

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: P559022 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-935-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559022 (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-SA5B-935-U-NAT-XX
Description: GALLEON FLOOD, FIVE LIGHT SQUARE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (80) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

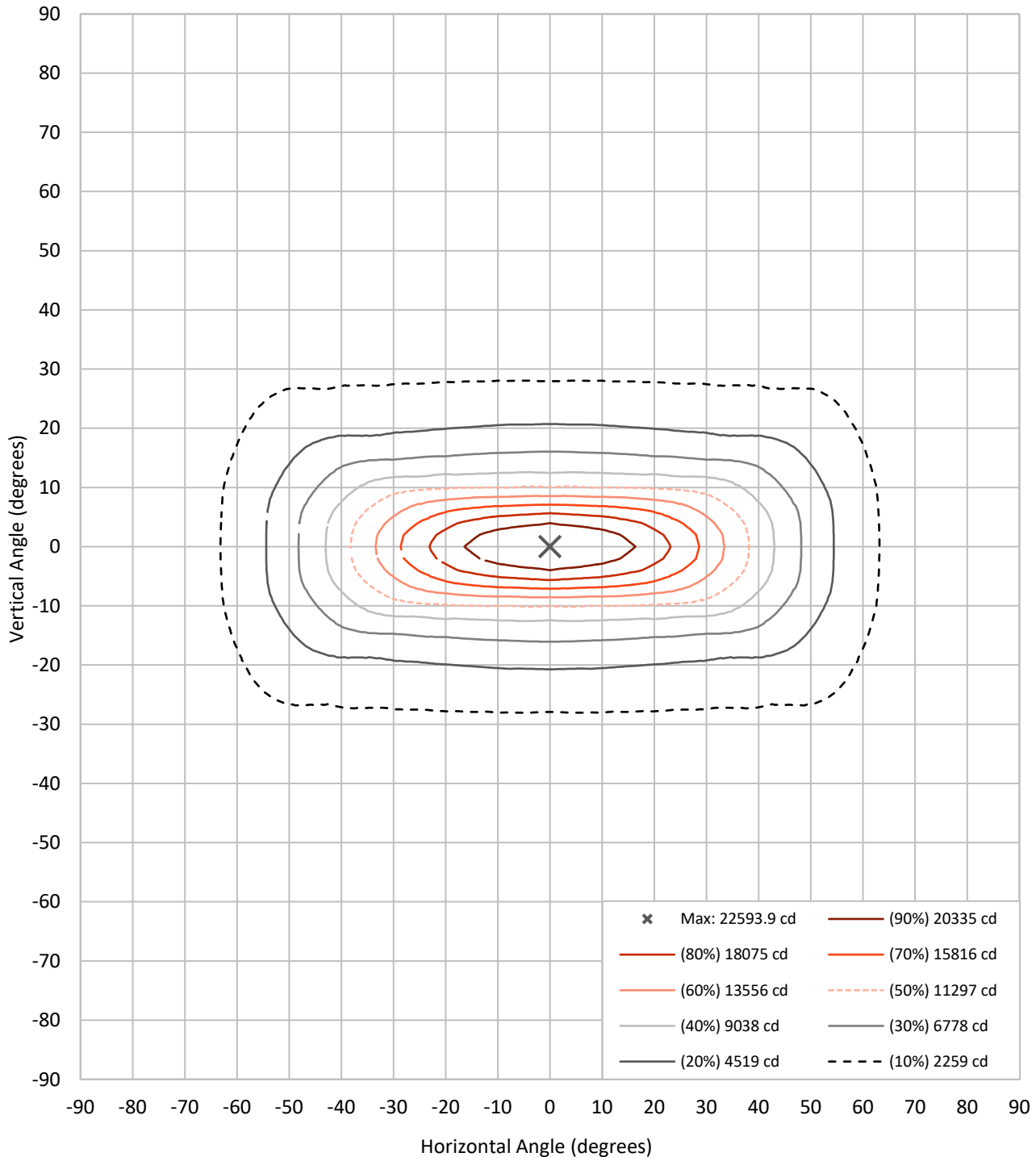
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	16181.3 lumens	Max Intensity:	22593.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	87.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	6474.1 lumens	Field Lumens:	13262.3 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 185
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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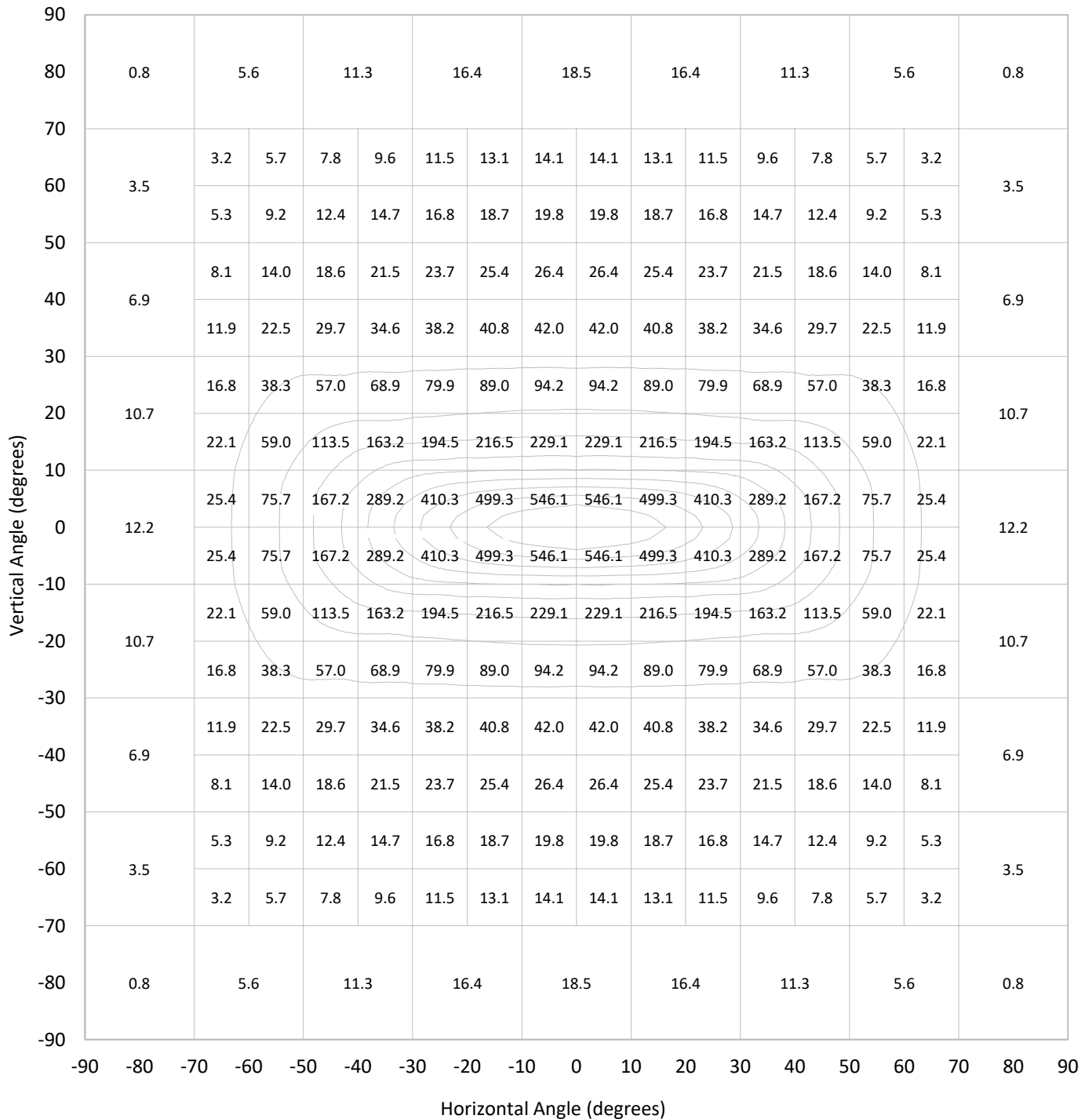
Iso-Candela Plot





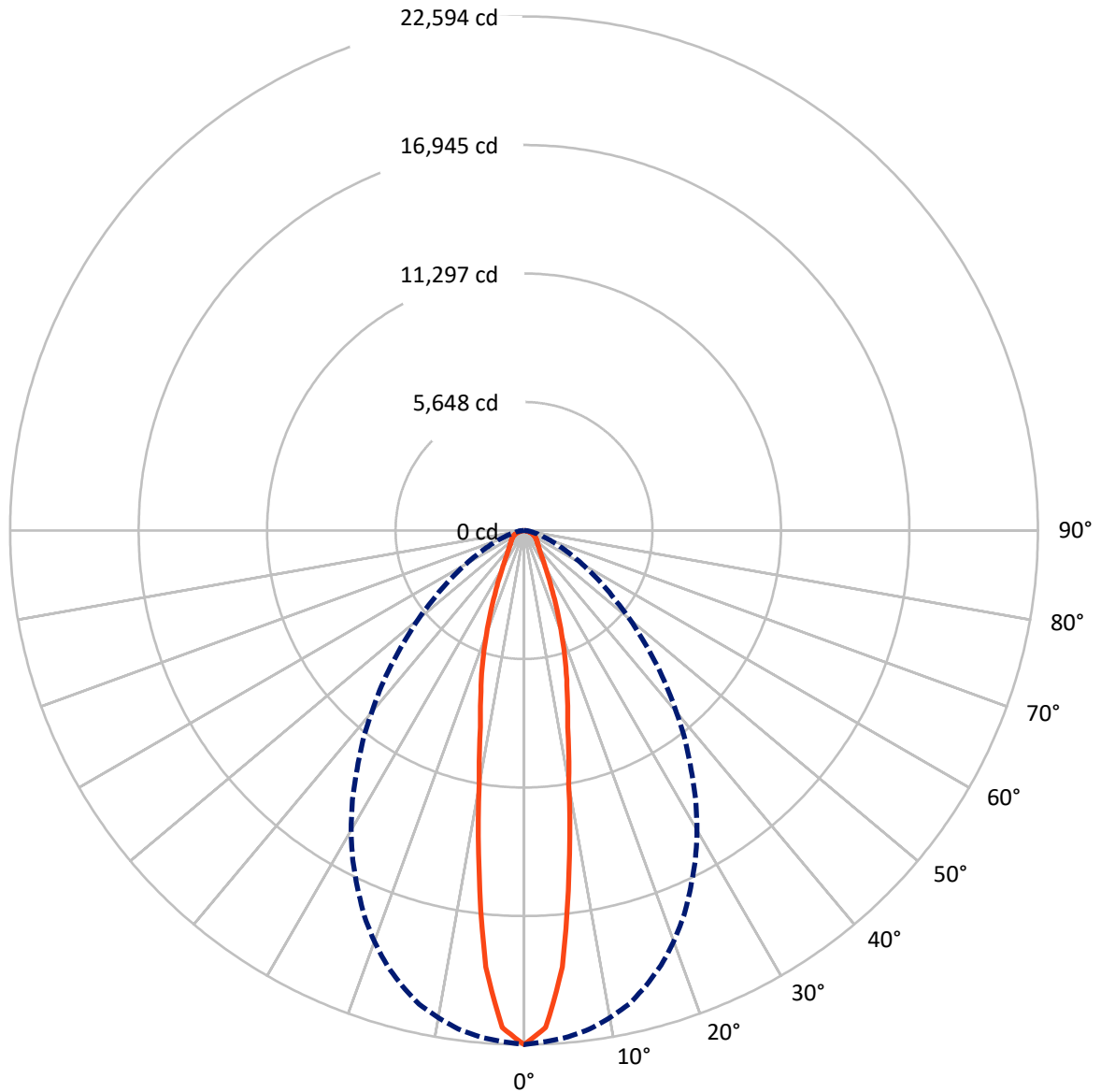
REPORT NUMBER: P559022 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table



REPORT NUMBER: P559022 (CONVERTED FROM TYPE C PHOTOMETRY)
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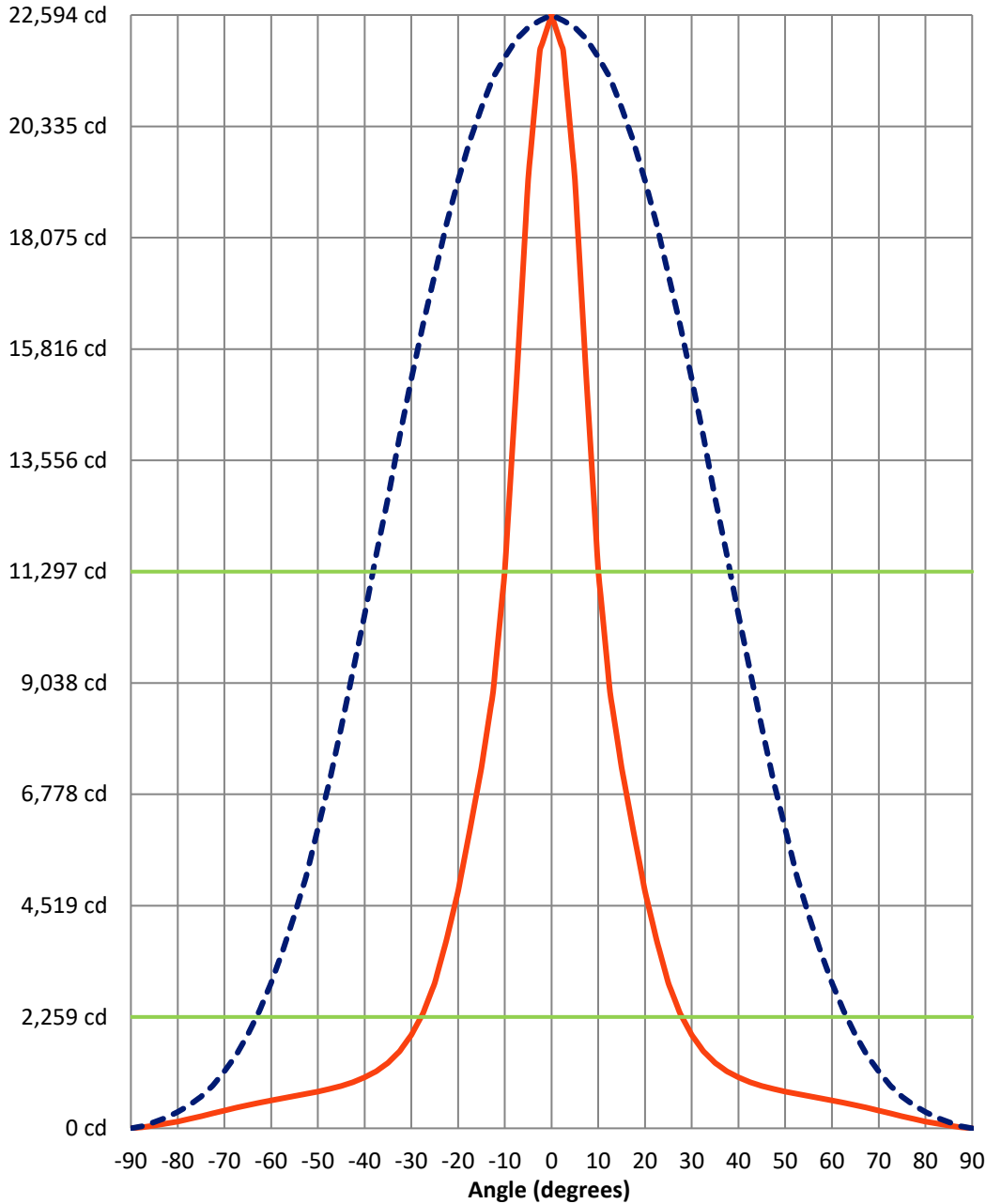
Luminous Intensity Polar Plot



— 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: 6474.1
 Efficiency: 40.0%

Field:
 H Angle: 126.3°
 V Angle: 55.8°
 Lumens: 13262.3
 Efficiency: 82.0%

Spill:
 Lumens: 2919.1
 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	9.0	10.2	11.3	12.4	13.3
85°	0.0	3.8	7.5	10.7	13.5	16.0	18.0	20.4	22.7	24.7	26.6
82.5°	0.0	5.6	11.2	16.0	20.3	23.9	27.0	30.6	34.7	41.4	47.4
80°	0.0	7.5	15.0	21.4	27.0	31.9	37.1	47.1	56.4	64.9	72.6
77.5°	0.0	9.3	18.6	26.7	33.7	42.4	54.5	66.7	78.1	88.5	98.3
75°	0.0	11.2	22.3	31.9	41.5	57.4	71.9	86.3	100.0	113.9	125.7
72.5°	0.0	13.0	25.9	37.2	53.8	72.3	89.3	106.6	124.5	140.1	153.3
70°	0.0	14.7	29.4	43.2	66.1	87.2	106.9	129.0	149.0	166.4	183.5
67.5°	0.0	16.5	33.0	52.5	78.2	101.9	127.1	151.4	173.6	196.3	214.7
65°	0.0	18.2	36.4	61.8	90.2	117.9	147.1	173.7	201.9	226.5	248.1
62.5°	0.0	19.9	39.8	70.9	102.0	135.2	167.1	198.7	230.4	258.1	286.3
60°	0.0	21.5	43.1	79.8	113.7	152.3	187.0	224.8	259.0	293.9	324.6
57.5°	0.0	23.2	48.9	88.6	127.5	169.2	209.5	250.8	291.0	329.8	366.2
55°	0.0	24.7	54.6	97.2	141.2	185.9	232.2	276.8	323.8	367.0	410.0
52.5°	0.0	26.2	60.2	105.6	154.6	202.8	254.5	305.9	356.5	409.2	455.1
50°	0.0	27.7	65.6	113.8	167.8	221.3	276.5	335.5	391.1	452.1	508.6
47.5°	0.0	29.1	70.8	122.3	180.7	239.4	298.7	365.3	430.6	495.7	564.9
45°	0.0	30.5	75.9	131.7	193.3	257.1	324.5	395.1	471.0	548.8	623.2
42.5°	0.0	31.8	80.8	140.9	205.6	274.3	350.0	428.1	511.4	603.3	689.7
40°	0.0	33.0	85.4	149.5	218.2	291.1	375.3	463.1	554.6	658.8	759.6
37.5°	0.0	34.2	89.9	157.5	231.1	307.3	400.3	497.7	603.5	717.0	831.8
35°	0.0	35.3	94.1	165.0	243.4	325.8	424.9	531.7	652.3	781.4	910.0
32.5°	0.0	36.3	98.1	171.9	255.3	345.1	450.1	565.2	700.7	846.7	996.0
30°	0.0	37.3	101.9	178.4	266.5	363.8	477.1	599.6	748.6	912.5	1084.0
27.5°	0.0	38.2	105.4	184.3	276.0	381.8	503.1	638.6	798.7	978.6	1173.6
25°	0.0	39.1	108.7	189.7	284.6	399.1	528.2	676.5	852.7	1050.5	1264.5
22.5°	0.0	39.8	111.7	194.5	292.6	414.5	552.1	713.1	905.7	1124.9	1364.0
20°	0.0	40.5	114.5	198.8	300.0	426.3	574.9	748.1	957.4	1198.2	1462.5
17.5°	0.0	41.1	116.9	202.6	306.7	436.6	592.0	781.4	1007.3	1269.9	1559.5
15°	0.0	41.6	119.1	205.8	312.6	445.5	604.8	807.7	1055.1	1339.3	1654.0
12.5°	0.0	42.1	121.0	208.5	317.8	453.0	615.7	824.7	1089.3	1405.8	1745.1
10°	0.0	42.4	122.6	210.6	322.2	459.0	624.8	838.9	1111.2	1437.2	1816.3
7.5°	0.0	42.7	123.9	212.2	325.9	463.6	631.9	850.1	1128.9	1457.9	1848.5
5°	0.0	42.9	124.9	213.3	328.6	466.9	637.1	858.2	1142.3	1472.2	1873.5
2.5°	0.0	43.1	125.6	213.9	330.6	468.7	640.4	863.3	1151.2	1480.2	1890.8
0°	0.0	43.1	126.0	213.9	331.6	469.2	641.6	865.4	1155.6	1482.2	1900.0
-2.5°	0.0	43.1	125.6	213.9	330.6	468.7	640.4	863.3	1151.2	1480.2	1890.8
-5°	0.0	42.9	124.9	213.3	328.6	466.9	637.1	858.2	1142.3	1472.2	1873.5
-7.5°	0.0	42.7	123.9	212.2	325.9	463.6	631.9	850.1	1128.9	1457.9	1848.5
-10°	0.0	42.4	122.6	210.6	322.2	459.0	624.8	838.9	1111.2	1437.2	1816.3
-12.5°	0.0	42.1	121.0	208.5	317.8	453.0	615.7	824.7	1089.3	1405.8	1745.1
-15°	0.0	41.6	119.1	205.8	312.6	445.5	604.8	807.7	1055.1	1339.3	1654.0
-17.5°	0.0	41.1	116.9	202.6	306.7	436.6	592.0	781.4	1007.3	1269.9	1559.5
-20°	0.0	40.5	114.5	198.8	300.0	426.3	574.9	748.1	957.4	1198.2	1462.5



REPORT NUMBER: P559022 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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	39.8	111.7	194.5	292.6	414.5	552.1	713.1	905.7	1124.9	1364.0
-25°	0.0	39.1	108.7	189.7	284.6	399.1	528.2	676.5	852.7	1050.5	1264.5
