

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: P558650 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-940-U-WAF-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558650 (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-940-U-WAF-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7
Light Source: (32) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

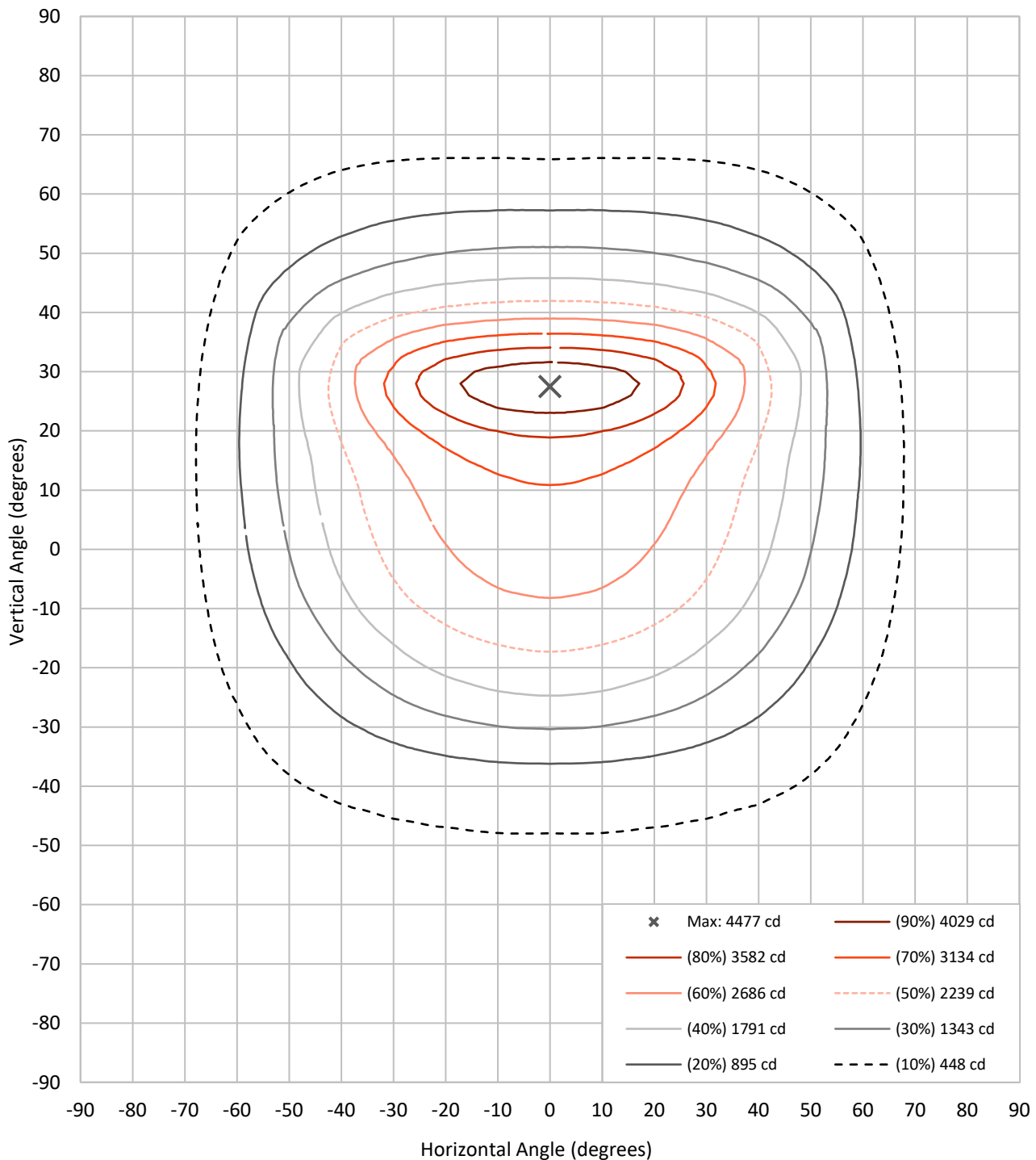
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	6526.7 lumens	Max Intensity:	4477 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	103.6 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:	3391.9 lumens	Field Lumens:	6037.8 lumens
Beam Efficiency:	52.0%	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		



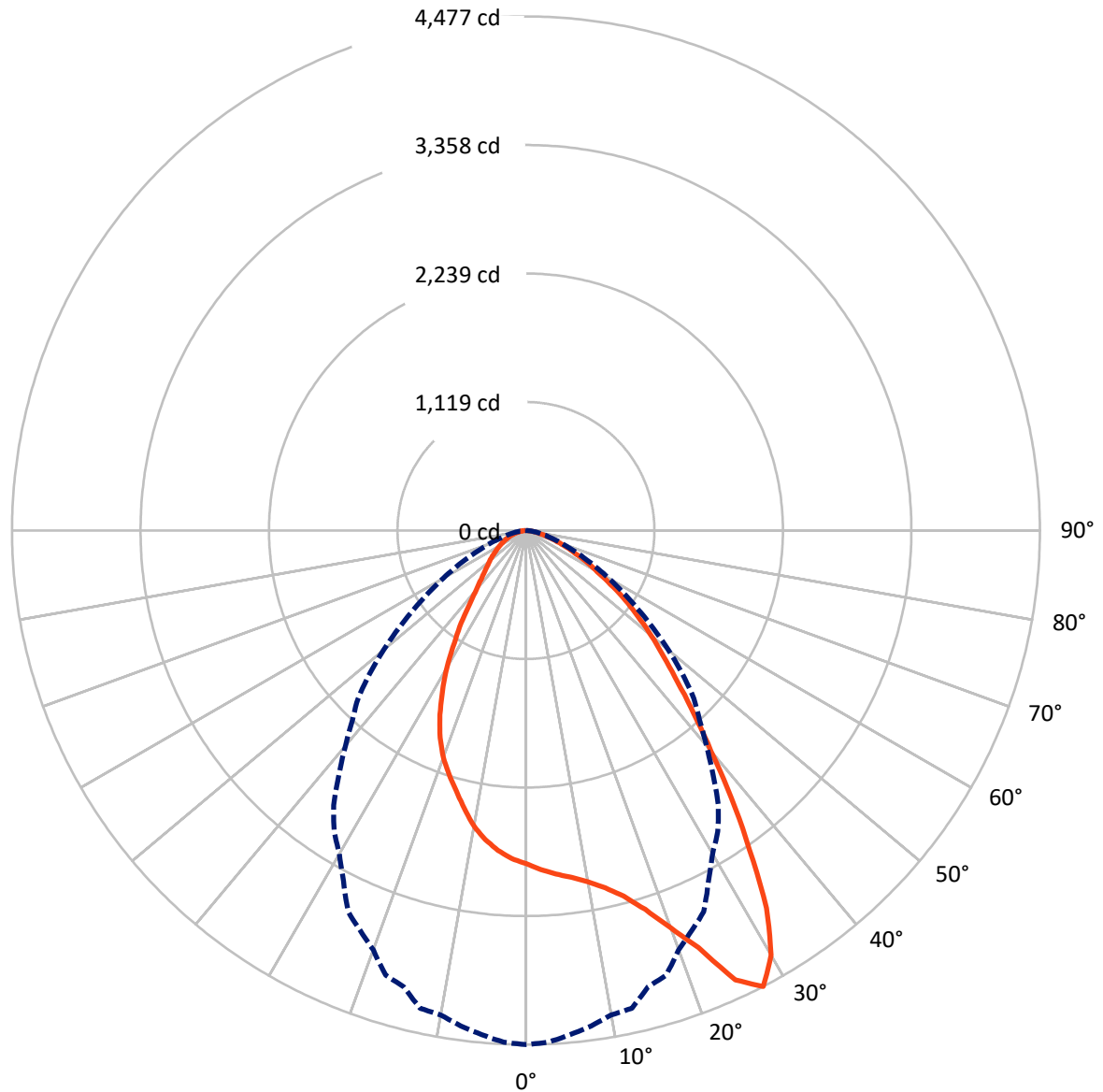
REPORT NUMBER: P558650 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot



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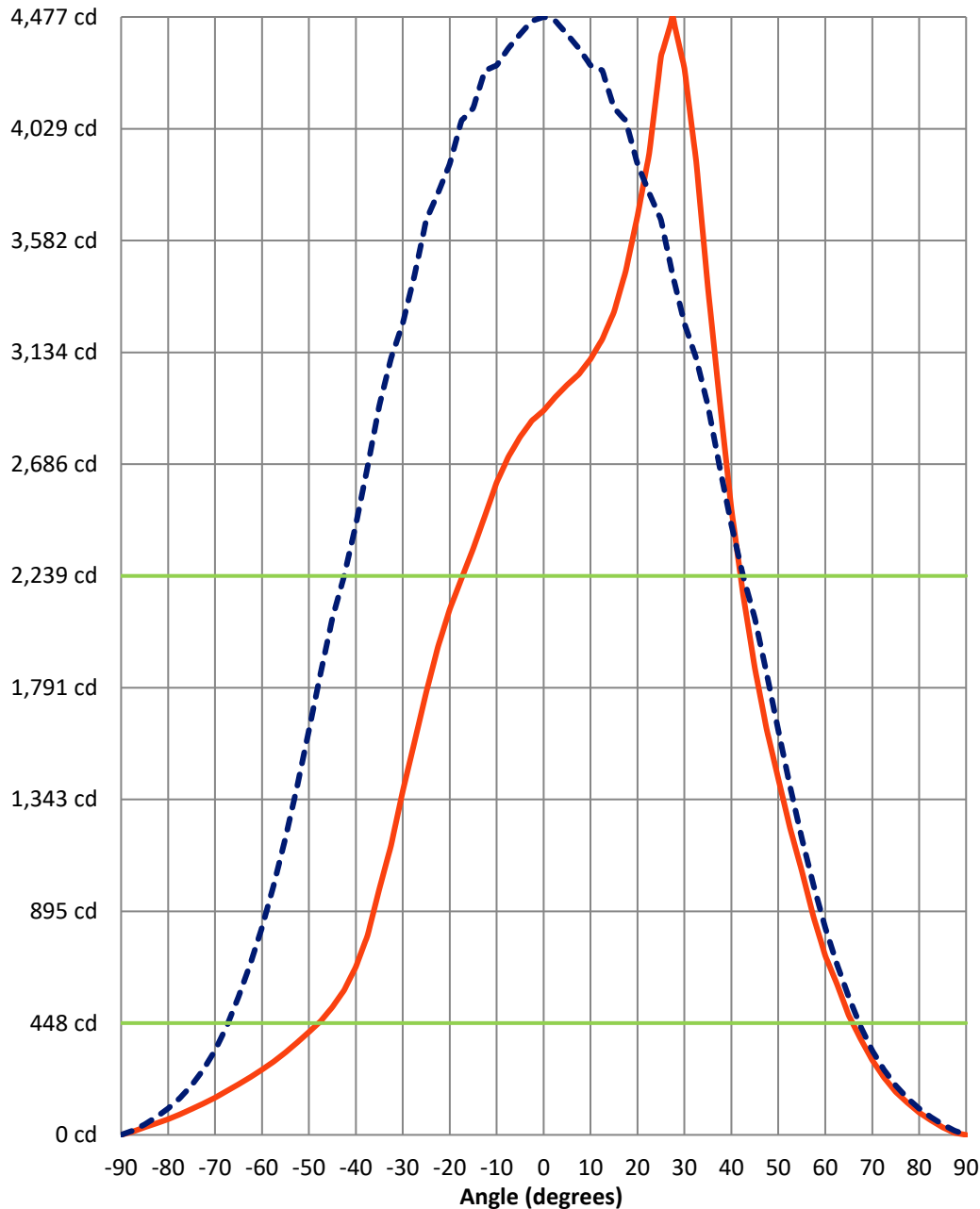
Luminous Intensity Polar Plot



— 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: 3391.9
 Efficiency: 52.0%

Field:
 H Angle: 134.5°
 V Angle: 113.8°
 Lumens: 6037.8
 Efficiency: 92.5%

Spill:
 Lumens: 489
 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	0.9	1.7	2.6	3.4	4.2	5.0	5.7	6.5	7.2	7.9
85°	0.0	1.7	3.5	5.2	6.8	8.4	10.0	11.5	13.0	14.4	15.7
82.5°	0.0	2.6	5.2	7.7	10.2	12.6	15.0	17.2	19.8	24.1	28.6
80°	0.0	3.4	6.9	10.3	13.6	16.8	20.3	26.0	31.9	38.0	44.4
77.5°	0.0	4.2	8.6	12.8	16.9	21.9	28.9	36.2	43.8	51.8	61.1
75°	0.0	5.1	10.3	15.4	20.6	28.7	37.3	46.3	56.0	68.2	80.8
72.5°	0.0	5.9	12.0	17.9	25.8	35.4	45.6	57.0	71.0	85.4	100.1
70°	0.0	6.7	13.6	20.6	30.9	42.0	54.0	69.7	85.8	102.3	121.7
67.5°	0.0	7.5	15.3	24.2	35.9	48.4	64.4	82.1	100.3	121.8	143.4
65°	0.0	8.3	16.8	27.8	40.8	55.6	74.4	94.3	117.1	140.8	165.9
62.5°	0.0	9.1	18.4	31.2	45.6	63.4	84.1	107.8	133.4	160.0	190.7
60°	0.0	9.8	19.9	34.6	50.2	70.9	93.5	121.7	149.4	181.2	214.7
57.5°	0.0	10.5	22.0	37.9	55.7	78.1	104.0	135.0	166.7	201.6	242.1
55°	0.0	11.2	24.1	41.1	61.1	85.1	114.3	147.4	183.9	222.3	270.2
52.5°	0.0	11.9	26.1	44.1	66.3	91.9	124.0	160.5	200.3	245.4	296.7
50°	0.0	12.6	28.0	47.0	71.1	99.3	133.2	173.0	216.8	267.2	328.3
47.5°	0.0	13.2	29.9	50.0	75.8	106.3	141.9	184.7	234.5	287.5	358.5
45°	0.0	13.8	31.7	53.2	80.1	112.8	151.0	195.4	249.8	311.9	386.3
42.5°	0.0	14.4	33.4	56.3	84.2	118.9	159.4	206.7	264.0	334.5	417.5
40°	0.0	15.0	35.0	59.2	88.4	124.4	167.1	218.0	278.2	354.8	446.8
37.5°	0.0	15.5	36.5	62.0	92.5	129.5	174.0	228.2	293.6	373.3	473.0
35°	0.0	16.0	37.9	64.6	96.3	134.5	180.1	237.4	307.1	393.0	497.7
32.5°	0.0	16.4	39.3	67.0	99.7	139.3	186.0	245.6	318.8	409.9	519.7
30°	0.0	16.9	40.5	69.2	102.7	143.4	192.4	253.1	328.7	423.9	538.0
27.5°	0.0	17.3	41.7	71.2	105.6	147.0	197.9	261.0	337.8	435.1	552.5
25°	0.0	17.6	42.7	73.1	108.2	150.0	202.5	267.4	346.8	445.4	563.4
22.5°	0.0	18.0	43.7	74.7	110.4	152.6	206.3	272.3	353.5	453.7	572.7
20°	0.0	18.2	44.5	76.1	112.2	155.3	209.2	275.9	358.0	459.1	578.7
17.5°	0.0	18.5	45.3	77.4	113.7	157.4	211.9	278.2	360.5	461.7	581.5
15°	0.0	18.7	45.9	78.4	114.8	159.1	214.0	279.8	361.0	461.5	581.1
12.5°	0.0	18.9	46.5	79.3	115.6	160.4	215.3	280.9	361.0	458.8	577.7
10°	0.0	19.1	46.9	79.9	116.1	161.1	215.8	281.0	360.4	457.4	572.4
7.5°	0.0	19.2	47.2	80.4	116.3	161.5	215.6	280.0	358.3	454.5	566.5
5°	0.0	19.3	47.4	80.7	116.1	161.4	214.6	278.0	354.7	449.6	557.8
2.5°	0.0	19.3	47.5	80.7	115.7	160.8	213.0	275.1	349.8	442.9	546.6
0°	0.0	19.3	47.5	80.6	115.0	159.8	210.7	271.3	343.6	434.5	533.0
-2.5°	0.0	19.3	47.4	80.2	114.4	158.3	208.3	267.3	337.5	425.1	519.4
-5°	0.0	19.3	47.2	79.7	113.6	156.4	205.3	262.5	330.4	414.3	503.9
-7.5°	0.0	19.3	46.8	78.9	112.6	154.1	201.8	257.1	322.3	402.1	486.9
-10°	0.0	19.2	46.4	78.0	111.2	151.4	197.7	250.9	313.2	388.7	468.6
-12.5°	0.0	19.1	45.9	76.9	109.6	148.4	193.2	244.1	303.4	374.5	450.7
-15°	0.0	18.9	45.3	75.7	107.8	145.1	188.2	236.8	293.3	360.4	432.3
-17.5°	0.0	18.7	44.6	74.3	105.7	141.6	182.8	229.5	283.2	345.6	413.0
-20°	0.0	18.5	43.8	72.7	103.4	137.8	177.1	222.1	272.6	330.1	393.0



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 CATALOG NUMBER: GFLD-SA2B-940-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	18.2	42.9	71.0	100.9	133.7	171.5	214.1	261.5	314.1	372.3
-25°	0.0	17.9	41.9	69.1	98.1	129.7	165.5	205.7	250.0	297.7	351.1
-27.5°	0.0	17.5	40.8	67.1	95.1	125.5	159.2	196.8	238.2	281.8	331.0
-30°	0.0	17.1	39.7	64.9	91.9	121.0	152.6	187.6	226.8	267.3	310.9
-32.5°	0.0	16.7	38.5	62.6	88.6	116.3	145.8	178.9	215.4	252.7	291.0
-35°	0.0	16.3	37.2	60.3	85.1	111.3	139.4	170.4	203.7	238.1	271.2
