

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: P558926 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-935-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558926 (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-SA4C-935-U-NAT-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (64) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

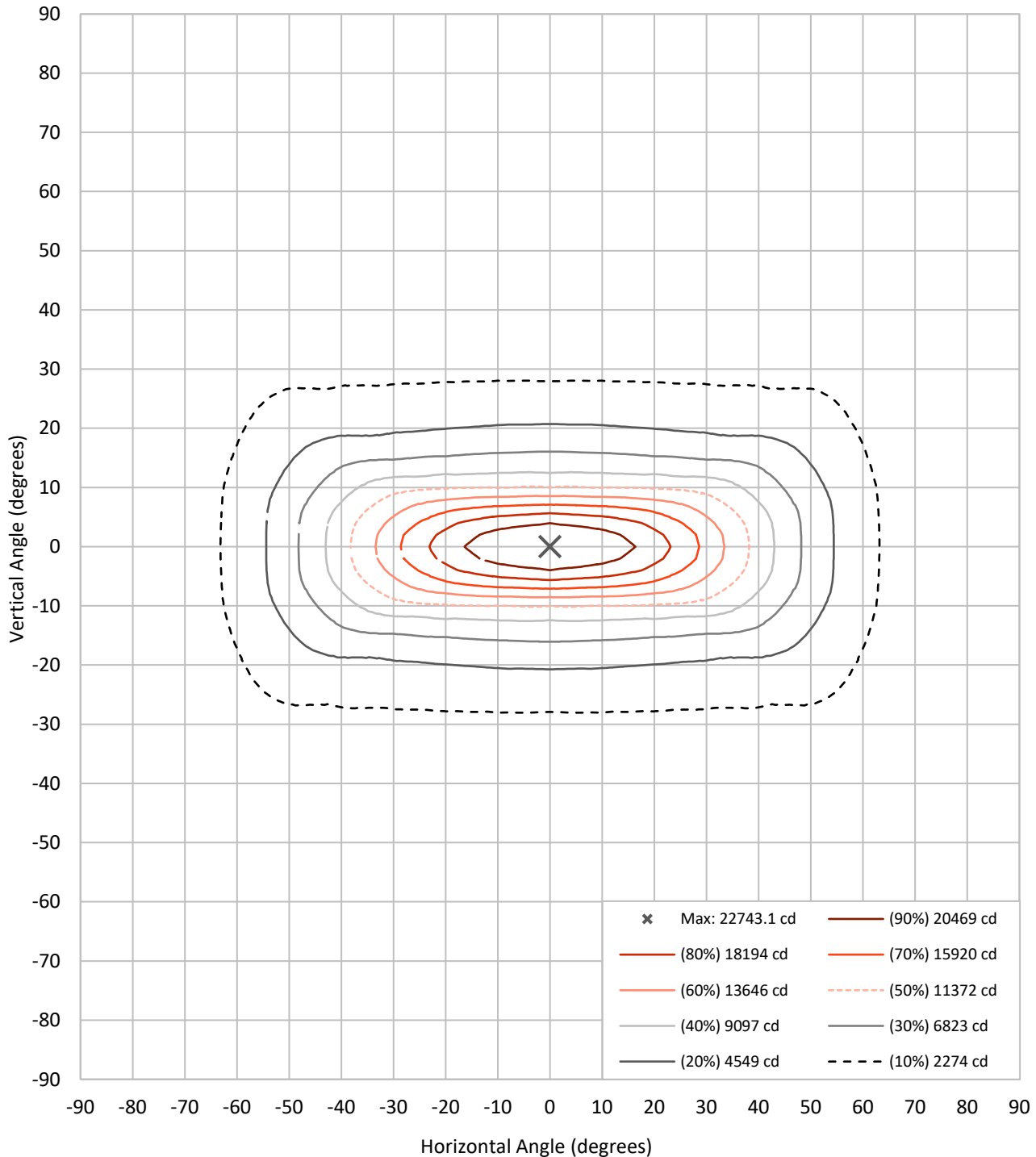
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	16288.1 lumens	Max Intensity:	22743.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	99.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	6516.8 lumens	Field Lumens:	13349.8 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 164
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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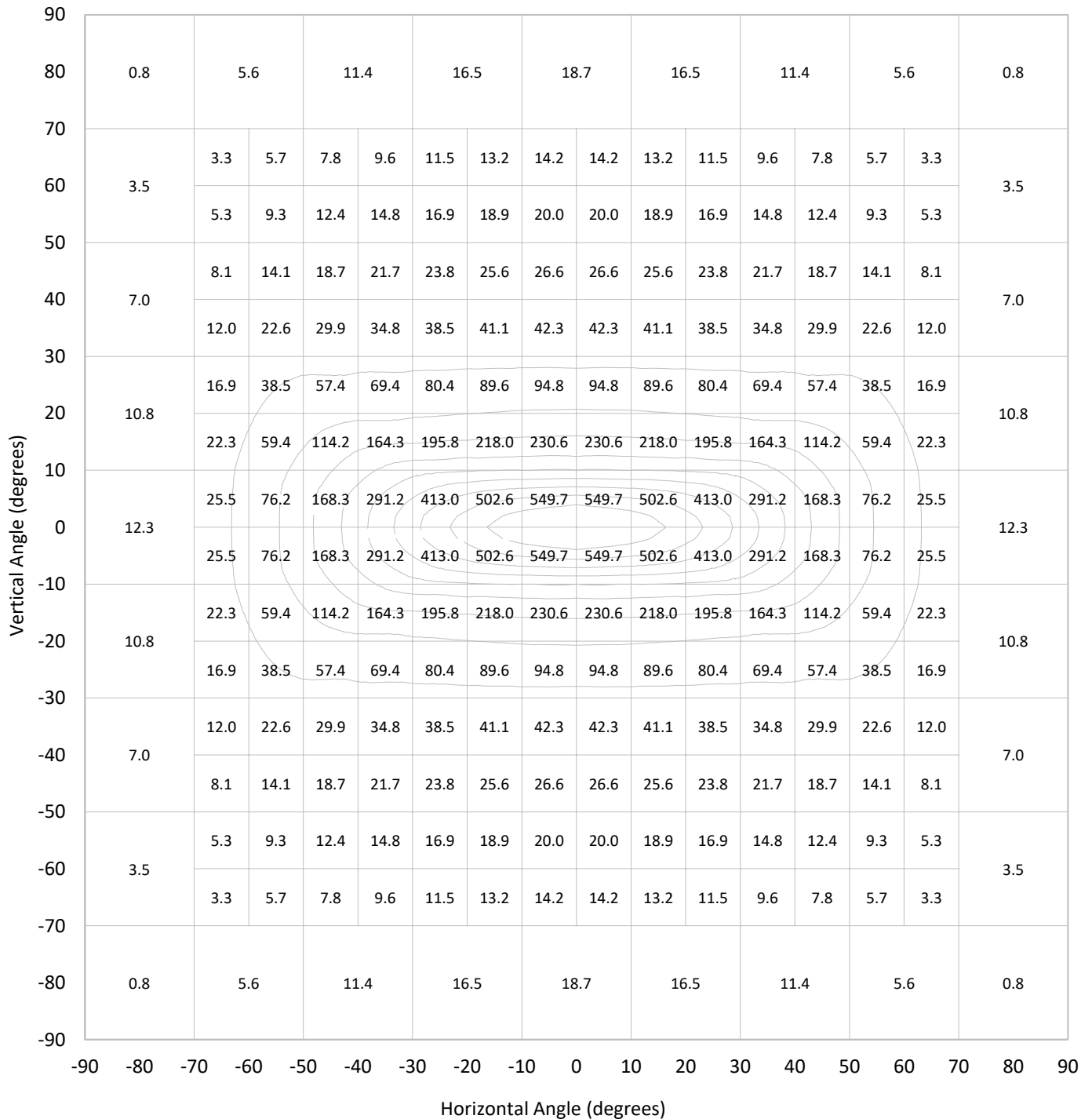
Iso-Candela Plot





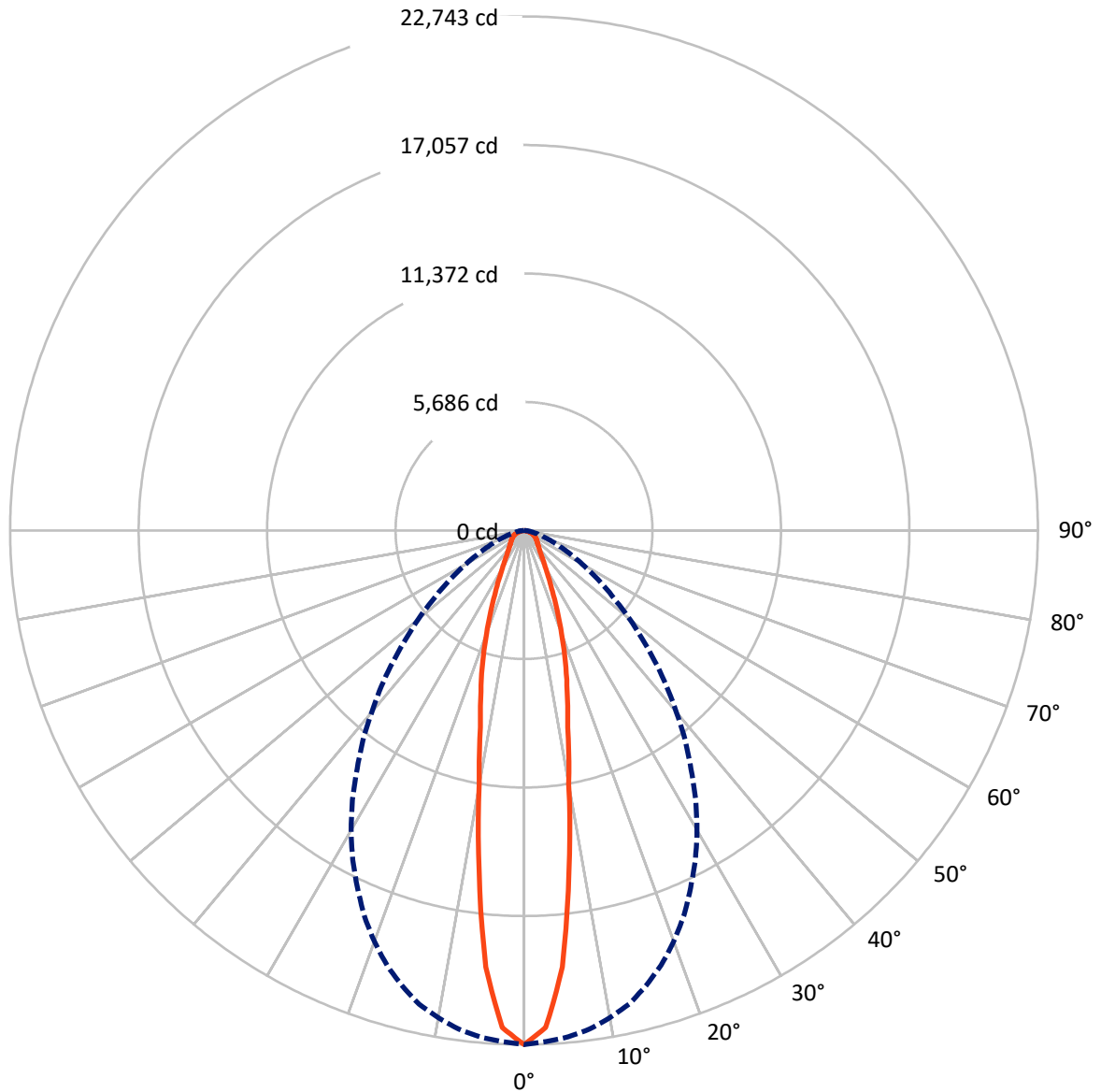
REPORT NUMBER: P558926 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table



REPORT NUMBER: P558926 (CONVERTED FROM TYPE C PHOTOMETRY)
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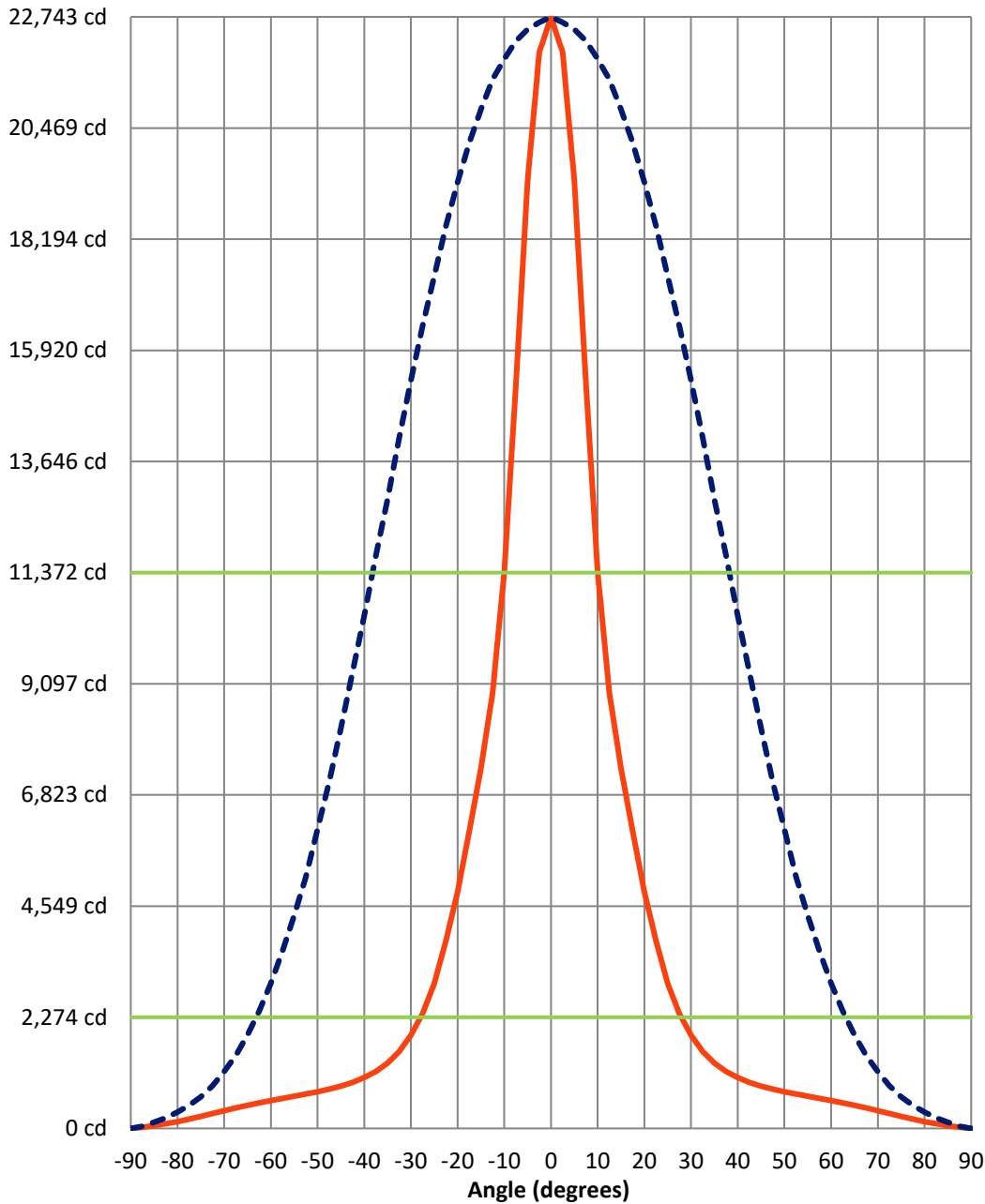
Luminous Intensity Polar Plot



— 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: 6516.8
Efficiency: 40.0%

Field:
H Angle: 126.3°
V Angle: 55.8°
Lumens: 13349.8
Efficiency: 82.0%

Spill:
Lumens: 2938.3
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	1.9	3.8	5.4	6.8	8.0	9.1	10.3	11.4	12.4	13.4
85°	0.0	3.8	7.6	10.8	13.6	16.1	18.1	20.5	22.8	24.9	26.8
82.5°	0.0	5.7	11.3	16.1	20.4	24.1	27.2	30.8	34.9	41.6	47.7
80°	0.0	7.5	15.1	21.5	27.2	32.1	37.3	47.4	56.8	65.4	73.1
77.5°	0.0	9.4	18.8	26.8	33.9	42.6	54.9	67.2	78.6	89.1	99.0
75°	0.0	11.2	22.4	32.1	41.7	57.8	72.4	86.9	100.7	114.7	126.6
72.5°	0.0	13.0	26.1	37.4	54.2	72.8	89.9	107.3	125.3	141.0	154.3
70°	0.0	14.8	29.7	43.5	66.5	87.8	107.6	129.9	150.0	167.5	184.7
67.5°	0.0	16.6	33.2	52.9	78.7	102.6	127.9	152.4	174.7	197.7	216.1
65°	0.0	18.3	36.6	62.2	90.8	118.7	148.1	174.8	203.3	228.0	249.8
62.5°	0.0	20.0	40.0	71.3	102.7	136.1	168.2	200.0	231.9	259.8	288.2
60°	0.0	21.7	43.4	80.3	114.5	153.3	188.2	226.2	260.7	295.8	326.8
57.5°	0.0	23.3	49.2	89.2	128.3	170.3	210.9	252.5	293.0	332.0	368.6
55°	0.0	24.9	55.0	97.9	142.1	187.1	233.7	278.6	326.0	369.5	412.8
52.5°	0.0	26.4	60.6	106.3	155.6	204.1	256.2	307.9	358.9	412.0	458.1
50°	0.0	27.9	66.0	114.6	168.9	222.7	278.3	337.8	393.7	455.1	511.9
47.5°	0.0	29.3	71.3	123.1	181.9	240.9	300.7	367.7	433.5	499.0	568.6
45°	0.0	30.7	76.4	132.6	194.5	258.8	326.6	397.8	474.1	552.5	627.3
42.5°	0.0	32.0	81.3	141.8	206.9	276.1	352.4	431.0	514.8	607.3	694.3
40°	0.0	33.2	86.0	150.5	219.6	293.0	377.8	466.2	558.2	663.2	764.6
37.5°	0.0	34.4	90.5	158.5	232.6	309.4	403.0	501.0	607.5	721.8	837.3
35°	0.0	35.5	94.7	166.0	245.0	328.0	427.8	535.3	656.6	786.6	916.0
32.5°	0.0	36.6	98.8	173.0	256.9	347.4	453.2	568.9	705.3	852.3	1002.6
30°	0.0	37.6	102.6	179.5	268.3	366.3	480.3	603.6	753.6	918.6	1091.2
27.5°	0.0	38.5	106.1	185.5	277.8	384.4	506.5	642.9	804.0	985.1	1181.3
25°	0.0	39.3	109.4	190.9	286.5	401.8	531.7	681.0	858.4	1057.5	1272.9
22.5°	0.0	40.1	112.4	195.8	294.6	417.3	555.8	717.8	911.7	1132.3	1373.0
20°	0.0	40.8	115.2	200.1	302.0	429.2	578.7	753.1	963.7	1206.1	1472.2
17.5°	0.0	41.4	117.7	203.9	308.7	439.6	596.0	786.6	1013.9	1278.3	1569.8
15°	0.0	41.9	119.9	207.2	314.7	448.5	608.8	813.0	1062.0	1348.2	1664.9
12.5°	0.0	42.4	121.8	209.9	319.9	456.0	619.8	830.2	1096.5	1415.2	1756.7
10°	0.0	42.7	123.4	212.0	324.4	462.1	628.9	844.4	1118.5	1446.8	1828.3
7.5°	0.0	43.0	124.7	213.6	328.0	466.7	636.1	855.7	1136.3	1467.5	1860.7
5°	0.0	43.2	125.7	214.7	330.8	470.0	641.3	863.9	1149.8	1481.9	1885.8
2.5°	0.0	43.4	126.4	215.3	332.8	471.8	644.6	869.0	1158.8	1490.0	1903.2
0°	0.0	43.4	126.8	215.3	333.8	472.3	645.8	871.1	1163.2	1491.9	1912.5
-2.5°	0.0	43.4	126.4	215.3	332.8	471.8	644.6	869.0	1158.8	1490.0	1903.2
-5°	0.0	43.2	125.7	214.7	330.8	470.0	641.3	863.9	1149.8	1481.9	1885.8
-7.5°	0.0	43.0	124.7	213.6	328.0	466.7	636.1	855.7	1136.3	1467.5	1860.7
-10°	0.0	42.7	123.4	212.0	324.4	462.1	628.9	844.4	1118.5	1446.8	1828.3
-12.5°	0.0	42.4	121.8	209.9	319.9	456.0	619.8	830.2	1096.5	1415.2	1756.7
-15°	0.0	41.9	119.9	207.2	314.7	448.5	608.8	813.0	1062.0	1348.2	1664.9
-17.5°	0.0	41.4	117.7	203.9	308.7	439.6	596.0	786.6	1013.9	1278.3	1569.8
-20°	0.0	40.8	115.2	200.1	302.0	429.2	578.7	753.1	963.7	1206.1	1472.2



REPORT NUMBER: P558926 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	40.1	112.4	195.8	294.6	417.3	555.8	717.8	911.7	1132.3	1373.0
-25°	0.0	39.3	109.4	190.9	286.5	401.8	531.7	681.0	858.4	1057.5	1272.9
-27.5°	0.0	38.5	106.1	185.5	277.8	384.4	506.5	642.9	804.0	985.1	1181.3
-30°	0.0	37.6	102.6	179.5	268.3	366.3	480.3	603.6	753.6	918.6	1091.2
