

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: P558870 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-940-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558870 (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-940-U-NAT-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR
6x4
Light Source: (48) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

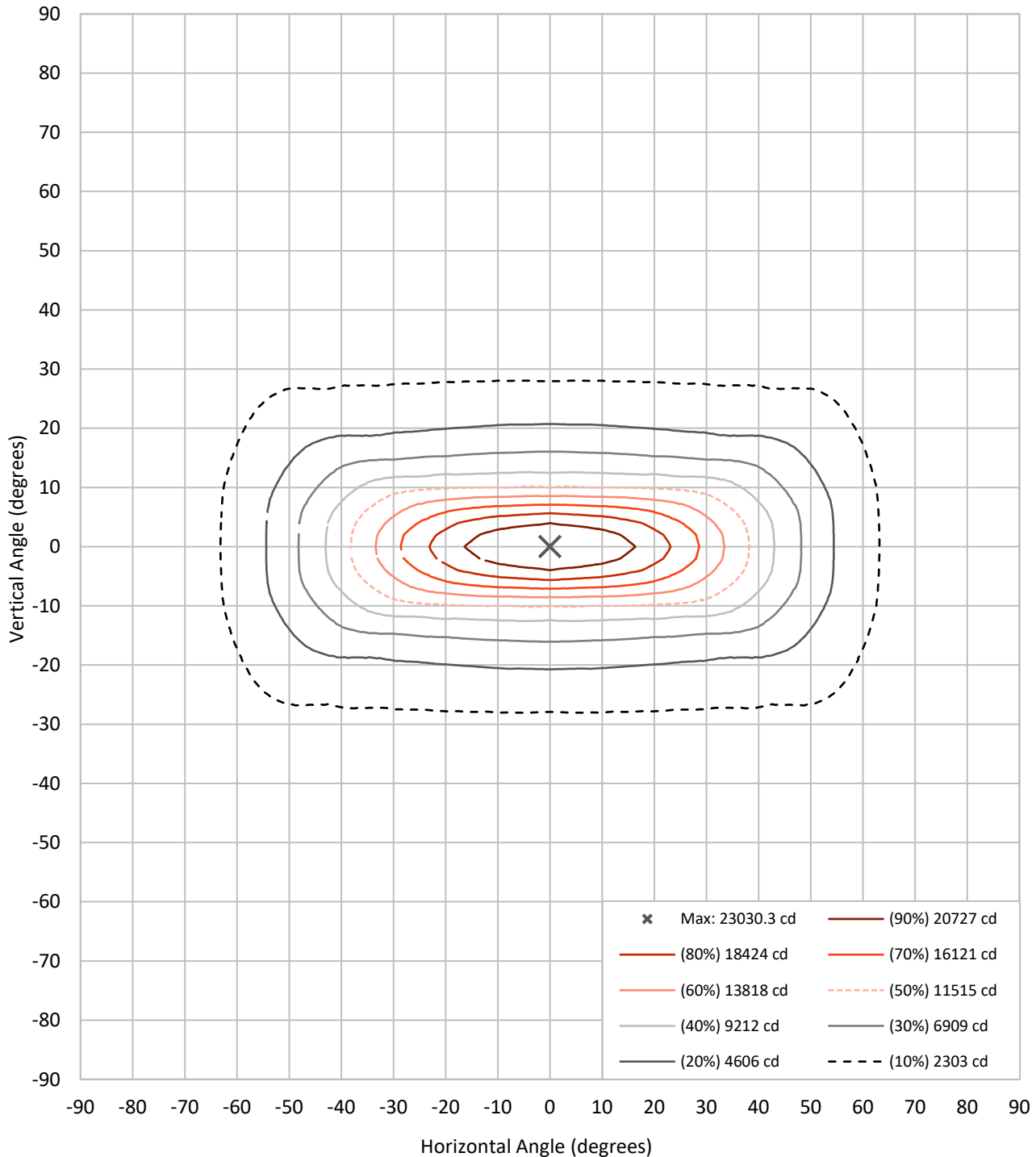
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	16493.8 lumens	Max Intensity:	23030.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	90.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	6599.1 lumens	Field Lumens:	13518.4 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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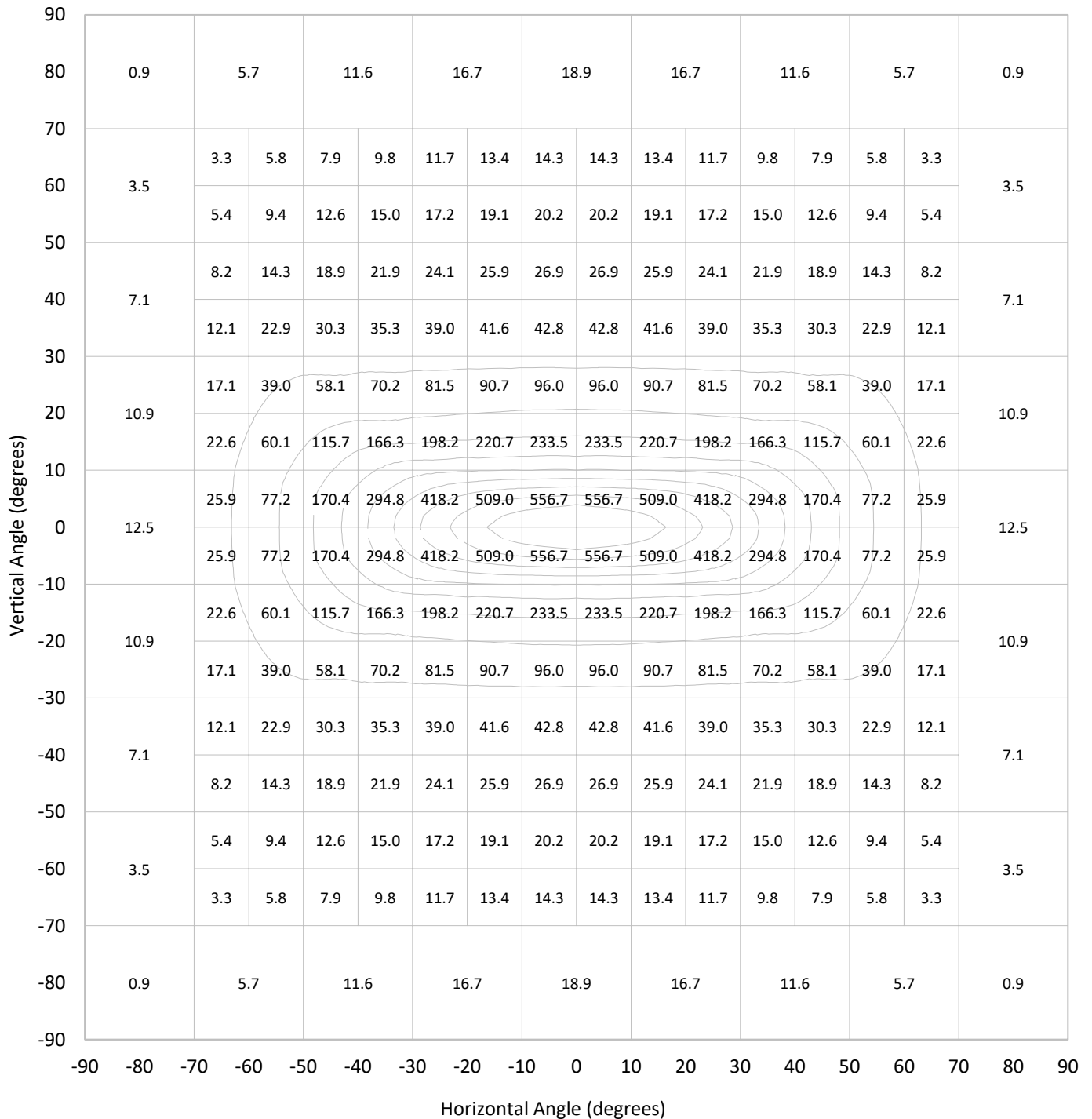
Iso-Candela Plot





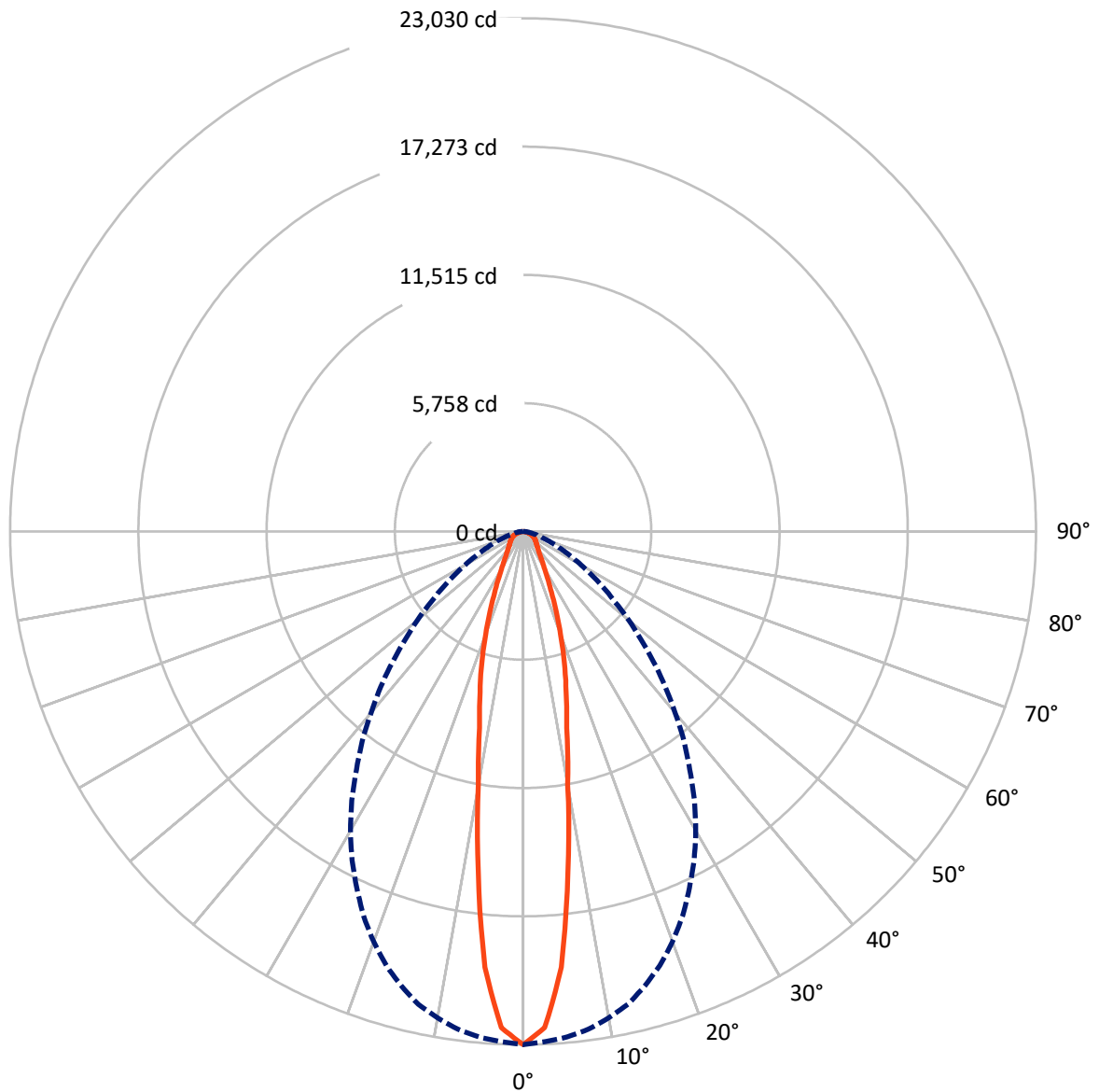
REPORT NUMBER: P558870 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table



REPORT NUMBER: P558870 (CONVERTED FROM TYPE C PHOTOMETRY)
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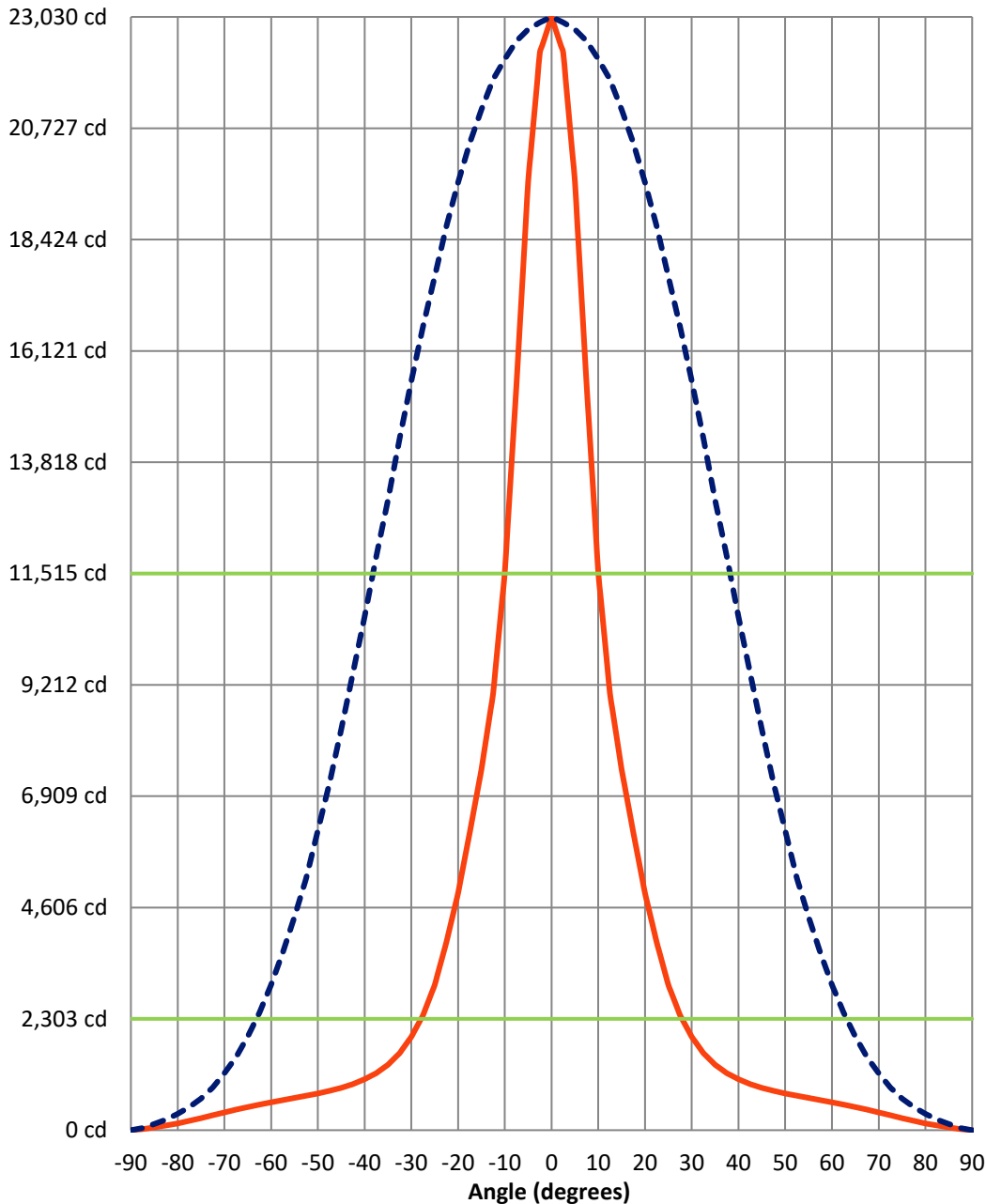
Luminous Intensity Polar Plot



— 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: 6599.1
 Efficiency: 40.0%

Field:
 H Angle: 126.3°
 V Angle: 55.8°
 Lumens: 13518.4
 Efficiency: 82.0%

Spill:
 Lumens: 2975.4
 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	5.5	6.9	8.1	9.2	10.4	11.6	12.6	13.6
85°	0.0	3.8	7.6	10.9	13.8	16.3	18.4	20.8	23.1	25.2	27.1
82.5°	0.0	5.7	11.4	16.3	20.7	24.4	27.6	31.2	35.4	42.2	48.3
80°	0.0	7.6	15.2	21.8	27.5	32.5	37.8	48.0	57.5	66.2	74.0
77.5°	0.0	9.5	19.0	27.2	34.4	43.2	55.6	68.0	79.6	90.1	100.2
75°	0.0	11.4	22.7	32.5	42.3	58.5	73.4	88.0	101.9	116.1	128.2
72.5°	0.0	13.2	26.4	37.9	54.8	73.8	91.0	108.6	126.9	142.8	156.3
70°	0.0	15.0	30.0	44.0	67.3	88.9	109.0	131.5	151.9	169.7	187.1
67.5°	0.0	16.8	33.6	53.5	79.7	103.9	129.5	154.3	176.9	200.2	218.9
65°	0.0	18.5	37.1	63.0	92.0	120.2	150.0	177.0	205.8	230.9	252.9
62.5°	0.0	20.3	40.5	72.2	104.1	137.8	170.3	202.5	234.9	263.0	291.8
60°	0.0	21.9	43.9	81.4	116.0	155.2	190.6	229.1	264.0	299.6	330.9
57.5°	0.0	23.6	49.8	90.3	130.0	172.4	213.6	255.6	296.6	336.2	373.3
55°	0.0	25.2	55.7	99.1	143.9	189.5	236.6	282.1	330.1	374.2	418.0
52.5°	0.0	26.7	61.3	107.7	157.6	206.7	259.4	311.8	363.5	417.2	463.8
50°	0.0	28.2	66.9	116.1	171.0	225.5	281.8	342.0	398.7	460.9	518.4
47.5°	0.0	29.7	72.2	124.7	184.2	244.0	304.4	372.4	439.0	505.3	575.8
45°	0.0	31.0	77.4	134.3	197.0	262.0	330.7	402.8	480.1	559.4	635.3
42.5°	0.0	32.4	82.3	143.7	209.5	279.6	356.8	436.4	521.3	615.0	703.0
40°	0.0	33.6	87.1	152.4	222.4	296.7	382.6	472.1	565.3	671.6	774.2
37.5°	0.0	34.8	91.6	160.6	235.5	313.3	408.1	507.3	615.2	730.9	847.8
35°	0.0	36.0	95.9	168.2	248.1	332.1	433.1	542.0	664.9	796.5	927.5
32.5°	0.0	37.0	100.0	175.3	260.2	351.8	458.9	576.1	714.2	863.0	1015.2
30°	0.0	38.0	103.9	181.8	271.7	370.8	486.3	611.2	763.1	930.1	1105.0
27.5°	0.0	38.9	107.5	187.9	281.3	389.2	512.9	651.0	814.1	997.5	1196.3
25°	0.0	39.8	110.8	193.3	290.1	406.8	538.4	689.6	869.2	1070.8	1289.0
22.5°	0.0	40.6	113.9	198.3	298.3	422.5	562.8	726.9	923.2	1146.6	1390.4
20°	0.0	41.3	116.7	202.7	305.8	434.5	586.0	762.6	975.9	1221.3	1490.8
17.5°	0.0	41.9	119.2	206.5	312.6	445.0	603.4	796.6	1026.7	1294.4	1589.6
15°	0.0	42.4	121.4	209.8	318.7	454.1	616.5	823.3	1075.4	1365.2	1685.9
12.5°	0.0	42.9	123.4	212.5	324.0	461.7	627.6	840.7	1110.3	1433.0	1778.9
10°	0.0	43.2	125.0	214.7	328.5	467.8	636.9	855.1	1132.6	1465.0	1851.4
7.5°	0.0	43.5	126.3	216.3	332.2	472.5	644.2	866.5	1150.7	1486.1	1884.2
5°	0.0	43.7	127.3	217.4	335.0	475.8	649.5	874.8	1164.3	1500.6	1909.7
2.5°	0.0	43.9	128.0	218.0	336.9	477.7	652.7	880.0	1173.4	1508.8	1927.3
0°	0.0	43.9	128.4	218.0	338.0	478.2	654.0	882.1	1177.9	1510.8	1936.7
-2.5°	0.0	43.9	128.0	218.0	336.9	477.7	652.7	880.0	1173.4	1508.8	1927.3
-5°	0.0	43.7	127.3	217.4	335.0	475.8	649.5	874.8	1164.3	1500.6	1909.7
-7.5°	0.0	43.5	126.3	216.3	332.2	472.5	644.2	866.5	1150.7	1486.1	1884.2
-10°	0.0	43.2	125.0	214.7	328.5	467.8	636.9	855.1	1132.6	1465.0	1851.4
-12.5°	0.0	42.9	123.4	212.5	324.0	461.7	627.6	840.7	1110.3	1433.0	1778.9
-15°	0.0	42.4	121.4	209.8	318.7	454.1	616.5	823.3	1075.4	1365.2	1685.9
-17.5°	0.0	41.9	119.2	206.5	312.6	445.0	603.4	796.6	1026.7	1294.4	1589.6
-20°	0.0	41.3	116.7	202.7	305.8	434.5	586.0	762.6	975.9	1221.3	1490.8



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 CATALOG NUMBER: GFLD-SA3E-940-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	40.6	113.9	198.3	298.3	422.5	562.8	726.9	923.2	1146.6	1390.4
-25°	0.0	39.8	110.8	193.3	290.1	406.8	538.4	689.6	869.2	1070.8	1289.0
-27.5°	0.0	38.9	107.5	187.9	281.3	389.2	512.9	651.0	814.1	997.5	1196.3
-30°	0.0	38.0	103.9	181.8	271.7	370.8	486.3	611.2	763.1	930.1	1105.0