-37.5°	0.0	15.8	35.8	57.7	81.5	106.3	133.1	161.6	191.7	223.6	254.9
-40°	0.0	15.3	34.4	55.1	77.7	101.5	126.5	152.8	179.4	209.5	239.4
-42.5°	0.0	14.7	32.9	52.4	73.9	96.5	119.8	143.8	168.3	195.9	223.7
-45°	0.0	14.1	31.4	49.6	70.2	91.4	112.8	135.1	157.9	182.2	207.8
-47.5°	0.0	13.5	29.8	46.7	66.3	86.2	105.6	126.7	147.5	168.5	192.7
-50°	0.0	12.9	28.1	44.1	62.3	80.8	99.1	118.2	137.3	157.0	177.7
-52.5°	0.0	12.2	26.4	41.5	58.2	75.3	92.5	109.6	127.3	145.3	162.9
-55°	0.0	11.5	24.7	38.9	53.9	69.9	85.9	100.9	117.4	133.4	149.8
-57.5°	0.0	10.8	22.9	36.2	49.6	64.5	79.2	93.2	107.3	122.0	136.6
-60°	0.0	10.1	21.0	33.4	45.2	59.0	72.4	85.4	97.4	110.7	123.5
-62.5°	0.0	9.3	19.4	30.6	41.4	53.4	65.7	77.5	88.5	99.3	111.0
-65°	0.0	8.5	17.8	27.7	37.6	47.7	58.9	69.5	79.4	88.9	98.4
-67.5°	0.0	7.7	16.2	24.7	33.7	42.4	52.1	61.7	70.3	78.8	86.8
-70°	0.0	6.9	14.5	21.8	29.8	37.5	45.2	53.7	61.6	68.6	75.7
-72.5°	0.0	6.1	12.7	19.0	25.8	32.6	39.2	45.8	52.8	59.1	64.8
-75°	0.0	5.2	11.0	16.4	21.8	27.6	33.3	38.8	44.0	49.6	54.7
-77.5°	0.0	4.4	9.2	13.7	18.1	22.6	27.4	32.0	36.4	40.4	44.5
-80°	0.0	3.5	7.4	11.0	14.5	18.0	21.4	25.2	28.8	32.2	35.3
-82.5°	0.0	2.6	5.5	8.3	10.9	13.5	16.0	18.6	21.2	23.9	26.4
-85°	0.0	1.8	3.7	5.5	7.3	9.0	10.7	12.4	14.1	15.8	17.5
-87.5°	0.0	0.9	1.9	2.8	3.6	4.5	5.4	6.2	7.1	7.9	8.7
-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: P558650 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-940-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°	8.3	8.6	8.9	9.1	9.4	9.7	10.0	10.3	10.4	10.6	10.7
85°	16.5	17.2	19.2	21.2	23.2	25.1	26.7	28.2	29.3	30.3	31.0
82.5°	32.3	35.8	39.0	42.1	44.9	47.4	49.8	52.6	54.8	56.7	58.2
80°	49.6	54.3	60.0	65.3	70.2	74.6	78.7	82.3	85.1	88.0	90.8
77.5°	69.7	77.3	84.4	91.0	97.3	104.7	111.5	117.8	122.6	126.3	129.1
75°	91.3	100.3	110.7	121.0	130.6	139.5	148.1	158.6	167.1	173.5	178.7
72.5°	114.4	127.4	140.1	152.3	166.5	180.3	193.6	206.5	217.8	226.1	232.9
70°	139.3	154.4	171.9	189.6	206.6	223.9	242.3	259.1	272.9	282.8	292.1
67.5°	164.8	186.0	206.7	228.0	252.1	274.1	294.2	315.4	334.1	346.4	357.2
65°	194.1	217.8	245.5	273.7	300.2	327.7	353.1	376.1	399.7	416.8	430.9
62.5°	222.4	255.8	288.5	321.5	354.8	384.7	417.9	447.4	471.2	495.7	516.7
60°	256.1	295.8	335.8	375.7	412.9	454.8	491.2	525.6	557.3	584.6	610.5
57.5°	289.7	340.9	388.3	435.0	484.3	529.1	571.9	610.4	648.3	680.0	711.0
55°	325.1	391.0	445.6	503.4	557.6	608.2	656.3	704.5	744.9	788.5	826.5
52.5°	364.3	439.6	510.2	573.8	634.9	693.3	750.8	808.8	865.6	910.8	953.7
50°	400.9	490.7	575.7	648.2	718.4	787.8	859.6	932.2	994.7	1046.4	1091.1
47.5°	441.3	538.3	646.1	726.3	810.6	896.6	983.8	1064.0	1132.1	1202.4	1251.7
45°	480.6	586.3	703.3	814.7	912.2	1016.3	1112.3	1200.8	1299.5	1376.3	1442.2
42.5°	516.5	631.8	762.1	903.8	1025.7	1137.4	1241.4	1365.9	1479.3	1569.1	1651.3
40°	553.4	673.2	815.5	986.6	1139.0	1258.2	1384.8	1522.3	1669.9	1780.4	1878.7
37.5°	587.2	715.6	864.4	1049.8	1250.5	1381.6	1521.5	1670.7	1839.0	2005.2	2123.3
35°	617.1	751.5	912.9	1101.2	1306.6	1501.1	1649.1	1808.0	1992.2	2207.9	2369.1
32.5°	644.2	780.8	951.3	1141.3	1349.7	1577.7	1765.4	1928.6	2113.4	2335.9	2609.8
30°	666.3	809.2	980.0	1170.3	1379.3	1606.3	1844.8	2022.5	2197.9	2416.3	2671.2
27.5°	683.0	830.0	999.7	1188.4	1395.1	1619.6	1849.0	2068.3	2238.0	2443.6	2675.4
25°	695.9	847.0	1010.2	1195.1	1397.4	1613.8	1834.5	2042.0	2232.6	2413.8	2621.8
22.5°	706.5	858.8	1021.7	1190.6	1386.9	1593.0	1800.6	1998.4	2182.9	2352.6	2531.5
20°	714.5	866.3	1027.5	1195.0	1369.2	1559.3	1757.8	1946.1	2124.3	2288.5	2434.2
17.5°	718.1	868.5	1027.5	1194.2	1366.2	1532.5	1705.3	1886.3	2061.5	2224.7	2368.5
15°	717.5	865.6	1021.8	1187.8	1357.2	1522.0	1681.2	1830.5	1993.7	2158.6	2301.9
12.5°	712.7	857.8	1010.7	1175.9	1342.7	1505.4	1661.8	1811.8	1958.0	2096.2	2233.2
10°	704.1	845.3	994.3	1158.5	1322.6	1482.9	1637.3	1787.7	1932.4	2068.1	2195.7
7.5°	695.2	831.3	974.7	1135.8	1297.0	1454.4	1607.4	1758.1	1900.0	2035.4	2164.2
5°	683.5	816.4	959.7	1114.0	1269.4	1423.0	1572.7	1722.6	1860.8	1997.4	2126.8
2.5°	668.6	798.0	940.8	1087.7	1238.5	1390.5	1535.2	1682.3	1824.0	1955.3	2082.8
0°	650.8	776.1	918.0	1056.4	1202.4	1352.5	1491.7	1635.6	1783.0	1906.9	2031.6
-2.5°	631.4	749.9	884.7	1022.4	1163.6	1310.8	1453.4	1589.9	1734.0	1859.3	1986.6
-5°	609.7	721.1	848.0	984.1	1120.2	1263.7	1408.9	1538.7	1676.4	1800.3	1925.5
-7.5°	585.9	689.9	808.2	941.1	1070.7	1206.1	1343.6	1468.5	1602.3	1724.9	1846.8
-10°	560.8	659.1	769.6	892.5	1014.6	1140.8	1270.1	1392.3	1521.0	1643.0	1760.4
-12.5°	536.8	628.8	729.8	841.5	955.5	1072.1	1192.3	1310.3	1432.4	1555.0	1664.7
-15°	511.6	596.9	688.6	788.8	893.7	1000.5	1110.9	1222.5	1337.1	1457.1	1558.4
