

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: P558742 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-940-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558742 (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-SA2E-940-U-NAT-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (32) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

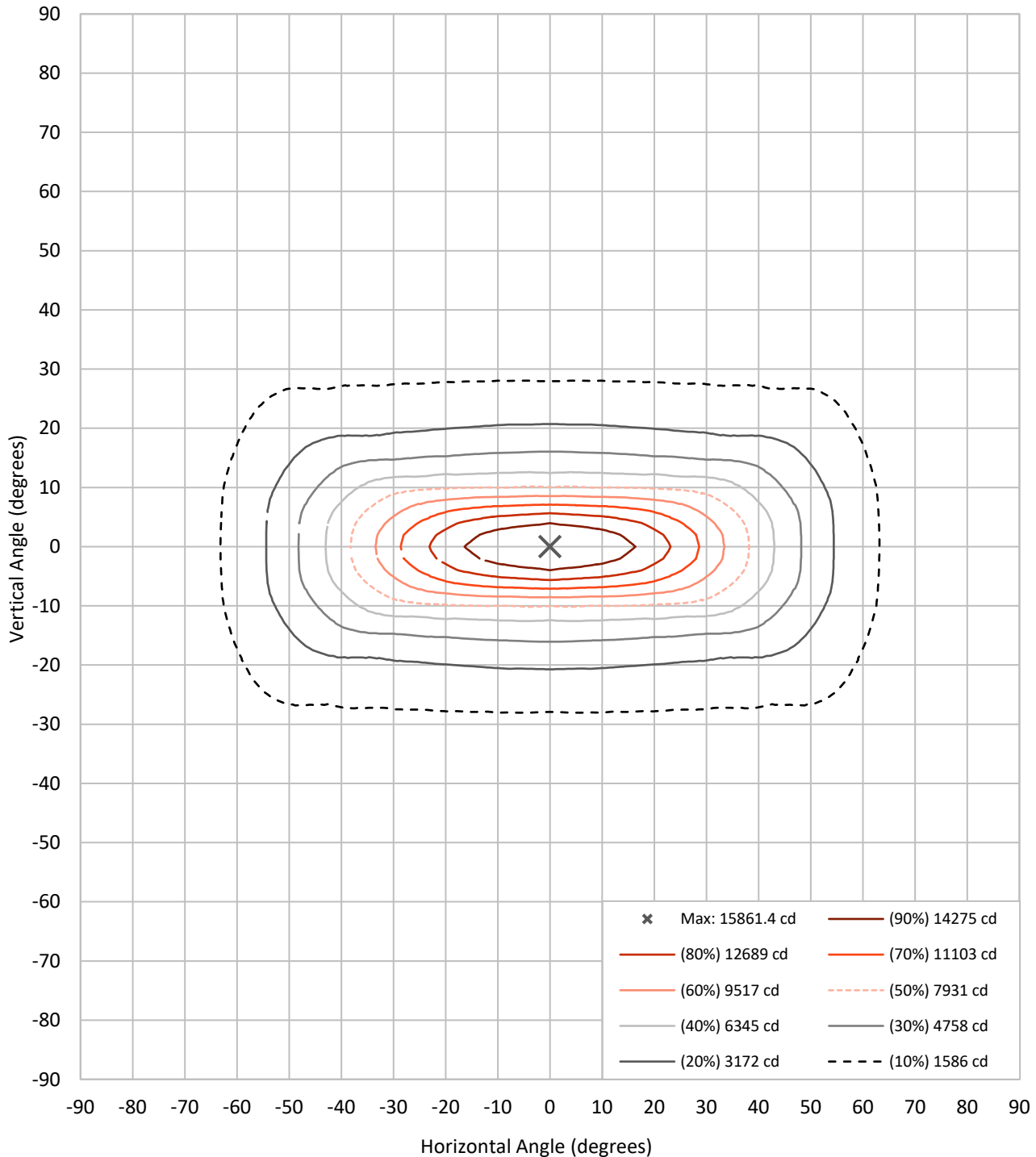
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	11359.7 lumens	Max Intensity:	15861.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	89.4 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	4545 lumens	Field Lumens:	9310.4 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 127
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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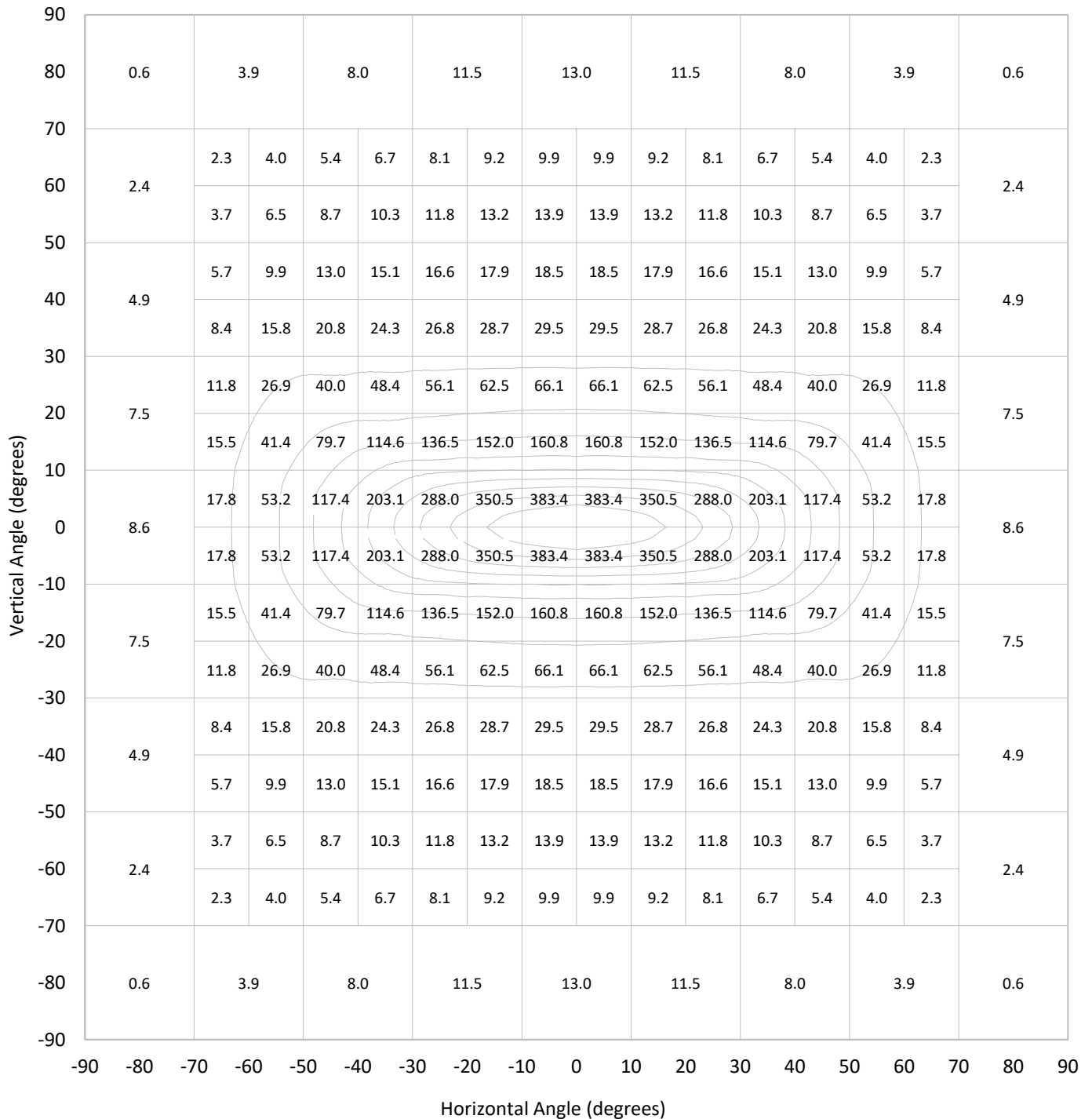
Iso-Candela Plot





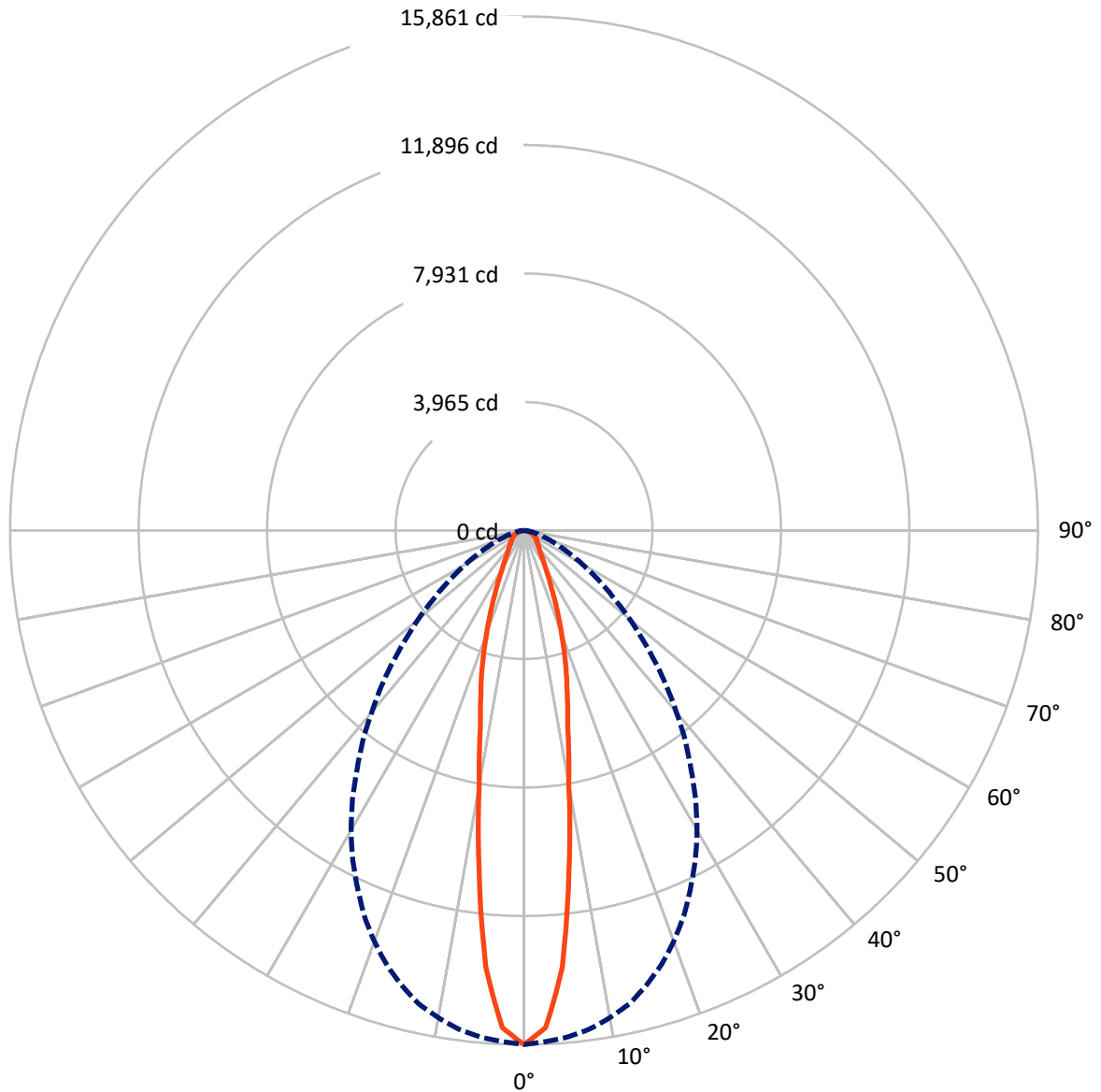
REPORT NUMBER: P558742 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table



REPORT NUMBER: P558742 (CONVERTED FROM TYPE C PHOTOMETRY)
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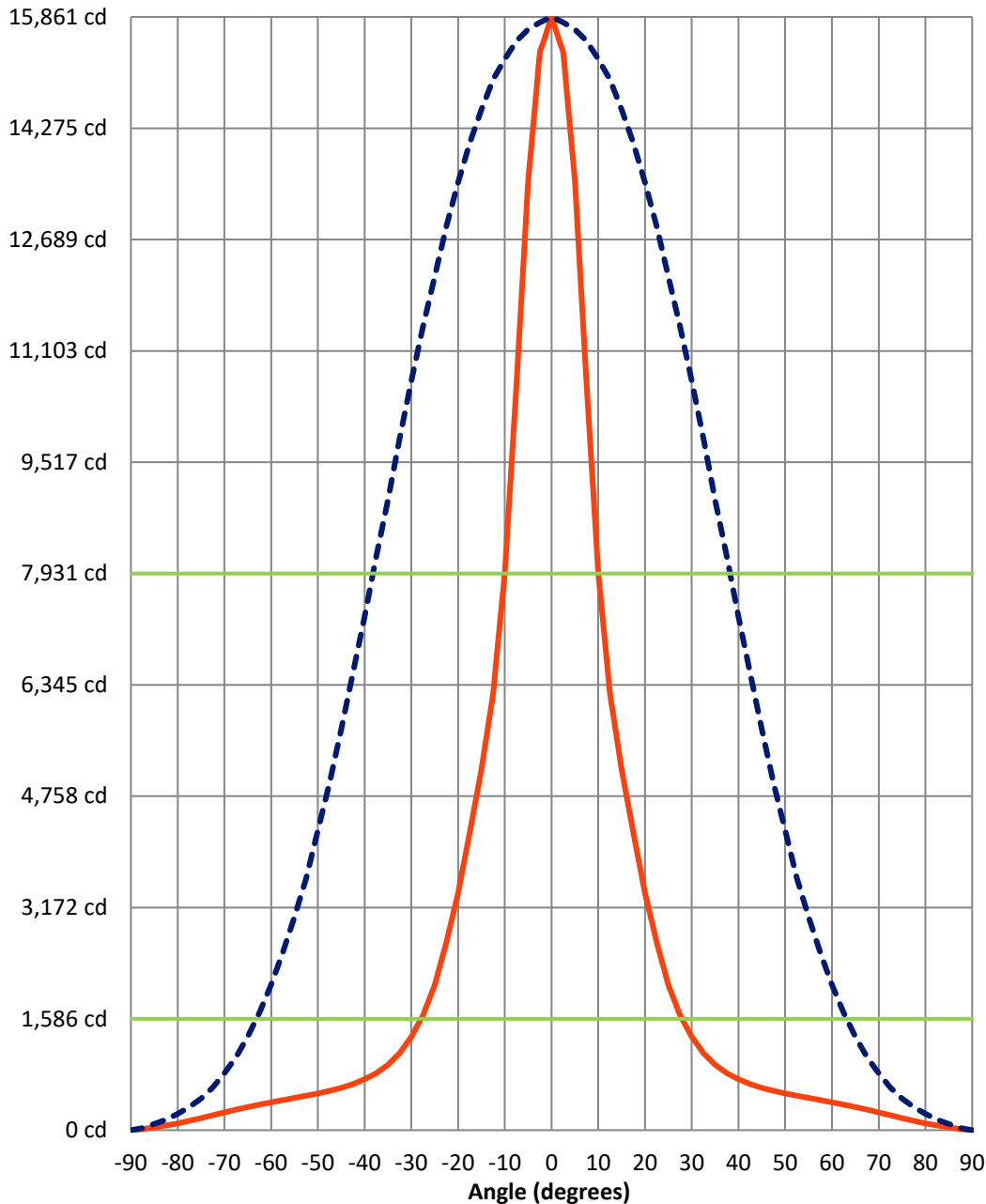
Luminous Intensity Polar Plot



— 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: 4545
 Efficiency: 40.0%

Field:
 H Angle: 126.3°
 V Angle: 55.8°
 Lumens: 9310.4
 Efficiency: 82.0%

Spill:
 Lumens: 2049.3
 Efficiency: 18.0%

— Vertical Distribution through 0-Deg
 - - - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.3	2.6	3.8	4.7	5.6	6.3	7.2	8.0	8.7	9.3
85°	0.0	2.6	5.3	7.5	9.5	11.2	12.6	14.3	15.9	17.3	18.7
82.5°	0.0	4.0	7.9	11.3	14.2	16.8	19.0	21.5	24.3	29.0	33.3
80°	0.0	5.3	10.5	15.0	19.0	22.4	26.0	33.1	39.6	45.6	50.9
77.5°	0.0	6.6	13.1	18.7	23.7	29.7	38.3	46.9	54.8	62.1	69.0
75°	0.0	7.8	15.7	22.4	29.1	40.3	50.5	60.6	70.2	80.0	88.3
72.5°	0.0	9.1	18.2	26.1	37.8	50.8	62.7	74.8	87.4	98.3	107.6
70°	0.0	10.4	20.7	30.3	46.4	61.2	75.1	90.6	104.6	116.8	128.8
67.5°	0.0	11.6	23.2	36.9	54.9	71.6	89.2	106.2	121.8	137.8	150.8
65°	0.0	12.8	25.6	43.4	63.4	82.8	103.3	121.9	141.8	159.1	174.2
62.5°	0.0	14.0	28.0	49.8	71.7	94.9	117.3	139.4	161.8	181.2	201.0
60°	0.0	15.1	30.3	56.1	79.9	106.9	131.2	157.8	181.9	206.3	227.9
57.5°	0.0	16.3	34.4	62.2	89.5	118.8	147.1	176.1	204.3	231.5	257.1
55°	0.0	17.4	38.4	68.3	99.1	130.5	163.0	194.3	227.3	257.7	287.9
52.5°	0.0	18.4	42.3	74.2	108.6	142.3	178.6	214.8	250.3	287.3	319.5
50°	0.0	19.5	46.1	80.0	117.8	155.3	194.1	235.6	274.6	317.4	357.1
47.5°	0.0	20.5	49.8	85.9	126.9	168.0	209.7	256.4	302.3	348.0	396.6
45°	0.0	21.4	53.3	92.5	135.7	180.5	227.8	277.4	330.7	385.3	437.5
42.5°	0.0	22.3	56.7	99.0	144.3	192.6	245.7	300.6	359.0	423.6	484.2
40°	0.0	23.2	60.0	105.0	153.2	204.3	263.5	325.1	389.4	462.5	533.2
37.5°	0.0	24.0	63.2	110.6	162.2	215.8	281.0	349.4	423.7	503.4	583.9
35°	0.0	24.8	66.1	115.8	170.9	228.7	298.3	373.3	457.9	548.6	638.8
32.5°	0.0	25.6	68.9	120.7	179.2	242.3	316.0	396.8	491.9	594.4	699.2
30°	0.0	26.2	71.6	125.2	187.1	255.4	334.9	421.0	525.5	640.6	761.0
27.5°	0.0	26.9	74.1	129.4	193.7	268.1	353.2	448.4	560.7	687.0	823.9
25°	0.0	27.5	76.4	133.2	199.8	280.2	370.8	475.0	598.6	737.5	887.8
22.5°	0.0	28.0	78.5	136.6	205.4	291.0	387.6	500.6	635.8	789.7	957.6
20°	0.0	28.5	80.4	139.6	210.6	299.3	403.6	525.2	672.1	841.2	1026.7
17.5°	0.0	28.9	82.1	142.2	215.3	306.5	415.6	548.6	707.1	891.5	1094.8
15°	0.0	29.3	83.7	144.5	219.5	312.8	424.6	567.0	740.7	940.2	1161.1
12.5°	0.0	29.6	85.0	146.3	223.1	318.0	432.3	579.0	764.7	986.9	1225.1
10°	0.0	29.8	86.1	147.8	226.2	322.2	438.6	588.9	780.1	1009.0	1275.1
7.5°	0.0	30.0	87.1	149.0	228.8	325.5	443.7	596.7	792.5	1023.5	1297.7
5°	0.0	30.2	87.8	149.7	230.7	327.8	447.3	602.5	801.9	1033.5	1315.2
2.5°	0.0	30.3	88.2	150.1	232.1	329.1	449.5	606.1	808.1	1039.1	1327.3
0°	0.0	30.3	88.5	150.1	232.8	329.4	450.4	607.5	811.2	1040.5	1333.8
-2.5°	0.0	30.3	88.2	150.1	232.1	329.1	449.5	606.1	808.1	1039.1	1327.3
-5°	0.0	30.2	87.8	149.7	230.7	327.8	447.3	602.5	801.9	1033.5	1315.2
-7.5°	0.0	30.0	87.1	149.0	228.8	325.5	443.7	596.7	792.5	1023.5	1297.7
-10°	0.0	29.8	86.1	147.8	226.2	322.2	438.6	588.9	780.1	1009.0	1275.1