-32.5°	0.0	37.0	100.0	175.3	260.2	351.8	458.9	576.1	714.2	863.0	1015.2
-35°	0.0	36.0	95.9	168.2	248.1	332.1	433.1	542.0	664.9	796.5	927.5
-37.5°	0.0	34.8	91.6	160.6	235.5	313.3	408.1	507.3	615.2	730.9	847.8
-40°	0.0	33.6	87.1	152.4	222.4	296.7	382.6	472.1	565.3	671.6	774.2
-42.5°	0.0	32.4	82.3	143.7	209.5	279.6	356.8	436.4	521.3	615.0	703.0
-45°	0.0	31.0	77.4	134.3	197.0	262.0	330.7	402.8	480.1	559.4	635.3
-47.5°	0.0	29.7	72.2	124.7	184.2	244.0	304.4	372.4	439.0	505.3	575.8
-50°	0.0	28.2	66.9	116.1	171.0	225.5	281.8	342.0	398.7	460.9	518.4
-52.5°	0.0	26.7	61.3	107.7	157.6	206.7	259.4	311.8	363.5	417.2	463.8
-55°	0.0	25.2	55.7	99.1	143.9	189.5	236.6	282.1	330.1	374.2	418.0
-57.5°	0.0	23.6	49.8	90.3	130.0	172.4	213.6	255.6	296.6	336.2	373.3
-60°	0.0	21.9	43.9	81.4	116.0	155.2	190.6	229.1	264.0	299.6	330.9
-62.5°	0.0	20.3	40.5	72.2	104.1	137.8	170.3	202.5	234.9	263.0	291.8
-65°	0.0	18.5	37.1	63.0	92.0	120.2	150.0	177.0	205.8	230.9	252.9
-67.5°	0.0	16.8	33.6	53.5	79.7	103.9	129.5	154.3	176.9	200.2	218.9
-70°	0.0	15.0	30.0	44.0	67.3	88.9	109.0	131.5	151.9	169.7	187.1
-72.5°	0.0	13.2	26.4	37.9	54.8	73.8	91.0	108.6	126.9	142.8	156.3
-75°	0.0	11.4	22.7	32.5	42.3	58.5	73.4	88.0	101.9	116.1	128.2
-77.5°	0.0	9.5	19.0	27.2	34.4	43.2	55.6	68.0	79.6	90.1	100.2
-80°	0.0	7.6	15.2	21.8	27.5	32.5	37.8	48.0	57.5	66.2	74.0
-82.5°	0.0	5.7	11.4	16.3	20.7	24.4	27.6	31.2	35.4	42.2	48.3
-85°	0.0	3.8	7.6	10.9	13.8	16.3	18.4	20.8	23.1	25.2	27.1
-87.5°	0.0	1.9	3.8	5.5	6.9	8.1	9.2	10.4	11.6	12.6	13.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558870 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-940-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°	14.6	15.6	16.6	17.4	18.2	19.0	19.7	20.3	21.2	22.0	22.8
85°	29.2	31.2	34.6	37.4	39.9	42.1	44.0	45.5	47.2	48.5	49.5
82.5°	53.8	58.3	61.9	64.6	67.7	70.4	72.7	74.7	76.9	78.8	80.5
80°	80.4	85.5	90.8	95.4	99.9	103.3	105.4	106.3	109.0	112.4	115.9
77.5°	109.0	116.8	123.6	129.5	134.3	138.5	141.6	143.4	147.7	152.6	156.9
75°	138.7	148.1	157.6	165.9	172.5	177.3	180.8	183.8	188.9	195.3	200.9
72.5°	169.6	182.3	193.5	203.2	212.0	218.7	223.7	227.0	232.1	239.7	245.8
70°	202.1	216.6	231.8	244.3	253.7	261.6	268.2	272.8	277.4	285.1	290.8
67.5°	235.7	256.5	273.4	286.6	297.1	306.8	314.2	319.1	321.1	328.9	335.3
65°	275.4	297.7	316.4	331.2	341.7	353.7	362.0	366.1	367.4	375.9	383.9
62.5°	315.8	340.4	361.0	378.0	391.6	403.0	412.3	417.5	418.4	424.7	433.8
60°	358.9	384.1	408.6	429.1	443.6	455.4	465.5	471.0	472.1	474.6	485.1
57.5°	403.9	431.1	459.7	482.7	499.6	509.4	520.4	526.5	529.0	527.4	538.2
55°	452.7	481.1	513.4	540.1	558.3	567.1	577.4	586.2	589.2	587.2	593.7
52.5°	508.2	536.4	570.8	600.2	620.4	631.0	638.3	648.9	653.8	651.6	650.3
50°	566.4	601.9	630.3	663.9	688.4	702.3	702.5	715.7	722.0	720.1	711.4
47.5°	632.3	672.3	693.9	732.3	764.1	780.6	781.7	786.9	794.7	796.8	789.3
45°	703.5	752.4	775.5	809.9	845.5	865.6	871.7	862.2	876.2	880.6	875.9
42.5°	778.5	840.8	877.3	891.3	932.8	960.7	971.5	964.8	964.1	973.9	973.8
40°	865.1	936.7	991.5	1006.0	1027.0	1065.6	1088.4	1087.2	1061.6	1079.8	1084.6
37.5°	957.8	1050.8	1118.5	1148.7	1132.9	1184.3	1217.7	1231.2	1215.3	1197.4	1217.9
35°	1055.2	1172.7	1264.1	1315.5	1317.8	1316.6	1369.0	1397.1	1399.0	1366.2	1373.6
32.5°	1164.3	1302.2	1423.3	1506.5	1544.2	1520.8	1534.5	1593.5	1622.4	1609.9	1562.6
30°	1281.4	1450.7	1599.2	1716.4	1800.8	1825.7	1769.4	1815.4	1879.5	1905.0	1884.5
27.5°	1399.9	1608.2	1796.4	1959.1	2089.8	2172.6	2174.6	2103.5	2176.1	2237.7	2261.6
25°	1520.2	1765.8	2005.6	2226.1	2423.9	2566.4	2631.9	2639.5	2537.9	2630.3	2716.3
22.5°	1648.4	1927.9	2212.6	2510.5	2786.2	2995.3	3154.2	3250.0	3246.8	3149.9	3225.6
20°	1784.1	2104.4	2435.9	2789.2	3165.2	3452.7	3719.0	3922.7	4045.4	4086.1	4006.7
17.5°	1919.5	2282.5	2670.3	3091.2	3526.3	3924.8	4323.9	4649.0	4906.5	5117.9	5193.5
15°	2053.3	2460.1	2905.7	3395.2	3897.9	4396.8	4909.9	5407.7	5845.9	6232.8	6462.2
12.5°	2184.0	2635.3	3139.2	3697.7	4274.8	4875.2	5487.6	6094.0	6725.3	7351.9	7828.1
10°	2310.0	2805.9	3367.9	3995.1	4651.3	5353.6	6064.2	6783.9	7550.8	8289.8	9001.2
7.5°	2363.9	2917.5	3564.9	4283.1	5021.5	5824.5	6632.1	7467.6	8363.7	9226.0	10094.7
5°	2397.1	2961.7	3620.2	4368.5	5189.9	6131.8	7095.4	8130.4	9152.9	10145.7	11169.4
2.5°	2419.2	2992.1	3657.2	4402.2	5214.9	6182.3	7158.0	8232.7	9379.9	10527.8	11746.5
0°	2430.1	3008.1	3675.6	4412.4	5211.7	6198.6	7182.2	8290.8	9453.4	10621.2	11868.3
-2.5°	2419.2	2992.1	3657.2	4402.2	5214.9	6182.3	7158.0	8232.7	9379.9	10527.8	11746.5
-5°	2397.1	2961.7	3620.2	4368.5	5189.9	6131.8	7095.4	8130.4	9152.9	10145.7	11169.4
-7.5°	2363.9	2917.5	3564.9	4283.1	5021.5	5824.5	6632.1	7467.6	8363.7	9226.0	10094.7
-10°	2310.0	2805.9	3367.9	3995.1	4651.3	5353.6	6064.2	6783.9	7550.8	8289.8	9001.2