-17.5°	485.6	563.8	646.7	734.9	829.8	926.4	1028.0	1135.7	1240.6	1349.9	1447.9
-20°	459.0	529.7	604.3	680.4	764.7	857.3	952.3	1049.0	1144.3	1239.5	1331.6



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 CATALOG NUMBER: GFLD-SA2B-940-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	432.0	494.9	562.8	629.7	709.9	793.6	876.9	960.9	1046.3	1128.3	1215.4
-25°	405.9	462.6	522.6	587.6	656.4	730.2	801.8	872.8	948.6	1025.4	1100.3
-27.5°	380.7	430.8	487.4	545.4	602.7	668.3	731.0	791.2	857.3	925.1	985.7
-30°	355.5	403.0	452.6	504.1	554.5	609.3	663.5	716.3	770.1	828.2	880.6
-32.5°	332.1	375.5	420.6	465.7	508.5	551.1	601.1	648.0	692.1	733.4	779.2
-35°	310.7	350.5	389.7	428.6	463.9	501.3	543.1	582.6	618.0	651.2	686.2
-37.5°	290.6	326.0	359.0	393.8	425.1	457.1	487.9	522.1	550.8	577.4	606.0
-40°	270.3	302.0	331.8	360.8	389.6	416.3	442.6	465.8	488.9	514.4	534.2
-42.5°	250.4	279.9	306.5	328.8	355.9	378.9	399.3	418.6	437.4	457.4	473.2
-45°	232.8	257.9	282.2	303.6	323.9	343.5	360.9	376.0	393.8	407.6	419.6
-47.5°	215.1	236.8	259.0	278.8	295.8	311.7	324.6	339.8	354.4	366.3	373.3
-50°	197.7	217.5	236.3	254.7	270.1	283.0	294.1	306.6	318.8	328.8	335.5
-52.5°	181.6	198.2	215.6	231.2	245.5	256.9	267.5	278.4	287.4	294.3	303.0
-55°	165.7	181.0	195.5	209.6	221.7	232.2	242.6	252.3	259.9	265.9	273.1
-57.5°	150.8	164.6	177.3	189.0	199.9	209.0	219.1	227.3	234.5	240.0	247.5
-60°	136.3	148.6	160.1	170.4	179.3	188.2	196.5	204.1	210.3	215.8	222.6
-62.5°	121.9	133.0	143.4	152.8	160.9	168.3	175.7	182.2	187.4	193.1	198.7
-65°	108.3	117.7	126.8	135.4	143.0	150.1	156.2	161.4	166.3	171.4	175.9
-67.5°	94.8	103.6	111.2	118.0	125.1	131.9	137.6	142.4	146.5	150.7	154.5
-70°	82.7	89.7	96.6	102.8	108.2	113.9	119.4	123.9	127.6	130.8	133.9
-72.5°	70.8	77.0	82.8	88.0	93.0	97.5	101.9	106.0	109.4	111.9	114.2
-75°	59.6	64.4	69.3	74.0	78.0	81.5	84.8	88.1	90.9	93.1	94.9
-77.5°	48.7	52.8	56.6	60.2	63.1	65.8	68.4	70.8	73.0	74.6	75.8
-80°	38.3	41.2	44.3	47.2	49.4	51.3	53.0	54.3	55.9	57.5	58.9
-82.5°	28.5	30.6	32.6	34.6	36.2	37.5	38.6	39.7	40.8	41.9	42.8
-85°	18.8	20.0	21.2	22.4	23.6	24.6	25.5	26.3	26.9	27.4	27.9
-87.5°	9.4	10.0	10.6	11.1	11.6	12.2	12.7	13.2	13.5	13.7	13.9
-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: P558650 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-940-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°	10.7	10.8	10.7	10.7	10.6	10.2	9.7	9.2	8.7	8.9	9.2
85°	31.6	31.7	31.6	31.3	30.8	30.7	30.6	30.4	30.2	30.6	31.0
82.5°	59.4	59.9	59.9	59.6	59.0	59.3	59.4	59.3	59.0	59.4	59.6
80°	92.9	93.7	93.8	93.2	91.9	92.1	92.2	91.9	91.3	91.4	91.4
77.5°	132.3	134.3	135.0	134.7	133.5	133.1	132.2	130.4	127.8	127.7	127.8
75°	182.6	184.6	185.7	185.6	184.4	183.6	182.5	180.4	177.5	177.4	177.4
72.5°	238.1	241.1	242.5	243.7	243.7	243.3	241.8	238.7	234.2	233.6	234.2
70°	299.4	304.6	307.8	310.4	312.3	312.7	311.8	309.3	305.3	304.2	303.9
67.5°	367.7	375.9	382.1	386.3	390.2	393.0	394.1	393.0	389.7	388.7	389.1
65°	444.2	456.9	467.4	475.3	480.5	484.3	487.5	489.4	489.9	491.1	492.6
62.5°	533.6	549.2	563.8	573.8	578.9	582.5	593.0	599.0	600.8	601.1	603.4
60°	633.4	653.1	671.4	686.0	697.8	706.8	715.7	721.6	723.8	724.3	727.5
57.5°	742.5	767.3	788.7	811.3	827.2	836.3	848.2	860.5	867.0	868.8	876.4
55°	863.2	897.1	924.8	949.0	971.1	990.5	1006.9	1019.6	1029.0	1034.7	1044.7
52.5°	996.7	1036.5	1065.5	1094.0	1125.6	1147.9	1162.5	1186.0	1203.0	1212.3	1224.3
50°	1143.3	1187.7	1227.1	1257.0	1293.8	1324.3	1346.6	1368.8	1384.3	1393.2	1404.7
47.5°	1310.2	1364.8	1410.6	1438.3	1481.0	1516.9	1531.4	1548.2	1577.5	1591.6	1603.9
45°	1498.2	1567.8	1618.6	1661.9	1698.7	1738.9	1765.3	1784.4	1813.3	1827.7	1836.8
42.5°	1721.7	1799.2	1866.1	1918.1	1949.0	2001.3	2039.4	2050.2	2091.0	2118.7	2126.9
40°	1972.4	2058.3	2146.6	2205.9	2255.6	2308.7	2371.6	2406.7	2441.2	2468.4	2474.5
37.5°	2233.7	2348.6	2449.4	2526.0	2608.2	2686.5	2753.2	2789.6	2812.3	2864.2	2883.6
35°	2499.3	2617.9	2759.2	2878.1	2977.8	3074.5	3150.5	3210.4	3267.4	3314.2	3342.2
32.5°	2725.5	2853.1	3027.6	3205.6	3313.3	3417.9	3542.9	3611.4	3687.4	3749.1	3794.1
30°	2911.4	3032.7	3191.5	3415.0	3562.4	3668.5	3826.5	3921.3	4004.1	4108.6	4145.0
27.5°	2920.2	3109.8	3250.3	3442.7	3663.9	3771.6	3888.6	4060.8	4113.0	4262.0	4283.5
25°	2843.5	3042.7	3187.0	3347.6	3531.5	3662.5	3769.4	3912.6	3987.5	4083.3	4156.9
22.5°	2723.6	2899.1	3046.4	3182.5	3326.1	3445.4	3543.0	3643.7	3725.9	3800.3	3869.3
20°	2591.2	2757.8	2897.4	3014.6	3128.3	3238.9	3326.7	3411.3	3482.5	3546.2	3585.5
17.5°	2498.0	2617.8	2760.5	2880.5	2979.1	3065.9	3156.8	3227.6	3289.9	3347.4	3383.3
15°	2434.3	2548.3	2649.8	2760.0	2863.9	2946.6	3015.1	3088.1	3142.0	3191.5	3230.4