-12.5°	0.0	29.6	85.0	146.3	223.1	318.0	432.3	579.0	764.7	986.9	1225.1
-15°	0.0	29.3	83.7	144.5	219.5	312.8	424.6	567.0	740.7	940.2	1161.1
-17.5°	0.0	28.9	82.1	142.2	215.3	306.5	415.6	548.6	707.1	891.5	1094.8
-20°	0.0	28.5	80.4	139.6	210.6	299.3	403.6	525.2	672.1	841.2	1026.7



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 CATALOG NUMBER: GFLD-SA2E-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	28.0	78.5	136.6	205.4	291.0	387.6	500.6	635.8	789.7	957.6
-25°	0.0	27.5	76.4	133.2	199.8	280.2	370.8	475.0	598.6	737.5	887.8
-27.5°	0.0	26.9	74.1	129.4	193.7	268.1	353.2	448.4	560.7	687.0	823.9
-30°	0.0	26.2	71.6	125.2	187.1	255.4	334.9	421.0	525.5	640.6	761.0
-32.5°	0.0	25.6	68.9	120.7	179.2	242.3	316.0	396.8	491.9	594.4	699.2
-35°	0.0	24.8	66.1	115.8	170.9	228.7	298.3	373.3	457.9	548.6	638.8
-37.5°	0.0	24.0	63.2	110.6	162.2	215.8	281.0	349.4	423.7	503.4	583.9
-40°	0.0	23.2	60.0	105.0	153.2	204.3	263.5	325.1	389.4	462.5	533.2
-42.5°	0.0	22.3	56.7	99.0	144.3	192.6	245.7	300.6	359.0	423.6	484.2
-45°	0.0	21.4	53.3	92.5	135.7	180.5	227.8	277.4	330.7	385.3	437.5
-47.5°	0.0	20.5	49.8	85.9	126.9	168.0	209.7	256.4	302.3	348.0	396.6
-50°	0.0	19.5	46.1	80.0	117.8	155.3	194.1	235.6	274.6	317.4	357.1
-52.5°	0.0	18.4	42.3	74.2	108.6	142.3	178.6	214.8	250.3	287.3	319.5
-55°	0.0	17.4	38.4	68.3	99.1	130.5	163.0	194.3	227.3	257.7	287.9
-57.5°	0.0	16.3	34.4	62.2	89.5	118.8	147.1	176.1	204.3	231.5	257.1
-60°	0.0	15.1	30.3	56.1	79.9	106.9	131.2	157.8	181.9	206.3	227.9
-62.5°	0.0	14.0	28.0	49.8	71.7	94.9	117.3	139.4	161.8	181.2	201.0
-65°	0.0	12.8	25.6	43.4	63.4	82.8	103.3	121.9	141.8	159.1	174.2
-67.5°	0.0	11.6	23.2	36.9	54.9	71.6	89.2	106.2	121.8	137.8	150.8
-70°	0.0	10.4	20.7	30.3	46.4	61.2	75.1	90.6	104.6	116.8	128.8
-72.5°	0.0	9.1	18.2	26.1	37.8	50.8	62.7	74.8	87.4	98.3	107.6
-75°	0.0	7.8	15.7	22.4	29.1	40.3	50.5	60.6	70.2	80.0	88.3
-77.5°	0.0	6.6	13.1	18.7	23.7	29.7	38.3	46.9	54.8	62.1	69.0
-80°	0.0	5.3	10.5	15.0	19.0	22.4	26.0	33.1	39.6	45.6	50.9
-82.5°	0.0	4.0	7.9	11.3	14.2	16.8	19.0	21.5	24.3	29.0	33.3
-85°	0.0	2.6	5.3	7.5	9.5	11.2	12.6	14.3	15.9	17.3	18.7
-87.5°	0.0	1.3	2.6	3.8	4.7	5.6	6.3	7.2	8.0	8.7	9.3
-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: P558742 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	10.1	10.7	11.4	12.0	12.6	13.1	13.6	14.0	14.6	15.2	15.7
85°	20.1	21.5	23.8	25.7	27.5	29.0	30.3	31.4	32.5	33.4	34.2
82.5°	37.0	40.1	42.6	44.5	46.6	48.5	50.1	51.5	52.9	54.3	55.5
80°	55.3	58.9	62.5	65.7	68.8	71.1	72.6	73.2	75.1	77.4	79.9
77.5°	75.1	80.4	85.1	89.2	92.5	95.4	97.5	98.8	101.7	105.1	108.1
75°	95.5	102.0	108.5	114.3	118.8	122.1	124.5	126.6	130.1	134.5	138.3
72.5°	116.8	125.6	133.3	139.9	146.0	150.6	154.1	156.4	159.9	165.1	169.3
70°	139.2	149.2	159.7	168.2	174.7	180.2	184.7	187.9	191.0	196.3	200.3
67.5°	162.4	176.7	188.3	197.3	204.6	211.3	216.4	219.8	221.2	226.5	231.0
65°	189.7	205.0	217.9	228.1	235.4	243.6	249.4	252.2	253.1	258.9	264.4
62.5°	217.5	234.5	248.6	260.4	269.7	277.6	284.0	287.6	288.2	292.5	298.8
60°	247.2	264.6	281.5	295.5	305.6	313.6	320.6	324.4	325.2	327.0	334.2
57.5°	278.2	296.9	316.6	332.4	344.1	350.8	358.4	362.6	364.3	363.3	370.7
55°	311.9	331.4	353.6	372.0	384.5	390.5	397.7	403.7	405.8	404.5	408.9
52.5°	350.0	369.4	393.2	413.4	427.3	434.6	439.6	447.0	450.3	448.8	447.9
50°	390.1	414.5	434.2	457.3	474.1	483.7	483.9	492.9	497.3	496.0	490.0
47.5°	435.5	463.1	477.9	504.4	526.3	537.6	538.4	542.0	547.4	548.8	543.7
45°	484.5	518.2	534.1	557.8	582.3	596.2	600.4	593.9	603.5	606.5	603.3
42.5°	536.2	579.1	604.3	613.8	642.4	661.7	669.1	664.5	664.0	670.8	670.7
40°	595.8	645.1	682.9	692.9	707.3	733.9	749.6	748.8	731.2	743.7	746.9
37.5°	659.6	723.7	770.4	791.2	780.2	815.7	838.7	848.0	837.0	824.6	838.7
35°	726.8	807.7	870.6	906.0	907.6	906.8	942.9	962.2	963.5	940.9	946.0
32.5°	801.9	896.9	980.3	1037.5	1063.6	1047.5	1056.9	1097.5	1117.4	1108.7	1076.2
30°	882.5	999.1	1101.4	1182.2	1240.3	1257.4	1218.7	1250.4	1294.4	1312.0	1297.9
27.5°	964.1	1107.6	1237.3	1349.3	1439.3	1496.4	1497.7	1448.8	1498.7	1541.2	1557.6
25°	1047.0	1216.1	1381.3	1533.2	1669.4	1767.5	1812.7	1817.9	1747.9	1811.5	1870.8