-12.5°	2184.0	2635.3	3139.2	3697.7	4274.8	4875.2	5487.6	6094.0	6725.3	7351.9	7828.1
-15°	2053.3	2460.1	2905.7	3395.2	3897.9	4396.8	4909.9	5407.7	5845.9	6232.8	6462.2
-17.5°	1919.5	2282.5	2670.3	3091.2	3526.3	3924.8	4323.9	4649.0	4906.5	5117.9	5193.5
-20°	1784.1	2104.4	2435.9	2789.2	3165.2	3452.7	3719.0	3922.7	4045.4	4086.1	4006.7



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 CATALOG NUMBER: GFLD-SA3E-940-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°	1648.4	1927.9	2212.6	2510.5	2786.2	2995.3	3154.2	3250.0	3246.8	3149.9	3225.6
-25°	1520.2	1765.8	2005.6	2226.1	2423.9	2566.4	2631.9	2639.5	2537.9	2630.3	2716.3
-27.5°	1399.9	1608.2	1796.4	1959.1	2089.8	2172.6	2174.6	2103.5	2176.1	2237.7	2261.6
-30°	1281.4	1450.7	1599.2	1716.4	1800.8	1825.7	1769.4	1815.4	1879.5	1905.0	1884.5
-32.5°	1164.3	1302.2	1423.3	1506.5	1544.2	1520.8	1534.5	1593.5	1622.4	1609.9	1562.6
-35°	1055.2	1172.7	1264.1	1315.5	1317.8	1316.6	1369.0	1397.1	1399.0	1366.2	1373.6
-37.5°	957.8	1050.8	1118.5	1148.7	1132.9	1184.3	1217.7	1231.2	1215.3	1197.4	1217.9
-40°	865.1	936.7	991.5	1006.0	1027.0	1065.6	1088.4	1087.2	1061.6	1079.8	1084.6
-42.5°	778.5	840.8	877.3	891.3	932.8	960.7	971.5	964.8	964.1	973.9	973.8
-45°	703.5	752.4	775.5	809.9	845.5	865.6	871.7	862.2	876.2	880.6	875.9
-47.5°	632.3	672.3	693.9	732.3	764.1	780.6	781.7	786.9	794.7	796.8	789.3
-50°	566.4	601.9	630.3	663.9	688.4	702.3	702.5	715.7	722.0	720.1	711.4
-52.5°	508.2	536.4	570.8	600.2	620.4	631.0	638.3	648.9	653.8	651.6	650.3
-55°	452.7	481.1	513.4	540.1	558.3	567.1	577.4	586.2	589.2	587.2	593.7
-57.5°	403.9	431.1	459.7	482.7	499.6	509.4	520.4	526.5	529.0	527.4	538.2
-60°	358.9	384.1	408.6	429.1	443.6	455.4	465.5	471.0	472.1	474.6	485.1
-62.5°	315.8	340.4	361.0	378.0	391.6	403.0	412.3	417.5	418.4	424.7	433.8
-65°	275.4	297.7	316.4	331.2	341.7	353.7	362.0	366.1	367.4	375.9	383.9
-67.5°	235.7	256.5	273.4	286.6	297.1	306.8	314.2	319.1	321.1	328.9	335.3
-70°	202.1	216.6	231.8	244.3	253.7	261.6	268.2	272.8	277.4	285.1	290.8
-72.5°	169.6	182.3	193.5	203.2	212.0	218.7	223.7	227.0	232.1	239.7	245.8
-75°	138.7	148.1	157.6	165.9	172.5	177.3	180.8	183.8	188.9	195.3	200.9
-77.5°	109.0	116.8	123.6	129.5	134.3	138.5	141.6	143.4	147.7	152.6	156.9
-80°	80.4	85.5	90.8	95.4	99.9	103.3	105.4	106.3	109.0	112.4	115.9
-82.5°	53.8	58.3	61.9	64.6	67.7	70.4	72.7	74.7	76.9	78.8	80.5
-85°	29.2	31.2	34.6	37.4	39.9	42.1	44.0	45.5	47.2	48.5	49.5
-87.5°	14.6	15.6	16.6	17.4	18.2	19.0	19.7	20.3	21.2	22.0	22.8
-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°	23.5	23.2	22.7	22.1	21.5	21.5	21.5	21.4	21.3	21.1	20.8
85°	50.3	51.2	52.2	53.0	53.9	54.7	55.5	56.1	56.6	56.5	56.4
82.5°	81.9	84.7	87.4	90.0	92.4	93.7	94.6	95.3	95.6	96.4	97.0
80°	118.9	123.0	126.7	129.7	132.2	134.1	135.6	136.8	137.7	138.7	139.4
77.5°	160.9	165.4	169.7	173.4	176.6	179.6	182.2	184.2	185.8	188.1	190.3
75°	205.5	210.6	215.9	220.6	224.8	229.2	233.6	237.7	241.3	244.3	246.5
72.5°	250.6	255.9	262.4	268.5	274.1	280.1	286.0	291.2	295.7	299.9	303.7
70°	295.1	300.1	308.5	316.6	324.1	331.3	338.4	344.8	350.5	355.9	360.8
67.5°	341.1	346.3	356.7	366.1	374.5	382.4	390.7	398.1	404.5	410.3	415.3
65°	390.1	394.8	406.0	416.3	425.2	432.6	441.5	449.6	456.8	463.1	468.5
62.5°	440.8	445.5	454.9	465.0	473.4	480.6	491.0	500.1	507.8	514.2	519.5
60°	492.4	496.4	503.6	514.7	524.2	531.9	541.1	550.0	557.4	563.8	569.4
57.5°	545.9	549.9	553.3	564.5	573.6	580.7	588.8	597.4	604.7	610.7	616.5
55°	601.1	604.2	603.2	613.5	622.0	627.7	633.8	642.9	650.2	655.5	660.8
52.5°	657.6	661.3	658.7	663.1	672.4	677.6	680.2	690.1	697.5	702.2	707.1
50°	720.5	723.5	721.2	718.7	727.8	733.1	734.6	742.6	749.3	753.0	756.4
47.5°	788.7	792.3	790.6	780.7	788.7	795.5	795.7	799.1	806.1	808.8	810.9
45°	862.9	869.9	868.4	861.6	860.5	867.4	866.7	864.0	872.0	875.5	876.7
42.5°	960.3	957.9	960.1	956.2	943.9	951.8	952.8	942.7	952.8	957.1	954.6
40°	1079.4	1057.6	1069.6	1067.8	1056.4	1054.6	1060.8	1052.7	1054.2	1060.4	1055.6
37.5°	1221.1	1205.6	1199.1	1204.5	1201.1	1186.4	1198.1	1195.2	1186.0	1196.4	1191.8
35°	1395.6	1390.9	1355.9	1377.2	1381.6	1367.7	1371.7	1377.8	1357.7	1373.5	1371.8
32.5°	1599.6	1610.0	1602.4	1589.3	1609.2	1611.7	1588.7	1616.4	1605.2	1609.2	1620.0
30°	1830.7	1883.7	1909.5	1886.4	1898.8	1923.5	1912.2	1931.4	1940.6	1926.2	1953.4
27.5°	2234.3	2215.5	2277.3	2304.2	2275.4	2320.4	2353.1	2338.6	2386.4	2358.1	2398.5
25°	2747.3	2719.7	2736.2	2825.1	2844.8	2822.0	2914.1	2925.0	2962.9	2967.5	2995.7
22.5°	3350.0	3416.7	3408.9	3435.9	3547.6	3585.0	3619.1	3707.6	3687.4	3767.7	3781.7
20°	4023.9	4191.5	4307.0	4331.3	4379.0	4507.4	4566.4	4636.3	4683.2	4759.2	4823.5
17.5°	5163.9	5077.9	5304.5	5446.8	5521.6	5548.3	5703.0	5753.5	5869.6	5936.0	6001.9