-32.5°	0.0	36.6	98.8	173.0	256.9	347.4	453.2	568.9	705.3	852.3	1002.6
-35°	0.0	35.5	94.7	166.0	245.0	328.0	427.8	535.3	656.6	786.6	916.0
-37.5°	0.0	34.4	90.5	158.5	232.6	309.4	403.0	501.0	607.5	721.8	837.3
-40°	0.0	33.2	86.0	150.5	219.6	293.0	377.8	466.2	558.2	663.2	764.6
-42.5°	0.0	32.0	81.3	141.8	206.9	276.1	352.4	431.0	514.8	607.3	694.3
-45°	0.0	30.7	76.4	132.6	194.5	258.8	326.6	397.8	474.1	552.5	627.3
-47.5°	0.0	29.3	71.3	123.1	181.9	240.9	300.7	367.7	433.5	499.0	568.6
-50°	0.0	27.9	66.0	114.6	168.9	222.7	278.3	337.8	393.7	455.1	511.9
-52.5°	0.0	26.4	60.6	106.3	155.6	204.1	256.2	307.9	358.9	412.0	458.1
-55°	0.0	24.9	55.0	97.9	142.1	187.1	233.7	278.6	326.0	369.5	412.8
-57.5°	0.0	23.3	49.2	89.2	128.3	170.3	210.9	252.5	293.0	332.0	368.6
-60°	0.0	21.7	43.4	80.3	114.5	153.3	188.2	226.2	260.7	295.8	326.8
-62.5°	0.0	20.0	40.0	71.3	102.7	136.1	168.2	200.0	231.9	259.8	288.2
-65°	0.0	18.3	36.6	62.2	90.8	118.7	148.1	174.8	203.3	228.0	249.8
-67.5°	0.0	16.6	33.2	52.9	78.7	102.6	127.9	152.4	174.7	197.7	216.1
-70°	0.0	14.8	29.7	43.5	66.5	87.8	107.6	129.9	150.0	167.5	184.7
-72.5°	0.0	13.0	26.1	37.4	54.2	72.8	89.9	107.3	125.3	141.0	154.3
-75°	0.0	11.2	22.4	32.1	41.7	57.8	72.4	86.9	100.7	114.7	126.6
-77.5°	0.0	9.4	18.8	26.8	33.9	42.6	54.9	67.2	78.6	89.1	99.0
-80°	0.0	7.5	15.1	21.5	27.2	32.1	37.3	47.4	56.8	65.4	73.1
-82.5°	0.0	5.7	11.3	16.1	20.4	24.1	27.2	30.8	34.9	41.6	47.7
-85°	0.0	3.8	7.6	10.8	13.6	16.1	18.1	20.5	22.8	24.9	26.8
-87.5°	0.0	1.9	3.8	5.4	6.8	8.0	9.1	10.3	11.4	12.4	13.4
-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: P558926 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-NAT-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°	14.4	15.4	16.3	17.2	18.0	18.8	19.5	20.1	20.9	21.8	22.5
85°	28.9	30.8	34.1	36.9	39.4	41.6	43.4	45.0	46.6	47.9	48.9
82.5°	53.1	57.6	61.2	63.8	66.9	69.5	71.8	73.8	75.9	77.8	79.5
80°	79.4	84.5	89.7	94.2	98.7	102.0	104.1	104.9	107.6	111.0	114.5
77.5°	107.7	115.3	122.1	127.9	132.7	136.8	139.8	141.6	145.8	150.7	154.9
75°	136.9	146.3	155.6	163.8	170.3	175.1	178.6	181.5	186.5	192.9	198.3
72.5°	167.4	180.0	191.1	200.6	209.3	216.0	220.9	224.1	229.2	236.7	242.8
70°	199.5	213.9	228.9	241.2	250.5	258.4	264.9	269.4	273.9	281.5	287.2
67.5°	232.7	253.3	270.0	283.0	293.3	303.0	310.3	315.1	317.2	324.8	331.2
65°	271.9	293.9	312.5	327.1	337.4	349.3	357.5	361.6	362.9	371.2	379.1
62.5°	311.9	336.2	356.5	373.3	386.7	398.0	407.2	412.4	413.2	419.4	428.4
60°	354.5	379.4	403.5	423.7	438.1	449.7	459.7	465.2	466.3	468.8	479.1
57.5°	398.9	425.7	453.9	476.6	493.4	503.0	513.9	520.0	522.4	520.9	531.6
55°	447.1	475.1	506.9	533.3	551.3	560.0	570.2	578.9	581.9	579.9	586.3
52.5°	501.8	529.7	563.7	592.7	612.7	623.2	630.3	640.8	645.6	643.5	642.2
50°	559.3	594.3	622.5	655.7	679.8	693.6	693.7	706.7	713.0	711.1	702.5
47.5°	624.4	664.0	685.2	723.2	754.6	770.8	771.9	777.1	784.8	786.9	779.5
45°	694.8	743.0	765.8	799.8	834.9	854.8	860.8	851.5	865.3	869.6	865.0
42.5°	768.8	830.3	866.4	880.2	921.1	948.7	959.4	952.8	952.1	961.8	961.6
40°	854.4	925.0	979.2	993.5	1014.2	1052.3	1074.8	1073.7	1048.4	1066.4	1071.1
37.5°	945.8	1037.6	1104.6	1134.4	1118.7	1169.5	1202.6	1215.9	1200.2	1182.5	1202.7
35°	1042.0	1158.1	1248.4	1299.1	1301.4	1300.2	1351.9	1379.7	1381.6	1349.2	1356.5
32.5°	1149.7	1286.0	1405.5	1487.7	1525.0	1501.9	1515.4	1573.7	1602.2	1589.8	1543.2
30°	1265.4	1432.6	1579.2	1695.0	1778.4	1802.9	1747.4	1792.8	1856.1	1881.3	1861.0
27.5°	1382.4	1588.1	1774.0	1934.6	2063.7	2145.6	2147.5	2077.3	2149.0	2209.8	2233.4
25°	1501.2	1743.7	1980.6	2198.3	2393.7	2534.4	2599.1	2606.6	2506.3	2597.5	2682.4
22.5°	1627.8	1903.9	2185.0	2479.1	2751.4	2957.9	3114.9	3209.4	3206.3	3110.7	3185.4
20°	1761.9	2078.2	2405.5	2754.4	3125.8	3409.6	3672.7	3873.8	3994.9	4035.1	3956.8
17.5°	1895.6	2254.0	2637.0	3052.6	3482.3	3875.8	4270.0	4590.9	4845.3	5054.1	5128.8
15°	2027.7	2429.4	2869.4	3352.8	3849.3	4341.9	4848.7	5340.3	5773.0	6155.1	6381.6
12.5°	2156.8	2602.5	3100.0	3651.6	4221.4	4814.4	5419.1	6018.0	6641.5	7260.2	7730.5
10°	2281.2	2771.0	3325.9	3945.2	4593.2	5286.8	5988.6	6699.3	7456.6	8186.4	8889.0
7.5°	2334.4	2881.1	3520.4	4229.6	4958.8	5751.9	6549.4	7374.4	8259.4	9110.9	9968.8
5°	2367.3	2924.8	3575.1	4314.0	5125.1	6055.4	7006.9	8028.9	9038.7	10019.2	11030.1
2.5°	2389.1	2954.7	3611.5	4347.3	5149.9	6105.2	7068.7	8129.9	9262.9	10396.5	11600.0
0°	2399.8	2970.5	3629.7	4357.4	5146.7	6121.3	7092.6	8187.4	9335.5	10488.7	11720.3
-2.5°	2389.1	2954.7	3611.5	4347.3	5149.9	6105.2	7068.7	8129.9	9262.9	10396.5	11600.0
-5°	2367.3	2924.8	3575.1	4314.0	5125.1	6055.4	7006.9	8028.9	9038.7	10019.2	11030.1
-7.5°	2334.4	2881.1	3520.4	4229.6	4958.8	5751.9	6549.4	7374.4	8259.4	9110.9	9968.8