-27.5°	0.0	38.2	105.4	184.3	276.0	381.8	503.1	638.6	798.7	978.6	1173.6
-30°	0.0	37.3	101.9	178.4	266.5	363.8	477.1	599.6	748.6	912.5	1084.0
-32.5°	0.0	36.3	98.1	171.9	255.3	345.1	450.1	565.2	700.7	846.7	996.0
-35°	0.0	35.3	94.1	165.0	243.4	325.8	424.9	531.7	652.3	781.4	910.0
-37.5°	0.0	34.2	89.9	157.5	231.1	307.3	400.3	497.7	603.5	717.0	831.8
-40°	0.0	33.0	85.4	149.5	218.2	291.1	375.3	463.1	554.6	658.8	759.6
-42.5°	0.0	31.8	80.8	140.9	205.6	274.3	350.0	428.1	511.4	603.3	689.7
-45°	0.0	30.5	75.9	131.7	193.3	257.1	324.5	395.1	471.0	548.8	623.2
-47.5°	0.0	29.1	70.8	122.3	180.7	239.4	298.7	365.3	430.6	495.7	564.9
-50°	0.0	27.7	65.6	113.8	167.8	221.3	276.5	335.5	391.1	452.1	508.6
-52.5°	0.0	26.2	60.2	105.6	154.6	202.8	254.5	305.9	356.5	409.2	455.1
-55°	0.0	24.7	54.6	97.2	141.2	185.9	232.2	276.8	323.8	367.0	410.0
-57.5°	0.0	23.2	48.9	88.6	127.5	169.2	209.5	250.8	291.0	329.8	366.2
-60°	0.0	21.5	43.1	79.8	113.7	152.3	187.0	224.8	259.0	293.9	324.6
-62.5°	0.0	19.9	39.8	70.9	102.0	135.2	167.1	198.7	230.4	258.1	286.3
-65°	0.0	18.2	36.4	61.8	90.2	117.9	147.1	173.7	201.9	226.5	248.1
-67.5°	0.0	16.5	33.0	52.5	78.2	101.9	127.1	151.4	173.6	196.3	214.7
-70°	0.0	14.7	29.4	43.2	66.1	87.2	106.9	129.0	149.0	166.4	183.5
-72.5°	0.0	13.0	25.9	37.2	53.8	72.3	89.3	106.6	124.5	140.1	153.3
-75°	0.0	11.2	22.3	31.9	41.5	57.4	71.9	86.3	100.0	113.9	125.7
-77.5°	0.0	9.3	18.6	26.7	33.7	42.4	54.5	66.7	78.1	88.5	98.3
-80°	0.0	7.5	15.0	21.4	27.0	31.9	37.1	47.1	56.4	64.9	72.6
-82.5°	0.0	5.6	11.2	16.0	20.3	23.9	27.0	30.6	34.7	41.4	47.4
-85°	0.0	3.8	7.5	10.7	13.5	16.0	18.0	20.4	22.7	24.7	26.6
-87.5°	0.0	1.9	3.8	5.4	6.8	8.0	9.0	10.2	11.3	12.4	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: P559022 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	14.3	15.3	16.2	17.1	17.9	18.6	19.3	19.9	20.8	21.6	22.4
85°	28.7	30.6	33.9	36.6	39.1	41.3	43.2	44.7	46.3	47.6	48.6
82.5°	52.8	57.2	60.8	63.4	66.5	69.1	71.4	73.3	75.4	77.3	79.0
80°	78.9	83.9	89.1	93.6	98.0	101.4	103.4	104.3	106.9	110.3	113.7
77.5°	106.9	114.6	121.3	127.1	131.8	135.9	138.9	140.7	144.9	149.7	153.9
75°	136.0	145.3	154.6	162.8	169.2	173.9	177.4	180.3	185.3	191.6	197.1
72.5°	166.3	178.8	189.8	199.3	208.0	214.6	219.5	222.7	227.8	235.2	241.2
70°	198.2	212.5	227.4	239.7	248.9	256.7	263.2	267.6	272.1	279.7	285.3
67.5°	231.2	251.7	268.2	281.2	291.4	301.0	308.3	313.0	315.0	322.6	329.0
65°	270.1	292.0	310.4	325.0	335.3	347.0	355.2	359.2	360.5	368.8	376.6
62.5°	309.8	334.0	354.2	370.8	384.2	395.4	404.5	409.6	410.5	416.6	425.6
60°	352.1	376.9	400.9	421.0	435.2	446.8	456.7	462.1	463.2	465.7	476.0
57.5°	396.2	422.9	451.0	473.5	490.2	499.7	510.5	516.5	519.0	517.5	528.1
55°	444.2	472.0	503.6	529.9	547.7	556.3	566.4	575.1	578.1	576.2	582.4
52.5°	498.6	526.2	560.0	588.8	608.7	619.1	626.2	636.7	641.4	639.2	638.0
50°	555.7	590.5	618.4	651.3	675.3	689.0	689.2	702.1	708.3	706.4	697.9
47.5°	620.3	659.6	680.7	718.5	749.6	765.8	766.8	772.0	779.7	781.7	774.4
45°	690.2	738.1	760.8	794.5	829.4	849.2	855.1	845.9	859.7	863.9	859.3
42.5°	763.8	824.9	860.7	874.4	915.1	942.5	953.1	946.6	945.9	955.5	955.3
40°	848.7	918.9	972.8	987.0	1007.5	1045.4	1067.8	1066.6	1041.5	1059.4	1064.0
37.5°	939.6	1030.8	1097.3	1126.9	1111.4	1161.8	1194.7	1207.9	1192.3	1174.7	1194.8
35°	1035.2	1150.5	1240.1	1290.6	1292.9	1291.7	1343.1	1370.6	1372.5	1340.3	1347.6
32.5°	1142.2	1277.6	1396.3	1477.9	1515.0	1492.1	1505.4	1563.3	1591.7	1579.4	1533.0
30°	1257.1	1423.2	1568.8	1683.9	1766.7	1791.1	1735.9	1781.1	1843.9	1869.0	1848.8
27.5°	1373.3	1577.7	1762.4	1921.9	2050.2	2131.5	2133.4	2063.7	2134.9	2195.4	2218.7
25°	1491.4	1732.3	1967.6	2183.9	2378.0	2517.8	2582.1	2589.5	2489.9	2580.5	2664.9
22.5°	1617.2	1891.4	2170.7	2462.9	2733.4	2938.5	3094.5	3188.4	3185.4	3090.3	3164.5
20°	1750.3	2064.6	2389.7	2736.4	3105.3	3387.3	3648.6	3848.4	3968.7	4008.7	3930.8
17.5°	1883.2	2239.2	2619.7	3032.6	3459.4	3850.4	4242.0	4560.9	4813.5	5020.9	5095.1
15°	2014.4	2413.5	2850.6	3330.8	3824.0	4313.4	4816.9	5305.3	5735.1	6114.7	6339.7
12.5°	2142.6	2585.4	3079.7	3627.7	4193.8	4782.9	5383.6	5978.5	6597.9	7212.6	7679.8
10°	2266.3	2752.8	3304.1	3919.3	4563.1	5252.1	5949.3	6655.3	7407.7	8132.7	8830.7
7.5°	2319.1	2862.2	3497.3	4201.9	4926.3	5714.1	6506.4	7326.1	8205.2	9051.2	9903.4
5°	2351.8	2905.6	3551.6	4285.7	5091.5	6015.6	6961.0	7976.3	8979.5	9953.5	10957.8
2.5°	2373.4	2935.4	3587.8	4318.7	5116.1	6065.2	7022.4	8076.7	9202.2	10328.3	11524.0
0°	2384.1	2951.1	3605.9	4328.8	5113.0	6081.2	7046.1	8133.7	9274.3	10419.9	11643.4
-2.5°	2373.4	2935.4	3587.8	4318.7	5116.1	6065.2	7022.4	8076.7	9202.2	10328.3	11524.0
-5°	2351.8	2905.6	3551.6	4285.7	5091.5	6015.6	6961.0	7976.3	8979.5	9953.5	10957.8
-7.5°	2319.1	2862.2	3497.3	4201.9	4926.3	5714.1	6506.4	7326.1	8205.2	9051.2	9903.4
