186.4	182.6	178.3	173.2	168.1	163.4
-65°	177.6	175.6	173.5	171.0	168.1	164.7	161.5	157.8	153.8	149.2	144.8
-67.5°	154.0	152.3	150.5	148.7	146.6	144.3	141.7	138.6	135.1	131.4	127.8
-70°	131.6	129.9	128.5	127.4	126.2	124.6	122.6	120.2	117.4	114.4	111.2
-72.5°	110.6	109.4	108.5	107.9	106.9	105.7	104.1	102.4	100.4	98.1	95.1
-75°	91.2	90.6	89.9	89.5	88.7	87.5	86.3	85.1	83.5	81.5	79.0
-77.5°	73.4	72.9	72.4	72.0	71.2	70.1	68.9	68.0	66.9	65.4	63.5
-80°	56.8	56.6	56.2	55.9	55.3	54.7	53.8	52.9	51.6	50.2	48.8
-82.5°	41.9	41.6	41.2	40.9	40.5	39.9	39.1	38.4	37.6	36.7	35.7
-85°	26.8	26.7	26.6	26.3	26.0	25.7	25.3	25.0	24.6	24.2	23.6
-87.5°	11.9	11.9	11.8	12.1	12.3	12.5	12.6	12.5	12.3	12.1	11.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558634 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-930-U-WAF-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°	9.0	8.7	8.5	8.1	8.0	7.7	7.4	7.1	6.4	5.8	5.2
85°	24.0	22.5	20.8	19.0	17.3	15.5	14.9	14.1	12.9	11.6	10.3
82.5°	44.7	42.6	40.3	37.8	35.0	32.1	29.0	25.7	21.7	17.8	15.4
80°	70.6	67.0	63.0	58.7	53.9	48.7	44.5	39.9	34.1	28.6	23.3
77.5°	100.0	93.9	87.3	81.6	75.7	69.4	62.5	54.8	46.5	39.4	32.5
75°	132.9	125.1	117.2	108.5	99.3	90.0	81.9	72.4	61.2	50.2	41.5
72.5°	173.7	161.7	149.4	136.7	125.6	114.3	102.6	89.8	76.6	63.7	51.2
70°	217.4	200.9	185.4	170.1	154.2	138.5	124.9	109.1	91.8	76.9	62.5
67.5°	263.9	245.8	226.2	204.5	185.4	166.8	147.8	128.6	109.2	89.9	73.7
65°	316.8	293.9	269.3	245.6	220.2	195.4	174.1	148.8	126.3	105.0	84.6
62.5°	374.9	345.1	318.3	288.4	258.8	229.5	199.6	171.1	143.5	119.7	96.7
60°	440.6	408.0	370.4	337.0	301.3	265.4	229.8	192.6	162.6	134.0	109.2
57.5°	513.0	474.7	434.5	390.3	348.3	305.9	259.9	217.2	180.9	149.6	121.1
55°	588.7	545.6	500.2	451.6	399.8	350.8	291.6	242.4	199.4	165.0	132.2
52.5°	673.5	621.9	569.5	514.7	457.7	394.4	326.8	266.2	220.2	179.7	144.0
50°	771.1	706.7	644.5	581.5	516.4	440.2	359.7	294.5	239.7	194.5	155.2
47.5°	882.5	804.3	727.2	651.6	579.6	482.8	395.9	321.6	257.9	210.4	165.7
45°	997.9	911.7	818.3	730.9	631.0	526.0	431.1	346.5	279.8	224.1	175.3
42.5°	1113.7	1020.4	920.2	810.8	683.7	566.8	463.3	374.5	300.1	236.8	185.4
40°	1242.3	1128.8	1021.8	885.1	731.6	604.0	496.5	400.8	318.3	249.6	195.5