-10°	2281.2	2771.0	3325.9	3945.2	4593.2	5286.8	5988.6	6699.3	7456.6	8186.4	8889.0
-12.5°	2156.8	2602.5	3100.0	3651.6	4221.4	4814.4	5419.1	6018.0	6641.5	7260.2	7730.5
-15°	2027.7	2429.4	2869.4	3352.8	3849.3	4341.9	4848.7	5340.3	5773.0	6155.1	6381.6
-17.5°	1895.6	2254.0	2637.0	3052.6	3482.3	3875.8	4270.0	4590.9	4845.3	5054.1	5128.8
-20°	1761.9	2078.2	2405.5	2754.4	3125.8	3409.6	3672.7	3873.8	3994.9	4035.1	3956.8



REPORT NUMBER: P558926 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1627.8	1903.9	2185.0	2479.1	2751.4	2957.9	3114.9	3209.4	3206.3	3110.7	3185.4
-25°	1501.2	1743.7	1980.6	2198.3	2393.7	2534.4	2599.1	2606.6	2506.3	2597.5	2682.4
-27.5°	1382.4	1588.1	1774.0	1934.6	2063.7	2145.6	2147.5	2077.3	2149.0	2209.8	2233.4
-30°	1265.4	1432.6	1579.2	1695.0	1778.4	1802.9	1747.4	1792.8	1856.1	1881.3	1861.0
-32.5°	1149.7	1286.0	1405.5	1487.7	1525.0	1501.9	1515.4	1573.7	1602.2	1589.8	1543.2
-35°	1042.0	1158.1	1248.4	1299.1	1301.4	1300.2	1351.9	1379.7	1381.6	1349.2	1356.5
-37.5°	945.8	1037.6	1104.6	1134.4	1118.7	1169.5	1202.6	1215.9	1200.2	1182.5	1202.7
-40°	854.4	925.0	979.2	993.5	1014.2	1052.3	1074.8	1073.7	1048.4	1066.4	1071.1
-42.5°	768.8	830.3	866.4	880.2	921.1	948.7	959.4	952.8	952.1	961.8	961.6
-45°	694.8	743.0	765.8	799.8	834.9	854.8	860.8	851.5	865.3	869.6	865.0
-47.5°	624.4	664.0	685.2	723.2	754.6	770.8	771.9	777.1	784.8	786.9	779.5
-50°	559.3	594.3	622.5	655.7	679.8	693.6	693.7	706.7	713.0	711.1	702.5
-52.5°	501.8	529.7	563.7	592.7	612.7	623.2	630.3	640.8	645.6	643.5	642.2
-55°	447.1	475.1	506.9	533.3	551.3	560.0	570.2	578.9	581.9	579.9	586.3
-57.5°	398.9	425.7	453.9	476.6	493.4	503.0	513.9	520.0	522.4	520.9	531.6
-60°	354.5	379.4	403.5	423.7	438.1	449.7	459.7	465.2	466.3	468.8	479.1
-62.5°	311.9	336.2	356.5	373.3	386.7	398.0	407.2	412.4	413.2	419.4	428.4
-65°	271.9	293.9	312.5	327.1	337.4	349.3	357.5	361.6	362.9	371.2	379.1
-67.5°	232.7	253.3	270.0	283.0	293.3	303.0	310.3	315.1	317.2	324.8	331.2
-70°	199.5	213.9	228.9	241.2	250.5	258.4	264.9	269.4	273.9	281.5	287.2
-72.5°	167.4	180.0	191.1	200.6	209.3	216.0	220.9	224.1	229.2	236.7	242.8
-75°	136.9	146.3	155.6	163.8	170.3	175.1	178.6	181.5	186.5	192.9	198.3
-77.5°	107.7	115.3	122.1	127.9	132.7	136.8	139.8	141.6	145.8	150.7	154.9
-80°	79.4	84.5	89.7	94.2	98.7	102.0	104.1	104.9	107.6	111.0	114.5
-82.5°	53.1	57.6	61.2	63.8	66.9	69.5	71.8	73.8	75.9	77.8	79.5
-85°	28.9	30.8	34.1	36.9	39.4	41.6	43.4	45.0	46.6	47.9	48.9
-87.5°	14.4	15.4	16.3	17.2	18.0	18.8	19.5	20.1	20.9	21.8	22.5
-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):

	-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°	23.3	22.9	22.4	21.9	21.2	21.2	21.2	21.1	21.0	20.8	20.5
85°	49.7	50.6	51.5	52.4	53.2	54.1	54.8	55.4	55.9	55.9	55.7
82.5°	80.9	83.6	86.3	88.9	91.2	92.6	93.5	94.1	94.4	95.2	95.8
80°	117.4	121.4	125.1	128.1	130.6	132.5	134.0	135.2	136.0	137.0	137.6
77.5°	158.8	163.3	167.5	171.2	174.4	177.4	180.0	182.0	183.5	185.8	187.9
75°	202.9	207.9	213.1	217.8	222.0	226.4	230.7	234.7	238.2	241.2	243.5
72.5°	247.4	252.7	259.2	265.1	270.7	276.6	282.5	287.6	292.0	296.1	299.9
70°	291.4	296.4	304.7	312.7	320.1	327.2	334.2	340.5	346.1	351.4	356.3
67.5°	336.8	342.0	352.3	361.5	369.8	377.6	385.8	393.1	399.4	405.1	410.1
65°	385.3	389.8	401.0	411.1	419.9	427.2	436.0	444.0	451.1	457.3	462.6
62.5°	435.4	440.0	449.2	459.2	467.5	474.5	484.9	493.9	501.4	507.8	513.1
60°	486.3	490.2	497.3	508.3	517.6	525.3	534.4	543.1	550.5	556.7	562.4
57.5°	539.1	543.1	546.5	557.5	566.5	573.5	581.5	590.0	597.1	603.0	608.8
55°	593.6	596.7	595.6	605.8	614.3	619.9	625.9	634.9	642.0	647.3	652.5
52.5°	649.4	653.1	650.6	654.9	664.0	669.2	671.7	681.5	688.8	693.5	698.3
50°	711.5	714.5	712.2	709.7	718.7	724.0	725.5	733.3	739.9	743.5	747.0
47.5°	778.9	782.5	780.7	770.9	778.9	785.6	785.8	789.1	796.0	798.8	800.9
45°	852.1	859.1	857.6	850.8	849.7	856.6	855.9	853.3	861.1	864.7	865.8
42.5°	948.3	946.0	948.1	944.2	932.1	939.9	940.9	931.0	940.9	945.2	942.7
40°	1065.9	1044.4	1056.2	1054.5	1043.2	1041.5	1047.6	1039.6	1041.1	1047.2	1042.5
37.5°	1205.9	1190.5	1184.1	1189.4	1186.1	1171.6	1183.1	1180.3	1171.1	1181.5	1177.0
35°	1378.2	1373.6	1339.0	1360.0	1364.4	1350.6	1354.6	1360.6	1340.7	1356.3	1354.7
32.5°	1579.7	1589.9	1582.4	1569.5	1589.1	1591.6	1568.9	1596.2	1585.2	1589.1	1599.9
30°	1807.8	1860.2	1885.7	1862.9	1875.1	1899.5	1888.3	1907.3	1916.4	1902.2	1929.1
27.5°	2206.4	2187.8	2248.9	2275.5	2247.1	2291.5	2323.8	2309.5	2356.7	2328.7	2368.6
25°	2713.0	2685.7	2702.1	2789.9	2809.4	2786.8	2877.8	2888.5	2925.9	2930.5	2958.3
22.5°	3308.2	3374.1	3366.4	3393.1	3503.4	3540.3	3573.9	3661.4	3641.4	3720.8	3734.5
20°	3973.7	4139.2	4253.3	4277.3	4324.4	4451.3	4509.4	4578.4	4624.8	4699.9	4763.4
17.5°	5099.4	5014.6	5238.3	5378.8	5452.8	5479.1	5631.9	5681.7	5796.4	5862.0	5927.1