-10°	2266.3	2752.8	3304.1	3919.3	4563.1	5252.1	5949.3	6655.3	7407.7	8132.7	8830.7
-12.5°	2142.6	2585.4	3079.7	3627.7	4193.8	4782.9	5383.6	5978.5	6597.9	7212.6	7679.8
-15°	2014.4	2413.5	2850.6	3330.8	3824.0	4313.4	4816.9	5305.3	5735.1	6114.7	6339.7
-17.5°	1883.2	2239.2	2619.7	3032.6	3459.4	3850.4	4242.0	4560.9	4813.5	5020.9	5095.1
-20°	1750.3	2064.6	2389.7	2736.4	3105.3	3387.3	3648.6	3848.4	3968.7	4008.7	3930.8



REPORT NUMBER: P559022 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	1617.2	1891.4	2170.7	2462.9	2733.4	2938.5	3094.5	3188.4	3185.4	3090.3	3164.5
-25°	1491.4	1732.3	1967.6	2183.9	2378.0	2517.8	2582.1	2589.5	2489.9	2580.5	2664.9
-27.5°	1373.3	1577.7	1762.4	1921.9	2050.2	2131.5	2133.4	2063.7	2134.9	2195.4	2218.7
-30°	1257.1	1423.2	1568.8	1683.9	1766.7	1791.1	1735.9	1781.1	1843.9	1869.0	1848.8
-32.5°	1142.2	1277.6	1396.3	1477.9	1515.0	1492.1	1505.4	1563.3	1591.7	1579.4	1533.0
-35°	1035.2	1150.5	1240.1	1290.6	1292.9	1291.7	1343.1	1370.6	1372.5	1340.3	1347.6
-37.5°	939.6	1030.8	1097.3	1126.9	1111.4	1161.8	1194.7	1207.9	1192.3	1174.7	1194.8
-40°	848.7	918.9	972.8	987.0	1007.5	1045.4	1067.8	1066.6	1041.5	1059.4	1064.0
-42.5°	763.8	824.9	860.7	874.4	915.1	942.5	953.1	946.6	945.9	955.5	955.3
-45°	690.2	738.1	760.8	794.5	829.4	849.2	855.1	845.9	859.7	863.9	859.3
-47.5°	620.3	659.6	680.7	718.5	749.6	765.8	766.8	772.0	779.7	781.7	774.4
-50°	555.7	590.5	618.4	651.3	675.3	689.0	689.2	702.1	708.3	706.4	697.9
-52.5°	498.6	526.2	560.0	588.8	608.7	619.1	626.2	636.7	641.4	639.2	638.0
-55°	444.2	472.0	503.6	529.9	547.7	556.3	566.4	575.1	578.1	576.2	582.4
-57.5°	396.2	422.9	451.0	473.5	490.2	499.7	510.5	516.5	519.0	517.5	528.1
-60°	352.1	376.9	400.9	421.0	435.2	446.8	456.7	462.1	463.2	465.7	476.0
-62.5°	309.8	334.0	354.2	370.8	384.2	395.4	404.5	409.6	410.5	416.6	425.6
-65°	270.1	292.0	310.4	325.0	335.3	347.0	355.2	359.2	360.5	368.8	376.6
-67.5°	231.2	251.7	268.2	281.2	291.4	301.0	308.3	313.0	315.0	322.6	329.0
-70°	198.2	212.5	227.4	239.7	248.9	256.7	263.2	267.6	272.1	279.7	285.3
-72.5°	166.3	178.8	189.8	199.3	208.0	214.6	219.5	222.7	227.8	235.2	241.2
-75°	136.0	145.3	154.6	162.8	169.2	173.9	177.4	180.3	185.3	191.6	197.1
-77.5°	106.9	114.6	121.3	127.1	131.8	135.9	138.9	140.7	144.9	149.7	153.9
-80°	78.9	83.9	89.1	93.6	98.0	101.4	103.4	104.3	106.9	110.3	113.7
-82.5°	52.8	57.2	60.8	63.4	66.5	69.1	71.4	73.3	75.4	77.3	79.0
-85°	28.7	30.6	33.9	36.6	39.1	41.3	43.2	44.7	46.3	47.6	48.6
-87.5°	14.3	15.3	16.2	17.1	17.9	18.6	19.3	19.9	20.8	21.6	22.4
-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: P559022 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-935-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	23.1	22.7	22.3	21.7	21.0	21.1	21.1	21.0	20.9	20.7	20.4
85°	49.3	50.3	51.2	52.0	52.9	53.7	54.5	55.1	55.5	55.5	55.3
82.5°	80.4	83.0	85.7	88.3	90.6	91.9	92.8	93.4	93.8	94.5	95.2
80°	116.7	120.6	124.2	127.3	129.7	131.6	133.0	134.2	135.1	136.0	136.7
77.5°	157.8	162.2	166.4	170.1	173.3	176.3	178.8	180.8	182.3	184.6	186.7
75°	201.6	206.6	211.8	216.4	220.5	224.9	229.2	233.2	236.7	239.7	241.9
72.5°	245.8	251.0	257.4	263.4	268.9	274.8	280.6	285.7	290.1	294.2	297.9
70°	289.5	294.4	302.6	310.6	318.0	325.1	332.1	338.3	343.8	349.2	354.0
67.5°	334.6	339.8	350.0	359.2	367.5	375.2	383.3	390.6	396.9	402.5	407.4
65°	382.7	387.3	398.3	408.4	417.1	424.4	433.2	441.1	448.1	454.3	459.6
62.5°	432.5	437.1	446.2	456.2	464.5	471.5	481.7	490.6	498.2	504.5	509.7
60°	483.1	487.0	494.0	505.0	514.2	521.9	530.9	539.6	546.9	553.1	558.7
57.5°	535.5	539.5	542.9	553.9	562.8	569.7	577.7	586.2	593.3	599.1	604.8
55°	589.7	592.8	591.7	601.9	610.3	615.9	621.8	630.8	637.8	643.0	648.2
52.5°	645.1	648.8	646.3	650.6	659.7	664.8	667.3	677.0	684.3	688.9	693.7
50°	706.8	709.8	707.5	705.1	714.0	719.3	720.7	728.5	735.1	738.7	742.1
47.5°	773.8	777.3	775.6	765.9	773.8	780.5	780.6	783.9	790.8	793.5	795.6
45°	846.5	853.5	852.0	845.3	844.2	851.0	850.3	847.6	855.5	859.0	860.1
42.5°	942.1	939.8	942.0	938.1	926.0	933.7	934.7	924.9	934.8	939.0	936.5
40°	1058.9	1037.6	1049.4	1047.6	1036.3	1034.6	1040.7	1032.7	1034.2	1040.3	1035.6
37.5°	1198.0	1182.7	1176.3	1181.6	1178.3	1163.9	1175.4	1172.6	1163.5	1173.7	1169.2
35°	1369.1	1364.6	1330.2	1351.1	1355.4	1341.7	1345.7	1351.7	1332.0	1347.5	1345.8
32.5°	1569.3	1579.4	1572.0	1559.2	1578.7	1581.1	1558.5	1585.7	1574.8	1578.6	1589.4
30°	1796.0	1848.0	1873.3	1850.7	1862.8	1887.0	1875.9	1894.8	1903.8	1889.7	1916.4
27.5°	2192.0	2173.5	2234.2	2260.6	2232.3	2276.4	2308.5	2294.4	2341.2	2313.4	2353.1
25°	2695.2	2668.1	2684.4	2771.6	2790.9	2768.5	2858.9	2869.5	2906.7	2911.3	2939.0
22.5°	3286.5	3351.9	3344.3	3370.9	3480.4	3517.1	3550.4	3637.4	3617.6	3696.4	3710.0
20°	3947.6	4112.1	4225.4	4249.2	4296.1	4422.0	4479.9	4548.4	4594.4	4669.0	4732.1