15°	6627.5	6677.6	6575.3	6710.9	6940.1	7017.5	6928.6	7136.3	7194.7	7306.5	7326.3
12.5°	8191.9	8445.2	8569.3	8603.1	8483.3	8809.3	8939.9	8776.0	8961.9	8928.4	9081.4
10°	9684.7	10300.0	10668.3	10927.4	11084.9	11179.8	11274.1	11443.5	11446.5	11572.0	11498.7
7.5°	10910.2	11690.3	12435.7	13158.6	13737.0	14061.2	14315.7	14559.9	14885.7	15041.8	15143.1
5°	12109.2	13009.3	13901.1	14777.4	15571.1	16334.7	17083.0	17732.1	18076.1	18478.2	18836.5
2.5°	12884.7	14023.2	15162.1	16290.1	17207.2	18048.7	18827.5	19551.0	20185.5	20772.6	21268.3
0°	13036.1	14310.3	15498.3	16623.8	17656.3	18695.6	19603.1	20421.0	21112.2	21735.8	22156.6
-2.5°	12884.7	14023.2	15162.1	16290.1	17207.2	18048.7	18827.5	19551.0	20185.5	20772.6	21268.3
-5°	12109.2	13009.3	13901.1	14777.4	15571.1	16334.7	17083.0	17732.1	18076.1	18478.2	18836.5
-7.5°	10910.2	11690.3	12435.7	13158.6	13737.0	14061.2	14315.7	14559.9	14885.7	15041.8	15143.1
-10°	9684.7	10300.0	10668.3	10927.4	11084.9	11179.8	11274.1	11443.5	11446.5	11572.0	11498.7
-12.5°	8191.9	8445.2	8569.3	8603.1	8483.3	8809.3	8939.9	8776.0	8961.9	8928.4	9081.4
-15°	6627.5	6677.6	6575.3	6710.9	6940.1	7017.5	6928.6	7136.3	7194.7	7306.5	7326.3
-17.5°	5163.9	5077.9	5304.5	5446.8	5521.6	5548.3	5703.0	5753.5	5869.6	5936.0	6001.9
-20°	4023.9	4191.5	4307.0	4331.3	4379.0	4507.4	4566.4	4636.3	4683.2	4759.2	4823.5



REPORT NUMBER: P558870 (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°	3350.0	3416.7	3408.9	3435.9	3547.6	3585.0	3619.1	3707.6	3687.4	3767.7	3781.7
-25°	2747.3	2719.7	2736.2	2825.1	2844.8	2822.0	2914.1	2925.0	2962.9	2967.5	2995.7
-27.5°	2234.3	2215.5	2277.3	2304.2	2275.4	2320.4	2353.1	2338.6	2386.4	2358.1	2398.5
-30°	1830.7	1883.7	1909.5	1886.4	1898.8	1923.5	1912.2	1931.4	1940.6	1926.2	1953.4
-32.5°	1599.6	1610.0	1602.4	1589.3	1609.2	1611.7	1588.7	1616.4	1605.2	1609.2	1620.0
-35°	1395.6	1390.9	1355.9	1377.2	1381.6	1367.7	1371.7	1377.8	1357.7	1373.5	1371.8
-37.5°	1221.1	1205.6	1199.1	1204.5	1201.1	1186.4	1198.1	1195.2	1186.0	1196.4	1191.8
-40°	1079.4	1057.6	1069.6	1067.8	1056.4	1054.6	1060.8	1052.7	1054.2	1060.4	1055.6
-42.5°	960.3	957.9	960.1	956.2	943.9	951.8	952.8	942.7	952.8	957.1	954.6
-45°	862.9	869.9	868.4	861.6	860.5	867.4	866.7	864.0	872.0	875.5	876.7
-47.5°	788.7	792.3	790.6	780.7	788.7	795.5	795.7	799.1	806.1	808.8	810.9
-50°	720.5	723.5	721.2	718.7	727.8	733.1	734.6	742.6	749.3	753.0	756.4
-52.5°	657.6	661.3	658.7	663.1	672.4	677.6	680.2	690.1	697.5	702.2	707.1
-55°	601.1	604.2	603.2	613.5	622.0	627.7	633.8	642.9	650.2	655.5	660.8
-57.5°	545.9	549.9	553.3	564.5	573.6	580.7	588.8	597.4	604.7	610.7	616.5
-60°	492.4	496.4	503.6	514.7	524.2	531.9	541.1	550.0	557.4	563.8	569.4
-62.5°	440.8	445.5	454.9	465.0	473.4	480.6	491.0	500.1	507.8	514.2	519.5
-65°	390.1	394.8	406.0	416.3	425.2	432.6	441.5	449.6	456.8	463.1	468.5
-67.5°	341.1	346.3	356.7	366.1	374.5	382.4	390.7	398.1	404.5	410.3	415.3
-70°	295.1	300.1	308.5	316.6	324.1	331.3	338.4	344.8	350.5	355.9	360.8
-72.5°	250.6	255.9	262.4	268.5	274.1	280.1	286.0	291.2	295.7	299.9	303.7
-75°	205.5	210.6	215.9	220.6	224.8	229.2	233.6	237.7	241.3	244.3	246.5
-77.5°	160.9	165.4	169.7	173.4	176.6	179.6	182.2	184.2	185.8	188.1	190.3
-80°	118.9	123.0	126.7	129.7	132.2	134.1	135.6	136.8	137.7	138.7	139.4
-82.5°	81.9	84.7	87.4	90.0	92.4	93.7	94.6	95.3	95.6	96.4	97.0
-85°	50.3	51.2	52.2	53.0	53.9	54.7	55.5	56.1	56.6	56.5	56.4
-87.5°	23.5	23.2	22.7	22.1	21.5	21.5	21.5	21.4	21.3	21.1	20.8
-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°	20.5	20.2	21.1	22.0	21.1	20.2	20.5	20.8	21.1	21.3	21.4
85°	56.0	55.5	56.6	57.5	56.6	55.5	56.0	56.4	56.5	56.6	56.1
82.5°	97.4	97.5	97.9	98.0	97.9	97.5	97.4	97.0	96.4	95.6	95.3
80°	139.7	139.7	139.3	138.6	139.3	139.7	139.7	139.4	138.7	137.7	136.8
77.5°	192.0	193.3	194.0	194.3	194.0	193.3	192.0	190.3	188.1	185.8	184.2
75°	248.1	248.9	249.0	248.4	249.0	248.9	248.1	246.5	244.3	241.3	237.7
72.5°	306.8	309.2	309.7	309.3	309.7	309.2	306.8	303.7	299.9	295.7	291.2
70°	364.9	368.1	368.0	366.7	368.0	368.1	364.9	360.8	355.9	350.5	344.8
67.5°	419.2	422.2	424.5	425.9	424.5	422.2	419.2	415.3	410.3	404.5	398.1
65°	472.7	475.9	477.7	478.2	477.7	475.9	472.7	468.5	463.1	456.8	449.6
62.5°	523.7	526.6	528.3	528.9	528.3	526.6	523.7	519.5	514.2	507.8	500.1
60°	573.9	577.0	577.6	576.3	577.6	577.0	573.9	569.4	563.8	557.4	550.0
57.5°	621.1	624.4	624.3	621.9	624.3	624.4	621.1	616.5	610.7	604.7	597.4
55°	664.6	667.0	667.9	667.5	667.9	667.0	664.6	660.8	655.5	650.2	642.9
52.5°	710.7	712.6	713.4	713.1	713.4	712.6	710.7	707.1	702.2	697.5	690.1
50°	758.9	759.1	759.1	758.8	759.1	759.1	758.9	756.4	753.0	749.3	742.6
47.5°	813.9	814.4	814.5	814.5	814.5	814.4	813.9	810.9	808.8	806.1	799.1
45°	878.9	877.1	875.3	875.4	875.3	877.1	878.9	876.7	875.5	872.0	864.0