15°	6544.8	6594.3	6493.3	6627.3	6853.6	6930.0	6842.2	7047.3	7105.0	7215.4	7235.0
12.5°	8089.8	8339.9	8462.5	8495.8	8377.6	8699.5	8828.4	8666.5	8850.2	8817.0	8968.1
10°	9563.9	10171.6	10535.3	10791.2	10946.7	11040.4	11133.5	11300.8	11303.7	11427.6	11355.3
7.5°	10774.2	11544.6	12280.6	12994.5	13565.7	13885.9	14137.2	14378.3	14700.1	14854.1	14954.3
5°	11958.2	12847.1	13727.7	14593.2	15376.9	16131.0	16870.0	17511.0	17850.7	18247.7	18601.6
2.5°	12724.0	13848.3	14973.0	16087.0	16992.6	17823.5	18592.7	19307.1	19933.8	20513.5	21003.1
0°	12873.5	14131.8	15305.0	16416.5	17436.1	18462.5	19358.6	20166.4	20848.9	21464.7	21880.3
-2.5°	12724.0	13848.3	14973.0	16087.0	16992.6	17823.5	18592.7	19307.1	19933.8	20513.5	21003.1
-5°	11958.2	12847.1	13727.7	14593.2	15376.9	16131.0	16870.0	17511.0	17850.7	18247.7	18601.6
-7.5°	10774.2	11544.6	12280.6	12994.5	13565.7	13885.9	14137.2	14378.3	14700.1	14854.1	14954.3
-10°	9563.9	10171.6	10535.3	10791.2	10946.7	11040.4	11133.5	11300.8	11303.7	11427.6	11355.3
-12.5°	8089.8	8339.9	8462.5	8495.8	8377.6	8699.5	8828.4	8666.5	8850.2	8817.0	8968.1
-15°	6544.8	6594.3	6493.3	6627.3	6853.6	6930.0	6842.2	7047.3	7105.0	7215.4	7235.0
-17.5°	5099.4	5014.6	5238.3	5378.8	5452.8	5479.1	5631.9	5681.7	5796.4	5862.0	5927.1
-20°	3973.7	4139.2	4253.3	4277.3	4324.4	4451.3	4509.4	4578.4	4624.8	4699.9	4763.4



REPORT NUMBER: P558926 (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°	3308.2	3374.1	3366.4	3393.1	3503.4	3540.3	3573.9	3661.4	3641.4	3720.8	3734.5
-25°	2713.0	2685.7	2702.1	2789.9	2809.4	2786.8	2877.8	2888.5	2925.9	2930.5	2958.3
-27.5°	2206.4	2187.8	2248.9	2275.5	2247.1	2291.5	2323.8	2309.5	2356.7	2328.7	2368.6
-30°	1807.8	1860.2	1885.7	1862.9	1875.1	1899.5	1888.3	1907.3	1916.4	1902.2	1929.1
-32.5°	1579.7	1589.9	1582.4	1569.5	1589.1	1591.6	1568.9	1596.2	1585.2	1589.1	1599.9
-35°	1378.2	1373.6	1339.0	1360.0	1364.4	1350.6	1354.6	1360.6	1340.7	1356.3	1354.7
-37.5°	1205.9	1190.5	1184.1	1189.4	1186.1	1171.6	1183.1	1180.3	1171.1	1181.5	1177.0
-40°	1065.9	1044.4	1056.2	1054.5	1043.2	1041.5	1047.6	1039.6	1041.1	1047.2	1042.5
-42.5°	948.3	946.0	948.1	944.2	932.1	939.9	940.9	931.0	940.9	945.2	942.7
-45°	852.1	859.1	857.6	850.8	849.7	856.6	855.9	853.3	861.1	864.7	865.8
-47.5°	778.9	782.5	780.7	770.9	778.9	785.6	785.8	789.1	796.0	798.8	800.9
-50°	711.5	714.5	712.2	709.7	718.7	724.0	725.5	733.3	739.9	743.5	747.0
-52.5°	649.4	653.1	650.6	654.9	664.0	669.2	671.7	681.5	688.8	693.5	698.3
-55°	593.6	596.7	595.6	605.8	614.3	619.9	625.9	634.9	642.0	647.3	652.5
-57.5°	539.1	543.1	546.5	557.5	566.5	573.5	581.5	590.0	597.1	603.0	608.8
-60°	486.3	490.2	497.3	508.3	517.6	525.3	534.4	543.1	550.5	556.7	562.4
-62.5°	435.4	440.0	449.2	459.2	467.5	474.5	484.9	493.9	501.4	507.8	513.1
-65°	385.3	389.8	401.0	411.1	419.9	427.2	436.0	444.0	451.1	457.3	462.6
-67.5°	336.8	342.0	352.3	361.5	369.8	377.6	385.8	393.1	399.4	405.1	410.1
-70°	291.4	296.4	304.7	312.7	320.1	327.2	334.2	340.5	346.1	351.4	356.3
-72.5°	247.4	252.7	259.2	265.1	270.7	276.6	282.5	287.6	292.0	296.1	299.9
-75°	202.9	207.9	213.1	217.8	222.0	226.4	230.7	234.7	238.2	241.2	243.5
-77.5°	158.8	163.3	167.5	171.2	174.4	177.4	180.0	182.0	183.5	185.8	187.9
-80°	117.4	121.4	125.1	128.1	130.6	132.5	134.0	135.2	136.0	137.0	137.6
-82.5°	80.9	83.6	86.3	88.9	91.2	92.6	93.5	94.1	94.4	95.2	95.8
-85°	49.7	50.6	51.5	52.4	53.2	54.1	54.8	55.4	55.9	55.9	55.7
-87.5°	23.3	22.9	22.4	21.9	21.2	21.2	21.2	21.1	21.0	20.8	20.5
-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: P558926 (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°	20.3	19.9	20.8	21.7	20.8	19.9	20.3	20.5	20.8	21.0	21.1
85°	55.3	54.8	55.8	56.7	55.8	54.8	55.3	55.7	55.9	55.9	55.4
82.5°	96.2	96.3	96.7	96.8	96.7	96.3	96.2	95.8	95.2	94.4	94.1
80°	137.9	137.9	137.5	136.8	137.5	137.9	137.9	137.6	137.0	136.0	135.2
77.5°	189.6	190.9	191.6	191.9	191.6	190.9	189.6	187.9	185.8	183.5	182.0
75°	245.0	245.8	245.9	245.3	245.9	245.8	245.0	243.5	241.2	238.2	234.7
72.5°	303.0	305.4	305.9	305.4	305.9	305.4	303.0	299.9	296.1	292.0	287.6
70°	360.4	363.5	363.5	362.1	363.5	363.5	360.4	356.3	351.4	346.1	340.5
67.5°	414.0	416.9	419.1	420.5	419.1	416.9	414.0	410.1	405.1	399.4	393.1
65°	466.9	470.0	471.8	472.3	471.8	470.0	466.9	462.6	457.3	451.1	444.0
62.5°	517.1	520.0	521.7	522.3	521.7	520.0	517.1	513.1	507.8	501.4	493.9
60°	566.7	569.9	570.4	569.1	570.4	569.9	566.7	562.4	556.7	550.5	543.1
57.5°	613.3	616.5	616.4	614.1	616.4	616.5	613.3	608.8	603.0	597.1	590.0
55°	656.3	658.7	659.6	659.2	659.6	658.7	656.3	652.5	647.3	642.0	634.9
52.5°	701.9	703.7	704.6	704.3	704.6	703.7	701.9	698.3	693.5	688.8	681.5
50°	749.4	749.6	749.6	749.3	749.6	749.6	749.4	747.0	743.5	739.9	733.3
