

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: P558846 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-927-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558846 (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-SA3E-927-U-NAT-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR
6x4
Light Source: (48) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

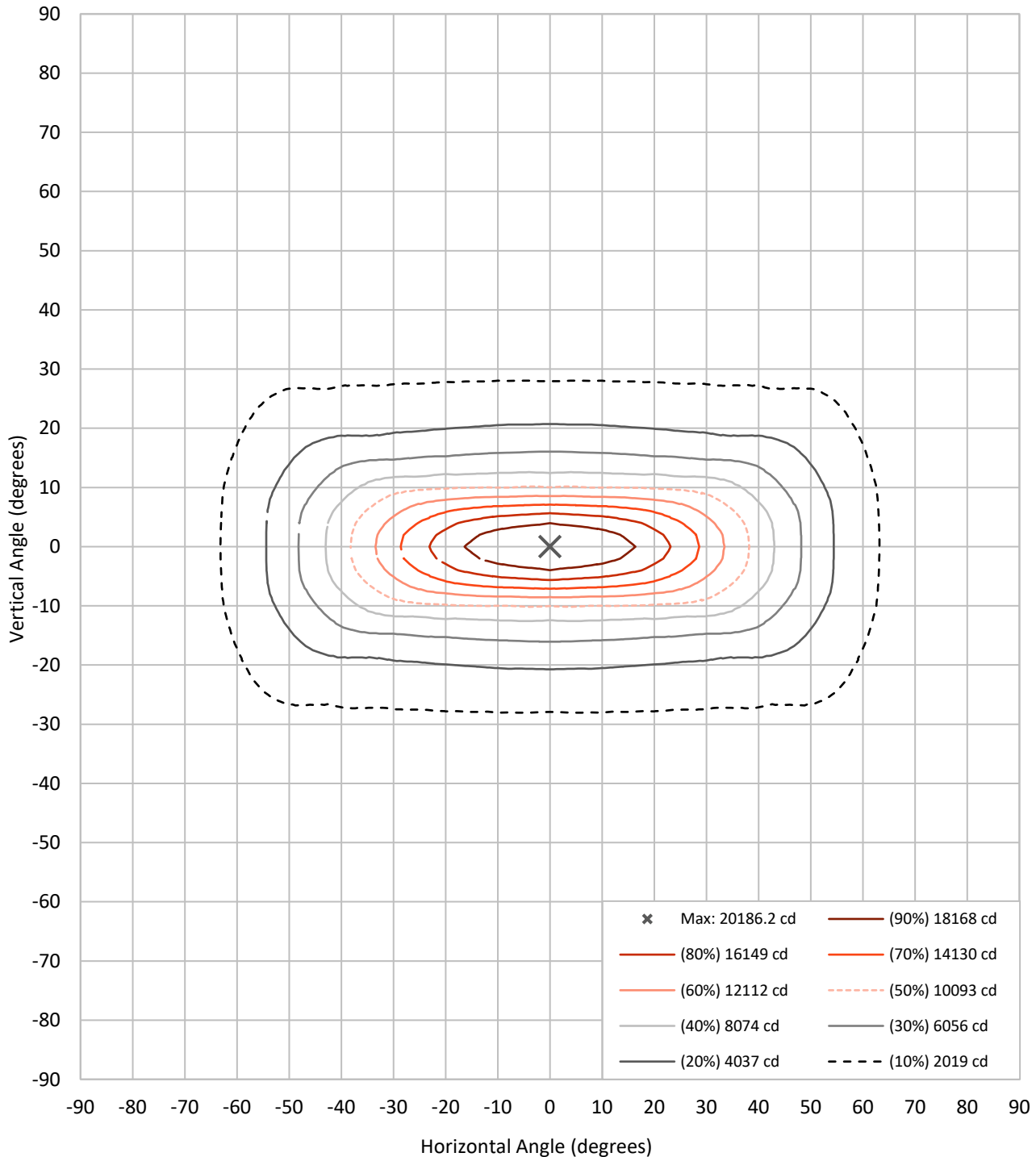
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	14456.9 lumens	Max Intensity:	20186.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	79.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	5784.2 lumens	Field Lumens:	11849 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 182
Input Voltage (V): 120
Input Current (A_{in}): 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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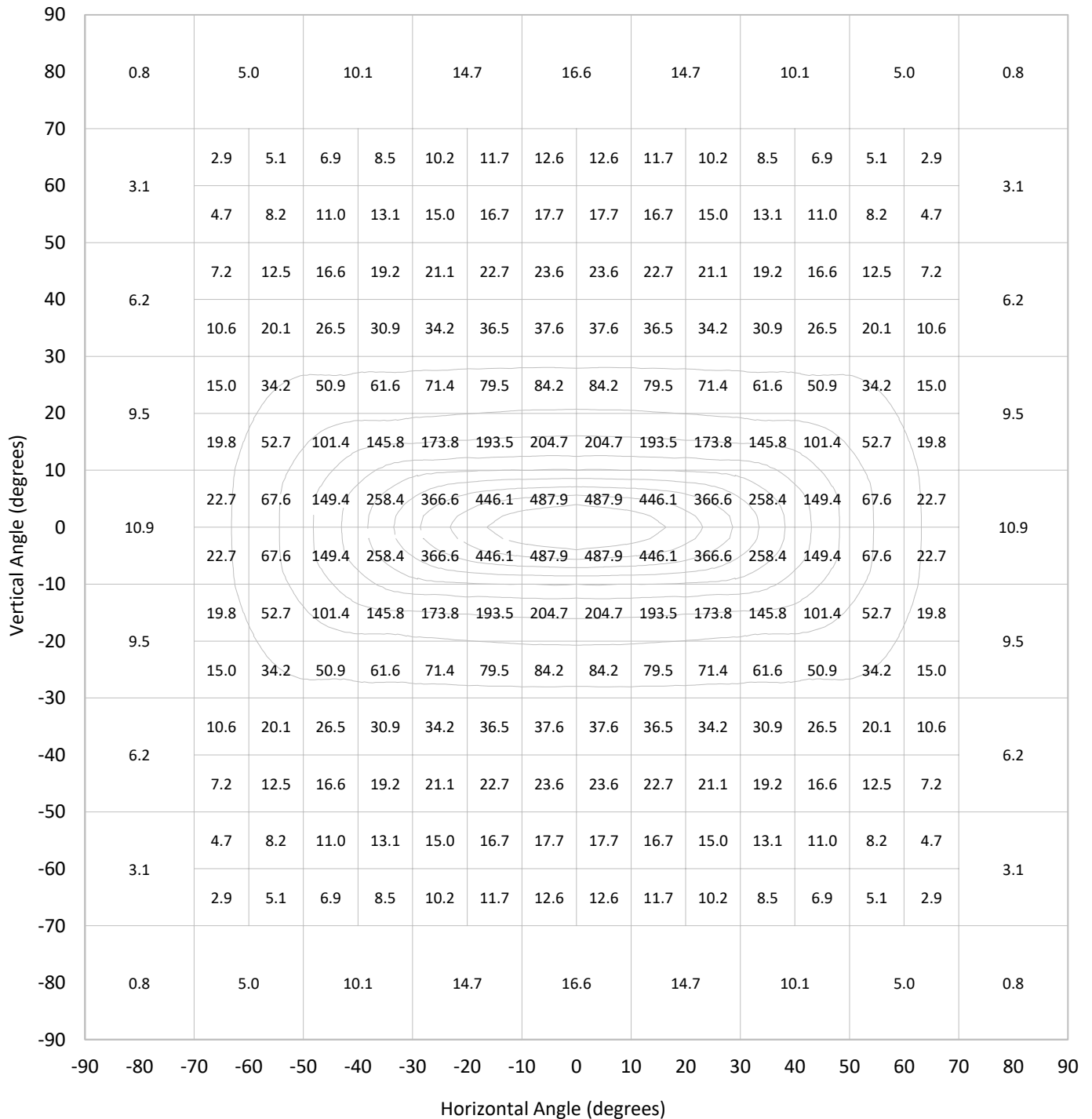
Iso-Candela Plot





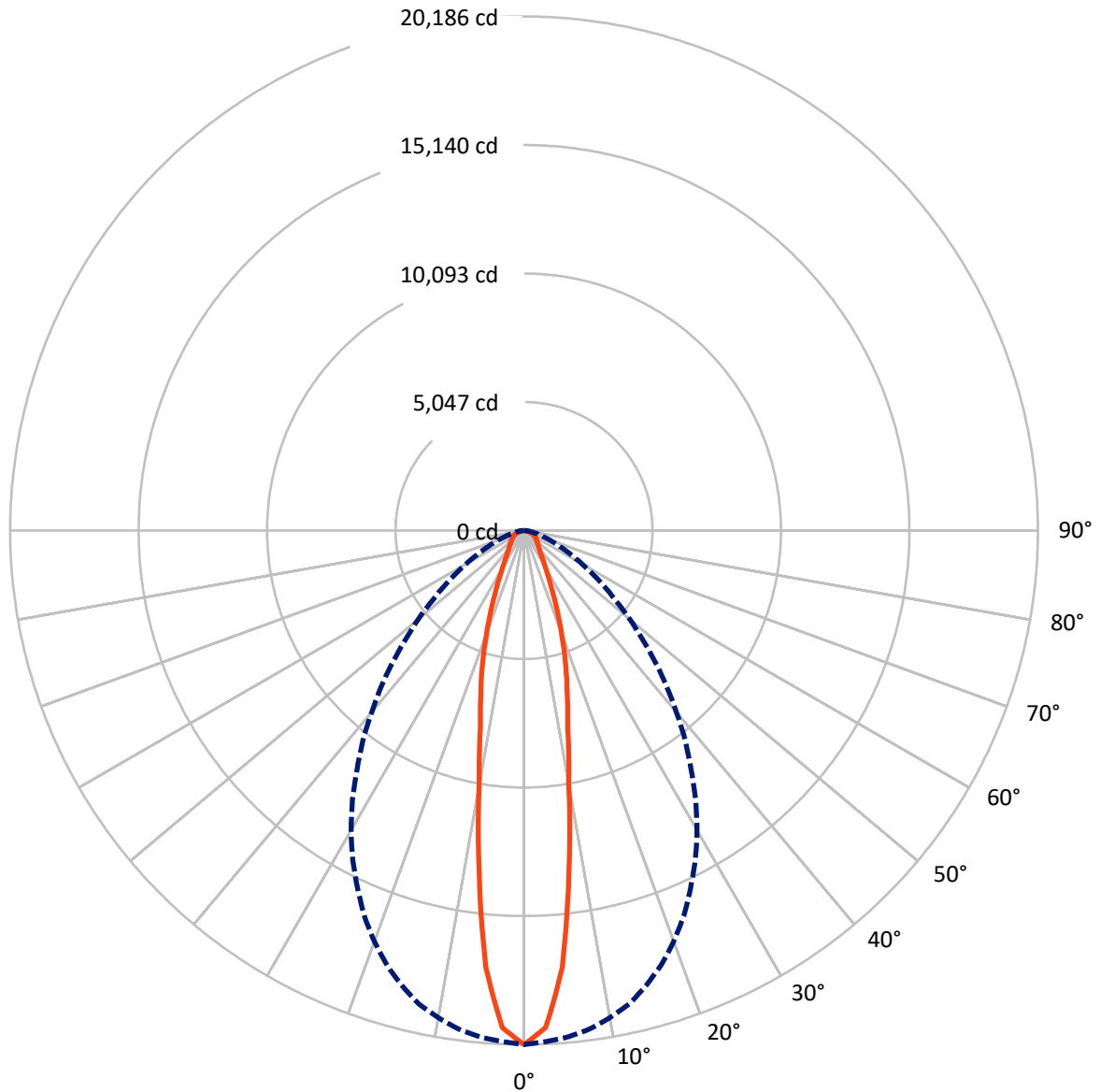
REPORT NUMBER: P558846 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table



REPORT NUMBER: P558846 (CONVERTED FROM TYPE C PHOTOMETRY)
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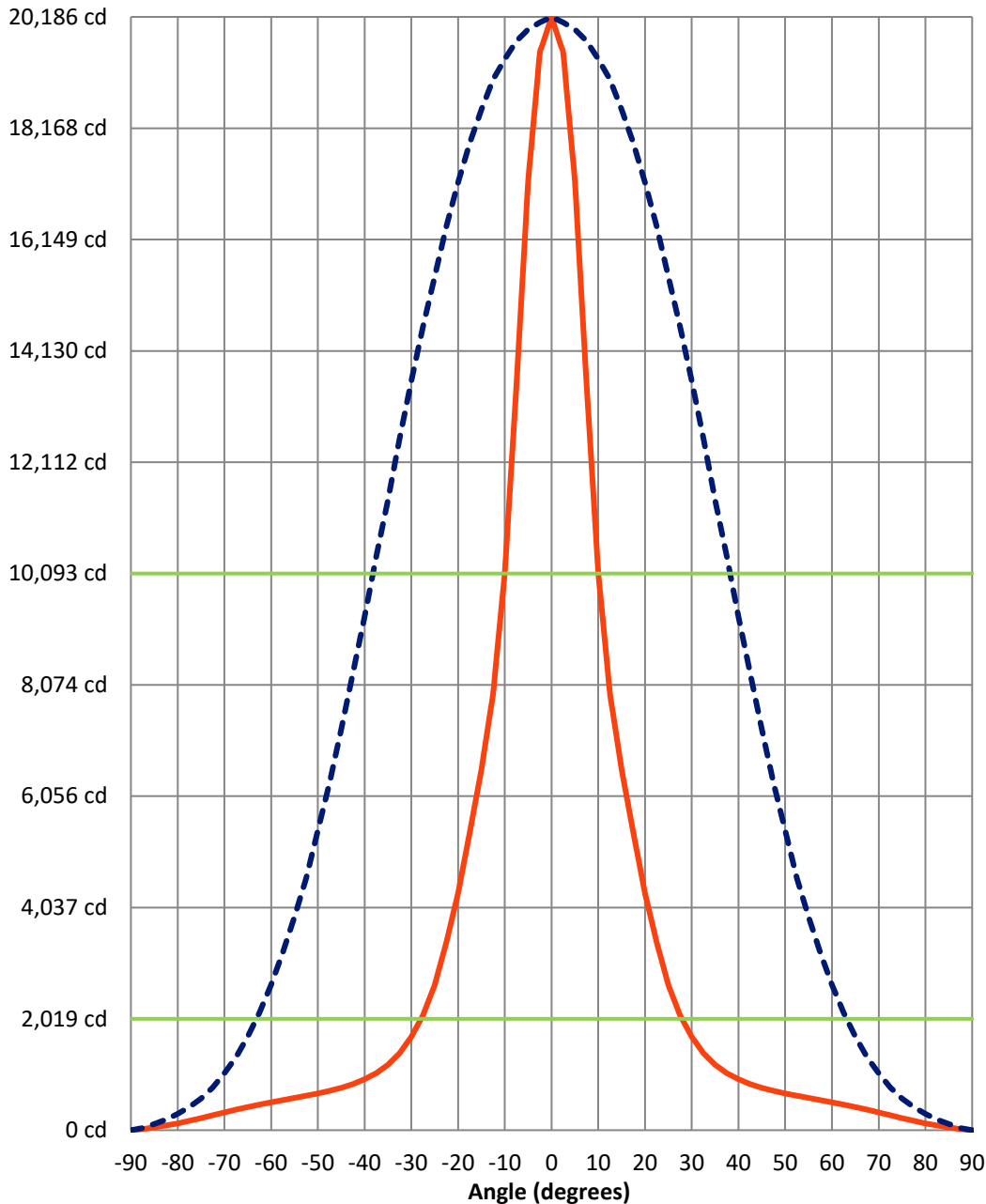
Luminous Intensity Polar Plot



— 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: 5784.2
 Efficiency: 40.0%

Field:
 H Angle: 126.3°
 V Angle: 55.8°
 Lumens: 11849
 Efficiency: 82.0%

Spill:
 Lumens: 2608
 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	1.7	3.4	4.8	6.0	7.1	8.0	9.1	10.1	11.0	11.9
85°	0.0	3.4	6.7	9.6	12.1	14.3	16.1	18.2	20.2	22.1	23.7
82.5°	0.0	5.0	10.0	14.3	18.1	21.4	24.2	27.3	31.0	36.9	42.3
80°	0.0	6.7	13.4	19.1	24.1	28.5	33.1	42.1	50.4	58.0	64.9
77.5°	0.0	8.3	16.6	23.8	30.1	37.8	48.7	59.6	69.8	79.0	87.8
75°	0.0	10.0	19.9	28.5	37.0	51.3	64.3	77.1	89.3	101.8	112.3
72.5°	0.0	11.6	23.1	33.2	48.1	64.6	79.7	95.2	111.2	125.1	136.9
70°	0.0	13.2	26.3	38.6	59.0	77.9	95.5	115.2	133.1	148.6	163.9
67.5°	0.0	14.7	29.4	46.9	69.8	91.0	113.5	135.2	155.0	175.4	191.8
65°	0.0	16.3	32.5	55.2	80.6	105.3	131.4	155.1	180.4	202.4	221.7
62.5°	0.0	17.8	35.5	63.3	91.2	120.7	149.3	177.4	205.9	230.6	255.7
60°	0.0	19.2	38.5	71.3	101.6	136.0	167.0	200.8	231.4	262.6	290.0
57.5°	0.0	20.7	43.7	79.1	113.9	151.1	187.2	224.1	260.0	294.6	327.1
55°	0.0	22.1	48.8	86.8	126.1	166.0	207.4	247.3	289.3	327.9	366.3
52.5°	0.0	23.4	53.8	94.4	138.1	181.1	227.3	273.3	318.5	365.6	406.6
50°	0.0	24.7	58.6	101.7	149.9	197.6	247.0	299.8	349.4	403.9	454.4
47.5°	0.0	26.0	63.3	109.2	161.4	213.8	266.9	326.4	384.7	442.9	504.7
45°	0.0	27.2	67.8	117.7	172.6	229.6	289.9	353.0	420.8	490.4	556.8
42.5°	0.0	28.4	72.2	125.9	183.6	245.1	312.7	382.5	456.9	539.0	616.2
40°	0.0	29.5	76.3	133.6	194.9	260.1	335.3	413.8	495.5	588.6	678.6
37.5°	0.0	30.5	80.3	140.7	206.4	274.6	357.7	444.7	539.2	640.6	743.2
35°	0.0	31.5	84.1	147.4	217.4	291.1	379.7	475.1	582.8	698.1	813.0
32.5°	0.0	32.5	87.7	153.6	228.0	308.4	402.2	505.0	626.0	756.4	889.9
30°	0.0	33.3	91.1	159.3	238.1	325.1	426.3	535.8	668.8	815.3	968.5
27.5°	0.0	34.1	94.2	164.6	246.5	341.2	449.6	570.6	713.6	874.3	1048.5
25°	0.0	34.9	97.1	169.4	254.3	356.6	471.9	604.5	761.8	938.6	1129.8
22.5°	0.0	35.6	99.8	173.8	261.4	370.4	493.3	637.1	809.2	1005.0	1218.6
20°	0.0	36.2	102.3	177.6	268.0	380.9	513.7	668.4	855.3	1070.5	1306.7
17.5°	0.0	36.7	104.5	181.0	274.0	390.1	529.0	698.2	899.9	1134.6	1393.3
15°	0.0	37.2	106.5	183.9	279.3	398.1	540.4	721.6	942.6	1196.6	1477.7
12.5°	0.0	37.6	108.1	186.3	283.9	404.7	550.2	736.9	973.2	1256.1	1559.2
10°	0.0	37.9	109.6	188.2	287.9	410.1	558.2	749.5	992.7	1284.1	1622.7
7.5°	0.0	38.2	110.8	189.6	291.1	414.2	564.6	759.5	1008.5	1302.6	1651.5
5°	0.0	38.4	111.6	190.6	293.6	417.1	569.2	766.8	1020.5	1315.3	1673.8
2.5°	0.0	38.5	112.3	191.1	295.3	418.8	572.1	771.4	1028.5	1322.5	1689.3
0°	0.0	38.5	112.6	191.1	296.2	419.2	573.2	773.2	1032.4	1324.2	1697.5
-2.5°	0.0	38.5	112.3	191.1	295.3	418.8	572.1	771.4	1028.5	1322.5	1689.3
-5°	0.0	38.4	111.6	190.6	293.6	417.1	569.2	766.8	1020.5	1315.3	1673.8
-7.5°	0.0	38.2	110.8	189.6	291.1	414.2	564.6	759.5	1008.5	1302.6	1651.5
-10°	0.0	37.9	109.6	188.2	287.9	410.1	558.2	749.5	992.7	1284.1	1622.7
-12.5°	0.0	37.6	108.1	186.3	283.9	404.7	550.2	736.9	973.2	1256.1	1559.2
-15°	0.0	37.2	106.5	183.9	279.3	398.1	540.4	721.6	942.6	1196.6	1477.7
-17.5°	0.0	36.7	104.5	181.0	274.0	390.1	529.0	698.2	899.9	1134.6	1393.3
-20°	0.0	36.2	102.3	177.6	268.0	380.9	513.7	668.4	855.3	1070.5	1306.7



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 CATALOG NUMBER: GFLD-SA3E-927-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	35.6	99.8	173.8	261.4	370.4	493.3	637.1	809.2	1005.0	1218.6
-25°	0.0	34.9	97.1	169.4	254.3	356.6	471.9	604.5	761.8	938.6	1129.8