42.5°	957.0	954.9	952.5	953.1	952.5	954.9	957.0	954.6	957.1	952.8	942.7
40°	1059.7	1059.2	1055.8	1054.5	1055.8	1059.2	1059.7	1055.6	1060.4	1054.2	1052.7
37.5°	1192.5	1190.6	1182.9	1179.6	1182.9	1190.6	1192.5	1191.8	1196.4	1186.0	1195.2
35°	1367.1	1364.5	1352.7	1353.6	1352.7	1364.5	1367.1	1371.8	1373.5	1357.7	1377.8
32.5°	1614.6	1615.5	1597.7	1593.6	1597.7	1615.5	1614.6	1620.0	1609.2	1605.2	1616.4
30°	1936.5	1943.6	1922.6	1931.6	1922.6	1943.6	1936.5	1953.4	1926.2	1940.6	1931.4
27.5°	2397.8	2411.3	2392.7	2377.7	2392.7	2411.3	2397.8	2398.5	2358.1	2386.4	2338.6
25°	3032.7	3042.7	3021.6	3003.0	3021.6	3042.7	3032.7	2995.7	2967.5	2962.9	2925.0
22.5°	3859.2	3858.6	3857.5	3886.8	3857.5	3858.6	3859.2	3781.7	3767.7	3687.4	3707.6
20°	4865.0	4840.6	4877.1	4900.8	4877.1	4840.6	4865.0	4823.5	4759.2	4683.2	4636.3
17.5°	6017.2	6062.8	6097.9	6156.4	6097.9	6062.8	6017.2	6001.9	5936.0	5869.6	5753.5
15°	7375.8	7444.8	7479.8	7461.0	7479.8	7444.8	7375.8	7326.3	7306.5	7194.7	7136.3
12.5°	9086.8	9169.0	9108.3	9032.6	9108.3	9169.0	9086.8	9081.4	8928.4	8961.9	8776.0
10°	11499.8	11676.9	11686.8	11538.8	11686.8	11676.9	11499.8	11498.7	11572.0	11446.5	11443.5
7.5°	15202.1	15288.2	15419.0	15425.6	15419.0	15288.2	15202.1	15143.1	15041.8	14885.7	14559.9
5°	18999.0	19228.3	19376.2	19631.8	19376.2	19228.3	18999.0	18836.5	18478.2	18076.1	17732.1
2.5°	21588.5	21884.9	21998.7	22288.4	21998.7	21884.9	21588.5	21268.3	20772.6	20185.5	19551.0
0°	22531.7	22771.7	22915.3	23030.3	22915.3	22771.7	22531.7	22156.6	21735.8	21112.2	20421.0
-2.5°	21588.5	21884.9	21998.7	22288.4	21998.7	21884.9	21588.5	21268.3	20772.6	20185.5	19551.0
-5°	18999.0	19228.3	19376.2	19631.8	19376.2	19228.3	18999.0	18836.5	18478.2	18076.1	17732.1
-7.5°	15202.1	15288.2	15419.0	15425.6	15419.0	15288.2	15202.1	15143.1	15041.8	14885.7	14559.9
-10°	11499.8	11676.9	11686.8	11538.8	11686.8	11676.9	11499.8	11498.7	11572.0	11446.5	11443.5
-12.5°	9086.8	9169.0	9108.3	9032.6	9108.3	9169.0	9086.8	9081.4	8928.4	8961.9	8776.0
-15°	7375.8	7444.8	7479.8	7461.0	7479.8	7444.8	7375.8	7326.3	7306.5	7194.7	7136.3
-17.5°	6017.2	6062.8	6097.9	6156.4	6097.9	6062.8	6017.2	6001.9	5936.0	5869.6	5753.5
-20°	4865.0	4840.6	4877.1	4900.8	4877.1	4840.6	4865.0	4823.5	4759.2	4683.2	4636.3



REPORT NUMBER: P558870 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-940-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°	3859.2	3858.6	3857.5	3886.8	3857.5	3858.6	3859.2	3781.7	3767.7	3687.4	3707.6
-25°	3032.7	3042.7	3021.6	3003.0	3021.6	3042.7	3032.7	2995.7	2967.5	2962.9	2925.0
-27.5°	2397.8	2411.3	2392.7	2377.7	2392.7	2411.3	2397.8	2398.5	2358.1	2386.4	2338.6
-30°	1936.5	1943.6	1922.6	1931.6	1922.6	1943.6	1936.5	1953.4	1926.2	1940.6	1931.4
-32.5°	1614.6	1615.5	1597.7	1593.6	1597.7	1615.5	1614.6	1620.0	1609.2	1605.2	1616.4
-35°	1367.1	1364.5	1352.7	1353.6	1352.7	1364.5	1367.1	1371.8	1373.5	1357.7	1377.8
-37.5°	1192.5	1190.6	1182.9	1179.6	1182.9	1190.6	1192.5	1191.8	1196.4	1186.0	1195.2
-40°	1059.7	1059.2	1055.8	1054.5	1055.8	1059.2	1059.7	1055.6	1060.4	1054.2	1052.7
-42.5°	957.0	954.9	952.5	953.1	952.5	954.9	957.0	954.6	957.1	952.8	942.7
-45°	878.9	877.1	875.3	875.4	875.3	877.1	878.9	876.7	875.5	872.0	864.0
-47.5°	813.9	814.4	814.5	814.5	814.5	814.4	813.9	810.9	808.8	806.1	799.1
-50°	758.9	759.1	759.1	758.8	759.1	759.1	758.9	756.4	753.0	749.3	742.6
-52.5°	710.7	712.6	713.4	713.1	713.4	712.6	710.7	707.1	702.2	697.5	690.1
-55°	664.6	667.0	667.9	667.5	667.9	667.0	664.6	660.8	655.5	650.2	642.9
-57.5°	621.1	624.4	624.3	621.9	624.3	624.4	621.1	616.5	610.7	604.7	597.4
-60°	573.9	577.0	577.6	576.3	577.6	577.0	573.9	569.4	563.8	557.4	550.0
-62.5°	523.7	526.6	528.3	528.9	528.3	526.6	523.7	519.5	514.2	507.8	500.1
-65°	472.7	475.9	477.7	478.2	477.7	475.9	472.7	468.5	463.1	456.8	449.6
-67.5°	419.2	422.2	424.5	425.9	424.5	422.2	419.2	415.3	410.3	404.5	398.1
-70°	364.9	368.1	368.0	366.7	368.0	368.1	364.9	360.8	355.9	350.5	344.8
-72.5°	306.8	309.2	309.7	309.3	309.7	309.2	306.8	303.7	299.9	295.7	291.2
-75°	248.1	248.9	249.0	248.4	249.0	248.9	248.1	246.5	244.3	241.3	237.7
-77.5°	192.0	193.3	194.0	194.3	194.0	193.3	192.0	190.3	188.1	185.8	184.2
-80°	139.7	139.7	139.3	138.6	139.3	139.7	139.7	139.4	138.7	137.7	136.8
-82.5°	97.4	97.5	97.9	98.0	97.9	97.5	97.4	97.0	96.4	95.6	95.3
-85°	56.0	55.5	56.6	57.5	56.6	55.5	56.0	56.4	56.5	56.6	56.1
-87.5°	20.5	20.2	21.1	22.0	21.1	20.2	20.5	20.8	21.1	21.3	21.4
-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: P558870 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	21.5	21.5	21.5	22.1	22.7	23.2	23.5	22.8	22.0	21.2	20.3
85°	55.5	54.7	53.9	53.0	52.2	51.2	50.3	49.5	48.5	47.2	45.5
82.5°	94.6	93.7	92.4	90.0	87.4	84.7	81.9	80.5	78.8	76.9	74.7
80°	135.6	134.1	132.2	129.7	126.7	123.0	118.9	115.9	112.4	109.0	106.3