17.5°	5066.0	4981.7	5203.9	5343.5	5417.0	5443.2	5595.0	5644.4	5758.5	5823.6	5888.2
15°	6501.9	6551.0	6450.7	6583.8	6808.6	6884.6	6797.3	7001.1	7058.4	7168.1	7187.5
12.5°	8036.7	8285.1	8407.0	8440.1	8322.6	8642.4	8770.5	8609.7	8792.1	8759.2	8909.3
10°	9501.1	10104.8	10466.2	10720.4	10874.9	10968.0	11060.4	11226.7	11229.6	11352.7	11280.9
7.5°	10703.5	11468.9	12200.1	12909.3	13476.7	13794.8	14044.5	14284.0	14603.7	14756.7	14856.2
5°	11879.8	12762.8	13637.7	14497.5	15276.1	16025.2	16759.3	17396.1	17733.6	18128.0	18479.6
2.5°	12640.6	13757.5	14874.8	15981.5	16881.1	17706.7	18470.8	19180.4	19803.0	20379.0	20865.3
0°	12789.1	14039.1	15204.6	16308.8	17321.8	18341.4	19231.7	20034.1	20712.2	21323.9	21736.7
-2.5°	12640.6	13757.5	14874.8	15981.5	16881.1	17706.7	18470.8	19180.4	19803.0	20379.0	20865.3
-5°	11879.8	12762.8	13637.7	14497.5	15276.1	16025.2	16759.3	17396.1	17733.6	18128.0	18479.6
-7.5°	10703.5	11468.9	12200.1	12909.3	13476.7	13794.8	14044.5	14284.0	14603.7	14756.7	14856.2
-10°	9501.1	10104.8	10466.2	10720.4	10874.9	10968.0	11060.4	11226.7	11229.6	11352.7	11280.9
-12.5°	8036.7	8285.1	8407.0	8440.1	8322.6	8642.4	8770.5	8609.7	8792.1	8759.2	8909.3
-15°	6501.9	6551.0	6450.7	6583.8	6808.6	6884.6	6797.3	7001.1	7058.4	7168.1	7187.5
-17.5°	5066.0	4981.7	5203.9	5343.5	5417.0	5443.2	5595.0	5644.4	5758.5	5823.6	5888.2
-20°	3947.6	4112.1	4225.4	4249.2	4296.1	4422.0	4479.9	4548.4	4594.4	4669.0	4732.1



REPORT NUMBER: P559022 (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°	3286.5	3351.9	3344.3	3370.9	3480.4	3517.1	3550.4	3637.4	3617.6	3696.4	3710.0
-25°	2695.2	2668.1	2684.4	2771.6	2790.9	2768.5	2858.9	2869.5	2906.7	2911.3	2939.0
-27.5°	2192.0	2173.5	2234.2	2260.6	2232.3	2276.4	2308.5	2294.4	2341.2	2313.4	2353.1
-30°	1796.0	1848.0	1873.3	1850.7	1862.8	1887.0	1875.9	1894.8	1903.8	1889.7	1916.4
-32.5°	1569.3	1579.4	1572.0	1559.2	1578.7	1581.1	1558.5	1585.7	1574.8	1578.6	1589.4
-35°	1369.1	1364.6	1330.2	1351.1	1355.4	1341.7	1345.7	1351.7	1332.0	1347.5	1345.8
-37.5°	1198.0	1182.7	1176.3	1181.6	1178.3	1163.9	1175.4	1172.6	1163.5	1173.7	1169.2
-40°	1058.9	1037.6	1049.4	1047.6	1036.3	1034.6	1040.7	1032.7	1034.2	1040.3	1035.6
-42.5°	942.1	939.8	942.0	938.1	926.0	933.7	934.7	924.9	934.8	939.0	936.5
-45°	846.5	853.5	852.0	845.3	844.2	851.0	850.3	847.6	855.5	859.0	860.1
-47.5°	773.8	777.3	775.6	765.9	773.8	780.5	780.6	783.9	790.8	793.5	795.6
-50°	706.8	709.8	707.5	705.1	714.0	719.3	720.7	728.5	735.1	738.7	742.1
-52.5°	645.1	648.8	646.3	650.6	659.7	664.8	667.3	677.0	684.3	688.9	693.7
-55°	589.7	592.8	591.7	601.9	610.3	615.9	621.8	630.8	637.8	643.0	648.2
-57.5°	535.5	539.5	542.9	553.9	562.8	569.7	577.7	586.2	593.3	599.1	604.8
-60°	483.1	487.0	494.0	505.0	514.2	521.9	530.9	539.6	546.9	553.1	558.7
-62.5°	432.5	437.1	446.2	456.2	464.5	471.5	481.7	490.6	498.2	504.5	509.7
-65°	382.7	387.3	398.3	408.4	417.1	424.4	433.2	441.1	448.1	454.3	459.6
-67.5°	334.6	339.8	350.0	359.2	367.5	375.2	383.3	390.6	396.9	402.5	407.4
-70°	289.5	294.4	302.6	310.6	318.0	325.1	332.1	338.3	343.8	349.2	354.0
-72.5°	245.8	251.0	257.4	263.4	268.9	274.8	280.6	285.7	290.1	294.2	297.9
-75°	201.6	206.6	211.8	216.4	220.5	224.9	229.2	233.2	236.7	239.7	241.9
-77.5°	157.8	162.2	166.4	170.1	173.3	176.3	178.8	180.8	182.3	184.6	186.7
-80°	116.7	120.6	124.2	127.3	129.7	131.6	133.0	134.2	135.1	136.0	136.7
-82.5°	80.4	83.0	85.7	88.3	90.6	91.9	92.8	93.4	93.8	94.5	95.2
-85°	49.3	50.3	51.2	52.0	52.9	53.7	54.5	55.1	55.5	55.5	55.3
-87.5°	23.1	22.7	22.3	21.7	21.0	21.1	21.1	21.0	20.9	20.7	20.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-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°	20.2	19.8	20.7	21.6	20.7	19.8	20.2	20.4	20.7	20.9	21.0
85°	54.9	54.4	55.5	56.4	55.5	54.4	54.9	55.3	55.5	55.5	55.1
82.5°	95.6	95.7	96.1	96.2	96.1	95.7	95.6	95.2	94.5	93.8	93.4
80°	137.0	137.0	136.6	135.9	136.6	137.0	137.0	136.7	136.0	135.1	134.2
77.5°	188.4	189.7	190.4	190.7	190.4	189.7	188.4	186.7	184.6	182.3	180.8
75°	243.4	244.2	244.3	243.7	244.3	244.2	243.4	241.9	239.7	236.7	233.2
72.5°	301.0	303.4	303.9	303.4	303.9	303.4	301.0	297.9	294.2	290.1	285.7
70°	358.0	361.2	361.1	359.8	361.1	361.2	358.0	354.0	349.2	343.8	338.3
67.5°	411.3	414.1	416.4	417.8	416.4	414.1	411.3	407.4	402.5	396.9	390.6
65°	463.8	467.0	468.7	469.2	468.7	467.0	463.8	459.6	454.3	448.1	441.1
62.5°	513.8	516.6	518.3	518.9	518.3	516.6	513.8	509.7	504.5	498.2	490.6
60°	563.1	566.2	566.7	565.3	566.7	566.2	563.1	558.7	553.1	546.9	539.6
57.5°	609.3	612.5	612.4	610.1	612.4	612.5	609.3	604.8	599.1	593.3	586.2
55°	652.0	654.3	655.2	654.9	655.2	654.3	652.0	648.2	643.0	637.8	630.8
52.5°	697.3	699.1	699.9	699.6	699.9	699.1	697.3	693.7	688.9	684.3	677.0