12.5°	2368.2	2485.7	2591.9	2683.7	2765.0	2855.4	2928.5	2985.9	3042.6	3081.3	3121.4
10°	2313.0	2422.9	2533.2	2630.0	2715.6	2790.0	2859.3	2923.7	2974.5	3018.0	3049.6
7.5°	2281.0	2388.8	2487.8	2580.8	2664.2	2743.5	2814.9	2874.0	2924.3	2969.4	3002.4
5°	2243.9	2350.6	2449.4	2544.4	2624.5	2700.7	2771.9	2832.7	2884.7	2924.9	2956.5
2.5°	2201.3	2306.5	2405.2	2501.7	2581.8	2655.3	2722.6	2781.9	2836.2	2874.4	2901.3
0°	2152.8	2258.1	2354.6	2445.5	2526.0	2605.2	2667.2	2727.1	2780.1	2818.0	2844.9
-2.5°	2103.8	2208.5	2308.4	2395.4	2475.4	2548.6	2614.5	2671.1	2721.7	2759.4	2783.0
-5°	2038.8	2142.8	2241.4	2329.1	2412.6	2486.1	2550.2	2607.7	2656.6	2697.6	2729.6
-7.5°	1960.0	2065.3	2163.6	2253.2	2336.4	2405.8	2467.4	2525.3	2577.4	2622.3	2661.7
-10°	1873.4	1977.5	2070.4	2154.4	2231.9	2302.4	2367.9	2425.2	2472.9	2516.9	2550.0
-12.5°	1772.5	1868.9	1959.8	2042.6	2118.3	2188.9	2251.2	2305.8	2353.9	2392.8	2422.7
-15°	1661.2	1752.7	1838.8	1923.4	2002.7	2072.3	2127.1	2184.6	2226.2	2264.1	2291.0
-17.5°	1542.1	1630.6	1721.2	1805.9	1879.2	1947.8	2008.1	2060.7	2104.3	2139.0	2169.4
-20°	1421.5	1511.6	1598.8	1679.5	1749.9	1813.5	1874.6	1925.1	1969.9	2007.6	2043.2



REPORT NUMBER: P558650 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-940-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1300.3	1382.9	1464.7	1543.8	1610.3	1670.5	1724.0	1772.2	1811.8	1856.2	1887.7
-25°	1175.7	1248.2	1322.1	1391.9	1454.8	1513.9	1562.4	1604.7	1645.9	1688.9	1719.5
-27.5°	1050.6	1114.6	1174.7	1236.5	1291.6	1342.8	1387.8	1424.9	1464.8	1493.5	1527.2
-30°	926.9	984.9	1035.0	1078.0	1129.9	1173.8	1208.8	1245.6	1278.7	1306.1	1334.4
-32.5°	822.1	861.8	901.8	937.7	972.2	1008.4	1036.6	1068.7	1091.3	1115.0	1137.9
-35°	721.4	752.0	778.6	812.2	838.0	857.7	881.2	904.8	913.9	939.5	953.2
-37.5°	630.2	650.3	675.1	698.5	717.7	732.4	753.4	765.7	772.2	788.8	797.7
-40°	552.2	564.9	588.0	604.0	615.6	626.2	643.6	651.7	660.5	668.8	669.0
-42.5°	483.6	499.9	515.5	528.1	535.4	547.5	555.7	556.6	568.1	575.5	576.6
-45°	427.4	444.0	456.4	465.6	472.9	483.3	488.6	491.5	500.9	505.9	508.1
-47.5°	384.3	395.8	406.6	413.7	423.3	431.0	434.8	439.8	447.0	451.6	454.9
-50°	346.3	355.5	363.7	370.2	379.7	386.6	390.3	396.4	401.7	405.1	407.6
-52.5°	313.0	321.2	326.8	333.2	341.1	347.2	351.9	357.9	362.4	365.3	367.5
-55°	281.8	289.5	295.0	301.9	307.5	311.6	315.6	321.5	325.9	328.9	330.8
-57.5°	254.2	260.0	265.4	271.7	277.0	281.5	285.1	288.3	291.2	293.7	295.6
-60°	228.4	233.1	238.1	243.0	247.0	250.2	254.1	257.1	258.9	260.1	261.7
-62.5°	203.6	207.8	212.2	216.2	219.4	222.1	225.2	227.6	229.4	230.6	231.5
-65°	180.0	183.6	187.4	190.7	193.5	195.8	198.0	199.7	200.9	201.9	202.7
-67.5°	157.9	160.8	163.4	165.7	167.8	169.8	171.7	173.0	173.7	174.6	175.4
-70°	136.7	139.0	140.7	142.1	143.3	144.9	146.7	148.0	148.8	149.6	150.3
-72.5°	116.1	117.7	119.2	120.3	121.0	122.0	123.3	124.3	125.1	125.7	126.0
-75°	96.3	97.6	98.9	99.8	100.3	101.0	101.7	102.0	102.1	102.3	102.5
-77.5°	76.9	78.2	79.4	80.2	80.7	81.3	81.8	82.1	82.1	82.1	82.0
-80°	60.0	60.9	61.7	62.3	62.7	63.1	63.3	63.4	63.2	63.4	63.4
-82.5°	43.6	44.4	45.1	45.6	46.0	46.4	46.7	47.0	47.1	47.1	47.1
-85°	28.2	28.6	29.0	29.3	29.6	29.8	29.9	29.9	29.8	29.9	29.8
-87.5°	14.1	13.9	13.7	13.5	13.1	13.2	13.3	13.3	13.3	13.5	13.6
-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: P558650 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-940-U-WAF-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°	9.4	9.6	8.9	8.3	8.9	9.6	9.4	9.2	8.9	8.7	9.2
85°	31.3	31.5	31.0	30.3	31.0	31.5	31.3	31.0	30.6	30.2	30.4
82.5°	59.7	59.6	59.1	58.5	59.1	59.6	59.7	59.6	59.4	59.0	59.3
80°	91.1	90.5	90.1	89.5	90.1	90.5	91.1	91.4	91.4	91.3	91.9
77.5°	127.5	126.8	127.9	128.8	127.9	126.8	127.5	127.8	127.7	127.8	130.4
75°	176.7	175.3	174.1	172.2	174.1	175.3	176.7	177.4	177.4	177.5	180.4
72.5°	233.9	232.8	231.8	230.0	231.8	232.8	233.9	234.2	233.6	234.2	238.7
70°	302.1	298.9	299.4	299.6	299.4	298.9	302.1	303.9	304.2	305.3	309.3
67.5°	387.8	384.9	385.3	385.0	385.3	384.9	387.8	389.1	388.7	389.7	393.0
65°	491.7	488.4	484.4	478.6	484.4	488.4	491.7	492.6	491.1	489.9	489.4
62.5°	603.2	600.3	602.0	603.3	602.0	600.3	603.2	603.4	601.1	600.8	599.0
60°	727.0	722.9	720.9	717.6	720.9	722.9	727.0	727.5	724.3	723.8	721.6
57.5°	879.8	879.1	877.3	872.5	877.3	879.1	879.8	876.4	868.8	867.0	860.5
55°	1049.4	1048.4	1052.3	1057.1	1052.3	1048.4	1049.4	1044.7	1034.7	1029.0	1019.6
52.5°	1233.1	1236.1	1235.0	1228.6	1235.0	1236.1	1233.1	1224.3	1212.3	1203.0	1186.0
50°	1414.9	1418.4	1422.1	1425.5	1422.1	1418.4	1414.9	1404.7	1393.2	1384.3	1368.8