22.5°	1135.3	1327.8	1523.9	1729.0	1918.9	2062.9	2172.4	2238.3	2236.2	2169.4	2221.5
20°	1228.8	1449.4	1677.7	1921.0	2179.9	2377.9	2561.4	2701.7	2786.1	2814.2	2759.5
17.5°	1322.0	1572.0	1839.1	2128.9	2428.6	2703.0	2977.9	3201.8	3379.2	3524.8	3576.9
15°	1414.2	1694.4	2001.2	2338.3	2684.5	3028.1	3381.6	3724.4	4026.2	4292.7	4450.6
12.5°	1504.2	1815.0	2162.0	2546.7	2944.1	3357.7	3779.4	4197.1	4631.9	5063.4	5391.4
10°	1591.0	1932.5	2319.5	2751.4	3203.4	3687.1	4176.5	4672.2	5200.4	5709.4	6199.3
7.5°	1628.1	2009.4	2455.2	2949.8	3458.4	4011.5	4567.6	5143.1	5760.2	6354.1	6952.4
5°	1651.0	2039.8	2493.3	3008.6	3574.4	4223.1	4886.7	5599.6	6303.8	6987.6	7692.6
2.5°	1666.2	2060.7	2518.8	3031.8	3591.6	4257.9	4929.8	5670.0	6460.2	7250.7	8090.1
0°	1673.7	2071.7	2531.5	3038.9	3589.4	4269.1	4946.5	5710.0	6510.8	7315.0	8174.0
-2.5°	1666.2	2060.7	2518.8	3031.8	3591.6	4257.9	4929.8	5670.0	6460.2	7250.7	8090.1
-5°	1651.0	2039.8	2493.3	3008.6	3574.4	4223.1	4886.7	5599.6	6303.8	6987.6	7692.6
-7.5°	1628.1	2009.4	2455.2	2949.8	3458.4	4011.5	4567.6	5143.1	5760.2	6354.1	6952.4
-10°	1591.0	1932.5	2319.5	2751.4	3203.4	3687.1	4176.5	4672.2	5200.4	5709.4	6199.3
-12.5°	1504.2	1815.0	2162.0	2546.7	2944.1	3357.7	3779.4	4197.1	4631.9	5063.4	5391.4
-15°	1414.2	1694.4	2001.2	2338.3	2684.5	3028.1	3381.6	3724.4	4026.2	4292.7	4450.6
-17.5°	1322.0	1572.0	1839.1	2128.9	2428.6	2703.0	2977.9	3201.8	3379.2	3524.8	3576.9
-20°	1228.8	1449.4	1677.7	1921.0	2179.9	2377.9	2561.4	2701.7	2786.1	2814.2	2759.5



REPORT NUMBER: P558742 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	1135.3	1327.8	1523.9	1729.0	1918.9	2062.9	2172.4	2238.3	2236.2	2169.4	2221.5
-25°	1047.0	1216.1	1381.3	1533.2	1669.4	1767.5	1812.7	1817.9	1747.9	1811.5	1870.8
-27.5°	964.1	1107.6	1237.3	1349.3	1439.3	1496.4	1497.7	1448.8	1498.7	1541.2	1557.6
-30°	882.5	999.1	1101.4	1182.2	1240.3	1257.4	1218.7	1250.4	1294.4	1312.0	1297.9
-32.5°	801.9	896.9	980.3	1037.5	1063.6	1047.5	1056.9	1097.5	1117.4	1108.7	1076.2
-35°	726.8	807.7	870.6	906.0	907.6	906.8	942.9	962.2	963.5	940.9	946.0
-37.5°	659.6	723.7	770.4	791.2	780.2	815.7	838.7	848.0	837.0	824.6	838.7
-40°	595.8	645.1	682.9	692.9	707.3	733.9	749.6	748.8	731.2	743.7	746.9
-42.5°	536.2	579.1	604.3	613.8	642.4	661.7	669.1	664.5	664.0	670.8	670.7
-45°	484.5	518.2	534.1	557.8	582.3	596.2	600.4	593.9	603.5	606.5	603.3
-47.5°	435.5	463.1	477.9	504.4	526.3	537.6	538.4	542.0	547.4	548.8	543.7
-50°	390.1	414.5	434.2	457.3	474.1	483.7	483.9	492.9	497.3	496.0	490.0
-52.5°	350.0	369.4	393.2	413.4	427.3	434.6	439.6	447.0	450.3	448.8	447.9
-55°	311.9	331.4	353.6	372.0	384.5	390.5	397.7	403.7	405.8	404.5	408.9
-57.5°	278.2	296.9	316.6	332.4	344.1	350.8	358.4	362.6	364.3	363.3	370.7
-60°	247.2	264.6	281.5	295.5	305.6	313.6	320.6	324.4	325.2	327.0	334.2
-62.5°	217.5	234.5	248.6	260.4	269.7	277.6	284.0	287.6	288.2	292.5	298.8
-65°	189.7	205.0	217.9	228.1	235.4	243.6	249.4	252.2	253.1	258.9	264.4
-67.5°	162.4	176.7	188.3	197.3	204.6	211.3	216.4	219.8	221.2	226.5	231.0
-70°	139.2	149.2	159.7	168.2	174.7	180.2	184.7	187.9	191.0	196.3	200.3
-72.5°	116.8	125.6	133.3	139.9	146.0	150.6	154.1	156.4	159.9	165.1	169.3
-75°	95.5	102.0	108.5	114.3	118.8	122.1	124.5	126.6	130.1	134.5	138.3
-77.5°	75.1	80.4	85.1	89.2	92.5	95.4	97.5	98.8	101.7	105.1	108.1
-80°	55.3	58.9	62.5	65.7	68.8	71.1	72.6	73.2	75.1	77.4	79.9
-82.5°	37.0	40.1	42.6	44.5	46.6	48.5	50.1	51.5	52.9	54.3	55.5
-85°	20.1	21.5	23.8	25.7	27.5	29.0	30.3	31.4	32.5	33.4	34.2
-87.5°	10.1	10.7	11.4	12.0	12.6	13.1	13.6	14.0	14.6	15.2	15.7
-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: P558742 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-940-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°	16.2	16.0	15.6	15.2	14.8	14.8	14.8	14.7	14.6	14.5	14.3
85°	34.7	35.3	36.0	36.5	37.1	37.7	38.2	38.6	39.0	38.9	38.8
82.5°	56.5	58.3	60.2	62.0	63.6	64.6	65.2	65.6	65.9	66.4	66.8
80°	81.9	84.7	87.2	89.4	91.1	92.4	93.4	94.2	94.8	95.5	96.0
77.5°	110.8	113.9	116.8	119.4	121.6	123.7	125.5	126.9	127.9	129.5	131.0
75°	141.5	145.0	148.6	151.9	154.8	157.9	160.9	163.7	166.2	168.3	169.8