50°	744.5	744.8	744.7	744.4	744.7	744.8	744.5	742.1	738.7	735.1	728.5
47.5°	798.5	799.0	799.2	799.1	799.2	799.0	798.5	795.6	793.5	790.8	783.9
45°	862.3	860.5	858.7	858.8	858.7	860.5	862.3	860.1	859.0	855.5	847.6
42.5°	938.8	936.8	934.5	935.1	934.5	936.8	938.8	936.5	939.0	934.8	924.9
40°	1039.7	1039.1	1035.7	1034.5	1035.7	1039.1	1039.7	1035.6	1040.3	1034.2	1032.7
37.5°	1169.9	1168.0	1160.4	1157.2	1160.4	1168.0	1169.9	1169.2	1173.7	1163.5	1172.6
35°	1341.3	1338.7	1327.1	1328.0	1327.1	1338.7	1341.3	1345.8	1347.5	1332.0	1351.7
32.5°	1584.0	1584.9	1567.4	1563.4	1567.4	1584.9	1584.0	1589.4	1578.6	1574.8	1585.7
30°	1899.8	1906.7	1886.2	1895.0	1886.2	1906.7	1899.8	1916.4	1889.7	1903.8	1894.8
27.5°	2352.4	2365.6	2347.4	2332.7	2347.4	2365.6	2352.4	2353.1	2313.4	2341.2	2294.4
25°	2975.2	2985.1	2964.3	2946.1	2964.3	2985.1	2975.2	2939.0	2911.3	2906.7	2869.5
22.5°	3786.1	3785.5	3784.4	3813.2	3784.4	3785.5	3786.1	3710.0	3696.4	3617.6	3637.4
20°	4772.8	4748.9	4784.7	4807.9	4784.7	4748.9	4772.8	4732.1	4669.0	4594.4	4548.4
17.5°	5903.2	5948.0	5982.4	6039.7	5982.4	5948.0	5903.2	5888.2	5823.6	5758.5	5644.4
15°	7236.1	7303.7	7338.1	7319.6	7338.1	7303.7	7236.1	7187.5	7168.1	7058.4	7001.1
12.5°	8914.6	8995.3	8935.7	8861.5	8935.7	8995.3	8914.6	8909.3	8759.2	8792.1	8609.7
10°	11281.9	11455.7	11465.4	11320.2	11465.4	11455.7	11281.9	11280.9	11352.7	11229.6	11226.7
7.5°	14914.1	14998.5	15126.8	15133.3	15126.8	14998.5	14914.1	14856.2	14756.7	14603.7	14284.0
5°	18639.0	18864.0	19009.0	19259.8	19009.0	18864.0	18639.0	18479.6	18128.0	17733.6	17396.1
2.5°	21179.4	21470.3	21581.9	21866.1	21581.9	21470.3	21179.4	20865.3	20379.0	19803.0	19180.4
0°	22104.8	22340.2	22481.1	22593.9	22481.1	22340.2	22104.8	21736.7	21323.9	20712.2	20034.1
-2.5°	21179.4	21470.3	21581.9	21866.1	21581.9	21470.3	21179.4	20865.3	20379.0	19803.0	19180.4
-5°	18639.0	18864.0	19009.0	19259.8	19009.0	18864.0	18639.0	18479.6	18128.0	17733.6	17396.1
-7.5°	14914.1	14998.5	15126.8	15133.3	15126.8	14998.5	14914.1	14856.2	14756.7	14603.7	14284.0
-10°	11281.9	11455.7	11465.4	11320.2	11465.4	11455.7	11281.9	11280.9	11352.7	11229.6	11226.7
-12.5°	8914.6	8995.3	8935.7	8861.5	8935.7	8995.3	8914.6	8909.3	8759.2	8792.1	8609.7
-15°	7236.1	7303.7	7338.1	7319.6	7338.1	7303.7	7236.1	7187.5	7168.1	7058.4	7001.1
-17.5°	5903.2	5948.0	5982.4	6039.7	5982.4	5948.0	5903.2	5888.2	5823.6	5758.5	5644.4
-20°	4772.8	4748.9	4784.7	4807.9	4784.7	4748.9	4772.8	4732.1	4669.0	4594.4	4548.4



REPORT NUMBER: P559022 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	3786.1	3785.5	3784.4	3813.2	3784.4	3785.5	3786.1	3710.0	3696.4	3617.6	3637.4
-25°	2975.2	2985.1	2964.3	2946.1	2964.3	2985.1	2975.2	2939.0	2911.3	2906.7	2869.5
-27.5°	2352.4	2365.6	2347.4	2332.7	2347.4	2365.6	2352.4	2353.1	2313.4	2341.2	2294.4
-30°	1899.8	1906.7	1886.2	1895.0	1886.2	1906.7	1899.8	1916.4	1889.7	1903.8	1894.8
-32.5°	1584.0	1584.9	1567.4	1563.4	1567.4	1584.9	1584.0	1589.4	1578.6	1574.8	1585.7
-35°	1341.3	1338.7	1327.1	1328.0	1327.1	1338.7	1341.3	1345.8	1347.5	1332.0	1351.7
-37.5°	1169.9	1168.0	1160.4	1157.2	1160.4	1168.0	1169.9	1169.2	1173.7	1163.5	1172.6
-40°	1039.7	1039.1	1035.7	1034.5	1035.7	1039.1	1039.7	1035.6	1040.3	1034.2	1032.7
-42.5°	938.8	936.8	934.5	935.1	934.5	936.8	938.8	936.5	939.0	934.8	924.9
-45°	862.3	860.5	858.7	858.8	858.7	860.5	862.3	860.1	859.0	855.5	847.6
-47.5°	798.5	799.0	799.2	799.1	799.2	799.0	798.5	795.6	793.5	790.8	783.9
-50°	744.5	744.8	744.7	744.4	744.7	744.8	744.5	742.1	738.7	735.1	728.5
-52.5°	697.3	699.1	699.9	699.6	699.9	699.1	697.3	693.7	688.9	684.3	677.0
-55°	652.0	654.3	655.2	654.9	655.2	654.3	652.0	648.2	643.0	637.8	630.8
-57.5°	609.3	612.5	612.4	610.1	612.4	612.5	609.3	604.8	599.1	593.3	586.2
-60°	563.1	566.2	566.7	565.3	566.7	566.2	563.1	558.7	553.1	546.9	539.6
-62.5°	513.8	516.6	518.3	518.9	518.3	516.6	513.8	509.7	504.5	498.2	490.6
-65°	463.8	467.0	468.7	469.2	468.7	467.0	463.8	459.6	454.3	448.1	441.1
-67.5°	411.3	414.1	416.4	417.8	416.4	414.1	411.3	407.4	402.5	396.9	390.6
-70°	358.0	361.2	361.1	359.8	361.1	361.2	358.0	354.0	349.2	343.8	338.3
-72.5°	301.0	303.4	303.9	303.4	303.9	303.4	301.0	297.9	294.2	290.1	285.7
-75°	243.4	244.2	244.3	243.7	244.3	244.2	243.4	241.9	239.7	236.7	233.2
-77.5°	188.4	189.7	190.4	190.7	190.4	189.7	188.4	186.7	184.6	182.3	180.8
-80°	137.0	137.0	136.6	135.9	136.6	137.0	137.0	136.7	136.0	135.1	134.2
-82.5°	95.6	95.7	96.1	96.2	96.1	95.7	95.6	95.2	94.5	93.8	93.4
-85°	54.9	54.4	55.5	56.4	55.5	54.4	54.9	55.3	55.5	55.5	55.1
-87.5°	20.2	19.8	20.7	21.6	20.7	19.8	20.2	20.4	20.7	20.9	21.0
-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: P559022 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	21.1	21.1	21.0	21.7	22.3	22.7	23.1	22.4	21.6	20.8	19.9