47.5°	1621.0	1630.2	1631.8	1625.3	1631.8	1630.2	1621.0	1603.9	1591.6	1577.5	1548.2
45°	1855.1	1860.7	1863.5	1869.0	1863.5	1860.7	1855.1	1836.8	1827.7	1813.3	1784.4
42.5°	2150.4	2156.8	2157.8	2163.8	2157.8	2156.8	2150.4	2126.9	2118.7	2091.0	2050.2
40°	2500.8	2511.1	2509.3	2506.7	2509.3	2511.1	2500.8	2474.5	2468.4	2441.2	2406.7
37.5°	2910.9	2928.6	2930.4	2941.3	2930.4	2928.6	2910.9	2883.6	2864.2	2812.3	2789.6
35°	3371.2	3392.0	3388.4	3393.8	3388.4	3392.0	3371.2	3342.2	3314.2	3267.4	3210.4
32.5°	3835.6	3866.8	3873.0	3899.2	3873.0	3866.8	3835.6	3794.1	3749.1	3687.4	3611.4
30°	4200.4	4244.1	4272.5	4270.4	4272.5	4244.1	4200.4	4145.0	4108.6	4004.1	3921.3
27.5°	4351.5	4408.1	4461.0	4477.0	4461.0	4408.1	4351.5	4283.5	4262.0	4113.0	4060.8
25°	4204.1	4245.4	4292.2	4317.3	4292.2	4245.4	4204.1	4156.9	4083.3	3987.5	3912.6
22.5°	3901.1	3928.0	3943.9	3930.9	3943.9	3928.0	3901.1	3869.3	3800.3	3725.9	3643.7
20°	3626.2	3660.2	3666.5	3680.2	3666.5	3660.2	3626.2	3585.5	3546.2	3482.5	3411.3
17.5°	3421.5	3443.8	3456.9	3459.9	3456.9	3443.8	3421.5	3383.3	3347.4	3289.9	3227.6
15°	3261.2	3279.0	3290.7	3296.0	3290.7	3279.0	3261.2	3230.4	3191.5	3142.0	3088.1
12.5°	3147.6	3169.3	3180.0	3186.5	3180.0	3169.3	3147.6	3121.4	3081.3	3042.6	2985.9
10°	3074.7	3095.7	3104.2	3107.3	3104.2	3095.7	3074.7	3049.6	3018.0	2974.5	2923.7
7.5°	3022.3	3035.8	3041.5	3046.0	3041.5	3035.8	3022.3	3002.4	2969.4	2924.3	2874.0
5°	2980.1	2990.9	2996.9	3003.3	2996.9	2990.9	2980.1	2956.5	2924.9	2884.7	2832.7
2.5°	2922.7	2938.0	2948.6	2955.1	2948.6	2938.0	2922.7	2901.3	2874.4	2836.2	2781.9
0°	2866.2	2880.7	2888.3	2900.7	2888.3	2880.7	2866.2	2844.9	2818.0	2780.1	2727.1
-2.5°	2804.2	2820.9	2840.8	2860.0	2840.8	2820.9	2804.2	2783.0	2759.4	2721.7	2671.1
-5°	2756.7	2778.9	2783.0	2795.3	2783.0	2778.9	2756.7	2729.6	2697.6	2656.6	2607.7
-7.5°	2685.1	2695.2	2712.3	2715.4	2712.3	2695.2	2685.1	2661.7	2622.3	2577.4	2525.3
-10°	2574.8	2591.2	2601.9	2612.8	2601.9	2591.2	2574.8	2550.0	2516.9	2472.9	2425.2
-12.5°	2445.1	2464.4	2481.6	2479.2	2481.6	2464.4	2445.1	2422.7	2392.8	2353.9	2305.8
-15°	2318.8	2337.4	2349.3	2347.7	2349.3	2337.4	2318.8	2291.0	2264.1	2226.2	2184.6
-17.5°	2193.5	2210.4	2227.5	2227.1	2227.5	2210.4	2193.5	2169.4	2139.0	2104.3	2060.7
-20°	2064.0	2078.5	2096.9	2104.6	2096.9	2078.5	2064.0	2043.2	2007.6	1969.9	1925.1



REPORT NUMBER: P558650 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-940-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1914.3	1932.9	1946.3	1954.4	1946.3	1932.9	1914.3	1887.7	1856.2	1811.8	1772.2
-25°	1739.8	1758.9	1769.1	1772.6	1769.1	1758.9	1739.8	1719.5	1688.9	1645.9	1604.7
-27.5°	1547.0	1568.5	1578.9	1573.6	1578.9	1568.5	1547.0	1527.2	1493.5	1464.8	1424.9
-30°	1349.3	1363.1	1364.7	1376.6	1364.7	1363.1	1349.3	1334.4	1306.1	1278.7	1245.6
-32.5°	1154.3	1163.5	1158.3	1159.0	1158.3	1163.5	1154.3	1137.9	1115.0	1091.3	1068.7
-35°	961.7	969.1	970.6	984.1	970.6	969.1	961.7	953.2	939.5	913.9	904.8
-37.5°	806.9	809.8	805.3	798.9	805.3	809.8	806.9	797.7	788.8	772.2	765.7
-40°	675.5	677.9	676.2	672.8	676.2	677.9	675.5	669.0	668.8	660.5	651.7
-42.5°	581.1	581.1	579.6	579.2	579.6	581.1	581.1	576.6	575.5	568.1	556.6
-45°	511.3	512.0	511.9	511.7	511.9	512.0	511.3	508.1	505.9	500.9	491.5
-47.5°	457.2	457.4	456.6	455.2	456.6	457.4	457.2	454.9	451.6	447.0	439.8
-50°	409.2	409.2	410.1	411.8	410.1	409.2	409.2	407.6	405.1	401.7	396.4
-52.5°	368.7	368.6	369.2	369.8	369.2	368.6	368.7	367.5	365.3	362.4	357.9
-55°	331.7	331.5	331.0	329.9	331.0	331.5	331.7	330.8	328.9	325.9	321.5
-57.5°	296.3	295.8	295.0	293.4	295.0	295.8	296.3	295.6	293.7	291.2	288.3
-60°	262.5	262.7	262.2	261.0	262.2	262.7	262.5	261.7	260.1	258.9	257.1
-62.5°	231.7	231.3	231.2	230.7	231.2	231.3	231.7	231.5	230.6	229.4	227.6
-65°	202.9	202.5	202.6	202.5	202.6	202.5	202.9	202.7	201.9	200.9	199.7
-67.5°	175.7	175.6	175.7	175.6	175.7	175.6	175.7	175.4	174.6	173.7	173.0
-70°	150.8	150.8	150.0	148.8	150.0	150.8	150.8	150.3	149.6	148.8	148.0
-72.5°	125.9	125.5	125.5	125.3	125.5	125.5	125.9	126.0	125.7	125.1	124.3
-75°	102.5	102.2	102.8	103.3	102.8	102.2	102.5	102.5	102.3	102.1	102.0
-77.5°	81.6	81.0	81.6	82.0	81.6	81.0	81.6	82.0	82.1	82.1	82.1
-80°	63.3	63.2	63.0	62.7	63.0	63.2	63.3	63.4	63.4	63.2	63.4
-82.5°	46.9	46.6	46.4	46.1	46.4	46.6	46.9	47.1	47.1	47.1	47.0
-85°	29.7	29.5	29.9	30.3	29.9	29.5	29.7	29.8	29.9	29.8	29.9
-87.5°	13.7	13.7	13.4	13.1	13.4	13.7	13.7	13.6	13.5	13.3	13.3
-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: P558650 (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°
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°	9.7	10.2	10.6	10.7	10.7	10.8	10.7	10.7	10.6	10.4	10.3