-27.5°	0.0	34.1	94.2	164.6	246.5	341.2	449.6	570.6	713.6	874.3	1048.5
-30°	0.0	33.3	91.1	159.3	238.1	325.1	426.3	535.8	668.8	815.3	968.5
-32.5°	0.0	32.5	87.7	153.6	228.0	308.4	402.2	505.0	626.0	756.4	889.9
-35°	0.0	31.5	84.1	147.4	217.4	291.1	379.7	475.1	582.8	698.1	813.0
-37.5°	0.0	30.5	80.3	140.7	206.4	274.6	357.7	444.7	539.2	640.6	743.2
-40°	0.0	29.5	76.3	133.6	194.9	260.1	335.3	413.8	495.5	588.6	678.6
-42.5°	0.0	28.4	72.2	125.9	183.6	245.1	312.7	382.5	456.9	539.0	616.2
-45°	0.0	27.2	67.8	117.7	172.6	229.6	289.9	353.0	420.8	490.4	556.8
-47.5°	0.0	26.0	63.3	109.2	161.4	213.8	266.9	326.4	384.7	442.9	504.7
-50°	0.0	24.7	58.6	101.7	149.9	197.6	247.0	299.8	349.4	403.9	454.4
-52.5°	0.0	23.4	53.8	94.4	138.1	181.1	227.3	273.3	318.5	365.6	406.6
-55°	0.0	22.1	48.8	86.8	126.1	166.0	207.4	247.3	289.3	327.9	366.3
-57.5°	0.0	20.7	43.7	79.1	113.9	151.1	187.2	224.1	260.0	294.6	327.1
-60°	0.0	19.2	38.5	71.3	101.6	136.0	167.0	200.8	231.4	262.6	290.0
-62.5°	0.0	17.8	35.5	63.3	91.2	120.7	149.3	177.4	205.9	230.6	255.7
-65°	0.0	16.3	32.5	55.2	80.6	105.3	131.4	155.1	180.4	202.4	221.7
-67.5°	0.0	14.7	29.4	46.9	69.8	91.0	113.5	135.2	155.0	175.4	191.8
-70°	0.0	13.2	26.3	38.6	59.0	77.9	95.5	115.2	133.1	148.6	163.9
-72.5°	0.0	11.6	23.1	33.2	48.1	64.6	79.7	95.2	111.2	125.1	136.9
-75°	0.0	10.0	19.9	28.5	37.0	51.3	64.3	77.1	89.3	101.8	112.3
-77.5°	0.0	8.3	16.6	23.8	30.1	37.8	48.7	59.6	69.8	79.0	87.8
-80°	0.0	6.7	13.4	19.1	24.1	28.5	33.1	42.1	50.4	58.0	64.9
-82.5°	0.0	5.0	10.0	14.3	18.1	21.4	24.2	27.3	31.0	36.9	42.3
-85°	0.0	3.4	6.7	9.6	12.1	14.3	16.1	18.2	20.2	22.1	23.7
-87.5°	0.0	1.7	3.4	4.8	6.0	7.1	8.0	9.1	10.1	11.0	11.9
-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: P558846 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-927-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°	12.8	13.7	14.5	15.3	16.0	16.7	17.3	17.8	18.6	19.3	20.0
85°	25.6	27.4	30.3	32.8	35.0	36.9	38.6	39.9	41.3	42.5	43.4
82.5°	47.1	51.1	54.3	56.6	59.3	61.7	63.7	65.5	67.3	69.1	70.5
80°	70.5	74.9	79.6	83.6	87.5	90.5	92.4	93.1	95.5	98.5	101.6
77.5°	95.5	102.3	108.3	113.5	117.7	121.4	124.1	125.7	129.4	133.7	137.5
75°	121.5	129.8	138.1	145.4	151.2	155.4	158.5	161.1	165.5	171.2	176.1
72.5°	148.6	159.8	169.6	178.1	185.8	191.7	196.1	199.0	203.5	210.1	215.5
70°	177.1	189.9	203.2	214.1	222.4	229.3	235.1	239.1	243.1	249.9	254.9
67.5°	206.6	224.8	239.6	251.2	260.4	268.9	275.4	279.7	281.5	288.3	293.9
65°	241.3	260.9	277.3	290.3	299.5	310.0	317.3	320.9	322.0	329.5	336.5
62.5°	276.8	298.4	316.4	331.3	343.2	353.2	361.4	366.0	366.8	372.3	380.3
60°	314.6	336.7	358.2	376.1	388.8	399.1	408.0	412.9	413.9	416.1	425.3
57.5°	354.0	377.9	402.9	423.1	437.9	446.5	456.2	461.5	463.7	462.3	471.8
55°	396.8	421.7	449.9	473.4	489.3	497.1	506.1	513.8	516.4	514.7	520.3
52.5°	445.4	470.1	500.3	526.1	543.8	553.1	559.5	568.8	573.0	571.1	570.0
50°	496.4	527.5	552.5	581.9	603.4	615.6	615.8	627.3	632.9	631.1	623.5
47.5°	554.2	589.3	608.2	641.9	669.7	684.2	685.2	689.8	696.6	698.4	691.9
45°	616.7	659.5	679.7	709.8	741.1	758.7	764.1	755.8	768.1	771.9	767.7
42.5°	682.4	737.0	769.0	781.2	817.6	842.1	851.5	845.7	845.1	853.7	853.5
40°	758.3	821.0	869.1	881.8	900.2	934.0	954.0	952.9	930.5	946.5	950.7
37.5°	839.5	921.0	980.4	1006.9	993.0	1038.0	1067.3	1079.2	1065.3	1049.6	1067.4
35°	924.9	1027.9	1108.0	1153.1	1155.1	1154.0	1199.9	1224.6	1226.3	1197.5	1204.0
32.5°	1020.5	1141.4	1247.5	1320.4	1353.5	1333.0	1345.0	1396.7	1422.1	1411.1	1369.7
30°	1123.1	1271.6	1401.6	1504.5	1578.4	1600.2	1550.9	1591.3	1647.4	1669.8	1651.8
27.5°	1227.0	1409.6	1574.6	1717.1	1831.7	1904.4	1906.1	1843.8	1907.4	1961.4	1982.3
25°	1332.5	1547.7	1758.0	1951.2	2124.6	2249.5	2306.9	2313.6	2224.6	2305.5	2380.9
22.5°	1444.8	1689.8	1939.4	2200.4	2442.1	2625.4	2764.7	2848.6	2845.9	2761.0	2827.2
20°	1563.8	1844.5	2135.1	2444.8	2774.4	3026.3	3259.8	3438.3	3545.8	3581.5	3511.9
17.5°	1682.5	2000.6	2340.6	2709.4	3090.8	3440.1	3790.0	4074.8	4300.5	4485.8	4552.1
15°	1799.7	2156.3	2546.8	2975.9	3416.5	3853.8	4303.6	4739.9	5124.0	5463.1	5664.1
12.5°	1914.3	2309.9	2751.5	3241.0	3746.8	4273.2	4809.9	5341.4	5894.8	6444.0	6861.3
10°	2024.7	2459.4	2951.9	3501.6	4076.8	4692.4	5315.3	5946.1	6618.3	7266.0	7889.6
7.5°	2071.9	2557.2	3124.6	3754.1	4401.3	5105.2	5813.0	6545.4	7330.8	8086.6	8848.0
5°	2101.1	2596.0	3173.1	3828.9	4548.9	5374.6	6219.2	7126.3	8022.5	8892.8	9790.0
2.5°	2120.5	2622.5	3205.5	3858.5	4570.9	5418.8	6274.0	7216.0	8221.5	9227.7	10295.9
0°	2130.0	2636.6	3221.7	3867.5	4568.1	5433.1	6295.2	7266.9	8286.0	9309.5	10402.7
-2.5°	2120.5	2622.5	3205.5	3858.5	4570.9	5418.8	6274.0	7216.0	8221.5	9227.7	10295.9
-5°	2101.1	2596.0	3173.1	3828.9	4548.9	5374.6	6219.2	7126.3	8022.5	8892.8	9790.0
-7.5°	2071.9	2557.2	3124.6	3754.1	4401.3	5105.2	5813.0	6545.4	7330.8	8086.6	8848.0