37.5°	1364.9	1239.4	1121.8	941.8	775.4	642.0	526.8	424.3	334.9	263.4	204.7
35°	1479.4	1346.6	1172.2	987.9	819.0	674.2	553.6	446.5	352.6	275.5	213.0
32.5°	1583.8	1415.3	1210.8	1023.9	853.5	700.5	577.9	466.2	367.7	286.0	220.3
30°	1655.0	1441.1	1237.3	1049.9	879.2	725.9	597.7	482.6	380.3	294.8	227.1
27.5°	1658.8	1453.0	1251.5	1066.1	896.9	744.6	612.8	495.6	390.3	303.1	234.1
25°	1645.8	1447.8	1253.6	1072.1	906.3	759.9	624.3	505.4	399.6	311.1	239.8
22.5°	1615.4	1429.1	1244.2	1068.1	916.6	770.4	633.8	513.8	407.0	317.1	244.3
20°	1577.0	1398.9	1228.4	1072.0	921.8	777.2	641.0	519.2	411.9	321.2	247.5
17.5°	1529.9	1374.8	1225.7	1071.3	921.7	779.2	644.2	521.7	414.2	323.4	249.5
15°	1508.2	1365.4	1217.6	1065.6	916.7	776.6	643.6	521.3	414.0	323.9	251.0
12.5°	1490.8	1350.6	1204.6	1054.9	906.7	769.5	639.4	518.2	411.6	323.8	252.0
10°	1468.8	1330.4	1186.5	1039.4	892.0	758.3	631.6	513.5	410.3	323.3	252.1
7.5°	1442.0	1304.8	1163.5	1019.0	874.4	745.8	623.6	508.3	407.7	321.4	251.2
5°	1410.9	1276.6	1138.7	999.4	860.9	732.4	613.1	500.5	403.4	318.2	249.4
2.5°	1377.2	1247.5	1111.1	975.8	844.0	715.9	599.8	490.4	397.4	313.8	246.8
0°	1338.2	1213.4	1078.7	947.7	823.5	696.3	583.8	478.2	389.8	308.3	243.4
-2.5°	1303.9	1176.0	1043.8	917.3	793.7	672.8	566.4	466.0	381.4	302.8	239.8
-5°	1264.0	1133.7	1004.9	882.9	760.7	646.9	546.9	452.1	371.7	296.4	235.5
-7.5°	1205.4	1082.0	960.5	844.3	725.1	618.9	525.6	436.9	360.8	289.1	230.6
-10°	1139.4	1023.4	910.2	800.7	690.4	591.3	503.1	420.5	348.8	281.0	225.1
-12.5°	1069.6	961.8	857.2	755.0	654.7	564.1	481.6	404.3	336.0	272.2	219.0
-15°	996.6	897.5	801.8	707.7	617.8	535.5	459.0	387.9	323.4	263.1	212.4
-17.5°	922.2	831.1	744.4	659.3	580.1	505.8	435.6	370.6	310.1	254.1	205.9
-20°	854.3	769.1	686.0	610.4	542.1	475.2	411.7	352.6	296.2	244.5	199.2



REPORT NUMBER: P558634 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-930-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	786.6	711.9	636.9	564.9	504.9	443.9	387.5	334.0	281.8	234.6	192.1
-25°	719.3	655.0	588.9	527.1	468.7	414.9	364.1	315.0	267.1	224.3	184.5
-27.5°	655.8	599.6	540.7	489.2	437.2	386.4	341.5	297.0	252.8	213.7	176.5
-30°	595.2	546.6	497.5	452.2	406.0	361.5	318.9	279.0	239.8	203.4	168.2
-32.5°	539.3	494.4	456.2	417.8	377.3	336.8	297.9	261.1	226.7	193.2	160.5