77.5°	182.2	179.6	176.6	173.4	169.7	165.4	160.9	156.9	152.6	147.7	143.4
75°	233.6	229.2	224.8	220.6	215.9	210.6	205.5	200.9	195.3	188.9	183.8
72.5°	286.0	280.1	274.1	268.5	262.4	255.9	250.6	245.8	239.7	232.1	227.0
70°	338.4	331.3	324.1	316.6	308.5	300.1	295.1	290.8	285.1	277.4	272.8
67.5°	390.7	382.4	374.5	366.1	356.7	346.3	341.1	335.3	328.9	321.1	319.1
65°	441.5	432.6	425.2	416.3	406.0	394.8	390.1	383.9	375.9	367.4	366.1
62.5°	491.0	480.6	473.4	465.0	454.9	445.5	440.8	433.8	424.7	418.4	417.5
60°	541.1	531.9	524.2	514.7	503.6	496.4	492.4	485.1	474.6	472.1	471.0
57.5°	588.8	580.7	573.6	564.5	553.3	549.9	545.9	538.2	527.4	529.0	526.5
55°	633.8	627.7	622.0	613.5	603.2	604.2	601.1	593.7	587.2	589.2	586.2
52.5°	680.2	677.6	672.4	663.1	658.7	661.3	657.6	650.3	651.6	653.8	648.9
50°	734.6	733.1	727.8	718.7	721.2	723.5	720.5	711.4	720.1	722.0	715.7
47.5°	795.7	795.5	788.7	780.7	790.6	792.3	788.7	789.3	796.8	794.7	786.9
45°	866.7	867.4	860.5	861.6	868.4	869.9	862.9	875.9	880.6	876.2	862.2
42.5°	952.8	951.8	943.9	956.2	960.1	957.9	960.3	973.8	973.9	964.1	964.8
40°	1060.8	1054.6	1056.4	1067.8	1069.6	1057.6	1079.4	1084.6	1079.8	1061.6	1087.2
37.5°	1198.1	1186.4	1201.1	1204.5	1199.1	1205.6	1221.1	1217.9	1197.4	1215.3	1231.2
35°	1371.7	1367.7	1381.6	1377.2	1355.9	1390.9	1395.6	1373.6	1366.2	1399.0	1397.1
32.5°	1588.7	1611.7	1609.2	1589.3	1602.4	1610.0	1599.6	1562.6	1609.9	1622.4	1593.5
30°	1912.2	1923.5	1898.8	1886.4	1909.5	1883.7	1830.7	1884.5	1905.0	1879.5	1815.4
27.5°	2353.1	2320.4	2275.4	2304.2	2277.3	2215.5	2234.3	2261.6	2237.7	2176.1	2103.5
25°	2914.1	2822.0	2844.8	2825.1	2736.2	2719.7	2747.3	2716.3	2630.3	2537.9	2639.5
22.5°	3619.1	3585.0	3547.6	3435.9	3408.9	3416.7	3350.0	3225.6	3149.9	3246.8	3250.0
20°	4566.4	4507.4	4379.0	4331.3	4307.0	4191.5	4023.9	4006.7	4086.1	4045.4	3922.7
17.5°	5703.0	5548.3	5521.6	5446.8	5304.5	5077.9	5163.9	5193.5	5117.9	4906.5	4649.0
15°	6928.6	7017.5	6940.1	6710.9	6575.3	6677.6	6627.5	6462.2	6232.8	5845.9	5407.7
12.5°	8939.9	8809.3	8483.3	8603.1	8569.3	8445.2	8191.9	7828.1	7351.9	6725.3	6094.0
10°	11274.1	11179.8	11084.9	10927.4	10668.3	10300.0	9684.7	9001.2	8289.8	7550.8	6783.9
7.5°	14315.7	14061.2	13737.0	13158.6	12435.7	11690.3	10910.2	10094.7	9226.0	8363.7	7467.6
5°	17083.0	16334.7	15571.1	14777.4	13901.1	13009.3	12109.2	11169.4	10145.7	9152.9	8130.4
2.5°	18827.5	18048.7	17207.2	16290.1	15162.1	14023.2	12884.7	11746.5	10527.8	9379.9	8232.7
0°	19603.1	18695.6	17656.3	16623.8	15498.3	14310.3	13036.1	11868.3	10621.2	9453.4	8290.8
-2.5°	18827.5	18048.7	17207.2	16290.1	15162.1	14023.2	12884.7	11746.5	10527.8	9379.9	8232.7
-5°	17083.0	16334.7	15571.1	14777.4	13901.1	13009.3	12109.2	11169.4	10145.7	9152.9	8130.4
-7.5°	14315.7	14061.2	13737.0	13158.6	12435.7	11690.3	10910.2	10094.7	9226.0	8363.7	7467.6
-10°	11274.1	11179.8	11084.9	10927.4	10668.3	10300.0	9684.7	9001.2	8289.8	7550.8	6783.9
-12.5°	8939.9	8809.3	8483.3	8603.1	8569.3	8445.2	8191.9	7828.1	7351.9	6725.3	6094.0
-15°	6928.6	7017.5	6940.1	6710.9	6575.3	6677.6	6627.5	6462.2	6232.8	5845.9	5407.7
-17.5°	5703.0	5548.3	5521.6	5446.8	5304.5	5077.9	5163.9	5193.5	5117.9	4906.5	4649.0
-20°	4566.4	4507.4	4379.0	4331.3	4307.0	4191.5	4023.9	4006.7	4086.1	4045.4	3922.7



REPORT NUMBER: P558870 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-940-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3619.1	3585.0	3547.6	3435.9	3408.9	3416.7	3350.0	3225.6	3149.9	3246.8	3250.0
-25°	2914.1	2822.0	2844.8	2825.1	2736.2	2719.7	2747.3	2716.3	2630.3	2537.9	2639.5
-27.5°	2353.1	2320.4	2275.4	2304.2	2277.3	2215.5	2234.3	2261.6	2237.7	2176.1	2103.5
-30°	1912.2	1923.5	1898.8	1886.4	1909.5	1883.7	1830.7	1884.5	1905.0	1879.5	1815.4
-32.5°	1588.7	1611.7	1609.2	1589.3	1602.4	1610.0	1599.6	1562.6	1609.9	1622.4	1593.5
-35°	1371.7	1367.7	1381.6	1377.2	1355.9	1390.9	1395.6	1373.6	1366.2	1399.0	1397.1
-37.5°	1198.1	1186.4	1201.1	1204.5	1199.1	1205.6	1221.1	1217.9	1197.4	1215.3	1231.2
-40°	1060.8	1054.6	1056.4	1067.8	1069.6	1057.6	1079.4	1084.6	1079.8	1061.6	1087.2
-42.5°	952.8	951.8	943.9	956.2	960.1	957.9	960.3	973.8	973.9	964.1	964.8
-45°	866.7	867.4	860.5	861.6	868.4	869.9	862.9	875.9	880.6	876.2	862.2
-47.5°	795.7	795.5	788.7	780.7	790.6	792.3	788.7	789.3	796.8	794.7	786.9
-50°	734.6	733.1	727.8	718.7	721.2	723.5	720.5	711.4	720.1	722.0	715.7
-52.5°	680.2	677.6	672.4	663.1	658.7	661.3	657.6	650.3	651.6	653.8	648.9
-55°	633.8	627.7	622.0	613.5	603.2	604.2	601.1	593.7	587.2	589.2	586.2
-57.5°	588.8	580.7	573.6	564.5	553.3	549.9	545.9	538.2	527.4	529.0	526.5
-60°	541.1	531.9	524.2	514.7	503.6	496.4	492.4	485.1	474.6	472.1	471.0
-62.5°	491.0	480.6	473.4	465.0	454.9	445.5	440.8	433.8	424.7	418.4	417.5
-65°	441.5	432.6	425.2	416.3	406.0	394.8	390.1	383.9	375.9	367.4	366.1