-10°	2024.7	2459.4	2951.9	3501.6	4076.8	4692.4	5315.3	5946.1	6618.3	7266.0	7889.6
-12.5°	1914.3	2309.9	2751.5	3241.0	3746.8	4273.2	4809.9	5341.4	5894.8	6444.0	6861.3
-15°	1799.7	2156.3	2546.8	2975.9	3416.5	3853.8	4303.6	4739.9	5124.0	5463.1	5664.1
-17.5°	1682.5	2000.6	2340.6	2709.4	3090.8	3440.1	3790.0	4074.8	4300.5	4485.8	4552.1
-20°	1563.8	1844.5	2135.1	2444.8	2774.4	3026.3	3259.8	3438.3	3545.8	3581.5	3511.9



REPORT NUMBER: P558846 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-927-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°	1444.8	1689.8	1939.4	2200.4	2442.1	2625.4	2764.7	2848.6	2845.9	2761.0	2827.2
-25°	1332.5	1547.7	1758.0	1951.2	2124.6	2249.5	2306.9	2313.6	2224.6	2305.5	2380.9
-27.5°	1227.0	1409.6	1574.6	1717.1	1831.7	1904.4	1906.1	1843.8	1907.4	1961.4	1982.3
-30°	1123.1	1271.6	1401.6	1504.5	1578.4	1600.2	1550.9	1591.3	1647.4	1669.8	1651.8
-32.5°	1020.5	1141.4	1247.5	1320.4	1353.5	1333.0	1345.0	1396.7	1422.1	1411.1	1369.7
-35°	924.9	1027.9	1108.0	1153.1	1155.1	1154.0	1199.9	1224.6	1226.3	1197.5	1204.0
-37.5°	839.5	921.0	980.4	1006.9	993.0	1038.0	1067.3	1079.2	1065.3	1049.6	1067.4
-40°	758.3	821.0	869.1	881.8	900.2	934.0	954.0	952.9	930.5	946.5	950.7
-42.5°	682.4	737.0	769.0	781.2	817.6	842.1	851.5	845.7	845.1	853.7	853.5
-45°	616.7	659.5	679.7	709.8	741.1	758.7	764.1	755.8	768.1	771.9	767.7
-47.5°	554.2	589.3	608.2	641.9	669.7	684.2	685.2	689.8	696.6	698.4	691.9
-50°	496.4	527.5	552.5	581.9	603.4	615.6	615.8	627.3	632.9	631.1	623.5
-52.5°	445.4	470.1	500.3	526.1	543.8	553.1	559.5	568.8	573.0	571.1	570.0
-55°	396.8	421.7	449.9	473.4	489.3	497.1	506.1	513.8	516.4	514.7	520.3
-57.5°	354.0	377.9	402.9	423.1	437.9	446.5	456.2	461.5	463.7	462.3	471.8
-60°	314.6	336.7	358.2	376.1	388.8	399.1	408.0	412.9	413.9	416.1	425.3
-62.5°	276.8	298.4	316.4	331.3	343.2	353.2	361.4	366.0	366.8	372.3	380.3
-65°	241.3	260.9	277.3	290.3	299.5	310.0	317.3	320.9	322.0	329.5	336.5
-67.5°	206.6	224.8	239.6	251.2	260.4	268.9	275.4	279.7	281.5	288.3	293.9
-70°	177.1	189.9	203.2	214.1	222.4	229.3	235.1	239.1	243.1	249.9	254.9
-72.5°	148.6	159.8	169.6	178.1	185.8	191.7	196.1	199.0	203.5	210.1	215.5
-75°	121.5	129.8	138.1	145.4	151.2	155.4	158.5	161.1	165.5	171.2	176.1
-77.5°	95.5	102.3	108.3	113.5	117.7	121.4	124.1	125.7	129.4	133.7	137.5
-80°	70.5	74.9	79.6	83.6	87.5	90.5	92.4	93.1	95.5	98.5	101.6
-82.5°	47.1	51.1	54.3	56.6	59.3	61.7	63.7	65.5	67.3	69.1	70.5
-85°	25.6	27.4	30.3	32.8	35.0	36.9	38.6	39.9	41.3	42.5	43.4
-87.5°	12.8	13.7	14.5	15.3	16.0	16.7	17.3	17.8	18.6	19.3	20.0
-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: P558846 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-927-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°	20.6	20.3	19.9	19.4	18.8	18.8	18.8	18.7	18.6	18.5	18.3
85°	44.1	44.9	45.7	46.5	47.2	48.0	48.6	49.2	49.6	49.6	49.4
82.5°	71.8	74.2	76.6	78.8	80.9	82.1	82.9	83.5	83.8	84.5	85.0
80°	104.2	107.7	111.0	113.7	115.9	117.5	118.9	119.9	120.7	121.6	122.1
77.5°	141.0	144.9	148.7	152.0	154.8	157.5	159.7	161.5	162.8	164.9	166.8
75°	180.1	184.6	189.2	193.4	197.1	201.0	204.8	208.3	211.5	214.1	216.1
72.5°	219.6	224.3	230.1	235.4	240.3	245.5	250.7	255.3	259.2	262.9	266.2
70°	258.7	263.1	270.4	277.5	284.1	290.4	296.6	302.2	307.2	311.9	316.3
67.5°	299.0	303.6	312.7	320.9	328.3	335.2	342.4	348.9	354.5	359.6	364.0
65°	342.0	346.0	355.9	364.9	372.7	379.2	387.0	394.1	400.4	405.9	410.6
62.5°	386.4	390.5	398.7	407.6	414.9	421.2	430.4	438.3	445.1	450.7	455.4
60°	431.6	435.1	441.4	451.2	459.4	466.2	474.3	482.1	488.6	494.2	499.2
57.5°	478.5	482.0	485.0	494.8	502.8	509.0	516.1	523.7	530.0	535.2	540.3
55°	526.9	529.6	528.7	537.7	545.2	550.3	555.5	563.5	569.8	574.5	579.2
52.5°	576.4	579.7	577.4	581.2	589.4	593.9	596.2	604.9	611.3	615.5	619.8
50°	631.5	634.1	632.1	629.9	637.9	642.6	643.9	650.9	656.8	660.0	663.0
47.5°	691.3	694.5	692.9	684.3	691.3	697.3	697.5	700.4	706.5	709.0	710.8
45°	756.3	762.5	761.2	755.2	754.2	760.3	759.7	757.3	764.3	767.5	768.5
42.5°	841.6	839.6	841.5	838.1	827.3	834.2	835.1	826.3	835.1	838.9	836.7
40°	946.0	926.9	937.5	935.9	925.9	924.4	929.8	922.7	924.0	929.4	925.3
37.5°	1070.2	1056.7	1050.9	1055.7	1052.7	1039.9	1050.1	1047.6	1039.5	1048.6	1044.6
35°	1223.2	1219.1	1188.4	1207.1	1211.0	1198.8	1202.3	1207.6	1190.0	1203.9	1202.4
32.5°	1402.1	1411.1	1404.5	1393.0	1410.5	1412.7	1392.4	1416.7	1406.9	1410.4	1420.0
30°	1604.5	1651.0	1673.7	1653.5	1664.3	1685.9	1676.0	1692.9	1701.0	1688.3	1712.2
27.5°	1958.4	1941.9	1996.1	2019.7	1994.4	2033.9	2062.5	2049.8	2091.7	2066.9	2102.3
25°	2408.0	2383.8	2398.3	2476.2	2493.5	2473.5	2554.2	2563.8	2597.0	2601.0	2625.7
22.5°	2936.3	2994.7	2987.9	3011.7	3109.5	3142.3	3172.1	3249.8	3232.1	3302.4	3314.6
20°	3526.9	3673.8	3775.1	3796.4	3838.2	3950.8	4002.4	4063.7	4104.8	4171.5	4227.8