85°	30.6	30.7	30.8	31.3	31.6	31.7	31.6	31.0	30.3	29.3	28.2
82.5°	59.4	59.3	59.0	59.6	59.9	59.9	59.4	58.2	56.7	54.8	52.6
80°	92.2	92.1	91.9	93.2	93.8	93.7	92.9	90.8	88.0	85.1	82.3
77.5°	132.2	133.1	133.5	134.7	135.0	134.3	132.3	129.1	126.3	122.6	117.8
75°	182.5	183.6	184.4	185.6	185.7	184.6	182.6	178.7	173.5	167.1	158.6
72.5°	241.8	243.3	243.7	243.7	242.5	241.1	238.1	232.9	226.1	217.8	206.5
70°	311.8	312.7	312.3	310.4	307.8	304.6	299.4	292.1	282.8	272.9	259.1
67.5°	394.1	393.0	390.2	386.3	382.1	375.9	367.7	357.2	346.4	334.1	315.4
65°	487.5	484.3	480.5	475.3	467.4	456.9	444.2	430.9	416.8	399.7	376.1
62.5°	593.0	582.5	578.9	573.8	563.8	549.2	533.6	516.7	495.7	471.2	447.4
60°	715.7	706.8	697.8	686.0	671.4	653.1	633.4	610.5	584.6	557.3	525.6
57.5°	848.2	836.3	827.2	811.3	788.7	767.3	742.5	711.0	680.0	648.3	610.4
55°	1006.9	990.5	971.1	949.0	924.8	897.1	863.2	826.5	788.5	744.9	704.5
52.5°	1162.5	1147.9	1125.6	1094.0	1065.5	1036.5	996.7	953.7	910.8	865.6	808.8
50°	1346.6	1324.3	1293.8	1257.0	1227.1	1187.7	1143.3	1091.1	1046.4	994.7	932.2
47.5°	1531.4	1516.9	1481.0	1438.3	1410.6	1364.8	1310.2	1251.7	1202.4	1132.1	1064.0
45°	1765.3	1738.9	1698.7	1661.9	1618.6	1567.8	1498.2	1442.2	1376.3	1299.5	1200.8
42.5°	2039.4	2001.3	1949.0	1918.1	1866.1	1799.2	1721.7	1651.3	1569.1	1479.3	1365.9
40°	2371.6	2308.7	2255.6	2205.9	2146.6	2058.3	1972.4	1878.7	1780.4	1669.9	1522.3
37.5°	2753.2	2686.5	2608.2	2526.0	2449.4	2348.6	2233.7	2123.3	2005.2	1839.0	1670.7
35°	3150.5	3074.5	2977.8	2878.1	2759.2	2617.9	2499.3	2369.1	2207.9	1992.2	1808.0
32.5°	3542.9	3417.9	3313.3	3205.6	3027.6	2853.1	2725.5	2609.8	2335.9	2113.4	1928.6
30°	3826.5	3668.5	3562.4	3415.0	3191.5	3032.7	2911.4	2671.2	2416.3	2197.9	2022.5
27.5°	3888.6	3771.6	3663.9	3442.7	3250.3	3109.8	2920.2	2675.4	2443.6	2238.0	2068.3
25°	3769.4	3662.5	3531.5	3347.6	3187.0	3042.7	2843.5	2621.8	2413.8	2232.6	2042.0
22.5°	3543.0	3445.4	3326.1	3182.5	3046.4	2899.1	2723.6	2531.5	2352.6	2182.9	1998.4
20°	3326.7	3238.9	3128.3	3014.6	2897.4	2757.8	2591.2	2434.2	2288.5	2124.3	1946.1
17.5°	3156.8	3065.9	2979.1	2880.5	2760.5	2617.8	2498.0	2368.5	2224.7	2061.5	1886.3
15°	3015.1	2946.6	2863.9	2760.0	2649.8	2548.3	2434.3	2301.9	2158.6	1993.7	1830.5
12.5°	2928.5	2855.4	2765.0	2683.7	2591.9	2485.7	2368.2	2233.2	2096.2	1958.0	1811.8
10°	2859.3	2790.0	2715.6	2630.0	2533.2	2422.9	2313.0	2195.7	2068.1	1932.4	1787.7
7.5°	2814.9	2743.5	2664.2	2580.8	2487.8	2388.8	2281.0	2164.2	2035.4	1900.0	1758.1
5°	2771.9	2700.7	2624.5	2544.4	2449.4	2350.6	2243.9	2126.8	1997.4	1860.8	1722.6
2.5°	2722.6	2655.3	2581.8	2501.7	2405.2	2306.5	2201.3	2082.8	1955.3	1824.0	1682.3
0°	2667.2	2605.2	2526.0	2445.5	2354.6	2258.1	2152.8	2031.6	1906.9	1783.0	1635.6
-2.5°	2614.5	2548.6	2475.4	2395.4	2308.4	2208.5	2103.8	1986.6	1859.3	1734.0	1589.9
-5°	2550.2	2486.1	2412.6	2329.1	2241.4	2142.8	2038.8	1925.5	1800.3	1676.4	1538.7
-7.5°	2467.4	2405.8	2336.4	2253.2	2163.6	2065.3	1960.0	1846.8	1724.9	1602.3	1468.5
-10°	2367.9	2302.4	2231.9	2154.4	2070.4	1977.5	1873.4	1760.4	1643.0	1521.0	1392.3
-12.5°	2251.2	2188.9	2118.3	2042.6	1959.8	1868.9	1772.5	1664.7	1555.0	1432.4	1310.3
-15°	2127.1	2072.3	2002.7	1923.4	1838.8	1752.7	1661.2	1558.4	1457.1	1337.1	1222.5
-17.5°	2008.1	1947.8	1879.2	1805.9	1721.2	1630.6	1542.1	1447.9	1349.9	1240.6	1135.7
-20°	1874.6	1813.5	1749.9	1679.5	1598.8	1511.6	1421.5	1331.6	1239.5	1144.3	1049.0



REPORT NUMBER: P558650 (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°	1724.0	1670.5	1610.3	1543.8	1464.7	1382.9	1300.3	1215.4	1128.3	1046.3	960.9
-25°	1562.4	1513.9	1454.8	1391.9	1322.1	1248.2	1175.7	1100.3	1025.4	948.6	872.8
-27.5°	1387.8	1342.8	1291.6	1236.5	1174.7	1114.6	1050.6	985.7	925.1	857.3	791.2
-30°	1208.8	1173.8	1129.9	1078.0	1035.0	984.9	926.9	880.6	828.2	770.1	716.3
-32.5°	1036.6	1008.4	972.2	937.7	901.8	861.8	822.1	779.2	733.4	692.1	648.0
-35°	881.2	857.7	838.0	812.2	778.6	752.0	721.4	686.2	651.2	618.0	582.6
-37.5°	753.4	732.4	717.7	698.5	675.1	650.3	630.2	606.0	577.4	550.8	522.1
-40°	643.6	626.2	615.6	604.0	588.0	564.9	552.2	534.2	514.4	488.9	465.8
-42.5°	555.7	547.5	535.4	528.1	515.5	499.9	483.6	473.2	457.4	437.4	418.6
-45°	488.6	483.3	472.9	465.6	456.4	444.0	427.4	419.6	407.6	393.8	376.0
-47.5°	434.8	431.0	423.3	413.7	406.6	395.8	384.3	373.3	366.3	354.4	339.8
-50°	390.3	386.6	379.7	370.2	363.7	355.5	346.3	335.5	328.8	318.8	306.6
-52.5°	351.9	347.2	341.1	333.2	326.8	321.2	313.0	303.0	294.3	287.4	278.4
-55°	315.6	311.6	307.5	301.9	295.0	289.5	281.8	273.1	265.9	259.9	252.3
-57.5°	285.1	281.5	277.0	271.7	265.4	260.0	254.2	247.5	240.0	234.5	227.3