-67.5°	390.7	382.4	374.5	366.1	356.7	346.3	341.1	335.3	328.9	321.1	319.1
-70°	338.4	331.3	324.1	316.6	308.5	300.1	295.1	290.8	285.1	277.4	272.8
-72.5°	286.0	280.1	274.1	268.5	262.4	255.9	250.6	245.8	239.7	232.1	227.0
-75°	233.6	229.2	224.8	220.6	215.9	210.6	205.5	200.9	195.3	188.9	183.8
-77.5°	182.2	179.6	176.6	173.4	169.7	165.4	160.9	156.9	152.6	147.7	143.4
-80°	135.6	134.1	132.2	129.7	126.7	123.0	118.9	115.9	112.4	109.0	106.3
-82.5°	94.6	93.7	92.4	90.0	87.4	84.7	81.9	80.5	78.8	76.9	74.7
-85°	55.5	54.7	53.9	53.0	52.2	51.2	50.3	49.5	48.5	47.2	45.5
-87.5°	21.5	21.5	21.5	22.1	22.7	23.2	23.5	22.8	22.0	21.2	20.3
-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: P558870 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-940-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°	19.7	19.0	18.2	17.4	16.6	15.6	14.6	13.6	12.6	11.6	10.4
85°	44.0	42.1	39.9	37.4	34.6	31.2	29.2	27.1	25.2	23.1	20.8
82.5°	72.7	70.4	67.7	64.6	61.9	58.3	53.8	48.3	42.2	35.4	31.2
80°	105.4	103.3	99.9	95.4	90.8	85.5	80.4	74.0	66.2	57.5	48.0
77.5°	141.6	138.5	134.3	129.5	123.6	116.8	109.0	100.2	90.1	79.6	68.0
75°	180.8	177.3	172.5	165.9	157.6	148.1	138.7	128.2	116.1	101.9	88.0
72.5°	223.7	218.7	212.0	203.2	193.5	182.3	169.6	156.3	142.8	126.9	108.6
70°	268.2	261.6	253.7	244.3	231.8	216.6	202.1	187.1	169.7	151.9	131.5
67.5°	314.2	306.8	297.1	286.6	273.4	256.5	235.7	218.9	200.2	176.9	154.3
65°	362.0	353.7	341.7	331.2	316.4	297.7	275.4	252.9	230.9	205.8	177.0
62.5°	412.3	403.0	391.6	378.0	361.0	340.4	315.8	291.8	263.0	234.9	202.5
60°	465.5	455.4	443.6	429.1	408.6	384.1	358.9	330.9	299.6	264.0	229.1
57.5°	520.4	509.4	499.6	482.7	459.7	431.1	403.9	373.3	336.2	296.6	255.6
55°	577.4	567.1	558.3	540.1	513.4	481.1	452.7	418.0	374.2	330.1	282.1
52.5°	638.3	631.0	620.4	600.2	570.8	536.4	508.2	463.8	417.2	363.5	311.8
50°	702.5	702.3	688.4	663.9	630.3	601.9	566.4	518.4	460.9	398.7	342.0
47.5°	781.7	780.6	764.1	732.3	693.9	672.3	632.3	575.8	505.3	439.0	372.4
45°	871.7	865.6	845.5	809.9	775.5	752.4	703.5	635.3	559.4	480.1	402.8
42.5°	971.5	960.7	932.8	891.3	877.3	840.8	778.5	703.0	615.0	521.3	436.4
40°	1088.4	1065.6	1027.0	1006.0	991.5	936.7	865.1	774.2	671.6	565.3	472.1
37.5°	1217.7	1184.3	1132.9	1148.7	1118.5	1050.8	957.8	847.8	730.9	615.2	507.3
35°	1369.0	1316.6	1317.8	1315.5	1264.1	1172.7	1055.2	927.5	796.5	664.9	542.0
32.5°	1534.5	1520.8	1544.2	1506.5	1423.3	1302.2	1164.3	1015.2	863.0	714.2	576.1
30°	1769.4	1825.7	1800.8	1716.4	1599.2	1450.7	1281.4	1105.0	930.1	763.1	611.2
27.5°	2174.6	2172.6	2089.8	1959.1	1796.4	1608.2	1399.9	1196.3	997.5	814.1	651.0
25°	2631.9	2566.4	2423.9	2226.1	2005.6	1765.8	1520.2	1289.0	1070.8	869.2	689.6
22.5°	3154.2	2995.3	2786.2	2510.5	2212.6	1927.9	1648.4	1390.4	1146.6	923.2	726.9
20°	3719.0	3452.7	3165.2	2789.2	2435.9	2104.4	1784.1	1490.8	1221.3	975.9	762.6
17.5°	4323.9	3924.8	3526.3	3091.2	2670.3	2282.5	1919.5	1589.6	1294.4	1026.7	796.6
15°	4909.9	4396.8	3897.9	3395.2	2905.7	2460.1	2053.3	1685.9	1365.2	1075.4	823.3
12.5°	5487.6	4875.2	4274.8	3697.7	3139.2	2635.3	2184.0	1778.9	1433.0	1110.3	840.7
10°	6064.2	5353.6	4651.3	3995.1	3367.9	2805.9	2310.0	1851.4	1465.0	1132.6	855.1
7.5°	6632.1	5824.5	5021.5	4283.1	3564.9	2917.5	2363.9	1884.2	1486.1	1150.7	866.5
5°	7095.4	6131.8	5189.9	4368.5	3620.2	2961.7	2397.1	1909.7	1500.6	1164.3	874.8
2.5°	7158.0	6182.3	5214.9	4402.2	3657.2	2992.1	2419.2	1927.3	1508.8	1173.4	880.0
0°	7182.2	6198.6	5211.7	4412.4	3675.6	3008.1	2430.1	1936.7	1510.8	1177.9	882.1
-2.5°	7158.0	6182.3	5214.9	4402.2	3657.2	2992.1	2419.2	1927.3	1508.8	1173.4	880.0
-5°	7095.4	6131.8	5189.9	4368.5	3620.2	2961.7	2397.1	1909.7	1500.6	1164.3	874.8
-7.5°	6632.1	5824.5	5021.5	4283.1	3564.9	2917.5	2363.9	1884.2	1486.1	1150.7	866.5
-10°	6064.2	5353.6	4651.3	3995.1	3367.9	2805.9	2310.0	1851.4	1465.0	1132.6	855.1
-12.5°	5487.6	4875.2	4274.8	3697.7	3139.2	2635.3	2184.0	1778.9	1433.0	1110.3	840.7
-15°	4909.9	4396.8	3897.9	3395.2	2905.7	2460.1	2053.3	1685.9	1365.2	1075.4	823.3
-17.5°	4323.9	3924.8	3526.3	3091.2	2670.3	2282.5	1919.5	1589.6	1294.4	1026.7	796.6
-20°	3719.0	3452.7	3165.2	2789.2	2435.9	2104.4	1784.1	1490.8	1221.3	975.9	762.6



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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°	3154.2	2995.3	2786.2	2510.5	2212.6	1927.9	1648.4	1390.4	1146.6	923.2	726.9
-25°	2631.9	2566.4	2423.9	2226.1	2005.6	1765.8	1520.2	1289.0	1070.8	869.2	689.6
-27.5°	2174.6	2172.6	2089.8	1959.1	1796.4	1608.2	1399.9	1196.3	997.5	814.1	651.0
-30°	1769.4	1825.7	1800.8	1716.4	1599.2	1450.7	1281.4	1105.0	930.1	763.1	611.2
-32.5°	1534.5	1520.8	1544.2	1506.5	1423.3	1302.2	1164.3	1015.2	863.0	714.2	576.1
-35°	1369.0	1316.6	1317.8	1315.5	1264.1	1172.7	1055.2	927.5	796.5	664.9	542.0