47.5°	803.8	804.3	804.5	804.4	804.5	804.3	803.8	800.9	798.8	796.0	789.1
45°	867.9	866.2	864.3	864.5	864.3	866.2	867.9	865.8	864.7	861.1	853.3
42.5°	945.0	943.0	940.6	941.2	940.6	943.0	945.0	942.7	945.2	940.9	931.0
40°	1046.6	1046.0	1042.6	1041.4	1042.6	1046.0	1046.6	1042.5	1047.2	1041.1	1039.6
37.5°	1177.7	1175.7	1168.1	1164.9	1168.1	1175.7	1177.7	1177.0	1181.5	1171.1	1180.3
35°	1350.1	1347.6	1335.9	1336.7	1335.9	1347.6	1350.1	1354.7	1356.3	1340.7	1360.6
32.5°	1594.5	1595.4	1577.8	1573.7	1577.8	1595.4	1594.5	1599.9	1589.1	1585.2	1596.2
30°	1912.3	1919.3	1898.6	1907.5	1898.6	1919.3	1912.3	1929.1	1902.2	1916.4	1907.3
27.5°	2367.9	2381.2	2362.8	2348.1	2362.8	2381.2	2367.9	2368.6	2328.7	2356.7	2309.5
25°	2994.9	3004.8	2983.9	2965.5	2983.9	3004.8	2994.9	2958.3	2930.5	2925.9	2888.5
22.5°	3811.1	3810.5	3809.4	3838.4	3809.4	3810.5	3811.1	3734.5	3720.8	3641.4	3661.4
20°	4804.4	4780.3	4816.3	4839.7	4816.3	4780.3	4804.4	4763.4	4699.9	4624.8	4578.4
17.5°	5942.2	5987.3	6021.9	6079.6	6021.9	5987.3	5942.2	5927.1	5862.0	5796.4	5681.7
15°	7283.9	7351.9	7386.5	7368.0	7386.5	7351.9	7283.9	7235.0	7215.4	7105.0	7047.3
12.5°	8973.4	9054.6	8994.7	8920.0	8994.7	9054.6	8973.4	8968.1	8817.0	8850.2	8666.5
10°	11356.4	11531.3	11541.1	11394.9	11541.1	11531.3	11356.4	11355.3	11427.6	11303.7	11300.8
7.5°	15012.5	15097.5	15226.7	15233.2	15226.7	15097.5	15012.5	14954.3	14854.1	14700.1	14378.3
5°	18762.1	18988.5	19134.6	19387.0	19134.6	18988.5	18762.1	18601.6	18247.7	17850.7	17511.0
2.5°	21319.3	21612.0	21724.4	22010.4	21724.4	21612.0	21319.3	21003.1	20513.5	19933.8	19307.1
0°	22250.7	22487.7	22629.6	22743.1	22629.6	22487.7	22250.7	21880.3	21464.7	20848.9	20166.4
-2.5°	21319.3	21612.0	21724.4	22010.4	21724.4	21612.0	21319.3	21003.1	20513.5	19933.8	19307.1
-5°	18762.1	18988.5	19134.6	19387.0	19134.6	18988.5	18762.1	18601.6	18247.7	17850.7	17511.0
-7.5°	15012.5	15097.5	15226.7	15233.2	15226.7	15097.5	15012.5	14954.3	14854.1	14700.1	14378.3
-10°	11356.4	11531.3	11541.1	11394.9	11541.1	11531.3	11356.4	11355.3	11427.6	11303.7	11300.8
-12.5°	8973.4	9054.6	8994.7	8920.0	8994.7	9054.6	8973.4	8968.1	8817.0	8850.2	8666.5
-15°	7283.9	7351.9	7386.5	7368.0	7386.5	7351.9	7283.9	7235.0	7215.4	7105.0	7047.3
-17.5°	5942.2	5987.3	6021.9	6079.6	6021.9	5987.3	5942.2	5927.1	5862.0	5796.4	5681.7
-20°	4804.4	4780.3	4816.3	4839.7	4816.3	4780.3	4804.4	4763.4	4699.9	4624.8	4578.4



REPORT NUMBER: P558926 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3811.1	3810.5	3809.4	3838.4	3809.4	3810.5	3811.1	3734.5	3720.8	3641.4	3661.4
-25°	2994.9	3004.8	2983.9	2965.5	2983.9	3004.8	2994.9	2958.3	2930.5	2925.9	2888.5
-27.5°	2367.9	2381.2	2362.8	2348.1	2362.8	2381.2	2367.9	2368.6	2328.7	2356.7	2309.5
-30°	1912.3	1919.3	1898.6	1907.5	1898.6	1919.3	1912.3	1929.1	1902.2	1916.4	1907.3
-32.5°	1594.5	1595.4	1577.8	1573.7	1577.8	1595.4	1594.5	1599.9	1589.1	1585.2	1596.2
-35°	1350.1	1347.6	1335.9	1336.7	1335.9	1347.6	1350.1	1354.7	1356.3	1340.7	1360.6
-37.5°	1177.7	1175.7	1168.1	1164.9	1168.1	1175.7	1177.7	1177.0	1181.5	1171.1	1180.3
-40°	1046.6	1046.0	1042.6	1041.4	1042.6	1046.0	1046.6	1042.5	1047.2	1041.1	1039.6
-42.5°	945.0	943.0	940.6	941.2	940.6	943.0	945.0	942.7	945.2	940.9	931.0
-45°	867.9	866.2	864.3	864.5	864.3	866.2	867.9	865.8	864.7	861.1	853.3
-47.5°	803.8	804.3	804.5	804.4	804.5	804.3	803.8	800.9	798.8	796.0	789.1
-50°	749.4	749.6	749.6	749.3	749.6	749.6	749.4	747.0	743.5	739.9	733.3
-52.5°	701.9	703.7	704.6	704.3	704.6	703.7	701.9	698.3	693.5	688.8	681.5
-55°	656.3	658.7	659.6	659.2	659.6	658.7	656.3	652.5	647.3	642.0	634.9
-57.5°	613.3	616.5	616.4	614.1	616.4	616.5	613.3	608.8	603.0	597.1	590.0
-60°	566.7	569.9	570.4	569.1	570.4	569.9	566.7	562.4	556.7	550.5	543.1
-62.5°	517.1	520.0	521.7	522.3	521.7	520.0	517.1	513.1	507.8	501.4	493.9
-65°	466.9	470.0	471.8	472.3	471.8	470.0	466.9	462.6	457.3	451.1	444.0
-67.5°	414.0	416.9	419.1	420.5	419.1	416.9	414.0	410.1	405.1	399.4	393.1
-70°	360.4	363.5	363.5	362.1	363.5	363.5	360.4	356.3	351.4	346.1	340.5
-72.5°	303.0	305.4	305.9	305.4	305.9	305.4	303.0	299.9	296.1	292.0	287.6
-75°	245.0	245.8	245.9	245.3	245.9	245.8	245.0	243.5	241.2	238.2	234.7
-77.5°	189.6	190.9	191.6	191.9	191.6	190.9	189.6	187.9	185.8	183.5	182.0
-80°	137.9	137.9	137.5	136.8	137.5	137.9	137.9	137.6	137.0	136.0	135.2
-82.5°	96.2	96.3	96.7	96.8	96.7	96.3	96.2	95.8	95.2	94.4	94.1
-85°	55.3	54.8	55.8	56.7	55.8	54.8	55.3	55.7	55.9	55.9	55.4
-87.5°	20.3	19.9	20.8	21.7	20.8	19.9	20.3	20.5	20.8	21.0	21.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558926 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-NAT-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°	21.2	21.2	21.2	21.9	22.4	22.9	23.3	22.5	21.8	20.9	20.1
85°	54.8	54.1	53.2	52.4	51.5	50.6	49.7	48.9	47.9	46.6	45.0