85°	54.5	53.7	52.9	52.0	51.2	50.3	49.3	48.6	47.6	46.3	44.7
82.5°	92.8	91.9	90.6	88.3	85.7	83.0	80.4	79.0	77.3	75.4	73.3
80°	133.0	131.6	129.7	127.3	124.2	120.6	116.7	113.7	110.3	106.9	104.3
77.5°	178.8	176.3	173.3	170.1	166.4	162.2	157.8	153.9	149.7	144.9	140.7
75°	229.2	224.9	220.5	216.4	211.8	206.6	201.6	197.1	191.6	185.3	180.3
72.5°	280.6	274.8	268.9	263.4	257.4	251.0	245.8	241.2	235.2	227.8	222.7
70°	332.1	325.1	318.0	310.6	302.6	294.4	289.5	285.3	279.7	272.1	267.6
67.5°	383.3	375.2	367.5	359.2	350.0	339.8	334.6	329.0	322.6	315.0	313.0
65°	433.2	424.4	417.1	408.4	398.3	387.3	382.7	376.6	368.8	360.5	359.2
62.5°	481.7	471.5	464.5	456.2	446.2	437.1	432.5	425.6	416.6	410.5	409.6
60°	530.9	521.9	514.2	505.0	494.0	487.0	483.1	476.0	465.7	463.2	462.1
57.5°	577.7	569.7	562.8	553.9	542.9	539.5	535.5	528.1	517.5	519.0	516.5
55°	621.8	615.9	610.3	601.9	591.7	592.8	589.7	582.4	576.2	578.1	575.1
52.5°	667.3	664.8	659.7	650.6	646.3	648.8	645.1	638.0	639.2	641.4	636.7
50°	720.7	719.3	714.0	705.1	707.5	709.8	706.8	697.9	706.4	708.3	702.1
47.5°	780.6	780.5	773.8	765.9	775.6	777.3	773.8	774.4	781.7	779.7	772.0
45°	850.3	851.0	844.2	845.3	852.0	853.5	846.5	859.3	863.9	859.7	845.9
42.5°	934.7	933.7	926.0	938.1	942.0	939.8	942.1	955.3	955.5	945.9	946.6
40°	1040.7	1034.6	1036.3	1047.6	1049.4	1037.6	1058.9	1064.0	1059.4	1041.5	1066.6
37.5°	1175.4	1163.9	1178.3	1181.6	1176.3	1182.7	1198.0	1194.8	1174.7	1192.3	1207.9
35°	1345.7	1341.7	1355.4	1351.1	1330.2	1364.6	1369.1	1347.6	1340.3	1372.5	1370.6
32.5°	1558.5	1581.1	1578.7	1559.2	1572.0	1579.4	1569.3	1533.0	1579.4	1591.7	1563.3
30°	1875.9	1887.0	1862.8	1850.7	1873.3	1848.0	1796.0	1848.8	1869.0	1843.9	1781.1
27.5°	2308.5	2276.4	2232.3	2260.6	2234.2	2173.5	2192.0	2218.7	2195.4	2134.9	2063.7
25°	2858.9	2768.5	2790.9	2771.6	2684.4	2668.1	2695.2	2664.9	2580.5	2489.9	2589.5
22.5°	3550.4	3517.1	3480.4	3370.9	3344.3	3351.9	3286.5	3164.5	3090.3	3185.4	3188.4
20°	4479.9	4422.0	4296.1	4249.2	4225.4	4112.1	3947.6	3930.8	4008.7	3968.7	3848.4
17.5°	5595.0	5443.2	5417.0	5343.5	5203.9	4981.7	5066.0	5095.1	5020.9	4813.5	4560.9
15°	6797.3	6884.6	6808.6	6583.8	6450.7	6551.0	6501.9	6339.7	6114.7	5735.1	5305.3
12.5°	8770.5	8642.4	8322.6	8440.1	8407.0	8285.1	8036.7	7679.8	7212.6	6597.9	5978.5
10°	11060.4	10968.0	10874.9	10720.4	10466.2	10104.8	9501.1	8830.7	8132.7	7407.7	6655.3
7.5°	14044.5	13794.8	13476.7	12909.3	12200.1	11468.9	10703.5	9903.4	9051.2	8205.2	7326.1
5°	16759.3	16025.2	15276.1	14497.5	13637.7	12762.8	11879.8	10957.8	9953.5	8979.5	7976.3
2.5°	18470.8	17706.7	16881.1	15981.5	14874.8	13757.5	12640.6	11524.0	10328.3	9202.2	8076.7
0°	19231.7	18341.4	17321.8	16308.8	15204.6	14039.1	12789.1	11643.4	10419.9	9274.3	8133.7
-2.5°	18470.8	17706.7	16881.1	15981.5	14874.8	13757.5	12640.6	11524.0	10328.3	9202.2	8076.7
-5°	16759.3	16025.2	15276.1	14497.5	13637.7	12762.8	11879.8	10957.8	9953.5	8979.5	7976.3
-7.5°	14044.5	13794.8	13476.7	12909.3	12200.1	11468.9	10703.5	9903.4	9051.2	8205.2	7326.1
-10°	11060.4	10968.0	10874.9	10720.4	10466.2	10104.8	9501.1	8830.7	8132.7	7407.7	6655.3
-12.5°	8770.5	8642.4	8322.6	8440.1	8407.0	8285.1	8036.7	7679.8	7212.6	6597.9	5978.5
-15°	6797.3	6884.6	6808.6	6583.8	6450.7	6551.0	6501.9	6339.7	6114.7	5735.1	5305.3
-17.5°	5595.0	5443.2	5417.0	5343.5	5203.9	4981.7	5066.0	5095.1	5020.9	4813.5	4560.9
-20°	4479.9	4422.0	4296.1	4249.2	4225.4	4112.1	3947.6	3930.8	4008.7	3968.7	3848.4



REPORT NUMBER: P559022 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	3550.4	3517.1	3480.4	3370.9	3344.3	3351.9	3286.5	3164.5	3090.3	3185.4	3188.4
-25°	2858.9	2768.5	2790.9	2771.6	2684.4	2668.1	2695.2	2664.9	2580.5	2489.9	2589.5
-27.5°	2308.5	2276.4	2232.3	2260.6	2234.2	2173.5	2192.0	2218.7	2195.4	2134.9	2063.7
-30°	1875.9	1887.0	1862.8	1850.7	1873.3	1848.0	1796.0	1848.8	1869.0	1843.9	1781.1
-32.5°	1558.5	1581.1	1578.7	1559.2	1572.0	1579.4	1569.3	1533.0	1579.4	1591.7	1563.3
-35°	1345.7	1341.7	1355.4	1351.1	1330.2	1364.6	1369.1	1347.6	1340.3	1372.5	1370.6
-37.5°	1175.4	1163.9	1178.3	1181.6	1176.3	1182.7	1198.0	1194.8	1174.7	1192.3	1207.9
-40°	1040.7	1034.6	1036.3	1047.6	1049.4	1037.6	1058.9	1064.0	1059.4	1041.5	1066.6
-42.5°	934.7	933.7	926.0	938.1	942.0	939.8	942.1	955.3	955.5	945.9	946.6
-45°	850.3	851.0	844.2	845.3	852.0	853.5	846.5	859.3	863.9	859.7	845.9
-47.5°	780.6	780.5	773.8	765.9	775.6	777.3	773.8	774.4	781.7	779.7	772.0
-50°	720.7	719.3	714.0	705.1	707.5	709.8	706.8	697.9	706.4	708.3	702.1
-52.5°	667.3	664.8	659.7	650.6	646.3	648.8	645.1	638.0	639.2	641.4	636.7
-55°	621.8	615.9	610.3	601.9	591.7	592.8	589.7	582.4	576.2	578.1	575.1
-57.5°	577.7	569.7	562.8	553.9	542.9	539.5	535.5	528.1	517.5	519.0	516.5
-60°	530.9	521.9	514.2	505.0	494.0	487.0	483.1	476.0	465.7	463.2	462.1