-37.5°	1217.7	1184.3	1132.9	1148.7	1118.5	1050.8	957.8	847.8	730.9	615.2	507.3
-40°	1088.4	1065.6	1027.0	1006.0	991.5	936.7	865.1	774.2	671.6	565.3	472.1
-42.5°	971.5	960.7	932.8	891.3	877.3	840.8	778.5	703.0	615.0	521.3	436.4
-45°	871.7	865.6	845.5	809.9	775.5	752.4	703.5	635.3	559.4	480.1	402.8
-47.5°	781.7	780.6	764.1	732.3	693.9	672.3	632.3	575.8	505.3	439.0	372.4
-50°	702.5	702.3	688.4	663.9	630.3	601.9	566.4	518.4	460.9	398.7	342.0
-52.5°	638.3	631.0	620.4	600.2	570.8	536.4	508.2	463.8	417.2	363.5	311.8
-55°	577.4	567.1	558.3	540.1	513.4	481.1	452.7	418.0	374.2	330.1	282.1
-57.5°	520.4	509.4	499.6	482.7	459.7	431.1	403.9	373.3	336.2	296.6	255.6
-60°	465.5	455.4	443.6	429.1	408.6	384.1	358.9	330.9	299.6	264.0	229.1
-62.5°	412.3	403.0	391.6	378.0	361.0	340.4	315.8	291.8	263.0	234.9	202.5
-65°	362.0	353.7	341.7	331.2	316.4	297.7	275.4	252.9	230.9	205.8	177.0
-67.5°	314.2	306.8	297.1	286.6	273.4	256.5	235.7	218.9	200.2	176.9	154.3
-70°	268.2	261.6	253.7	244.3	231.8	216.6	202.1	187.1	169.7	151.9	131.5
-72.5°	223.7	218.7	212.0	203.2	193.5	182.3	169.6	156.3	142.8	126.9	108.6
-75°	180.8	177.3	172.5	165.9	157.6	148.1	138.7	128.2	116.1	101.9	88.0
-77.5°	141.6	138.5	134.3	129.5	123.6	116.8	109.0	100.2	90.1	79.6	68.0
-80°	105.4	103.3	99.9	95.4	90.8	85.5	80.4	74.0	66.2	57.5	48.0
-82.5°	72.7	70.4	67.7	64.6	61.9	58.3	53.8	48.3	42.2	35.4	31.2
-85°	44.0	42.1	39.9	37.4	34.6	31.2	29.2	27.1	25.2	23.1	20.8
-87.5°	19.7	19.0	18.2	17.4	16.6	15.6	14.6	13.6	12.6	11.6	10.4
-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):

	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°	9.2	8.1	6.9	5.5	3.8	1.9	0.0
85°	18.4	16.3	13.8	10.9	7.6	3.8	0.0
82.5°	27.6	24.4	20.7	16.3	11.4	5.7	0.0
80°	37.8	32.5	27.5	21.8	15.2	7.6	0.0
77.5°	55.6	43.2	34.4	27.2	19.0	9.5	0.0
75°	73.4	58.5	42.3	32.5	22.7	11.4	0.0
72.5°	91.0	73.8	54.8	37.9	26.4	13.2	0.0
70°	109.0	88.9	67.3	44.0	30.0	15.0	0.0
67.5°	129.5	103.9	79.7	53.5	33.6	16.8	0.0
65°	150.0	120.2	92.0	63.0	37.1	18.5	0.0
62.5°	170.3	137.8	104.1	72.2	40.5	20.3	0.0
60°	190.6	155.2	116.0	81.4	43.9	21.9	0.0
57.5°	213.6	172.4	130.0	90.3	49.8	23.6	0.0
55°	236.6	189.5	143.9	99.1	55.7	25.2	0.0
52.5°	259.4	206.7	157.6	107.7	61.3	26.7	0.0
50°	281.8	225.5	171.0	116.1	66.9	28.2	0.0
47.5°	304.4	244.0	184.2	124.7	72.2	29.7	0.0
45°	330.7	262.0	197.0	134.3	77.4	31.0	0.0
42.5°	356.8	279.6	209.5	143.7	82.3	32.4	0.0
40°	382.6	296.7	222.4	152.4	87.1	33.6	0.0
37.5°	408.1	313.3	235.5	160.6	91.6	34.8	0.0
35°	433.1	332.1	248.1	168.2	95.9	36.0	0.0
32.5°	458.9	351.8	260.2	175.3	100.0	37.0	0.0
30°	486.3	370.8	271.7	181.8	103.9	38.0	0.0
27.5°	512.9	389.2	281.3	187.9	107.5	38.9	0.0
25°	538.4	406.8	290.1	193.3	110.8	39.8	0.0
22.5°	562.8	422.5	298.3	198.3	113.9	40.6	0.0
20°	586.0	434.5	305.8	202.7	116.7	41.3	0.0
17.5°	603.4	445.0	312.6	206.5	119.2	41.9	0.0
15°	616.5	454.1	318.7	209.8	121.4	42.4	0.0
12.5°	627.6	461.7	324.0	212.5	123.4	42.9	0.0
10°	636.9	467.8	328.5	214.7	125.0	43.2	0.0
7.5°	644.2	472.5	332.2	216.3	126.3	43.5	0.0
5°	649.5	475.8	335.0	217.4	127.3	43.7	0.0
2.5°	652.7	477.7	336.9	218.0	128.0	43.9	0.0
0°	654.0	478.2	338.0	218.0	128.4	43.9	0.0
-2.5°	652.7	477.7	336.9	218.0	128.0	43.9	0.0
-5°	649.5	475.8	335.0	217.4	127.3	43.7	0.0
-7.5°	644.2	472.5	332.2	216.3	126.3	43.5	0.0
-10°	636.9	467.8	328.5	214.7	125.0	43.2	0.0
-12.5°	627.6	461.7	324.0	212.5	123.4	42.9	0.0
-15°	616.5	454.1	318.7	209.8	121.4	42.4	0.0
-17.5°	603.4	445.0	312.6	206.5	119.2	41.9	0.0
-20°	586.0	434.5	305.8	202.7	116.7	41.3	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	562.8	422.5	298.3	198.3	113.9	40.6	0.0
-25°	538.4	406.8	290.1	193.3	110.8	39.8	0.0
-27.5°	512.9	389.2	281.3	187.9	107.5	38.9	0.0
-30°	486.3	370.8	271.7	181.8	103.9	38.0	0.0
-32.5°	458.9	351.8	260.2	175.3	100.0	37.0	0.0
-35°	433.1	332.1	248.1	168.2	95.9	36.0	0.0
-37.5°	408.1	313.3	235.5	160.6	91.6	34.8	0.0
-40°	382.6	296.7	222.4	152.4	87.1	33.6	0.0
-42.5°	356.8	279.6	209.5	143.7	82.3	32.4	0.0
-45°	330.7	262.0	197.0	134.3	77.4	31.0	0.0
-47.5°	304.4	244.0	184.2	124.7	72.2	29.7	0.0
-50°	281.8	225.5	171.0	116.1	66.9	28.2	0.0
-52.5°	259.4	206.7	157.6	107.7	61.3	26.7	0.0
-55°	236.6	189.5	143.9	99.1	55.7	25.2	0.0
-57.5°	213.6	172.4	130.0	90.3	49.8	23.6	0.0
-60°	190.6	155.2	116.0	81.4	43.9	21.9	0.0
-62.5°	170.3	137.8	104.1	72.2	40.5	20.3	0.0
-65°	150.0	120.2	92.0	63.0	37.1	18.5	0.0
-67.5°	129.5	103.9	79.7	53.5	33.6	16.8	0.0
-70°	109.0	88.9	67.3	44.0	30.0	15.0	0.0
-72.5°	91.0	73.8	54.8	37.9	26.4	13.2	0.0
-75°	73.4	58.5	42.3	32.5	22.7	11.4	0.0
-77.5°	55.6	43.2	34.4	27.2	19.0	9.5	0.0
-80°	37.8	32.5	27.5	21.8	15.2	7.6	0.0
-82.5°	27.6	24.4	20.7	16.3	11.4	5.7	0.0
-85°	18.4	16.3	13.8	10.9	7.6	3.8	0.0
-87.5°	9.2	8.1	6.9	5.5	3.8	1.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)