82.5°	93.5	92.6	91.2	88.9	86.3	83.6	80.9	79.5	77.8	75.9	73.8
80°	134.0	132.5	130.6	128.1	125.1	121.4	117.4	114.5	111.0	107.6	104.9
77.5°	180.0	177.4	174.4	171.2	167.5	163.3	158.8	154.9	150.7	145.8	141.6
75°	230.7	226.4	222.0	217.8	213.1	207.9	202.9	198.3	192.9	186.5	181.5
72.5°	282.5	276.6	270.7	265.1	259.2	252.7	247.4	242.8	236.7	229.2	224.1
70°	334.2	327.2	320.1	312.7	304.7	296.4	291.4	287.2	281.5	273.9	269.4
67.5°	385.8	377.6	369.8	361.5	352.3	342.0	336.8	331.2	324.8	317.2	315.1
65°	436.0	427.2	419.9	411.1	401.0	389.8	385.3	379.1	371.2	362.9	361.6
62.5°	484.9	474.5	467.5	459.2	449.2	440.0	435.4	428.4	419.4	413.2	412.4
60°	534.4	525.3	517.6	508.3	497.3	490.2	486.3	479.1	468.8	466.3	465.2
57.5°	581.5	573.5	566.5	557.5	546.5	543.1	539.1	531.6	520.9	522.4	520.0
55°	625.9	619.9	614.3	605.8	595.6	596.7	593.6	586.3	579.9	581.9	578.9
52.5°	671.7	669.2	664.0	654.9	650.6	653.1	649.4	642.2	643.5	645.6	640.8
50°	725.5	724.0	718.7	709.7	712.2	714.5	711.5	702.5	711.1	713.0	706.7
47.5°	785.8	785.6	778.9	770.9	780.7	782.5	778.9	779.5	786.9	784.8	777.1
45°	855.9	856.6	849.7	850.8	857.6	859.1	852.1	865.0	869.6	865.3	851.5
42.5°	940.9	939.9	932.1	944.2	948.1	946.0	948.3	961.6	961.8	952.1	952.8
40°	1047.6	1041.5	1043.2	1054.5	1056.2	1044.4	1065.9	1071.1	1066.4	1048.4	1073.7
37.5°	1183.1	1171.6	1186.1	1189.4	1184.1	1190.5	1205.9	1202.7	1182.5	1200.2	1215.9
35°	1354.6	1350.6	1364.4	1360.0	1339.0	1373.6	1378.2	1356.5	1349.2	1381.6	1379.7
32.5°	1568.9	1591.6	1589.1	1569.5	1582.4	1589.9	1579.7	1543.2	1589.8	1602.2	1573.7
30°	1888.3	1899.5	1875.1	1862.9	1885.7	1860.2	1807.8	1861.0	1881.3	1856.1	1792.8
27.5°	2323.8	2291.5	2247.1	2275.5	2248.9	2187.8	2206.4	2233.4	2209.8	2149.0	2077.3
25°	2877.8	2786.8	2809.4	2789.9	2702.1	2685.7	2713.0	2682.4	2597.5	2506.3	2606.6
22.5°	3573.9	3540.3	3503.4	3393.1	3366.4	3374.1	3308.2	3185.4	3110.7	3206.3	3209.4
20°	4509.4	4451.3	4324.4	4277.3	4253.3	4139.2	3973.7	3956.8	4035.1	3994.9	3873.8
17.5°	5631.9	5479.1	5452.8	5378.8	5238.3	5014.6	5099.4	5128.8	5054.1	4845.3	4590.9
15°	6842.2	6930.0	6853.6	6627.3	6493.3	6594.3	6544.8	6381.6	6155.1	5773.0	5340.3
12.5°	8828.4	8699.5	8377.6	8495.8	8462.5	8339.9	8089.8	7730.5	7260.2	6641.5	6018.0
10°	11133.5	11040.4	10946.7	10791.2	10535.3	10171.6	9563.9	8889.0	8186.4	7456.6	6699.3
7.5°	14137.2	13885.9	13565.7	12994.5	12280.6	11544.6	10774.2	9968.8	9110.9	8259.4	7374.4
5°	16870.0	16131.0	15376.9	14593.2	13727.7	12847.1	11958.2	11030.1	10019.2	9038.7	8028.9
2.5°	18592.7	17823.5	16992.6	16087.0	14973.0	13848.3	12724.0	11600.0	10396.5	9262.9	8129.9
0°	19358.6	18462.5	17436.1	16416.5	15305.0	14131.8	12873.5	11720.3	10488.7	9335.5	8187.4
-2.5°	18592.7	17823.5	16992.6	16087.0	14973.0	13848.3	12724.0	11600.0	10396.5	9262.9	8129.9
-5°	16870.0	16131.0	15376.9	14593.2	13727.7	12847.1	11958.2	11030.1	10019.2	9038.7	8028.9
-7.5°	14137.2	13885.9	13565.7	12994.5	12280.6	11544.6	10774.2	9968.8	9110.9	8259.4	7374.4
-10°	11133.5	11040.4	10946.7	10791.2	10535.3	10171.6	9563.9	8889.0	8186.4	7456.6	6699.3
-12.5°	8828.4	8699.5	8377.6	8495.8	8462.5	8339.9	8089.8	7730.5	7260.2	6641.5	6018.0
-15°	6842.2	6930.0	6853.6	6627.3	6493.3	6594.3	6544.8	6381.6	6155.1	5773.0	5340.3
-17.5°	5631.9	5479.1	5452.8	5378.8	5238.3	5014.6	5099.4	5128.8	5054.1	4845.3	4590.9
-20°	4509.4	4451.3	4324.4	4277.3	4253.3	4139.2	3973.7	3956.8	4035.1	3994.9	3873.8



REPORT NUMBER: P558926 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3573.9	3540.3	3503.4	3393.1	3366.4	3374.1	3308.2	3185.4	3110.7	3206.3	3209.4
-25°	2877.8	2786.8	2809.4	2789.9	2702.1	2685.7	2713.0	2682.4	2597.5	2506.3	2606.6
-27.5°	2323.8	2291.5	2247.1	2275.5	2248.9	2187.8	2206.4	2233.4	2209.8	2149.0	2077.3
-30°	1888.3	1899.5	1875.1	1862.9	1885.7	1860.2	1807.8	1861.0	1881.3	1856.1	1792.8
-32.5°	1568.9	1591.6	1589.1	1569.5	1582.4	1589.9	1579.7	1543.2	1589.8	1602.2	1573.7
-35°	1354.6	1350.6	1364.4	1360.0	1339.0	1373.6	1378.2	1356.5	1349.2	1381.6	1379.7
-37.5°	1183.1	1171.6	1186.1	1189.4	1184.1	1190.5	1205.9	1202.7	1182.5	1200.2	1215.9
-40°	1047.6	1041.5	1043.2	1054.5	1056.2	1044.4	1065.9	1071.1	1066.4	1048.4	1073.7
-42.5°	940.9	939.9	932.1	944.2	948.1	946.0	948.3	961.6	961.8	952.1	952.8
-45°	855.9	856.6	849.7	850.8	857.6	859.1	852.1	865.0	869.6	865.3	851.5
-47.5°	785.8	785.6	778.9	770.9	780.7	782.5	778.9	779.5	786.9	784.8	777.1
-50°	725.5	724.0	718.7	709.7	712.2	714.5	711.5	702.5	711.1	713.0	706.7
-52.5°	671.7	669.2	664.0	654.9	650.6	653.1	649.4	642.2	643.5	645.6	640.8
-55°	625.9	619.9	614.3	605.8	595.6	596.7	593.6	586.3	579.9	581.9	578.9
-57.5°	581.5	573.5	566.5	557.5	546.5	543.1	539.1	531.6	520.9	522.4	520.0
-60°	534.4	525.3	517.6	508.3	497.3	490.2	486.3	479.1	468.8	466.3	465.2