-60°	254.1	250.2	247.0	243.0	238.1	233.1	228.4	222.6	215.8	210.3	204.1
-62.5°	225.2	222.1	219.4	216.2	212.2	207.8	203.6	198.7	193.1	187.4	182.2
-65°	198.0	195.8	193.5	190.7	187.4	183.6	180.0	175.9	171.4	166.3	161.4
-67.5°	171.7	169.8	167.8	165.7	163.4	160.8	157.9	154.5	150.7	146.5	142.4
-70°	146.7	144.9	143.3	142.1	140.7	139.0	136.7	133.9	130.8	127.6	123.9
-72.5°	123.3	122.0	121.0	120.3	119.2	117.7	116.1	114.2	111.9	109.4	106.0
-75°	101.7	101.0	100.3	99.8	98.9	97.6	96.3	94.9	93.1	90.9	88.1
-77.5°	81.8	81.3	80.7	80.2	79.4	78.2	76.9	75.8	74.6	73.0	70.8
-80°	63.3	63.1	62.7	62.3	61.7	60.9	60.0	58.9	57.5	55.9	54.3
-82.5°	46.7	46.4	46.0	45.6	45.1	44.4	43.6	42.8	41.9	40.8	39.7
-85°	29.9	29.8	29.6	29.3	29.0	28.6	28.2	27.9	27.4	26.9	26.3
-87.5°	13.3	13.2	13.1	13.5	13.7	13.9	14.1	13.9	13.7	13.5	13.2
-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: P558650 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-940-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°	10.0	9.7	9.4	9.1	8.9	8.6	8.3	7.9	7.2	6.5	5.7
85°	26.7	25.1	23.2	21.2	19.2	17.2	16.5	15.7	14.4	13.0	11.5
82.5°	49.8	47.4	44.9	42.1	39.0	35.8	32.3	28.6	24.1	19.8	17.2
80°	78.7	74.6	70.2	65.3	60.0	54.3	49.6	44.4	38.0	31.9	26.0
77.5°	111.5	104.7	97.3	91.0	84.4	77.3	69.7	61.1	51.8	43.8	36.2
75°	148.1	139.5	130.6	121.0	110.7	100.3	91.3	80.8	68.2	56.0	46.3
72.5°	193.6	180.3	166.5	152.3	140.1	127.4	114.4	100.1	85.4	71.0	57.0
70°	242.3	223.9	206.6	189.6	171.9	154.4	139.3	121.7	102.3	85.8	69.7
67.5°	294.2	274.1	252.1	228.0	206.7	186.0	164.8	143.4	121.8	100.3	82.1
65°	353.1	327.7	300.2	273.7	245.5	217.8	194.1	165.9	140.8	117.1	94.3
62.5°	417.9	384.7	354.8	321.5	288.5	255.8	222.4	190.7	160.0	133.4	107.8
60°	491.2	454.8	412.9	375.7	335.8	295.8	256.1	214.7	181.2	149.4	121.7
57.5°	571.9	529.1	484.3	435.0	388.3	340.9	289.7	242.1	201.6	166.7	135.0
55°	656.3	608.2	557.6	503.4	445.6	391.0	325.1	270.2	222.3	183.9	147.4
52.5°	750.8	693.3	634.9	573.8	510.2	439.6	364.3	296.7	245.4	200.3	160.5
50°	859.6	787.8	718.4	648.2	575.7	490.7	400.9	328.3	267.2	216.8	173.0
47.5°	983.8	896.6	810.6	726.3	646.1	538.3	441.3	358.5	287.5	234.5	184.7
45°	1112.3	1016.3	912.2	814.7	703.3	586.3	480.6	386.3	311.9	249.8	195.4
42.5°	1241.4	1137.4	1025.7	903.8	762.1	631.8	516.5	417.5	334.5	264.0	206.7
40°	1384.8	1258.2	1139.0	986.6	815.5	673.2	553.4	446.8	354.8	278.2	218.0
37.5°	1521.5	1381.6	1250.5	1049.8	864.4	715.6	587.2	473.0	373.3	293.6	228.2
35°	1649.1	1501.1	1306.6	1101.2	912.9	751.5	617.1	497.7	393.0	307.1	237.4
32.5°	1765.4	1577.7	1349.7	1141.3	951.3	780.8	644.2	519.7	409.9	318.8	245.6
30°	1844.8	1606.3	1379.3	1170.3	980.0	809.2	666.3	538.0	423.9	328.7	253.1
27.5°	1849.0	1619.6	1395.1	1188.4	999.7	830.0	683.0	552.5	435.1	337.8	261.0
25°	1834.5	1613.8	1397.4	1195.1	1010.2	847.0	695.9	563.4	445.4	346.8	267.4
22.5°	1800.6	1593.0	1386.9	1190.6	1021.7	858.8	706.5	572.7	453.7	353.5	272.3
20°	1757.8	1559.3	1369.2	1195.0	1027.5	866.3	714.5	578.7	459.1	358.0	275.9
17.5°	1705.3	1532.5	1366.2	1194.2	1027.5	868.5	718.1	581.5	461.7	360.5	278.2
15°	1681.2	1522.0	1357.2	1187.8	1021.8	865.6	717.5	581.1	461.5	361.0	279.8
12.5°	1661.8	1505.4	1342.7	1175.9	1010.7	857.8	712.7	577.7	458.8	361.0	280.9
10°	1637.3	1482.9	1322.6	1158.5	994.3	845.3	704.1	572.4	457.4	360.4	281.0
7.5°	1607.4	1454.4	1297.0	1135.8	974.7	831.3	695.2	566.5	454.5	358.3	280.0
5°	1572.7	1423.0	1269.4	1114.0	959.7	816.4	683.5	557.8	449.6	354.7	278.0
2.5°	1535.2	1390.5	1238.5	1087.7	940.8	798.0	668.6	546.6	442.9	349.8	275.1
0°	1491.7	1352.5	1202.4	1056.4	918.0	776.1	650.8	533.0	434.5	343.6	271.3
-2.5°	1453.4	1310.8	1163.6	1022.4	884.7	749.9	631.4	519.4	425.1	337.5	267.3
-5°	1408.9	1263.7	1120.2	984.1	848.0	721.1	609.7	503.9	414.3	330.4	262.5
-7.5°	1343.6	1206.1	1070.7	941.1	808.2	689.9	585.9	486.9	402.1	322.3	257.1
-10°	1270.1	1140.8	1014.6	892.5	769.6	659.1	560.8	468.6	388.7	313.2	250.9
-12.5°	1192.3	1072.1	955.5	841.5	729.8	628.8	536.8	450.7	374.5	303.4	244.1
-15°	1110.9	1000.5	893.7	788.8	688.6	596.9	511.6	432.3	360.4	293.3	236.8
-17.5°	1028.0	926.4	829.8	734.9	646.7	563.8	485.6	413.0	345.6	283.2	229.5
-20°	952.3	857.3	764.7	680.4	604.3	529.7	459.0	393.0	330.1	272.6	222.1



REPORT NUMBER: P558650 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-940-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°	876.9	793.6	709.9	629.7	562.8	494.9	432.0	372.3	314.1	261.5	214.1
-25°	801.8	730.2	656.4	587.6	522.6	462.6	405.9	351.1	297.7	250.0	205.7
-27.5°	731.0	668.3	602.7	545.4	487.4	430.8	380.7	331.0	281.8	238.2	196.8
-30°	663.5	609.3	554.5	504.1	452.6	403.0	355.5	310.9	267.3	226.8	187.6
-32.5°	601.1	551.1	508.5	465.7	420.6	375.5	332.1	291.0	252.7	215.4	178.9