17.5°	4526.1	4450.8	4649.4	4774.1	4839.7	4863.1	4998.7	5042.9	5144.8	5203.0	5260.7
15°	5809.0	5852.9	5763.3	5882.2	6083.1	6150.9	6072.9	6255.0	6306.2	6404.2	6421.5
12.5°	7180.2	7402.2	7511.1	7540.6	7435.7	7721.4	7835.9	7692.2	7855.1	7825.7	7959.9
10°	8488.6	9028.0	9350.9	9578.0	9716.0	9799.2	9881.8	10030.3	10032.9	10142.9	10078.6
7.5°	9562.8	10246.7	10900.0	11533.7	12040.6	12324.7	12547.9	12761.9	13047.4	13184.1	13273.1
5°	10613.8	11402.7	12184.4	12952.5	13648.2	14317.4	14973.4	15542.3	15843.8	16196.2	16510.3
2.5°	11293.5	12291.4	13289.7	14278.4	15082.2	15819.8	16502.4	17136.5	17692.7	18207.3	18641.8
0°	11426.2	12543.0	13584.3	14570.8	15475.9	16386.8	17182.2	17899.1	18505.0	19051.5	19420.4
-2.5°	11293.5	12291.4	13289.7	14278.4	15082.2	15819.8	16502.4	17136.5	17692.7	18207.3	18641.8
-5°	10613.8	11402.7	12184.4	12952.5	13648.2	14317.4	14973.4	15542.3	15843.8	16196.2	16510.3
-7.5°	9562.8	10246.7	10900.0	11533.7	12040.6	12324.7	12547.9	12761.9	13047.4	13184.1	13273.1
-10°	8488.6	9028.0	9350.9	9578.0	9716.0	9799.2	9881.8	10030.3	10032.9	10142.9	10078.6
-12.5°	7180.2	7402.2	7511.1	7540.6	7435.7	7721.4	7835.9	7692.2	7855.1	7825.7	7959.9
-15°	5809.0	5852.9	5763.3	5882.2	6083.1	6150.9	6072.9	6255.0	6306.2	6404.2	6421.5
-17.5°	4526.1	4450.8	4649.4	4774.1	4839.7	4863.1	4998.7	5042.9	5144.8	5203.0	5260.7
-20°	3526.9	3673.8	3775.1	3796.4	3838.2	3950.8	4002.4	4063.7	4104.8	4171.5	4227.8



REPORT NUMBER: P558846 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2936.3	2994.7	2987.9	3011.7	3109.5	3142.3	3172.1	3249.8	3232.1	3302.4	3314.6
-25°	2408.0	2383.8	2398.3	2476.2	2493.5	2473.5	2554.2	2563.8	2597.0	2601.0	2625.7
-27.5°	1958.4	1941.9	1996.1	2019.7	1994.4	2033.9	2062.5	2049.8	2091.7	2066.9	2102.3
-30°	1604.5	1651.0	1673.7	1653.5	1664.3	1685.9	1676.0	1692.9	1701.0	1688.3	1712.2
-32.5°	1402.1	1411.1	1404.5	1393.0	1410.5	1412.7	1392.4	1416.7	1406.9	1410.4	1420.0
-35°	1223.2	1219.1	1188.4	1207.1	1211.0	1198.8	1202.3	1207.6	1190.0	1203.9	1202.4
-37.5°	1070.2	1056.7	1050.9	1055.7	1052.7	1039.9	1050.1	1047.6	1039.5	1048.6	1044.6
-40°	946.0	926.9	937.5	935.9	925.9	924.4	929.8	922.7	924.0	929.4	925.3
-42.5°	841.6	839.6	841.5	838.1	827.3	834.2	835.1	826.3	835.1	838.9	836.7
-45°	756.3	762.5	761.2	755.2	754.2	760.3	759.7	757.3	764.3	767.5	768.5
-47.5°	691.3	694.5	692.9	684.3	691.3	697.3	697.5	700.4	706.5	709.0	710.8
-50°	631.5	634.1	632.1	629.9	637.9	642.6	643.9	650.9	656.8	660.0	663.0
-52.5°	576.4	579.7	577.4	581.2	589.4	593.9	596.2	604.9	611.3	615.5	619.8
-55°	526.9	529.6	528.7	537.7	545.2	550.3	555.5	563.5	569.8	574.5	579.2
-57.5°	478.5	482.0	485.0	494.8	502.8	509.0	516.1	523.7	530.0	535.2	540.3
-60°	431.6	435.1	441.4	451.2	459.4	466.2	474.3	482.1	488.6	494.2	499.2
-62.5°	386.4	390.5	398.7	407.6	414.9	421.2	430.4	438.3	445.1	450.7	455.4
-65°	342.0	346.0	355.9	364.9	372.7	379.2	387.0	394.1	400.4	405.9	410.6
-67.5°	299.0	303.6	312.7	320.9	328.3	335.2	342.4	348.9	354.5	359.6	364.0
-70°	258.7	263.1	270.4	277.5	284.1	290.4	296.6	302.2	307.2	311.9	316.3
-72.5°	219.6	224.3	230.1	235.4	240.3	245.5	250.7	255.3	259.2	262.9	266.2
-75°	180.1	184.6	189.2	193.4	197.1	201.0	204.8	208.3	211.5	214.1	216.1
-77.5°	141.0	144.9	148.7	152.0	154.8	157.5	159.7	161.5	162.8	164.9	166.8
-80°	104.2	107.7	111.0	113.7	115.9	117.5	118.9	119.9	120.7	121.6	122.1
-82.5°	71.8	74.2	76.6	78.8	80.9	82.1	82.9	83.5	83.8	84.5	85.0
-85°	44.1	44.9	45.7	46.5	47.2	48.0	48.6	49.2	49.6	49.6	49.4
-87.5°	20.6	20.3	19.9	19.4	18.8	18.8	18.8	18.7	18.6	18.5	18.3
-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: P558846 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	18.0	17.7	18.5	19.3	18.5	17.7	18.0	18.3	18.5	18.6	18.7
85°	49.1	48.7	49.6	50.4	49.6	48.7	49.1	49.4	49.6	49.6	49.2
82.5°	85.3	85.5	85.8	85.9	85.8	85.5	85.3	85.0	84.5	83.8	83.5
80°	122.4	122.4	122.1	121.5	122.1	122.4	122.4	122.1	121.6	120.7	119.9
77.5°	168.3	169.4	170.1	170.3	170.1	169.4	168.3	166.8	164.9	162.8	161.5
75°	217.4	218.1	218.2	217.7	218.2	218.1	217.4	216.1	214.1	211.5	208.3
72.5°	268.9	271.0	271.5	271.1	271.5	271.0	268.9	266.2	262.9	259.2	255.3
70°	319.8	322.7	322.6	321.4	322.6	322.7	319.8	316.3	311.9	307.2	302.2
67.5°	367.4	370.0	372.0	373.3	372.0	370.0	367.4	364.0	359.6	354.5	348.9
65°	414.4	417.2	418.7	419.2	418.7	417.2	414.4	410.6	405.9	400.4	394.1
62.5°	459.0	461.6	463.1	463.6	463.1	461.6	459.0	455.4	450.7	445.1	438.3
60°	503.1	505.9	506.3	505.1	506.3	505.9	503.1	499.2	494.2	488.6	482.1
57.5°	544.3	547.2	547.1	545.1	547.1	547.2	544.3	540.3	535.2	530.0	523.7
55°	582.6	584.6	585.4	585.1	585.4	584.6	582.6	579.2	574.5	569.8	563.5
52.5°	623.0	624.7	625.4	625.1	625.4	624.7	623.0	619.8	615.5	611.3	604.9
50°	665.2	665.4	665.3	665.1	665.3	665.4	665.2	663.0	660.0	656.8	650.9