-62.5°	481.7	471.5	464.5	456.2	446.2	437.1	432.5	425.6	416.6	410.5	409.6
-65°	433.2	424.4	417.1	408.4	398.3	387.3	382.7	376.6	368.8	360.5	359.2
-67.5°	383.3	375.2	367.5	359.2	350.0	339.8	334.6	329.0	322.6	315.0	313.0
-70°	332.1	325.1	318.0	310.6	302.6	294.4	289.5	285.3	279.7	272.1	267.6
-72.5°	280.6	274.8	268.9	263.4	257.4	251.0	245.8	241.2	235.2	227.8	222.7
-75°	229.2	224.9	220.5	216.4	211.8	206.6	201.6	197.1	191.6	185.3	180.3
-77.5°	178.8	176.3	173.3	170.1	166.4	162.2	157.8	153.9	149.7	144.9	140.7
-80°	133.0	131.6	129.7	127.3	124.2	120.6	116.7	113.7	110.3	106.9	104.3
-82.5°	92.8	91.9	90.6	88.3	85.7	83.0	80.4	79.0	77.3	75.4	73.3
-85°	54.5	53.7	52.9	52.0	51.2	50.3	49.3	48.6	47.6	46.3	44.7
-87.5°	21.1	21.1	21.0	21.7	22.3	22.7	23.1	22.4	21.6	20.8	19.9
-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: P559022 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	19.3	18.6	17.9	17.1	16.2	15.3	14.3	13.3	12.4	11.3	10.2
85°	43.2	41.3	39.1	36.6	33.9	30.6	28.7	26.6	24.7	22.7	20.4
82.5°	71.4	69.1	66.5	63.4	60.8	57.2	52.8	47.4	41.4	34.7	30.6
80°	103.4	101.4	98.0	93.6	89.1	83.9	78.9	72.6	64.9	56.4	47.1
77.5°	138.9	135.9	131.8	127.1	121.3	114.6	106.9	98.3	88.5	78.1	66.7
75°	177.4	173.9	169.2	162.8	154.6	145.3	136.0	125.7	113.9	100.0	86.3
72.5°	219.5	214.6	208.0	199.3	189.8	178.8	166.3	153.3	140.1	124.5	106.6
70°	263.2	256.7	248.9	239.7	227.4	212.5	198.2	183.5	166.4	149.0	129.0
67.5°	308.3	301.0	291.4	281.2	268.2	251.7	231.2	214.7	196.3	173.6	151.4
65°	355.2	347.0	335.3	325.0	310.4	292.0	270.1	248.1	226.5	201.9	173.7
62.5°	404.5	395.4	384.2	370.8	354.2	334.0	309.8	286.3	258.1	230.4	198.7
60°	456.7	446.8	435.2	421.0	400.9	376.9	352.1	324.6	293.9	259.0	224.8
57.5°	510.5	499.7	490.2	473.5	451.0	422.9	396.2	366.2	329.8	291.0	250.8
55°	566.4	556.3	547.7	529.9	503.6	472.0	444.2	410.0	367.0	323.8	276.8
52.5°	626.2	619.1	608.7	588.8	560.0	526.2	498.6	455.1	409.2	356.5	305.9
50°	689.2	689.0	675.3	651.3	618.4	590.5	555.7	508.6	452.1	391.1	335.5
47.5°	766.8	765.8	749.6	718.5	680.7	659.6	620.3	564.9	495.7	430.6	365.3
45°	855.1	849.2	829.4	794.5	760.8	738.1	690.2	623.2	548.8	471.0	395.1
42.5°	953.1	942.5	915.1	874.4	860.7	824.9	763.8	689.7	603.3	511.4	428.1
40°	1067.8	1045.4	1007.5	987.0	972.8	918.9	848.7	759.6	658.8	554.6	463.1
37.5°	1194.7	1161.8	1111.4	1126.9	1097.3	1030.8	939.6	831.8	717.0	603.5	497.7
35°	1343.1	1291.7	1292.9	1290.6	1240.1	1150.5	1035.2	910.0	781.4	652.3	531.7
32.5°	1505.4	1492.1	1515.0	1477.9	1396.3	1277.6	1142.2	996.0	846.7	700.7	565.2
30°	1735.9	1791.1	1766.7	1683.9	1568.8	1423.2	1257.1	1084.0	912.5	748.6	599.6
27.5°	2133.4	2131.5	2050.2	1921.9	1762.4	1577.7	1373.3	1173.6	978.6	798.7	638.6
25°	2582.1	2517.8	2378.0	2183.9	1967.6	1732.3	1491.4	1264.5	1050.5	852.7	676.5
22.5°	3094.5	2938.5	2733.4	2462.9	2170.7	1891.4	1617.2	1364.0	1124.9	905.7	713.1
20°	3648.6	3387.3	3105.3	2736.4	2389.7	2064.6	1750.3	1462.5	1198.2	957.4	748.1
17.5°	4242.0	3850.4	3459.4	3032.6	2619.7	2239.2	1883.2	1559.5	1269.9	1007.3	781.4
15°	4816.9	4313.4	3824.0	3330.8	2850.6	2413.5	2014.4	1654.0	1339.3	1055.1	807.7
12.5°	5383.6	4782.9	4193.8	3627.7	3079.7	2585.4	2142.6	1745.1	1405.8	1089.3	824.7
10°	5949.3	5252.1	4563.1	3919.3	3304.1	2752.8	2266.3	1816.3	1437.2	1111.2	838.9
7.5°	6506.4	5714.1	4926.3	4201.9	3497.3	2862.2	2319.1	1848.5	1457.9	1128.9	850.1
5°	6961.0	6015.6	5091.5	4285.7	3551.6	2905.6	2351.8	1873.5	1472.2	1142.3	858.2
2.5°	7022.4	6065.2	5116.1	4318.7	3587.8	2935.4	2373.4	1890.8	1480.2	1151.2	863.3
0°	7046.1	6081.2	5113.0	4328.8	3605.9	2951.1	2384.1	1900.0	1482.2	1155.6	865.4
-2.5°	7022.4	6065.2	5116.1	4318.7	3587.8	2935.4	2373.4	1890.8	1480.2	1151.2	863.3
-5°	6961.0	6015.6	5091.5	4285.7	3551.6	2905.6	2351.8	1873.5	1472.2	1142.3	858.2
-7.5°	6506.4	5714.1	4926.3	4201.9	3497.3	2862.2	2319.1	1848.5	1457.9	1128.9	850.1
-10°	5949.3	5252.1	4563.1	3919.3	3304.1	2752.8	2266.3	1816.3	1437.2	1111.2	838.9
-12.5°	5383.6	4782.9	4193.8	3627.7	3079.7	2585.4	2142.6	1745.1	1405.8	1089.3	824.7
-15°	4816.9	4313.4	3824.0	3330.8	2850.6	2413.5	2014.4	1654.0	1339.3	1055.1	807.7
-17.5°	4242.0	3850.4	3459.4	3032.6	2619.7	2239.2	1883.2	1559.5	1269.9	1007.3	781.4
-20°	3648.6	3387.3	3105.3	2736.4	2389.7	2064.6	1750.3	1462.5	1198.2	957.4	748.1



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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°	3094.5	2938.5	2733.4	2462.9	2170.7	1891.4	1617.2	1364.0	1124.9	905.7	713.1
-25°	2582.1	2517.8	2378.0	2183.9	1967.6	1732.3	1491.4	1264.5	1050.5	852.7	676.5
-27.5°	2133.4	2131.5	2050.2	1921.9	1762.4	1577.7	1373.3	1173.6	978.6	798.7	638.6
-30°	1735.9	1791.1	1766.7	1683.9	1568.8	1423.2	1257.1	1084.0	912.5	748.6	599.6
-32.5°	1505.4	1492.1	1515.0	1477.9	1396.3	1277.6	1142.2	996.0	846.7	700.7	565.2