-62.5°	484.9	474.5	467.5	459.2	449.2	440.0	435.4	428.4	419.4	413.2	412.4
-65°	436.0	427.2	419.9	411.1	401.0	389.8	385.3	379.1	371.2	362.9	361.6
-67.5°	385.8	377.6	369.8	361.5	352.3	342.0	336.8	331.2	324.8	317.2	315.1
-70°	334.2	327.2	320.1	312.7	304.7	296.4	291.4	287.2	281.5	273.9	269.4
-72.5°	282.5	276.6	270.7	265.1	259.2	252.7	247.4	242.8	236.7	229.2	224.1
-75°	230.7	226.4	222.0	217.8	213.1	207.9	202.9	198.3	192.9	186.5	181.5
-77.5°	180.0	177.4	174.4	171.2	167.5	163.3	158.8	154.9	150.7	145.8	141.6
-80°	134.0	132.5	130.6	128.1	125.1	121.4	117.4	114.5	111.0	107.6	104.9
-82.5°	93.5	92.6	91.2	88.9	86.3	83.6	80.9	79.5	77.8	75.9	73.8
-85°	54.8	54.1	53.2	52.4	51.5	50.6	49.7	48.9	47.9	46.6	45.0
-87.5°	21.2	21.2	21.2	21.9	22.4	22.9	23.3	22.5	21.8	20.9	20.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558926 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	19.5	18.8	18.0	17.2	16.3	15.4	14.4	13.4	12.4	11.4	10.3
85°	43.4	41.6	39.4	36.9	34.1	30.8	28.9	26.8	24.9	22.8	20.5
82.5°	71.8	69.5	66.9	63.8	61.2	57.6	53.1	47.7	41.6	34.9	30.8
80°	104.1	102.0	98.7	94.2	89.7	84.5	79.4	73.1	65.4	56.8	47.4
77.5°	139.8	136.8	132.7	127.9	122.1	115.3	107.7	99.0	89.1	78.6	67.2
75°	178.6	175.1	170.3	163.8	155.6	146.3	136.9	126.6	114.7	100.7	86.9
72.5°	220.9	216.0	209.3	200.6	191.1	180.0	167.4	154.3	141.0	125.3	107.3
70°	264.9	258.4	250.5	241.2	228.9	213.9	199.5	184.7	167.5	150.0	129.9
67.5°	310.3	303.0	293.3	283.0	270.0	253.3	232.7	216.1	197.7	174.7	152.4
65°	357.5	349.3	337.4	327.1	312.5	293.9	271.9	249.8	228.0	203.3	174.8
62.5°	407.2	398.0	386.7	373.3	356.5	336.2	311.9	288.2	259.8	231.9	200.0
60°	459.7	449.7	438.1	423.7	403.5	379.4	354.5	326.8	295.8	260.7	226.2
57.5°	513.9	503.0	493.4	476.6	453.9	425.7	398.9	368.6	332.0	293.0	252.5
55°	570.2	560.0	551.3	533.3	506.9	475.1	447.1	412.8	369.5	326.0	278.6
52.5°	630.3	623.2	612.7	592.7	563.7	529.7	501.8	458.1	412.0	358.9	307.9
50°	693.7	693.6	679.8	655.7	622.5	594.3	559.3	511.9	455.1	393.7	337.8
47.5°	771.9	770.8	754.6	723.2	685.2	664.0	624.4	568.6	499.0	433.5	367.7
45°	860.8	854.8	834.9	799.8	765.8	743.0	694.8	627.3	552.5	474.1	397.8
42.5°	959.4	948.7	921.1	880.2	866.4	830.3	768.8	694.3	607.3	514.8	431.0
40°	1074.8	1052.3	1014.2	993.5	979.2	925.0	854.4	764.6	663.2	558.2	466.2
37.5°	1202.6	1169.5	1118.7	1134.4	1104.6	1037.6	945.8	837.3	721.8	607.5	501.0
35°	1351.9	1300.2	1301.4	1299.1	1248.4	1158.1	1042.0	916.0	786.6	656.6	535.3
32.5°	1515.4	1501.9	1525.0	1487.7	1405.5	1286.0	1149.7	1002.6	852.3	705.3	568.9
30°	1747.4	1802.9	1778.4	1695.0	1579.2	1432.6	1265.4	1091.2	918.6	753.6	603.6
27.5°	2147.5	2145.6	2063.7	1934.6	1774.0	1588.1	1382.4	1181.3	985.1	804.0	642.9
25°	2599.1	2534.4	2393.7	2198.3	1980.6	1743.7	1501.2	1272.9	1057.5	858.4	681.0
22.5°	3114.9	2957.9	2751.4	2479.1	2185.0	1903.9	1627.8	1373.0	1132.3	911.7	717.8
20°	3672.7	3409.6	3125.8	2754.4	2405.5	2078.2	1761.9	1472.2	1206.1	963.7	753.1
17.5°	4270.0	3875.8	3482.3	3052.6	2637.0	2254.0	1895.6	1569.8	1278.3	1013.9	786.6
15°	4848.7	4341.9	3849.3	3352.8	2869.4	2429.4	2027.7	1664.9	1348.2	1062.0	813.0
12.5°	5419.1	4814.4	4221.4	3651.6	3100.0	2602.5	2156.8	1756.7	1415.2	1096.5	830.2
10°	5988.6	5286.8	4593.2	3945.2	3325.9	2771.0	2281.2	1828.3	1446.8	1118.5	844.4
7.5°	6549.4	5751.9	4958.8	4229.6	3520.4	2881.1	2334.4	1860.7	1467.5	1136.3	855.7
5°	7006.9	6055.4	5125.1	4314.0	3575.1	2924.8	2367.3	1885.8	1481.9	1149.8	863.9
2.5°	7068.7	6105.2	5149.9	4347.3	3611.5	2954.7	2389.1	1903.2	1490.0	1158.8	869.0
0°	7092.6	6121.3	5146.7	4357.4	3629.7	2970.5	2399.8	1912.5	1491.9	1163.2	871.1
-2.5°	7068.7	6105.2	5149.9	4347.3	3611.5	2954.7	2389.1	1903.2	1490.0	1158.8	869.0
-5°	7006.9	6055.4	5125.1	4314.0	3575.1	2924.8	2367.3	1885.8	1481.9	1149.8	863.9
-7.5°	6549.4	5751.9	4958.8	4229.6	3520.4	2881.1	2334.4	1860.7	1467.5	1136.3	855.7
-10°	5988.6	5286.8	4593.2	3945.2	3325.9	2771.0	2281.2	1828.3	1446.8	1118.5	844.4
-12.5°	5419.1	4814.4	4221.4	3651.6	3100.0	2602.5	2156.8	1756.7	1415.2	1096.5	830.2
-15°	4848.7	4341.9	3849.3	3352.8	2869.4	2429.4	2027.7	1664.9	1348.2	1062.0	813.0
-17.5°	4270.0	3875.8	3482.3	3052.6	2637.0	2254.0	1895.6	1569.8	1278.3	1013.9	786.6
-20°	3672.7	3409.6	3125.8	2754.4	2405.5	2078.2	1761.9	1472.2	1206.1	963.7	753.1



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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°	3114.9	2957.9	2751.4	2479.1	2185.0	1903.9	1627.8	1373.0	1132.3	911.7	717.8
-25°	2599.1	2534.4	2393.7	2198.3	1980.6	1743.7	1501.2	1272.9	1057.5	858.4	681.0
-27.5°	2147.5	2145.6	2063.7	1934.6	1774.0	1588.1	1382.4	1181.3	985.1	804.0	642.9
-30°	1747.4	1802.9	1778.4	1695.0	1579.2	1432.6	1265.4	1091.2	918.6	753.6	603.6
-32.5°	1515.4	1501.9	1525.0	1487.7	1405.5	1286.0	1149.7	1002.6	852.3	705.3	568.9