47.5°	713.4	713.9	714.0	714.0	714.0	713.9	713.4	710.8	709.0	706.5	700.4
45°	770.4	768.8	767.2	767.3	767.2	768.8	770.4	768.5	767.5	764.3	757.3
42.5°	838.8	837.0	834.9	835.4	834.9	837.0	838.8	836.7	838.9	835.1	826.3
40°	928.9	928.4	925.4	924.3	925.4	928.4	928.9	925.3	929.4	924.0	922.7
37.5°	1045.3	1043.6	1036.8	1033.9	1036.8	1043.6	1045.3	1044.6	1048.6	1039.5	1047.6
35°	1198.3	1196.0	1185.7	1186.5	1185.7	1196.0	1198.3	1202.4	1203.9	1190.0	1207.6
32.5°	1415.2	1416.0	1400.3	1396.8	1400.3	1416.0	1415.2	1420.0	1410.4	1406.9	1416.7
30°	1697.4	1703.5	1685.2	1693.0	1685.2	1703.5	1697.4	1712.2	1688.3	1701.0	1692.9
27.5°	2101.7	2113.5	2097.3	2084.1	2097.3	2113.5	2101.7	2102.3	2066.9	2091.7	2049.8
25°	2658.2	2667.0	2648.4	2632.1	2648.4	2667.0	2658.2	2625.7	2601.0	2597.0	2563.8
22.5°	3382.6	3382.1	3381.1	3406.8	3381.1	3382.1	3382.6	3314.6	3302.4	3232.1	3249.8
20°	4264.2	4242.8	4274.9	4295.6	4274.9	4242.8	4264.2	4227.8	4171.5	4104.8	4063.7
17.5°	5274.1	5314.1	5344.9	5396.1	5344.9	5314.1	5274.1	5260.7	5203.0	5144.8	5042.9
15°	6465.0	6525.4	6556.1	6539.6	6556.1	6525.4	6465.0	6421.5	6404.2	6306.2	6255.0
12.5°	7964.6	8036.7	7983.5	7917.2	7983.5	8036.7	7964.6	7959.9	7825.7	7855.1	7692.2
10°	10079.7	10234.9	10243.6	10113.8	10243.6	10234.9	10079.7	10078.6	10142.9	10032.9	10030.3
7.5°	13324.7	13400.2	13514.8	13520.6	13514.8	13400.2	13324.7	13273.1	13184.1	13047.4	12761.9
5°	16652.7	16853.7	16983.3	17207.4	16983.3	16853.7	16652.7	16510.3	16196.2	15843.8	15542.3
2.5°	18922.5	19182.2	19282.0	19535.9	19282.0	19182.2	18922.5	18641.8	18207.3	17692.7	17136.5
0°	19749.2	19959.5	20085.4	20186.2	20085.4	19959.5	19749.2	19420.4	19051.5	18505.0	17899.1
-2.5°	18922.5	19182.2	19282.0	19535.9	19282.0	19182.2	18922.5	18641.8	18207.3	17692.7	17136.5
-5°	16652.7	16853.7	16983.3	17207.4	16983.3	16853.7	16652.7	16510.3	16196.2	15843.8	15542.3
-7.5°	13324.7	13400.2	13514.8	13520.6	13514.8	13400.2	13324.7	13273.1	13184.1	13047.4	12761.9
-10°	10079.7	10234.9	10243.6	10113.8	10243.6	10234.9	10079.7	10078.6	10142.9	10032.9	10030.3
-12.5°	7964.6	8036.7	7983.5	7917.2	7983.5	8036.7	7964.6	7959.9	7825.7	7855.1	7692.2
-15°	6465.0	6525.4	6556.1	6539.6	6556.1	6525.4	6465.0	6421.5	6404.2	6306.2	6255.0
-17.5°	5274.1	5314.1	5344.9	5396.1	5344.9	5314.1	5274.1	5260.7	5203.0	5144.8	5042.9
-20°	4264.2	4242.8	4274.9	4295.6	4274.9	4242.8	4264.2	4227.8	4171.5	4104.8	4063.7



REPORT NUMBER: P558846 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-927-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°	3382.6	3382.1	3381.1	3406.8	3381.1	3382.1	3382.6	3314.6	3302.4	3232.1	3249.8
-25°	2658.2	2667.0	2648.4	2632.1	2648.4	2667.0	2658.2	2625.7	2601.0	2597.0	2563.8
-27.5°	2101.7	2113.5	2097.3	2084.1	2097.3	2113.5	2101.7	2102.3	2066.9	2091.7	2049.8
-30°	1697.4	1703.5	1685.2	1693.0	1685.2	1703.5	1697.4	1712.2	1688.3	1701.0	1692.9
-32.5°	1415.2	1416.0	1400.3	1396.8	1400.3	1416.0	1415.2	1420.0	1410.4	1406.9	1416.7
-35°	1198.3	1196.0	1185.7	1186.5	1185.7	1196.0	1198.3	1202.4	1203.9	1190.0	1207.6
-37.5°	1045.3	1043.6	1036.8	1033.9	1036.8	1043.6	1045.3	1044.6	1048.6	1039.5	1047.6
-40°	928.9	928.4	925.4	924.3	925.4	928.4	928.9	925.3	929.4	924.0	922.7
-42.5°	838.8	837.0	834.9	835.4	834.9	837.0	838.8	836.7	838.9	835.1	826.3
-45°	770.4	768.8	767.2	767.3	767.2	768.8	770.4	768.5	767.5	764.3	757.3
-47.5°	713.4	713.9	714.0	714.0	714.0	713.9	713.4	710.8	709.0	706.5	700.4
-50°	665.2	665.4	665.3	665.1	665.3	665.4	665.2	663.0	660.0	656.8	650.9
-52.5°	623.0	624.7	625.4	625.1	625.4	624.7	623.0	619.8	615.5	611.3	604.9
-55°	582.6	584.6	585.4	585.1	585.4	584.6	582.6	579.2	574.5	569.8	563.5
-57.5°	544.3	547.2	547.1	545.1	547.1	547.2	544.3	540.3	535.2	530.0	523.7
-60°	503.1	505.9	506.3	505.1	506.3	505.9	503.1	499.2	494.2	488.6	482.1
-62.5°	459.0	461.6	463.1	463.6	463.1	461.6	459.0	455.4	450.7	445.1	438.3
-65°	414.4	417.2	418.7	419.2	418.7	417.2	414.4	410.6	405.9	400.4	394.1
-67.5°	367.4	370.0	372.0	373.3	372.0	370.0	367.4	364.0	359.6	354.5	348.9
-70°	319.8	322.7	322.6	321.4	322.6	322.7	319.8	316.3	311.9	307.2	302.2
-72.5°	268.9	271.0	271.5	271.1	271.5	271.0	268.9	266.2	262.9	259.2	255.3
-75°	217.4	218.1	218.2	217.7	218.2	218.1	217.4	216.1	214.1	211.5	208.3
-77.5°	168.3	169.4	170.1	170.3	170.1	169.4	168.3	166.8	164.9	162.8	161.5
-80°	122.4	122.4	122.1	121.5	122.1	122.4	122.4	122.1	121.6	120.7	119.9
-82.5°	85.3	85.5	85.8	85.9	85.8	85.5	85.3	85.0	84.5	83.8	83.5
-85°	49.1	48.7	49.6	50.4	49.6	48.7	49.1	49.4	49.6	49.6	49.2
-87.5°	18.0	17.7	18.5	19.3	18.5	17.7	18.0	18.3	18.5	18.6	18.7
-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: P558846 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-927-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°	18.8	18.8	18.8	19.4	19.9	20.3	20.6	20.0	19.3	18.6	17.8