-35°	487.3	449.7	416.2	384.5	349.6	314.4	278.8	243.4	213.7	182.7	152.8
-37.5°	437.8	410.1	381.4	353.3	322.0	292.4	260.7	228.7	200.6	171.9	145.0
-40°	397.0	373.4	349.5	323.6	297.6	270.9	242.6	214.8	187.9	160.9	137.0
-42.5°	358.2	339.9	319.2	294.9	274.9	251.1	224.7	200.7	175.7	151.0	129.0
-45°	323.7	308.2	290.5	272.3	253.2	231.4	208.9	186.5	163.4	141.6	121.2
-47.5°	291.2	279.6	265.3	250.1	232.4	212.5	193.0	172.9	151.1	132.3	113.7
-50°	263.8	253.8	242.3	228.5	212.0	195.2	177.3	159.4	140.8	123.1	106.1
-52.5°	240.0	230.5	220.2	207.4	193.4	177.8	162.9	146.1	130.4	114.2	98.3
-55°	217.7	208.3	198.9	188.0	175.4	162.4	148.7	134.4	119.7	105.3	90.5
-57.5°	196.5	187.5	179.4	169.6	159.0	147.7	135.3	122.5	109.5	96.3	83.6
-60°	176.3	168.9	160.9	152.9	143.7	133.3	122.3	110.7	99.3	87.4	76.6
-62.5°	157.7	151.0	144.4	137.1	128.6	119.3	109.3	99.5	89.0	79.4	69.5
-65°	140.1	134.6	128.3	121.4	113.7	105.6	97.2	88.2	79.8	71.3	62.4
-67.5°	123.4	118.3	112.2	105.9	99.7	92.9	85.1	77.9	70.7	63.1	55.3
-70°	107.1	102.2	97.1	92.2	86.7	80.5	74.2	67.9	61.6	55.2	48.2
-72.5°	91.4	87.5	83.4	79.0	74.2	69.1	63.5	58.1	53.1	47.4	41.0
-75°	76.1	73.1	69.9	66.4	62.2	57.7	53.4	49.0	44.5	39.5	34.7
-77.5°	61.4	59.1	56.5	54.0	50.8	47.4	43.7	40.0	36.3	32.6	28.7
-80°	47.5	46.1	44.4	42.4	39.8	37.0	34.4	31.7	28.8	25.8	22.6
-82.5°	34.7	33.7	32.5	31.1	29.3	27.5	25.6	23.6	21.4	19.0	16.6
-85°	22.9	22.1	21.2	20.1	19.0	17.9	16.8	15.6	14.1	12.6	11.1
-87.5°	11.4	10.9	10.4	9.9	9.5	8.9	8.4	7.8	7.1	6.3	5.6
-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):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.5	3.8	3.1	2.3	1.6	0.8	0.0
85°	8.9	7.5	6.1	4.6	3.1	1.5	0.0
82.5°	13.4	11.3	9.1	6.9	4.7	2.3	0.0
80°	18.2	15.0	12.2	9.2	6.2	3.1	0.0
77.5°	25.9	19.6	15.2	11.5	7.7	3.8	0.0
75°	33.5	25.7	18.5	13.8	9.2	4.6	0.0
72.5°	40.9	31.8	23.1	16.0	10.7	5.3	0.0
70°	48.5	37.7	27.7	18.4	12.2	6.0	0.0
67.5°	57.8	43.5	32.2	21.7	13.7	6.7	0.0
65°	66.8	49.9	36.6	24.9	15.1	7.4	0.0
62.5°	75.5	56.9	40.9	28.0	16.5	8.1	0.0
60°	83.9	63.6	45.1	31.0	17.8	8.8	0.0
57.5°	93.3	70.1	50.0	34.0	19.7	9.4	0.0
55°	102.6	76.3	54.9	36.8	21.6	10.1	0.0
52.5°	111.3	82.4	59.5	39.6	23.4	10.7	0.0
50°	119.5	89.1	63.9	42.2	25.1	11.3	0.0
47.5°	127.3	95.4	68.0	44.9	26.8	11.8	0.0
45°	135.5	101.2	71.9	47.8	28.4	12.4	0.0