72.5°	172.6	176.3	180.8	184.9	188.8	192.9	197.0	200.6	203.6	206.5	209.2
70°	203.2	206.7	212.4	218.1	223.3	228.2	233.1	237.5	241.4	245.1	248.5
67.5°	234.9	238.5	245.7	252.2	258.0	263.4	269.1	274.2	278.6	282.6	286.0
65°	268.7	271.9	279.7	286.8	292.9	298.0	304.1	309.7	314.6	318.9	322.6
62.5°	303.7	306.9	313.3	320.3	326.1	331.0	338.2	344.5	349.7	354.2	357.9
60°	339.1	341.9	346.8	354.5	361.0	366.4	372.7	378.8	383.9	388.3	392.2
57.5°	376.0	378.7	381.1	388.8	395.1	399.9	405.5	411.5	416.5	420.6	424.6
55°	414.0	416.2	415.4	422.5	428.4	432.4	436.5	442.8	447.8	451.4	455.1
52.5°	452.9	455.5	453.7	456.7	463.1	466.7	468.5	475.3	480.4	483.6	487.0
50°	496.2	498.3	496.7	494.9	501.2	504.9	505.9	511.4	516.1	518.6	521.0
47.5°	543.2	545.7	544.4	537.7	543.2	547.9	548.0	550.4	555.2	557.1	558.5
45°	594.3	599.1	598.1	593.4	592.6	597.4	596.9	595.0	600.6	603.0	603.8
42.5°	661.3	659.7	661.3	658.5	650.1	655.5	656.2	649.3	656.2	659.2	657.5
40°	743.4	728.4	736.6	735.4	727.5	726.3	730.6	725.0	726.1	730.3	727.0
37.5°	841.0	830.3	825.8	829.5	827.2	817.1	825.2	823.2	816.8	823.9	820.8
35°	961.1	957.9	933.8	948.5	951.6	942.0	944.7	948.9	935.0	945.9	944.8
32.5°	1101.7	1108.8	1103.6	1094.6	1108.3	1110.0	1094.1	1113.2	1105.5	1108.3	1115.8
30°	1260.8	1297.4	1315.1	1299.2	1307.7	1324.7	1316.9	1330.2	1336.5	1326.6	1345.4
27.5°	1538.8	1525.9	1568.4	1587.0	1567.1	1598.1	1620.6	1610.6	1643.6	1624.1	1652.0
25°	1892.1	1873.1	1884.5	1945.7	1959.3	1943.6	2007.0	2014.4	2040.6	2043.8	2063.2
22.5°	2307.2	2353.1	2347.8	2366.4	2443.3	2469.1	2492.5	2553.5	2539.6	2594.9	2604.5
20°	2771.3	2886.8	2966.3	2983.0	3015.9	3104.4	3145.0	3193.1	3225.4	3277.8	3322.1
17.5°	3556.4	3497.2	3653.3	3751.3	3802.8	3821.3	3927.8	3962.5	4042.5	4088.2	4133.6
15°	4564.5	4599.0	4528.5	4622.0	4779.8	4833.2	4771.9	4914.9	4955.1	5032.1	5045.7
12.5°	5642.0	5816.4	5901.9	5925.1	5842.7	6067.2	6157.1	6044.2	6172.3	6149.2	6254.5
10°	6670.1	7093.9	7347.5	7526.0	7634.5	7699.8	7764.7	7881.4	7883.4	7969.9	7919.4
7.5°	7514.1	8051.4	8564.7	9062.7	9461.0	9684.3	9859.6	10027.7	10252.1	10359.6	10429.4
5°	8339.9	8959.8	9574.0	10177.6	10724.2	11250.0	11765.5	12212.5	12449.4	12726.3	12973.1
2.5°	8874.0	9658.1	10442.5	11219.4	11851.0	12430.5	12966.9	13465.1	13902.2	14306.5	14648.0
0°	8978.2	9855.8	10674.0	11449.2	12160.3	12876.1	13501.1	14064.4	14540.4	14969.9	15259.7
-2.5°	8874.0	9658.1	10442.5	11219.4	11851.0	12430.5	12966.9	13465.1	13902.2	14306.5	14648.0
-5°	8339.9	8959.8	9574.0	10177.6	10724.2	11250.0	11765.5	12212.5	12449.4	12726.3	12973.1
-7.5°	7514.1	8051.4	8564.7	9062.7	9461.0	9684.3	9859.6	10027.7	10252.1	10359.6	10429.4
-10°	6670.1	7093.9	7347.5	7526.0	7634.5	7699.8	7764.7	7881.4	7883.4	7969.9	7919.4
-12.5°	5642.0	5816.4	5901.9	5925.1	5842.7	6067.2	6157.1	6044.2	6172.3	6149.2	6254.5
-15°	4564.5	4599.0	4528.5	4622.0	4779.8	4833.2	4771.9	4914.9	4955.1	5032.1	5045.7
-17.5°	3556.4	3497.2	3653.3	3751.3	3802.8	3821.3	3927.8	3962.5	4042.5	4088.2	4133.6
-20°	2771.3	2886.8	2966.3	2983.0	3015.9	3104.4	3145.0	3193.1	3225.4	3277.8	3322.1



REPORT NUMBER: P558742 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-940-U-NAT-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2307.2	2353.1	2347.8	2366.4	2443.3	2469.1	2492.5	2553.5	2539.6	2594.9	2604.5
-25°	1892.1	1873.1	1884.5	1945.7	1959.3	1943.6	2007.0	2014.4	2040.6	2043.8	2063.2
-27.5°	1538.8	1525.9	1568.4	1587.0	1567.1	1598.1	1620.6	1610.6	1643.6	1624.1	1652.0
-30°	1260.8	1297.4	1315.1	1299.2	1307.7	1324.7	1316.9	1330.2	1336.5	1326.6	1345.4
-32.5°	1101.7	1108.8	1103.6	1094.6	1108.3	1110.0	1094.1	1113.2	1105.5	1108.3	1115.8
-35°	961.1	957.9	933.8	948.5	951.6	942.0	944.7	948.9	935.0	945.9	944.8
-37.5°	841.0	830.3	825.8	829.5	827.2	817.1	825.2	823.2	816.8	823.9	820.8
-40°	743.4	728.4	736.6	735.4	727.5	726.3	730.6	725.0	726.1	730.3	727.0
-42.5°	661.3	659.7	661.3	658.5	650.1	655.5	656.2	649.3	656.2	659.2	657.5
-45°	594.3	599.1	598.1	593.4	592.6	597.4	596.9	595.0	600.6	603.0	603.8
-47.5°	543.2	545.7	544.4	537.7	543.2	547.9	548.0	550.4	555.2	557.1	558.5
-50°	496.2	498.3	496.7	494.9	501.2	504.9	505.9	511.4	516.1	518.6	521.0