85°	48.6	48.0	47.2	46.5	45.7	44.9	44.1	43.4	42.5	41.3	39.9
82.5°	82.9	82.1	80.9	78.8	76.6	74.2	71.8	70.5	69.1	67.3	65.5
80°	118.9	117.5	115.9	113.7	111.0	107.7	104.2	101.6	98.5	95.5	93.1
77.5°	159.7	157.5	154.8	152.0	148.7	144.9	141.0	137.5	133.7	129.4	125.7
75°	204.8	201.0	197.1	193.4	189.2	184.6	180.1	176.1	171.2	165.5	161.1
72.5°	250.7	245.5	240.3	235.4	230.1	224.3	219.6	215.5	210.1	203.5	199.0
70°	296.6	290.4	284.1	277.5	270.4	263.1	258.7	254.9	249.9	243.1	239.1
67.5°	342.4	335.2	328.3	320.9	312.7	303.6	299.0	293.9	288.3	281.5	279.7
65°	387.0	379.2	372.7	364.9	355.9	346.0	342.0	336.5	329.5	322.0	320.9
62.5°	430.4	421.2	414.9	407.6	398.7	390.5	386.4	380.3	372.3	366.8	366.0
60°	474.3	466.2	459.4	451.2	441.4	435.1	431.6	425.3	416.1	413.9	412.9
57.5°	516.1	509.0	502.8	494.8	485.0	482.0	478.5	471.8	462.3	463.7	461.5
55°	555.5	550.3	545.2	537.7	528.7	529.6	526.9	520.3	514.7	516.4	513.8
52.5°	596.2	593.9	589.4	581.2	577.4	579.7	576.4	570.0	571.1	573.0	568.8
50°	643.9	642.6	637.9	629.9	632.1	634.1	631.5	623.5	631.1	632.9	627.3
47.5°	697.5	697.3	691.3	684.3	692.9	694.5	691.3	691.9	698.4	696.6	689.8
45°	759.7	760.3	754.2	755.2	761.2	762.5	756.3	767.7	771.9	768.1	755.8
42.5°	835.1	834.2	827.3	838.1	841.5	839.6	841.6	853.5	853.7	845.1	845.7
40°	929.8	924.4	925.9	935.9	937.5	926.9	946.0	950.7	946.5	930.5	952.9
37.5°	1050.1	1039.9	1052.7	1055.7	1050.9	1056.7	1070.2	1067.4	1049.6	1065.3	1079.2
35°	1202.3	1198.8	1211.0	1207.1	1188.4	1219.1	1223.2	1204.0	1197.5	1226.3	1224.6
32.5°	1392.4	1412.7	1410.5	1393.0	1404.5	1411.1	1402.1	1369.7	1411.1	1422.1	1396.7
30°	1676.0	1685.9	1664.3	1653.5	1673.7	1651.0	1604.5	1651.8	1669.8	1647.4	1591.3
27.5°	2062.5	2033.9	1994.4	2019.7	1996.1	1941.9	1958.4	1982.3	1961.4	1907.4	1843.8
25°	2554.2	2473.5	2493.5	2476.2	2398.3	2383.8	2408.0	2380.9	2305.5	2224.6	2313.6
22.5°	3172.1	3142.3	3109.5	3011.7	2987.9	2994.7	2936.3	2827.2	2761.0	2845.9	2848.6
20°	4002.4	3950.8	3838.2	3796.4	3775.1	3673.8	3526.9	3511.9	3581.5	3545.8	3438.3
17.5°	4998.7	4863.1	4839.7	4774.1	4649.4	4450.8	4526.1	4552.1	4485.8	4300.5	4074.8
15°	6072.9	6150.9	6083.1	5882.2	5763.3	5852.9	5809.0	5664.1	5463.1	5124.0	4739.9
12.5°	7835.9	7721.4	7435.7	7540.6	7511.1	7402.2	7180.2	6861.3	6444.0	5894.8	5341.4
10°	9881.8	9799.2	9716.0	9578.0	9350.9	9028.0	8488.6	7889.6	7266.0	6618.3	5946.1
7.5°	12547.9	12324.7	12040.6	11533.7	10900.0	10246.7	9562.8	8848.0	8086.6	7330.8	6545.4
5°	14973.4	14317.4	13648.2	12952.5	12184.4	11402.7	10613.8	9790.0	8892.8	8022.5	7126.3
2.5°	16502.4	15819.8	15082.2	14278.4	13289.7	12291.4	11293.5	10295.9	9227.7	8221.5	7216.0
0°	17182.2	16386.8	15475.9	14570.8	13584.3	12543.0	11426.2	10402.7	9309.5	8286.0	7266.9
-2.5°	16502.4	15819.8	15082.2	14278.4	13289.7	12291.4	11293.5	10295.9	9227.7	8221.5	7216.0
-5°	14973.4	14317.4	13648.2	12952.5	12184.4	11402.7	10613.8	9790.0	8892.8	8022.5	7126.3
-7.5°	12547.9	12324.7	12040.6	11533.7	10900.0	10246.7	9562.8	8848.0	8086.6	7330.8	6545.4
-10°	9881.8	9799.2	9716.0	9578.0	9350.9	9028.0	8488.6	7889.6	7266.0	6618.3	5946.1
-12.5°	7835.9	7721.4	7435.7	7540.6	7511.1	7402.2	7180.2	6861.3	6444.0	5894.8	5341.4
-15°	6072.9	6150.9	6083.1	5882.2	5763.3	5852.9	5809.0	5664.1	5463.1	5124.0	4739.9
-17.5°	4998.7	4863.1	4839.7	4774.1	4649.4	4450.8	4526.1	4552.1	4485.8	4300.5	4074.8
-20°	4002.4	3950.8	3838.2	3796.4	3775.1	3673.8	3526.9	3511.9	3581.5	3545.8	3438.3



REPORT NUMBER: P558846 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-927-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3172.1	3142.3	3109.5	3011.7	2987.9	2994.7	2936.3	2827.2	2761.0	2845.9	2848.6
-25°	2554.2	2473.5	2493.5	2476.2	2398.3	2383.8	2408.0	2380.9	2305.5	2224.6	2313.6
-27.5°	2062.5	2033.9	1994.4	2019.7	1996.1	1941.9	1958.4	1982.3	1961.4	1907.4	1843.8
-30°	1676.0	1685.9	1664.3	1653.5	1673.7	1651.0	1604.5	1651.8	1669.8	1647.4	1591.3
-32.5°	1392.4	1412.7	1410.5	1393.0	1404.5	1411.1	1402.1	1369.7	1411.1	1422.1	1396.7
-35°	1202.3	1198.8	1211.0	1207.1	1188.4	1219.1	1223.2	1204.0	1197.5	1226.3	1224.6
-37.5°	1050.1	1039.9	1052.7	1055.7	1050.9	1056.7	1070.2	1067.4	1049.6	1065.3	1079.2
-40°	929.8	924.4	925.9	935.9	937.5	926.9	946.0	950.7	946.5	930.5	952.9
-42.5°	835.1	834.2	827.3	838.1	841.5	839.6	841.6	853.5	853.7	845.1	845.7
-45°	759.7	760.3	754.2	755.2	761.2	762.5	756.3	767.7	771.9	768.1	755.8
-47.5°	697.5	697.3	691.3	684.3	692.9	694.5	691.3	691.9	698.4	696.6	689.8
-50°	643.9	642.6	637.9	629.9	632.1	634.1	631.5	623.5	631.1	632.9	627.3
-52.5°	596.2	593.9	589.4	581.2	577.4	579.7	576.4	570.0	571.1	573.0	568.8
-55°	555.5	550.3	545.2	537.7	528.7	529.6	526.9	520.3	514.7	516.4	513.8
-57.5°	516.1	509.0	502.8	494.8	485.0	482.0	478.5	471.8	462.3	463.7	461.5
-60°	474.3	466.2	459.4	451.2	441.4	435.1	431.6	425.3	416.1	413.9	412.9