-35°	543.1	501.3	463.9	428.6	389.7	350.5	310.7	271.2	238.1	203.7	170.4
-37.5°	487.9	457.1	425.1	393.8	359.0	326.0	290.6	254.9	223.6	191.7	161.6
-40°	442.6	416.3	389.6	360.8	331.8	302.0	270.3	239.4	209.5	179.4	152.8
-42.5°	399.3	378.9	355.9	328.8	306.5	279.9	250.4	223.7	195.9	168.3	143.8
-45°	360.9	343.5	323.9	303.6	282.2	257.9	232.8	207.8	182.2	157.9	135.1
-47.5°	324.6	311.7	295.8	278.8	259.0	236.8	215.1	192.7	168.5	147.5	126.7
-50°	294.1	283.0	270.1	254.7	236.3	217.5	197.7	177.7	157.0	137.3	118.2
-52.5°	267.5	256.9	245.5	231.2	215.6	198.2	181.6	162.9	145.3	127.3	109.6
-55°	242.6	232.2	221.7	209.6	195.5	181.0	165.7	149.8	133.4	117.4	100.9
-57.5°	219.1	209.0	199.9	189.0	177.3	164.6	150.8	136.6	122.0	107.3	93.2
-60°	196.5	188.2	179.3	170.4	160.1	148.6	136.3	123.5	110.7	97.4	85.4
-62.5°	175.7	168.3	160.9	152.8	143.4	133.0	121.9	111.0	99.3	88.5	77.5
-65°	156.2	150.1	143.0	135.4	126.8	117.7	108.3	98.4	88.9	79.4	69.5
-67.5°	137.6	131.9	125.1	118.0	111.2	103.6	94.8	86.8	78.8	70.3	61.7
-70°	119.4	113.9	108.2	102.8	96.6	89.7	82.7	75.7	68.6	61.6	53.7
-72.5°	101.9	97.5	93.0	88.0	82.8	77.0	70.8	64.8	59.1	52.8	45.8
-75°	84.8	81.5	78.0	74.0	69.3	64.4	59.6	54.7	49.6	44.0	38.8
-77.5°	68.4	65.8	63.1	60.2	56.6	52.8	48.7	44.5	40.4	36.4	32.0
-80°	53.0	51.3	49.4	47.2	44.3	41.2	38.3	35.3	32.2	28.8	25.2
-82.5°	38.6	37.5	36.2	34.6	32.6	30.6	28.5	26.4	23.9	21.2	18.6
-85°	25.5	24.6	23.6	22.4	21.2	20.0	18.8	17.5	15.8	14.1	12.4
-87.5°	12.7	12.2	11.6	11.1	10.6	10.0	9.4	8.7	7.9	7.1	6.2
-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):

	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°	5.0	4.2	3.4	2.6	1.7	0.9	0.0
85°	10.0	8.4	6.8	5.2	3.5	1.7	0.0
82.5°	15.0	12.6	10.2	7.7	5.2	2.6	0.0
80°	20.3	16.8	13.6	10.3	6.9	3.4	0.0
77.5°	28.9	21.9	16.9	12.8	8.6	4.2	0.0
75°	37.3	28.7	20.6	15.4	10.3	5.1	0.0
72.5°	45.6	35.4	25.8	17.9	12.0	5.9	0.0
70°	54.0	42.0	30.9	20.6	13.6	6.7	0.0
67.5°	64.4	48.4	35.9	24.2	15.3	7.5	0.0
65°	74.4	55.6	40.8	27.8	16.8	8.3	0.0
62.5°	84.1	63.4	45.6	31.2	18.4	9.1	0.0
60°	93.5	70.9	50.2	34.6	19.9	9.8	0.0
57.5°	104.0	78.1	55.7	37.9	22.0	10.5	0.0
55°	114.3	85.1	61.1	41.1	24.1	11.2	0.0
52.5°	124.0	91.9	66.3	44.1	26.1	11.9	0.0
50°	133.2	99.3	71.1	47.0	28.0	12.6	0.0
47.5°	141.9	106.3	75.8	50.0	29.9	13.2	0.0
45°	151.0	112.8	80.1	53.2	31.7	13.8	0.0
42.5°	159.4	118.9	84.2	56.3	33.4	14.4	0.0
40°	167.1	124.4	88.4	59.2	35.0	15.0	0.0
37.5°	174.0	129.5	92.5	62.0	36.5	15.5	0.0
35°	180.1	134.5	96.3	64.6	37.9	16.0	0.0
32.5°	186.0	139.3	99.7	67.0	39.3	16.4	0.0
30°	192.4	143.4	102.7	69.2	40.5	16.9	0.0
27.5°	197.9	147.0	105.6	71.2	41.7	17.3	0.0
25°	202.5	150.0	108.2	73.1	42.7	17.6	0.0
22.5°	206.3	152.6	110.4	74.7	43.7	18.0	0.0
20°	209.2	155.3	112.2	76.1	44.5	18.2	0.0
17.5°	211.9	157.4	113.7	77.4	45.3	18.5	0.0
15°	214.0	159.1	114.8	78.4	45.9	18.7	0.0
12.5°	215.3	160.4	115.6	79.3	46.5	18.9	0.0
10°	215.8	161.1	116.1	79.9	46.9	19.1	0.0
7.5°	215.6	161.5	116.3	80.4	47.2	19.2	0.0
5°	214.6	161.4	116.1	80.7	47.4	19.3	0.0
2.5°	213.0	160.8	115.7	80.7	47.5	19.3	0.0
0°	210.7	159.8	115.0	80.6	47.5	19.3	0.0
-2.5°	208.3	158.3	114.4	80.2	47.4	19.3	0.0
-5°	205.3	156.4	113.6	79.7	47.2	19.3	0.0
-7.5°	201.8	154.1	112.6	78.9	46.8	19.3	0.0
-10°	197.7	151.4	111.2	78.0	46.4	19.2	0.0
-12.5°	193.2	148.4	109.6	76.9	45.9	19.1	0.0
-15°	188.2	145.1	107.8	75.7	45.3	18.9	0.0
-17.5°	182.8	141.6	105.7	74.3	44.6	18.7	0.0
-20°	177.1	137.8	103.4	72.7	43.8	18.5	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	171.5	133.7	100.9	71.0	42.9	18.2	0.0
-25°	165.5	129.7	98.1	69.1	41.9	17.9	0.0
-27.5°	159.2	125.5	95.1	67.1	40.8	17.5	0.0
-30°	152.6	121.0	91.9	64.9	39.7	17.1	0.0
-32.5°	145.8	116.3	88.6	62.6	38.5	16.7	0.0
-35°	139.4	111.3	85.1	60.3	37.2	16.3	0.0
-37.5°	133.1	106.3	81.5	57.7	35.8	15.8	0.0
-40°	126.5	101.5	77.7	55.1	34.4	15.3	0.0
-42.5°	119.8	96.5	73.9	52.4	32.9	14.7	0.0
-45°	112.8	91.4	70.2	49.6	31.4	14.1	0.0
-47.5°	105.6	86.2	66.3	46.7	29.8	13.5	0.0
-50°	99.1	80.8	62.3	44.1	28.1	12.9	0.0
-52.5°	92.5	75.3	58.2	41.5	26.4	12.2	0.0
-55°	85.9	69.9	53.9	38.9	24.7	11.5	0.0
-57.5°	79.2	64.5	49.6	36.2	22.9	10.8	0.0
-60°	72.4	59.0	45.2	33.4	21.0	10.1	0.0
-62.5°	65.7	53.4	41.4	30.6	19.4	9.3	0.0
-65°	58.9	47.7	37.6	27.7	17.8	8.5	0.0
-67.5°	52.1	42.4	33.7	24.7	16.2	7.7	0.0
-70°	45.2	37.5	29.8	21.8	14.5	6.9	0.0
-72.5°	39.2	32.6	25.8	19.0	12.7	6.1	0.0
-75°	33.3	27.6	21.8	16.4	11.0	5.2	0.0
-77.5°	27.4	22.6	18.1	13.7	9.2	4.4	0.0
-80°	21.4	18.0	14.5	11.0	7.4	3.5	0.0
-82.5°	16.0	13.5	10.9	8.3	5.5	2.6	0.0
-85°	10.7	9.0	7.3	5.5	3.7	1.8	0.0
-87.5°	5.4	4.5	3.6	2.8	1.9	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)