-52.5°	452.9	455.5	453.7	456.7	463.1	466.7	468.5	475.3	480.4	483.6	487.0
-55°	414.0	416.2	415.4	422.5	428.4	432.4	436.5	442.8	447.8	451.4	455.1
-57.5°	376.0	378.7	381.1	388.8	395.1	399.9	405.5	411.5	416.5	420.6	424.6
-60°	339.1	341.9	346.8	354.5	361.0	366.4	372.7	378.8	383.9	388.3	392.2
-62.5°	303.7	306.9	313.3	320.3	326.1	331.0	338.2	344.5	349.7	354.2	357.9
-65°	268.7	271.9	279.7	286.8	292.9	298.0	304.1	309.7	314.6	318.9	322.6
-67.5°	234.9	238.5	245.7	252.2	258.0	263.4	269.1	274.2	278.6	282.6	286.0
-70°	203.2	206.7	212.4	218.1	223.3	228.2	233.1	237.5	241.4	245.1	248.5
-72.5°	172.6	176.3	180.8	184.9	188.8	192.9	197.0	200.6	203.6	206.5	209.2
-75°	141.5	145.0	148.6	151.9	154.8	157.9	160.9	163.7	166.2	168.3	169.8
-77.5°	110.8	113.9	116.8	119.4	121.6	123.7	125.5	126.9	127.9	129.5	131.0
-80°	81.9	84.7	87.2	89.4	91.1	92.4	93.4	94.2	94.8	95.5	96.0
-82.5°	56.5	58.3	60.2	62.0	63.6	64.6	65.2	65.6	65.9	66.4	66.8
-85°	34.7	35.3	36.0	36.5	37.1	37.7	38.2	38.6	39.0	38.9	38.8
-87.5°	16.2	16.0	15.6	15.2	14.8	14.8	14.8	14.7	14.6	14.5	14.3
-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: P558742 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-940-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°	14.2	13.9	14.5	15.1	14.5	13.9	14.2	14.3	14.5	14.6	14.7
85°	38.6	38.2	39.0	39.6	39.0	38.2	38.6	38.8	38.9	39.0	38.6
82.5°	67.1	67.2	67.4	67.5	67.4	67.2	67.1	66.8	66.4	65.9	65.6
80°	96.2	96.2	95.9	95.4	95.9	96.2	96.2	96.0	95.5	94.8	94.2
77.5°	132.2	133.1	133.6	133.8	133.6	133.1	132.2	131.0	129.5	127.9	126.9
75°	170.9	171.4	171.5	171.1	171.5	171.4	170.9	169.8	168.3	166.2	163.7
72.5°	211.3	213.0	213.3	213.0	213.3	213.0	211.3	209.2	206.5	203.6	200.6
70°	251.3	253.5	253.5	252.6	253.5	253.5	251.3	248.5	245.1	241.4	237.5
67.5°	288.7	290.7	292.3	293.3	292.3	290.7	288.7	286.0	282.6	278.6	274.2
65°	325.6	327.8	329.0	329.4	329.0	327.8	325.6	322.6	318.9	314.6	309.7
62.5°	360.7	362.7	363.9	364.3	363.9	362.7	360.7	357.9	354.2	349.7	344.5
60°	395.3	397.4	397.8	396.9	397.8	397.4	395.3	392.2	388.3	383.9	378.8
57.5°	427.7	430.0	429.9	428.3	429.9	430.0	427.7	424.6	420.6	416.5	411.5
55°	457.7	459.4	460.0	459.7	460.0	459.4	457.7	455.1	451.4	447.8	442.8
52.5°	489.5	490.8	491.4	491.2	491.4	490.8	489.5	487.0	483.6	480.4	475.3
50°	522.6	522.8	522.7	522.6	522.7	522.8	522.6	521.0	518.6	516.1	511.4
47.5°	560.5	561.0	561.0	561.0	561.0	561.0	560.5	558.5	557.1	555.2	550.4
45°	605.3	604.1	602.8	602.9	602.8	604.1	605.3	603.8	603.0	600.6	595.0
42.5°	659.1	657.7	656.0	656.4	656.0	657.7	659.1	657.5	659.2	656.2	649.3
40°	729.9	729.5	727.2	726.3	727.2	729.5	729.9	727.0	730.3	726.1	725.0
37.5°	821.3	820.0	814.7	812.4	814.7	820.0	821.3	820.8	823.9	816.8	823.2
35°	941.6	939.8	931.7	932.3	931.7	939.8	941.6	944.8	945.9	935.0	948.9
32.5°	1112.0	1112.7	1100.4	1097.5	1100.4	1112.7	1112.0	1115.8	1108.3	1105.5	1113.2
30°	1333.7	1338.6	1324.2	1330.3	1324.2	1338.6	1333.7	1345.4	1326.6	1336.5	1330.2
27.5°	1651.4	1660.7	1647.9	1637.6	1647.9	1660.7	1651.4	1652.0	1624.1	1643.6	1610.6
25°	2088.7	2095.6	2081.0	2068.2	2081.0	2095.6	2088.7	2063.2	2043.8	2040.6	2014.4
22.5°	2657.9	2657.5	2656.7	2676.9	2656.7	2657.5	2657.9	2604.5	2594.9	2539.6	2553.5
20°	3350.7	3333.9	3359.0	3375.3	3359.0	3333.9	3350.7	3322.1	3277.8	3225.4	3193.1
17.5°	4144.2	4175.7	4199.8	4240.0	4199.8	4175.7	4144.2	4133.6	4088.2	4042.5	3962.5
15°	5079.9	5127.4	5151.5	5138.6	5151.5	5127.4	5079.9	5045.7	5032.1	4955.1	4914.9
12.5°	6258.2	6314.9	6273.0	6221.0	6273.0	6314.9	6258.2	6254.5	6149.2	6172.3	6044.2
10°	7920.1	8042.2	8049.0	7947.0	8049.0	8042.2	7920.1	7919.4	7969.9	7883.4	7881.4
7.5°	10470.0	10529.3	10619.4	10624.0	10619.4	10529.3	10470.0	10429.4	10359.6	10252.1	10027.7
5°	13085.0	13243.0	13344.8	13520.9	13344.8	13243.0	13085.0	12973.1	12726.3	12449.4	12212.5
2.5°	14868.4	15072.6	15151.0	15350.5	15151.0	15072.6	14868.4	14648.0	14306.5	13902.2	13465.1
0°	15518.1	15683.4	15782.3	15861.4	15782.3	15683.4	15518.1	15259.7	14969.9	14540.4	14064.4
-2.5°	14868.4	15072.6	15151.0	15350.5	15151.0	15072.6	14868.4	14648.0	14306.5	13902.2	13465.1
-5°	13085.0	13243.0	13344.8	13520.9	13344.8	13243.0	13085.0	12973.1	12726.3	12449.4	12212.5