-62.5°	430.4	421.2	414.9	407.6	398.7	390.5	386.4	380.3	372.3	366.8	366.0
-65°	387.0	379.2	372.7	364.9	355.9	346.0	342.0	336.5	329.5	322.0	320.9
-67.5°	342.4	335.2	328.3	320.9	312.7	303.6	299.0	293.9	288.3	281.5	279.7
-70°	296.6	290.4	284.1	277.5	270.4	263.1	258.7	254.9	249.9	243.1	239.1
-72.5°	250.7	245.5	240.3	235.4	230.1	224.3	219.6	215.5	210.1	203.5	199.0
-75°	204.8	201.0	197.1	193.4	189.2	184.6	180.1	176.1	171.2	165.5	161.1
-77.5°	159.7	157.5	154.8	152.0	148.7	144.9	141.0	137.5	133.7	129.4	125.7
-80°	118.9	117.5	115.9	113.7	111.0	107.7	104.2	101.6	98.5	95.5	93.1
-82.5°	82.9	82.1	80.9	78.8	76.6	74.2	71.8	70.5	69.1	67.3	65.5
-85°	48.6	48.0	47.2	46.5	45.7	44.9	44.1	43.4	42.5	41.3	39.9
-87.5°	18.8	18.8	18.8	19.4	19.9	20.3	20.6	20.0	19.3	18.6	17.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558846 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-927-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°	17.3	16.7	16.0	15.3	14.5	13.7	12.8	11.9	11.0	10.1	9.1
85°	38.6	36.9	35.0	32.8	30.3	27.4	25.6	23.7	22.1	20.2	18.2
82.5°	63.7	61.7	59.3	56.6	54.3	51.1	47.1	42.3	36.9	31.0	27.3
80°	92.4	90.5	87.5	83.6	79.6	74.9	70.5	64.9	58.0	50.4	42.1
77.5°	124.1	121.4	117.7	113.5	108.3	102.3	95.5	87.8	79.0	69.8	59.6
75°	158.5	155.4	151.2	145.4	138.1	129.8	121.5	112.3	101.8	89.3	77.1
72.5°	196.1	191.7	185.8	178.1	169.6	159.8	148.6	136.9	125.1	111.2	95.2
70°	235.1	229.3	222.4	214.1	203.2	189.9	177.1	163.9	148.6	133.1	115.2
67.5°	275.4	268.9	260.4	251.2	239.6	224.8	206.6	191.8	175.4	155.0	135.2
65°	317.3	310.0	299.5	290.3	277.3	260.9	241.3	221.7	202.4	180.4	155.1
62.5°	361.4	353.2	343.2	331.3	316.4	298.4	276.8	255.7	230.6	205.9	177.4
60°	408.0	399.1	388.8	376.1	358.2	336.7	314.6	290.0	262.6	231.4	200.8
57.5°	456.2	446.5	437.9	423.1	402.9	377.9	354.0	327.1	294.6	260.0	224.1
55°	506.1	497.1	489.3	473.4	449.9	421.7	396.8	366.3	327.9	289.3	247.3
52.5°	559.5	553.1	543.8	526.1	500.3	470.1	445.4	406.6	365.6	318.5	273.3
50°	615.8	615.6	603.4	581.9	552.5	527.5	496.4	454.4	403.9	349.4	299.8
47.5°	685.2	684.2	669.7	641.9	608.2	589.3	554.2	504.7	442.9	384.7	326.4
45°	764.1	758.7	741.1	709.8	679.7	659.5	616.7	556.8	490.4	420.8	353.0
42.5°	851.5	842.1	817.6	781.2	769.0	737.0	682.4	616.2	539.0	456.9	382.5
40°	954.0	934.0	900.2	881.8	869.1	821.0	758.3	678.6	588.6	495.5	413.8
37.5°	1067.3	1038.0	993.0	1006.9	980.4	921.0	839.5	743.2	640.6	539.2	444.7
35°	1199.9	1154.0	1155.1	1153.1	1108.0	1027.9	924.9	813.0	698.1	582.8	475.1
32.5°	1345.0	1333.0	1353.5	1320.4	1247.5	1141.4	1020.5	889.9	756.4	626.0	505.0
30°	1550.9	1600.2	1578.4	1504.5	1401.6	1271.6	1123.1	968.5	815.3	668.8	535.8
27.5°	1906.1	1904.4	1831.7	1717.1	1574.6	1409.6	1227.0	1048.5	874.3	713.6	570.6
25°	2306.9	2249.5	2124.6	1951.2	1758.0	1547.7	1332.5	1129.8	938.6	761.8	604.5
22.5°	2764.7	2625.4	2442.1	2200.4	1939.4	1689.8	1444.8	1218.6	1005.0	809.2	637.1
20°	3259.8	3026.3	2774.4	2444.8	2135.1	1844.5	1563.8	1306.7	1070.5	855.3	668.4
17.5°	3790.0	3440.1	3090.8	2709.4	2340.6	2000.6	1682.5	1393.3	1134.6	899.9	698.2
15°	4303.6	3853.8	3416.5	2975.9	2546.8	2156.3	1799.7	1477.7	1196.6	942.6	721.6
12.5°	4809.9	4273.2	3746.8	3241.0	2751.5	2309.9	1914.3	1559.2	1256.1	973.2	736.9
10°	5315.3	4692.4	4076.8	3501.6	2951.9	2459.4	2024.7	1622.7	1284.1	992.7	749.5
7.5°	5813.0	5105.2	4401.3	3754.1	3124.6	2557.2	2071.9	1651.5	1302.6	1008.5	759.5
5°	6219.2	5374.6	4548.9	3828.9	3173.1	2596.0	2101.1	1673.8	1315.3	1020.5	766.8
2.5°	6274.0	5418.8	4570.9	3858.5	3205.5	2622.5	2120.5	1689.3	1322.5	1028.5	771.4
0°	6295.2	5433.1	4568.1	3867.5	3221.7	2636.6	2130.0	1697.5	1324.2	1032.4	773.2
-2.5°	6274.0	5418.8	4570.9	3858.5	3205.5	2622.5	2120.5	1689.3	1322.5	1028.5	771.4
-5°	6219.2	5374.6	4548.9	3828.9	3173.1	2596.0	2101.1	1673.8	1315.3	1020.5	766.8
-7.5°	5813.0	5105.2	4401.3	3754.1	3124.6	2557.2	2071.9	1651.5	1302.6	1008.5	759.5
-10°	5315.3	4692.4	4076.8	3501.6	2951.9	2459.4	2024.7	1622.7	1284.1	992.7	749.5
-12.5°	4809.9	4273.2	3746.8	3241.0	2751.5	2309.9	1914.3	1559.2	1256.1	973.2	736.9
-15°	4303.6	3853.8	3416.5	2975.9	2546.8	2156.3	1799.7	1477.7	1196.6	942.6	721.6
-17.5°	3790.0	3440.1	3090.8	2709.4	2340.6	2000.6	1682.5	1393.3	1134.6	899.9	698.2
-20°	3259.8	3026.3	2774.4	2444.8	2135.1	1844.5	1563.8	1306.7	1070.5	855.3	668.4



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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°	2764.7	2625.4	2442.1	2200.4	1939.4	1689.8	1444.8	1218.6	1005.0	809.2	637.1
-25°	2306.9	2249.5	2124.6	1951.2	1758.0	1547.7	1332.5	1129.8	938.6	761.8	604.5
-27.5°	1906.1	1904.4	1831.7	1717.1	1574.6	1409.6	1227.0	1048.5	874.3	713.6	570.6
-30°	1550.9	1600.2	1578.4	1504.5	1401.6	1271.6	1123.1	968.5	815.3	668.8	535.8
-32.5°	1345.0	1333.0	1353.5	1320.4	1247.5	1141.4	1020.5	889.9	756.4	626.0	505.0