42.5°	143.0	106.7	75.6	50.5	29.9	12.9	0.0
40°	149.9	111.6	79.3	53.1	31.4	13.4	0.0
37.5°	156.1	116.2	83.0	55.6	32.7	13.9	0.0
35°	161.6	120.7	86.4	57.9	34.0	14.3	0.0
32.5°	166.9	124.9	89.5	60.1	35.2	14.7	0.0
30°	172.6	128.7	92.2	62.1	36.4	15.1	0.0
27.5°	177.5	131.9	94.8	63.9	37.4	15.5	0.0
25°	181.6	134.6	97.1	65.6	38.3	15.8	0.0
22.5°	185.0	136.9	99.0	67.0	39.2	16.1	0.0
20°	187.7	139.3	100.7	68.3	40.0	16.4	0.0
17.5°	190.0	141.2	102.0	69.4	40.6	16.6	0.0
15°	191.9	142.7	103.0	70.4	41.2	16.8	0.0
12.5°	193.1	143.8	103.8	71.1	41.7	17.0	0.0
10°	193.6	144.5	104.2	71.7	42.1	17.1	0.0
7.5°	193.4	144.8	104.3	72.1	42.3	17.2	0.0
5°	192.5	144.7	104.2	72.4	42.5	17.3	0.0
2.5°	191.0	144.2	103.8	72.4	42.6	17.3	0.0
0°	189.0	143.3	103.2	72.3	42.6	17.3	0.0
-2.5°	186.8	141.9	102.7	72.0	42.5	17.3	0.0
-5°	184.2	140.2	102.0	71.5	42.3	17.3	0.0
-7.5°	181.0	138.2	101.0	70.8	42.0	17.3	0.0
-10°	177.4	135.8	99.8	70.0	41.6	17.2	0.0
-12.5°	173.3	133.1	98.3	69.0	41.2	17.1	0.0
-15°	168.8	130.2	96.7	67.9	40.6	16.9	0.0
-17.5°	163.9	127.0	94.8	66.6	40.0	16.8	0.0
-20°	158.9	123.5	92.8	65.2	39.3	16.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	153.8	119.9	90.5	63.7	38.5	16.3	0.0
-25°	148.4	116.3	88.0	62.0	37.6	16.0	0.0
-27.5°	142.8	112.5	85.3	60.2	36.6	15.7	0.0
-30°	136.9	108.5	82.5	58.3	35.6	15.4	0.0
-32.5°	130.8	104.3	79.5	56.2	34.5	15.0	0.0
-35°	125.0	99.8	76.4	54.1	33.4	14.6	0.0
-37.5°	119.4	95.3	73.2	51.8	32.2	14.2	0.0
-40°	113.5	91.0	69.8	49.5	30.9	13.7	0.0
-42.5°	107.4	86.6	66.4	47.1	29.6	13.2	0.0
-45°	101.2	82.0	63.0	44.5	28.2	12.7	0.0
-47.5°	94.8	77.3	59.5	41.9	26.8	12.2	0.0
-50°	88.9	72.5	55.9	39.6	25.3	11.6	0.0
-52.5°	83.0	67.6	52.2	37.3	23.8	11.0	0.0
-55°	77.1	62.8	48.4	34.9	22.2	10.4	0.0
-57.5°	71.0	57.9	44.5	32.5	20.6	9.7	0.0
-60°	65.0	53.0	40.5	30.0	18.9	9.1	0.0
-62.5°	59.0	47.9	37.2	27.5	17.5	8.4	0.0
-65°	52.9	42.8	33.8	24.9	16.1	7.7	0.0
-67.5°	46.7	38.0	30.3	22.3	14.6	7.0	0.0
-70°	40.5	33.7	26.7	19.6	13.0	6.2	0.0
-72.5°	35.1	29.2	23.2	17.1	11.5	5.5	0.0
-75°	29.8	24.8	19.5	14.7	9.9	4.7	0.0
-77.5°	24.5	20.3	16.3	12.3	8.3	3.9	0.0
-80°	19.2	16.1	13.0	9.9	6.6	3.2	0.0
-82.5°	14.3	12.1	9.8	7.4	5.0	2.4	0.0
-85°	9.6	8.1	6.5	5.0	3.3	1.6	0.0
-87.5°	4.8	4.0	3.3	2.5	1.7	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)