-7.5°	10470.0	10529.3	10619.4	10624.0	10619.4	10529.3	10470.0	10429.4	10359.6	10252.1	10027.7
-10°	7920.1	8042.2	8049.0	7947.0	8049.0	8042.2	7920.1	7919.4	7969.9	7883.4	7881.4
-12.5°	6258.2	6314.9	6273.0	6221.0	6273.0	6314.9	6258.2	6254.5	6149.2	6172.3	6044.2
-15°	5079.9	5127.4	5151.5	5138.6	5151.5	5127.4	5079.9	5045.7	5032.1	4955.1	4914.9
-17.5°	4144.2	4175.7	4199.8	4240.0	4199.8	4175.7	4144.2	4133.6	4088.2	4042.5	3962.5
-20°	3350.7	3333.9	3359.0	3375.3	3359.0	3333.9	3350.7	3322.1	3277.8	3225.4	3193.1



REPORT NUMBER: P558742 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	2657.9	2657.5	2656.7	2676.9	2656.7	2657.5	2657.9	2604.5	2594.9	2539.6	2553.5
-25°	2088.7	2095.6	2081.0	2068.2	2081.0	2095.6	2088.7	2063.2	2043.8	2040.6	2014.4
-27.5°	1651.4	1660.7	1647.9	1637.6	1647.9	1660.7	1651.4	1652.0	1624.1	1643.6	1610.6
-30°	1333.7	1338.6	1324.2	1330.3	1324.2	1338.6	1333.7	1345.4	1326.6	1336.5	1330.2
-32.5°	1112.0	1112.7	1100.4	1097.5	1100.4	1112.7	1112.0	1115.8	1108.3	1105.5	1113.2
-35°	941.6	939.8	931.7	932.3	931.7	939.8	941.6	944.8	945.9	935.0	948.9
-37.5°	821.3	820.0	814.7	812.4	814.7	820.0	821.3	820.8	823.9	816.8	823.2
-40°	729.9	729.5	727.2	726.3	727.2	729.5	729.9	727.0	730.3	726.1	725.0
-42.5°	659.1	657.7	656.0	656.4	656.0	657.7	659.1	657.5	659.2	656.2	649.3
-45°	605.3	604.1	602.8	602.9	602.8	604.1	605.3	603.8	603.0	600.6	595.0
-47.5°	560.5	561.0	561.0	561.0	561.0	561.0	560.5	558.5	557.1	555.2	550.4
-50°	522.6	522.8	522.7	522.6	522.7	522.8	522.6	521.0	518.6	516.1	511.4
-52.5°	489.5	490.8	491.4	491.2	491.4	490.8	489.5	487.0	483.6	480.4	475.3
-55°	457.7	459.4	460.0	459.7	460.0	459.4	457.7	455.1	451.4	447.8	442.8
-57.5°	427.7	430.0	429.9	428.3	429.9	430.0	427.7	424.6	420.6	416.5	411.5
-60°	395.3	397.4	397.8	396.9	397.8	397.4	395.3	392.2	388.3	383.9	378.8
-62.5°	360.7	362.7	363.9	364.3	363.9	362.7	360.7	357.9	354.2	349.7	344.5
-65°	325.6	327.8	329.0	329.4	329.0	327.8	325.6	322.6	318.9	314.6	309.7
-67.5°	288.7	290.7	292.3	293.3	292.3	290.7	288.7	286.0	282.6	278.6	274.2
-70°	251.3	253.5	253.5	252.6	253.5	253.5	251.3	248.5	245.1	241.4	237.5
-72.5°	211.3	213.0	213.3	213.0	213.3	213.0	211.3	209.2	206.5	203.6	200.6
-75°	170.9	171.4	171.5	171.1	171.5	171.4	170.9	169.8	168.3	166.2	163.7
-77.5°	132.2	133.1	133.6	133.8	133.6	133.1	132.2	131.0	129.5	127.9	126.9
-80°	96.2	96.2	95.9	95.4	95.9	96.2	96.2	96.0	95.5	94.8	94.2
-82.5°	67.1	67.2	67.4	67.5	67.4	67.2	67.1	66.8	66.4	65.9	65.6
-85°	38.6	38.2	39.0	39.6	39.0	38.2	38.6	38.8	38.9	39.0	38.6
-87.5°	14.2	13.9	14.5	15.1	14.5	13.9	14.2	14.3	14.5	14.6	14.7
-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: P558742 (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°	14.8	14.8	14.8	15.2	15.6	16.0	16.2	15.7	15.2	14.6	14.0
85°	38.2	37.7	37.1	36.5	36.0	35.3	34.7	34.2	33.4	32.5	31.4
82.5°	65.2	64.6	63.6	62.0	60.2	58.3	56.5	55.5	54.3	52.9	51.5
80°	93.4	92.4	91.1	89.4	87.2	84.7	81.9	79.9	77.4	75.1	73.2
77.5°	125.5	123.7	121.6	119.4	116.8	113.9	110.8	108.1	105.1	101.7	98.8
75°	160.9	157.9	154.8	151.9	148.6	145.0	141.5	138.3	134.5	130.1	126.6
72.5°	197.0	192.9	188.8	184.9	180.8	176.3	172.6	169.3	165.1	159.9	156.4
70°	233.1	228.2	223.3	218.1	212.4	206.7	203.2	200.3	196.3	191.0	187.9
67.5°	269.1	263.4	258.0	252.2	245.7	238.5	234.9	231.0	226.5	221.2	219.8
65°	304.1	298.0	292.9	286.8	279.7	271.9	268.7	264.4	258.9	253.1	252.2
62.5°	338.2	331.0	326.1	320.3	313.3	306.9	303.7	298.8	292.5	288.2	287.6
60°	372.7	366.4	361.0	354.5	346.8	341.9	339.1	334.2	327.0	325.2	324.4
57.5°	405.5	399.9	395.1	388.8	381.1	378.7	376.0	370.7	363.3	364.3	362.6
55°	436.5	432.4	428.4	422.5	415.4	416.2	414.0	408.9	404.5	405.8	403.7
52.5°	468.5	466.7	463.1	456.7	453.7	455.5	452.9	447.9	448.8	450.3	447.0
50°	505.9	504.9	501.2	494.9	496.7	498.3	496.2	490.0	496.0	497.3	492.9
47.5°	548.0	547.9	543.2	537.7	544.4	545.7	543.2	543.7	548.8	547.4	542.0
45°	596.9	597.4	592.6	593.4	598.1	599.1	594.3	603.3	606.5	603.5	593.9
42.5°	656.2	655.5	650.1	658.5	661.3	659.7	661.3	670.7	670.8	664.0	664.5
40°	730.6	726.3	727.5	735.4	736.6	728.4	743.4	746.9	743.7	731.2	748.8