-35°	1343.1	1291.7	1292.9	1290.6	1240.1	1150.5	1035.2	910.0	781.4	652.3	531.7
-37.5°	1194.7	1161.8	1111.4	1126.9	1097.3	1030.8	939.6	831.8	717.0	603.5	497.7
-40°	1067.8	1045.4	1007.5	987.0	972.8	918.9	848.7	759.6	658.8	554.6	463.1
-42.5°	953.1	942.5	915.1	874.4	860.7	824.9	763.8	689.7	603.3	511.4	428.1
-45°	855.1	849.2	829.4	794.5	760.8	738.1	690.2	623.2	548.8	471.0	395.1
-47.5°	766.8	765.8	749.6	718.5	680.7	659.6	620.3	564.9	495.7	430.6	365.3
-50°	689.2	689.0	675.3	651.3	618.4	590.5	555.7	508.6	452.1	391.1	335.5
-52.5°	626.2	619.1	608.7	588.8	560.0	526.2	498.6	455.1	409.2	356.5	305.9
-55°	566.4	556.3	547.7	529.9	503.6	472.0	444.2	410.0	367.0	323.8	276.8
-57.5°	510.5	499.7	490.2	473.5	451.0	422.9	396.2	366.2	329.8	291.0	250.8
-60°	456.7	446.8	435.2	421.0	400.9	376.9	352.1	324.6	293.9	259.0	224.8
-62.5°	404.5	395.4	384.2	370.8	354.2	334.0	309.8	286.3	258.1	230.4	198.7
-65°	355.2	347.0	335.3	325.0	310.4	292.0	270.1	248.1	226.5	201.9	173.7
-67.5°	308.3	301.0	291.4	281.2	268.2	251.7	231.2	214.7	196.3	173.6	151.4
-70°	263.2	256.7	248.9	239.7	227.4	212.5	198.2	183.5	166.4	149.0	129.0
-72.5°	219.5	214.6	208.0	199.3	189.8	178.8	166.3	153.3	140.1	124.5	106.6
-75°	177.4	173.9	169.2	162.8	154.6	145.3	136.0	125.7	113.9	100.0	86.3
-77.5°	138.9	135.9	131.8	127.1	121.3	114.6	106.9	98.3	88.5	78.1	66.7
-80°	103.4	101.4	98.0	93.6	89.1	83.9	78.9	72.6	64.9	56.4	47.1
-82.5°	71.4	69.1	66.5	63.4	60.8	57.2	52.8	47.4	41.4	34.7	30.6
-85°	43.2	41.3	39.1	36.6	33.9	30.6	28.7	26.6	24.7	22.7	20.4
-87.5°	19.3	18.6	17.9	17.1	16.2	15.3	14.3	13.3	12.4	11.3	10.2
-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°	9.0	8.0	6.8	5.4	3.8	1.9	0.0
85°	18.0	16.0	13.5	10.7	7.5	3.8	0.0
82.5°	27.0	23.9	20.3	16.0	11.2	5.6	0.0
80°	37.1	31.9	27.0	21.4	15.0	7.5	0.0
77.5°	54.5	42.4	33.7	26.7	18.6	9.3	0.0
75°	71.9	57.4	41.5	31.9	22.3	11.2	0.0
72.5°	89.3	72.3	53.8	37.2	25.9	13.0	0.0
70°	106.9	87.2	66.1	43.2	29.4	14.7	0.0
67.5°	127.1	101.9	78.2	52.5	33.0	16.5	0.0
65°	147.1	117.9	90.2	61.8	36.4	18.2	0.0
62.5°	167.1	135.2	102.0	70.9	39.8	19.9	0.0
60°	187.0	152.3	113.7	79.8	43.1	21.5	0.0
57.5°	209.5	169.2	127.5	88.6	48.9	23.2	0.0
55°	232.2	185.9	141.2	97.2	54.6	24.7	0.0
52.5°	254.5	202.8	154.6	105.6	60.2	26.2	0.0
50°	276.5	221.3	167.8	113.8	65.6	27.7	0.0
47.5°	298.7	239.4	180.7	122.3	70.8	29.1	0.0
45°	324.5	257.1	193.3	131.7	75.9	30.5	0.0
42.5°	350.0	274.3	205.6	140.9	80.8	31.8	0.0
40°	375.3	291.1	218.2	149.5	85.4	33.0	0.0
37.5°	400.3	307.3	231.1	157.5	89.9	34.2	0.0
35°	424.9	325.8	243.4	165.0	94.1	35.3	0.0
32.5°	450.1	345.1	255.3	171.9	98.1	36.3	0.0
30°	477.1	363.8	266.5	178.4	101.9	37.3	0.0
27.5°	503.1	381.8	276.0	184.3	105.4	38.2	0.0
25°	528.2	399.1	284.6	189.7	108.7	39.1	0.0
22.5°	552.1	414.5	292.6	194.5	111.7	39.8	0.0
20°	574.9	426.3	300.0	198.8	114.5	40.5	0.0
17.5°	592.0	436.6	306.7	202.6	116.9	41.1	0.0
15°	604.8	445.5	312.6	205.8	119.1	41.6	0.0
12.5°	615.7	453.0	317.8	208.5	121.0	42.1	0.0
10°	624.8	459.0	322.2	210.6	122.6	42.4	0.0
7.5°	631.9	463.6	325.9	212.2	123.9	42.7	0.0
5°	637.1	466.9	328.6	213.3	124.9	42.9	0.0
2.5°	640.4	468.7	330.6	213.9	125.6	43.1	0.0
0°	641.6	469.2	331.6	213.9	126.0	43.1	0.0
-2.5°	640.4	468.7	330.6	213.9	125.6	43.1	0.0
-5°	637.1	466.9	328.6	213.3	124.9	42.9	0.0
-7.5°	631.9	463.6	325.9	212.2	123.9	42.7	0.0
-10°	624.8	459.0	322.2	210.6	122.6	42.4	0.0
-12.5°	615.7	453.0	317.8	208.5	121.0	42.1	0.0
-15°	604.8	445.5	312.6	205.8	119.1	41.6	0.0
-17.5°	592.0	436.6	306.7	202.6	116.9	41.1	0.0
-20°	574.9	426.3	300.0	198.8	114.5	40.5	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	552.1	414.5	292.6	194.5	111.7	39.8	0.0
-25°	528.2	399.1	284.6	189.7	108.7	39.1	0.0
-27.5°	503.1	381.8	276.0	184.3	105.4	38.2	0.0
-30°	477.1	363.8	266.5	178.4	101.9	37.3	0.0
-32.5°	450.1	345.1	255.3	171.9	98.1	36.3	0.0
-35°	424.9	325.8	243.4	165.0	94.1	35.3	0.0
-37.5°	400.3	307.3	231.1	157.5	89.9	34.2	0.0
-40°	375.3	291.1	218.2	149.5	85.4	33.0	0.0
-42.5°	350.0	274.3	205.6	140.9	80.8	31.8	0.0
-45°	324.5	257.1	193.3	131.7	75.9	30.5	0.0
-47.5°	298.7	239.4	180.7	122.3	70.8	29.1	0.0
-50°	276.5	221.3	167.8	113.8	65.6	27.7	0.0
-52.5°	254.5	202.8	154.6	105.6	60.2	26.2	0.0
-55°	232.2	185.9	141.2	97.2	54.6	24.7	0.0
-57.5°	209.5	169.2	127.5	88.6	48.9	23.2	0.0
-60°	187.0	152.3	113.7	79.8	43.1	21.5	0.0
-62.5°	167.1	135.2	102.0	70.9	39.8	19.9	0.0
-65°	147.1	117.9	90.2	61.8	36.4	18.2	0.0
-67.5°	127.1	101.9	78.2	52.5	33.0	16.5	0.0
-70°	106.9	87.2	66.1	43.2	29.4	14.7	0.0
-72.5°	89.3	72.3	53.8	37.2	25.9	13.0	0.0
-75°	71.9	57.4	41.5	31.9	22.3	11.2	0.0
-77.5°	54.5	42.4	33.7	26.7	18.6	9.3	0.0
-80°	37.1	31.9	27.0	21.4	15.0	7.5	0.0
-82.5°	27.0	23.9	20.3	16.0	11.2	5.6	0.0
-85°	18.0	16.0	13.5	10.7	7.5	3.8	0.0
-87.5°	9.0	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)