-35°	1199.9	1154.0	1155.1	1153.1	1108.0	1027.9	924.9	813.0	698.1	582.8	475.1
-37.5°	1067.3	1038.0	993.0	1006.9	980.4	921.0	839.5	743.2	640.6	539.2	444.7
-40°	954.0	934.0	900.2	881.8	869.1	821.0	758.3	678.6	588.6	495.5	413.8
-42.5°	851.5	842.1	817.6	781.2	769.0	737.0	682.4	616.2	539.0	456.9	382.5
-45°	764.1	758.7	741.1	709.8	679.7	659.5	616.7	556.8	490.4	420.8	353.0
-47.5°	685.2	684.2	669.7	641.9	608.2	589.3	554.2	504.7	442.9	384.7	326.4
-50°	615.8	615.6	603.4	581.9	552.5	527.5	496.4	454.4	403.9	349.4	299.8
-52.5°	559.5	553.1	543.8	526.1	500.3	470.1	445.4	406.6	365.6	318.5	273.3
-55°	506.1	497.1	489.3	473.4	449.9	421.7	396.8	366.3	327.9	289.3	247.3
-57.5°	456.2	446.5	437.9	423.1	402.9	377.9	354.0	327.1	294.6	260.0	224.1
-60°	408.0	399.1	388.8	376.1	358.2	336.7	314.6	290.0	262.6	231.4	200.8
-62.5°	361.4	353.2	343.2	331.3	316.4	298.4	276.8	255.7	230.6	205.9	177.4
-65°	317.3	310.0	299.5	290.3	277.3	260.9	241.3	221.7	202.4	180.4	155.1
-67.5°	275.4	268.9	260.4	251.2	239.6	224.8	206.6	191.8	175.4	155.0	135.2
-70°	235.1	229.3	222.4	214.1	203.2	189.9	177.1	163.9	148.6	133.1	115.2
-72.5°	196.1	191.7	185.8	178.1	169.6	159.8	148.6	136.9	125.1	111.2	95.2
-75°	158.5	155.4	151.2	145.4	138.1	129.8	121.5	112.3	101.8	89.3	77.1
-77.5°	124.1	121.4	117.7	113.5	108.3	102.3	95.5	87.8	79.0	69.8	59.6
-80°	92.4	90.5	87.5	83.6	79.6	74.9	70.5	64.9	58.0	50.4	42.1
-82.5°	63.7	61.7	59.3	56.6	54.3	51.1	47.1	42.3	36.9	31.0	27.3
-85°	38.6	36.9	35.0	32.8	30.3	27.4	25.6	23.7	22.1	20.2	18.2
-87.5°	17.3	16.7	16.0	15.3	14.5	13.7	12.8	11.9	11.0	10.1	9.1
-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°	8.0	7.1	6.0	4.8	3.4	1.7	0.0
85°	16.1	14.3	12.1	9.6	6.7	3.4	0.0
82.5°	24.2	21.4	18.1	14.3	10.0	5.0	0.0
80°	33.1	28.5	24.1	19.1	13.4	6.7	0.0
77.5°	48.7	37.8	30.1	23.8	16.6	8.3	0.0
75°	64.3	51.3	37.0	28.5	19.9	10.0	0.0
72.5°	79.7	64.6	48.1	33.2	23.1	11.6	0.0
70°	95.5	77.9	59.0	38.6	26.3	13.2	0.0
67.5°	113.5	91.0	69.8	46.9	29.4	14.7	0.0
65°	131.4	105.3	80.6	55.2	32.5	16.3	0.0
62.5°	149.3	120.7	91.2	63.3	35.5	17.8	0.0
60°	167.0	136.0	101.6	71.3	38.5	19.2	0.0
57.5°	187.2	151.1	113.9	79.1	43.7	20.7	0.0
55°	207.4	166.0	126.1	86.8	48.8	22.1	0.0
52.5°	227.3	181.1	138.1	94.4	53.8	23.4	0.0
50°	247.0	197.6	149.9	101.7	58.6	24.7	0.0
47.5°	266.9	213.8	161.4	109.2	63.3	26.0	0.0
45°	289.9	229.6	172.6	117.7	67.8	27.2	0.0
42.5°	312.7	245.1	183.6	125.9	72.2	28.4	0.0
40°	335.3	260.1	194.9	133.6	76.3	29.5	0.0
37.5°	357.7	274.6	206.4	140.7	80.3	30.5	0.0
35°	379.7	291.1	217.4	147.4	84.1	31.5	0.0
32.5°	402.2	308.4	228.0	153.6	87.7	32.5	0.0
30°	426.3	325.1	238.1	159.3	91.1	33.3	0.0
27.5°	449.6	341.2	246.5	164.6	94.2	34.1	0.0
25°	471.9	356.6	254.3	169.4	97.1	34.9	0.0
22.5°	493.3	370.4	261.4	173.8	99.8	35.6	0.0
20°	513.7	380.9	268.0	177.6	102.3	36.2	0.0
17.5°	529.0	390.1	274.0	181.0	104.5	36.7	0.0
15°	540.4	398.1	279.3	183.9	106.5	37.2	0.0
12.5°	550.2	404.7	283.9	186.3	108.1	37.6	0.0
10°	558.2	410.1	287.9	188.2	109.6	37.9	0.0
7.5°	564.6	414.2	291.1	189.6	110.8	38.2	0.0
5°	569.2	417.1	293.6	190.6	111.6	38.4	0.0
2.5°	572.1	418.8	295.3	191.1	112.3	38.5	0.0
0°	573.2	419.2	296.2	191.1	112.6	38.5	0.0
-2.5°	572.1	418.8	295.3	191.1	112.3	38.5	0.0
-5°	569.2	417.1	293.6	190.6	111.6	38.4	0.0
-7.5°	564.6	414.2	291.1	189.6	110.8	38.2	0.0
-10°	558.2	410.1	287.9	188.2	109.6	37.9	0.0
-12.5°	550.2	404.7	283.9	186.3	108.1	37.6	0.0
-15°	540.4	398.1	279.3	183.9	106.5	37.2	0.0
-17.5°	529.0	390.1	274.0	181.0	104.5	36.7	0.0
-20°	513.7	380.9	268.0	177.6	102.3	36.2	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	493.3	370.4	261.4	173.8	99.8	35.6	0.0
-25°	471.9	356.6	254.3	169.4	97.1	34.9	0.0
-27.5°	449.6	341.2	246.5	164.6	94.2	34.1	0.0
-30°	426.3	325.1	238.1	159.3	91.1	33.3	0.0
-32.5°	402.2	308.4	228.0	153.6	87.7	32.5	0.0
-35°	379.7	291.1	217.4	147.4	84.1	31.5	0.0
-37.5°	357.7	274.6	206.4	140.7	80.3	30.5	0.0
-40°	335.3	260.1	194.9	133.6	76.3	29.5	0.0
-42.5°	312.7	245.1	183.6	125.9	72.2	28.4	0.0
-45°	289.9	229.6	172.6	117.7	67.8	27.2	0.0
-47.5°	266.9	213.8	161.4	109.2	63.3	26.0	0.0
-50°	247.0	197.6	149.9	101.7	58.6	24.7	0.0
-52.5°	227.3	181.1	138.1	94.4	53.8	23.4	0.0
-55°	207.4	166.0	126.1	86.8	48.8	22.1	0.0
-57.5°	187.2	151.1	113.9	79.1	43.7	20.7	0.0
-60°	167.0	136.0	101.6	71.3	38.5	19.2	0.0
-62.5°	149.3	120.7	91.2	63.3	35.5	17.8	0.0
-65°	131.4	105.3	80.6	55.2	32.5	16.3	0.0
-67.5°	113.5	91.0	69.8	46.9	29.4	14.7	0.0
-70°	95.5	77.9	59.0	38.6	26.3	13.2	0.0
-72.5°	79.7	64.6	48.1	33.2	23.1	11.6	0.0
-75°	64.3	51.3	37.0	28.5	19.9	10.0	0.0
-77.5°	48.7	37.8	30.1	23.8	16.6	8.3	0.0
-80°	33.1	28.5	24.1	19.1	13.4	6.7	0.0
-82.5°	24.2	21.4	18.1	14.3	10.0	5.0	0.0
-85°	16.1	14.3	12.1	9.6	6.7	3.4	0.0
-87.5°	8.0	7.1	6.0	4.8	3.4	1.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)