37.5°	825.2	817.1	827.2	829.5	825.8	830.3	841.0	838.7	824.6	837.0	848.0
35°	944.7	942.0	951.6	948.5	933.8	957.9	961.1	946.0	940.9	963.5	962.2
32.5°	1094.1	1110.0	1108.3	1094.6	1103.6	1108.8	1101.7	1076.2	1108.7	1117.4	1097.5
30°	1316.9	1324.7	1307.7	1299.2	1315.1	1297.4	1260.8	1297.9	1312.0	1294.4	1250.4
27.5°	1620.6	1598.1	1567.1	1587.0	1568.4	1525.9	1538.8	1557.6	1541.2	1498.7	1448.8
25°	2007.0	1943.6	1959.3	1945.7	1884.5	1873.1	1892.1	1870.8	1811.5	1747.9	1817.9
22.5°	2492.5	2469.1	2443.3	2366.4	2347.8	2353.1	2307.2	2221.5	2169.4	2236.2	2238.3
20°	3145.0	3104.4	3015.9	2983.0	2966.3	2886.8	2771.3	2759.5	2814.2	2786.1	2701.7
17.5°	3927.8	3821.3	3802.8	3751.3	3653.3	3497.2	3556.4	3576.9	3524.8	3379.2	3201.8
15°	4771.9	4833.2	4779.8	4622.0	4528.5	4599.0	4564.5	4450.6	4292.7	4026.2	3724.4
12.5°	6157.1	6067.2	5842.7	5925.1	5901.9	5816.4	5642.0	5391.4	5063.4	4631.9	4197.1
10°	7764.7	7699.8	7634.5	7526.0	7347.5	7093.9	6670.1	6199.3	5709.4	5200.4	4672.2
7.5°	9859.6	9684.3	9461.0	9062.7	8564.7	8051.4	7514.1	6952.4	6354.1	5760.2	5143.1
5°	11765.5	11250.0	10724.2	10177.6	9574.0	8959.8	8339.9	7692.6	6987.6	6303.8	5599.6
2.5°	12966.9	12430.5	11851.0	11219.4	10442.5	9658.1	8874.0	8090.1	7250.7	6460.2	5670.0
0°	13501.1	12876.1	12160.3	11449.2	10674.0	9855.8	8978.2	8174.0	7315.0	6510.8	5710.0
-2.5°	12966.9	12430.5	11851.0	11219.4	10442.5	9658.1	8874.0	8090.1	7250.7	6460.2	5670.0
-5°	11765.5	11250.0	10724.2	10177.6	9574.0	8959.8	8339.9	7692.6	6987.6	6303.8	5599.6
-7.5°	9859.6	9684.3	9461.0	9062.7	8564.7	8051.4	7514.1	6952.4	6354.1	5760.2	5143.1
-10°	7764.7	7699.8	7634.5	7526.0	7347.5	7093.9	6670.1	6199.3	5709.4	5200.4	4672.2
-12.5°	6157.1	6067.2	5842.7	5925.1	5901.9	5816.4	5642.0	5391.4	5063.4	4631.9	4197.1
-15°	4771.9	4833.2	4779.8	4622.0	4528.5	4599.0	4564.5	4450.6	4292.7	4026.2	3724.4
-17.5°	3927.8	3821.3	3802.8	3751.3	3653.3	3497.2	3556.4	3576.9	3524.8	3379.2	3201.8
-20°	3145.0	3104.4	3015.9	2983.0	2966.3	2886.8	2771.3	2759.5	2814.2	2786.1	2701.7



REPORT NUMBER: P558742 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2492.5	2469.1	2443.3	2366.4	2347.8	2353.1	2307.2	2221.5	2169.4	2236.2	2238.3
-25°	2007.0	1943.6	1959.3	1945.7	1884.5	1873.1	1892.1	1870.8	1811.5	1747.9	1817.9
-27.5°	1620.6	1598.1	1567.1	1587.0	1568.4	1525.9	1538.8	1557.6	1541.2	1498.7	1448.8
-30°	1316.9	1324.7	1307.7	1299.2	1315.1	1297.4	1260.8	1297.9	1312.0	1294.4	1250.4
-32.5°	1094.1	1110.0	1108.3	1094.6	1103.6	1108.8	1101.7	1076.2	1108.7	1117.4	1097.5
-35°	944.7	942.0	951.6	948.5	933.8	957.9	961.1	946.0	940.9	963.5	962.2
-37.5°	825.2	817.1	827.2	829.5	825.8	830.3	841.0	838.7	824.6	837.0	848.0
-40°	730.6	726.3	727.5	735.4	736.6	728.4	743.4	746.9	743.7	731.2	748.8
-42.5°	656.2	655.5	650.1	658.5	661.3	659.7	661.3	670.7	670.8	664.0	664.5
-45°	596.9	597.4	592.6	593.4	598.1	599.1	594.3	603.3	606.5	603.5	593.9
-47.5°	548.0	547.9	543.2	537.7	544.4	545.7	543.2	543.7	548.8	547.4	542.0
-50°	505.9	504.9	501.2	494.9	496.7	498.3	496.2	490.0	496.0	497.3	492.9
-52.5°	468.5	466.7	463.1	456.7	453.7	455.5	452.9	447.9	448.8	450.3	447.0
-55°	436.5	432.4	428.4	422.5	415.4	416.2	414.0	408.9	404.5	405.8	403.7
-57.5°	405.5	399.9	395.1	388.8	381.1	378.7	376.0	370.7	363.3	364.3	362.6
-60°	372.7	366.4	361.0	354.5	346.8	341.9	339.1	334.2	327.0	325.2	324.4
-62.5°	338.2	331.0	326.1	320.3	313.3	306.9	303.7	298.8	292.5	288.2	287.6
-65°	304.1	298.0	292.9	286.8	279.7	271.9	268.7	264.4	258.9	253.1	252.2
-67.5°	269.1	263.4	258.0	252.2	245.7	238.5	234.9	231.0	226.5	221.2	219.8
-70°	233.1	228.2	223.3	218.1	212.4	206.7	203.2	200.3	196.3	191.0	187.9
-72.5°	197.0	192.9	188.8	184.9	180.8	176.3	172.6	169.3	165.1	159.9	156.4
-75°	160.9	157.9	154.8	151.9	148.6	145.0	141.5	138.3	134.5	130.1	126.6
-77.5°	125.5	123.7	121.6	119.4	116.8	113.9	110.8	108.1	105.1	101.7	98.8
-80°	93.4	92.4	91.1	89.4	87.2	84.7	81.9	79.9	77.4	75.1	73.2
-82.5°	65.2	64.6	63.6	62.0	60.2	58.3	56.5	55.5	54.3	52.9	51.5
-85°	38.2	37.7	37.1	36.5	36.0	35.3	34.7	34.2	33.4	32.5	31.4
-87.5°	14.8	14.8	14.8	15.2	15.6	16.0	16.2	15.7	15.2	14.6	14.0
-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: P558742 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	13.6	13.1	12.6	12.0	11.4	10.7	10.1	9.3	8.7	8.0	7.2