-35°	1351.9	1300.2	1301.4	1299.1	1248.4	1158.1	1042.0	916.0	786.6	656.6	535.3
-37.5°	1202.6	1169.5	1118.7	1134.4	1104.6	1037.6	945.8	837.3	721.8	607.5	501.0
-40°	1074.8	1052.3	1014.2	993.5	979.2	925.0	854.4	764.6	663.2	558.2	466.2
-42.5°	959.4	948.7	921.1	880.2	866.4	830.3	768.8	694.3	607.3	514.8	431.0
-45°	860.8	854.8	834.9	799.8	765.8	743.0	694.8	627.3	552.5	474.1	397.8
-47.5°	771.9	770.8	754.6	723.2	685.2	664.0	624.4	568.6	499.0	433.5	367.7
-50°	693.7	693.6	679.8	655.7	622.5	594.3	559.3	511.9	455.1	393.7	337.8
-52.5°	630.3	623.2	612.7	592.7	563.7	529.7	501.8	458.1	412.0	358.9	307.9
-55°	570.2	560.0	551.3	533.3	506.9	475.1	447.1	412.8	369.5	326.0	278.6
-57.5°	513.9	503.0	493.4	476.6	453.9	425.7	398.9	368.6	332.0	293.0	252.5
-60°	459.7	449.7	438.1	423.7	403.5	379.4	354.5	326.8	295.8	260.7	226.2
-62.5°	407.2	398.0	386.7	373.3	356.5	336.2	311.9	288.2	259.8	231.9	200.0
-65°	357.5	349.3	337.4	327.1	312.5	293.9	271.9	249.8	228.0	203.3	174.8
-67.5°	310.3	303.0	293.3	283.0	270.0	253.3	232.7	216.1	197.7	174.7	152.4
-70°	264.9	258.4	250.5	241.2	228.9	213.9	199.5	184.7	167.5	150.0	129.9
-72.5°	220.9	216.0	209.3	200.6	191.1	180.0	167.4	154.3	141.0	125.3	107.3
-75°	178.6	175.1	170.3	163.8	155.6	146.3	136.9	126.6	114.7	100.7	86.9
-77.5°	139.8	136.8	132.7	127.9	122.1	115.3	107.7	99.0	89.1	78.6	67.2
-80°	104.1	102.0	98.7	94.2	89.7	84.5	79.4	73.1	65.4	56.8	47.4
-82.5°	71.8	69.5	66.9	63.8	61.2	57.6	53.1	47.7	41.6	34.9	30.8
-85°	43.4	41.6	39.4	36.9	34.1	30.8	28.9	26.8	24.9	22.8	20.5
-87.5°	19.5	18.8	18.0	17.2	16.3	15.4	14.4	13.4	12.4	11.4	10.3
-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°	9.1	8.0	6.8	5.4	3.8	1.9	0.0
85°	18.1	16.1	13.6	10.8	7.6	3.8	0.0
82.5°	27.2	24.1	20.4	16.1	11.3	5.7	0.0
80°	37.3	32.1	27.2	21.5	15.1	7.5	0.0
77.5°	54.9	42.6	33.9	26.8	18.8	9.4	0.0
75°	72.4	57.8	41.7	32.1	22.4	11.2	0.0
72.5°	89.9	72.8	54.2	37.4	26.1	13.0	0.0
70°	107.6	87.8	66.5	43.5	29.7	14.8	0.0
67.5°	127.9	102.6	78.7	52.9	33.2	16.6	0.0
65°	148.1	118.7	90.8	62.2	36.6	18.3	0.0
62.5°	168.2	136.1	102.7	71.3	40.0	20.0	0.0
60°	188.2	153.3	114.5	80.3	43.4	21.7	0.0
57.5°	210.9	170.3	128.3	89.2	49.2	23.3	0.0
55°	233.7	187.1	142.1	97.9	55.0	24.9	0.0
52.5°	256.2	204.1	155.6	106.3	60.6	26.4	0.0
50°	278.3	222.7	168.9	114.6	66.0	27.9	0.0
47.5°	300.7	240.9	181.9	123.1	71.3	29.3	0.0
45°	326.6	258.8	194.5	132.6	76.4	30.7	0.0
42.5°	352.4	276.1	206.9	141.8	81.3	32.0	0.0
40°	377.8	293.0	219.6	150.5	86.0	33.2	0.0
37.5°	403.0	309.4	232.6	158.5	90.5	34.4	0.0
35°	427.8	328.0	245.0	166.0	94.7	35.5	0.0
32.5°	453.2	347.4	256.9	173.0	98.8	36.6	0.0
30°	480.3	366.3	268.3	179.5	102.6	37.6	0.0
27.5°	506.5	384.4	277.8	185.5	106.1	38.5	0.0
25°	531.7	401.8	286.5	190.9	109.4	39.3	0.0
22.5°	555.8	417.3	294.6	195.8	112.4	40.1	0.0
20°	578.7	429.2	302.0	200.1	115.2	40.8	0.0
17.5°	596.0	439.6	308.7	203.9	117.7	41.4	0.0
15°	608.8	448.5	314.7	207.2	119.9	41.9	0.0
12.5°	619.8	456.0	319.9	209.9	121.8	42.4	0.0
10°	628.9	462.1	324.4	212.0	123.4	42.7	0.0
7.5°	636.1	466.7	328.0	213.6	124.7	43.0	0.0
5°	641.3	470.0	330.8	214.7	125.7	43.2	0.0
2.5°	644.6	471.8	332.8	215.3	126.4	43.4	0.0
0°	645.8	472.3	333.8	215.3	126.8	43.4	0.0
-2.5°	644.6	471.8	332.8	215.3	126.4	43.4	0.0
-5°	641.3	470.0	330.8	214.7	125.7	43.2	0.0
-7.5°	636.1	466.7	328.0	213.6	124.7	43.0	0.0
-10°	628.9	462.1	324.4	212.0	123.4	42.7	0.0
-12.5°	619.8	456.0	319.9	209.9	121.8	42.4	0.0
-15°	608.8	448.5	314.7	207.2	119.9	41.9	0.0
-17.5°	596.0	439.6	308.7	203.9	117.7	41.4	0.0
-20°	578.7	429.2	302.0	200.1	115.2	40.8	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	555.8	417.3	294.6	195.8	112.4	40.1	0.0
-25°	531.7	401.8	286.5	190.9	109.4	39.3	0.0
-27.5°	506.5	384.4	277.8	185.5	106.1	38.5	0.0
-30°	480.3	366.3	268.3	179.5	102.6	37.6	0.0
-32.5°	453.2	347.4	256.9	173.0	98.8	36.6	0.0
-35°	427.8	328.0	245.0	166.0	94.7	35.5	0.0
-37.5°	403.0	309.4	232.6	158.5	90.5	34.4	0.0
-40°	377.8	293.0	219.6	150.5	86.0	33.2	0.0
-42.5°	352.4	276.1	206.9	141.8	81.3	32.0	0.0
-45°	326.6	258.8	194.5	132.6	76.4	30.7	0.0
-47.5°	300.7	240.9	181.9	123.1	71.3	29.3	0.0
-50°	278.3	222.7	168.9	114.6	66.0	27.9	0.0
-52.5°	256.2	204.1	155.6	106.3	60.6	26.4	0.0
-55°	233.7	187.1	142.1	97.9	55.0	24.9	0.0
-57.5°	210.9	170.3	128.3	89.2	49.2	23.3	0.0
-60°	188.2	153.3	114.5	80.3	43.4	21.7	0.0
-62.5°	168.2	136.1	102.7	71.3	40.0	20.0	0.0
-65°	148.1	118.7	90.8	62.2	36.6	18.3	0.0
-67.5°	127.9	102.6	78.7	52.9	33.2	16.6	0.0
-70°	107.6	87.8	66.5	43.5	29.7	14.8	0.0
-72.5°	89.9	72.8	54.2	37.4	26.1	13.0	0.0
-75°	72.4	57.8	41.7	32.1	22.4	11.2	0.0
-77.5°	54.9	42.6	33.9	26.8	18.8	9.4	0.0
-80°	37.3	32.1	27.2	21.5	15.1	7.5	0.0
-82.5°	27.2	24.1	20.4	16.1	11.3	5.7	0.0
-85°	18.1	16.1	13.6	10.8	7.6	3.8	0.0
-87.5°	9.1	8.0	6.8	5.4	3.8	1.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)