85°	30.3	29.0	27.5	25.7	23.8	21.5	20.1	18.7	17.3	15.9	14.3
82.5°	50.1	48.5	46.6	44.5	42.6	40.1	37.0	33.3	29.0	24.3	21.5
80°	72.6	71.1	68.8	65.7	62.5	58.9	55.3	50.9	45.6	39.6	33.1
77.5°	97.5	95.4	92.5	89.2	85.1	80.4	75.1	69.0	62.1	54.8	46.9
75°	124.5	122.1	118.8	114.3	108.5	102.0	95.5	88.3	80.0	70.2	60.6
72.5°	154.1	150.6	146.0	139.9	133.3	125.6	116.8	107.6	98.3	87.4	74.8
70°	184.7	180.2	174.7	168.2	159.7	149.2	139.2	128.8	116.8	104.6	90.6
67.5°	216.4	211.3	204.6	197.3	188.3	176.7	162.4	150.8	137.8	121.8	106.2
65°	249.4	243.6	235.4	228.1	217.9	205.0	189.7	174.2	159.1	141.8	121.9
62.5°	284.0	277.6	269.7	260.4	248.6	234.5	217.5	201.0	181.2	161.8	139.4
60°	320.6	313.6	305.6	295.5	281.5	264.6	247.2	227.9	206.3	181.9	157.8
57.5°	358.4	350.8	344.1	332.4	316.6	296.9	278.2	257.1	231.5	204.3	176.1
55°	397.7	390.5	384.5	372.0	353.6	331.4	311.9	287.9	257.7	227.3	194.3
52.5°	439.6	434.6	427.3	413.4	393.2	369.4	350.0	319.5	287.3	250.3	214.8
50°	483.9	483.7	474.1	457.3	434.2	414.5	390.1	357.1	317.4	274.6	235.6
47.5°	538.4	537.6	526.3	504.4	477.9	463.1	435.5	396.6	348.0	302.3	256.4
45°	600.4	596.2	582.3	557.8	534.1	518.2	484.5	437.5	385.3	330.7	277.4
42.5°	669.1	661.7	642.4	613.8	604.3	579.1	536.2	484.2	423.6	359.0	300.6
40°	749.6	733.9	707.3	692.9	682.9	645.1	595.8	533.2	462.5	389.4	325.1
37.5°	838.7	815.7	780.2	791.2	770.4	723.7	659.6	583.9	503.4	423.7	349.4
35°	942.9	906.8	907.6	906.0	870.6	807.7	726.8	638.8	548.6	457.9	373.3
32.5°	1056.9	1047.5	1063.6	1037.5	980.3	896.9	801.9	699.2	594.4	491.9	396.8
30°	1218.7	1257.4	1240.3	1182.2	1101.4	999.1	882.5	761.0	640.6	525.5	421.0
27.5°	1497.7	1496.4	1439.3	1349.3	1237.3	1107.6	964.1	823.9	687.0	560.7	448.4
25°	1812.7	1767.5	1669.4	1533.2	1381.3	1216.1	1047.0	887.8	737.5	598.6	475.0
22.5°	2172.4	2062.9	1918.9	1729.0	1523.9	1327.8	1135.3	957.6	789.7	635.8	500.6
20°	2561.4	2377.9	2179.9	1921.0	1677.7	1449.4	1228.8	1026.7	841.2	672.1	525.2
17.5°	2977.9	2703.0	2428.6	2128.9	1839.1	1572.0	1322.0	1094.8	891.5	707.1	548.6
15°	3381.6	3028.1	2684.5	2338.3	2001.2	1694.4	1414.2	1161.1	940.2	740.7	567.0
12.5°	3779.4	3357.7	2944.1	2546.7	2162.0	1815.0	1504.2	1225.1	986.9	764.7	579.0
10°	4176.5	3687.1	3203.4	2751.4	2319.5	1932.5	1591.0	1275.1	1009.0	780.1	588.9
7.5°	4567.6	4011.5	3458.4	2949.8	2455.2	2009.4	1628.1	1297.7	1023.5	792.5	596.7
5°	4886.7	4223.1	3574.4	3008.6	2493.3	2039.8	1651.0	1315.2	1033.5	801.9	602.5
2.5°	4929.8	4257.9	3591.6	3031.8	2518.8	2060.7	1666.2	1327.3	1039.1	808.1	606.1
0°	4946.5	4269.1	3589.4	3038.9	2531.5	2071.7	1673.7	1333.8	1040.5	811.2	607.5
-2.5°	4929.8	4257.9	3591.6	3031.8	2518.8	2060.7	1666.2	1327.3	1039.1	808.1	606.1
-5°	4886.7	4223.1	3574.4	3008.6	2493.3	2039.8	1651.0	1315.2	1033.5	801.9	602.5
-7.5°	4567.6	4011.5	3458.4	2949.8	2455.2	2009.4	1628.1	1297.7	1023.5	792.5	596.7
-10°	4176.5	3687.1	3203.4	2751.4	2319.5	1932.5	1591.0	1275.1	1009.0	780.1	588.9
-12.5°	3779.4	3357.7	2944.1	2546.7	2162.0	1815.0	1504.2	1225.1	986.9	764.7	579.0
-15°	3381.6	3028.1	2684.5	2338.3	2001.2	1694.4	1414.2	1161.1	940.2	740.7	567.0
-17.5°	2977.9	2703.0	2428.6	2128.9	1839.1	1572.0	1322.0	1094.8	891.5	707.1	548.6
-20°	2561.4	2377.9	2179.9	1921.0	1677.7	1449.4	1228.8	1026.7	841.2	672.1	525.2



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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°	2172.4	2062.9	1918.9	1729.0	1523.9	1327.8	1135.3	957.6	789.7	635.8	500.6
-25°	1812.7	1767.5	1669.4	1533.2	1381.3	1216.1	1047.0	887.8	737.5	598.6	475.0
-27.5°	1497.7	1496.4	1439.3	1349.3	1237.3	1107.6	964.1	823.9	687.0	560.7	448.4
-30°	1218.7	1257.4	1240.3	1182.2	1101.4	999.1	882.5	761.0	640.6	525.5	421.0
-32.5°	1056.9	1047.5	1063.6	1037.5	980.3	896.9	801.9	699.2	594.4	491.9	396.8
-35°	942.9	906.8	907.6	906.0	870.6	807.7	726.8	638.8	548.6	457.9	373.3
-37.5°	838.7	815.7	780.2	791.2	770.4	723.7	659.6	583.9	503.4	423.7	349.4
-40°	749.6	733.9	707.3	692.9	682.9	645.1	595.8	533.2	462.5	389.4	325.1
-42.5°	669.1	661.7	642.4	613.8	604.3	579.1	536.2	484.2	423.6	359.0	300.6
-45°	600.4	596.2	582.3	557.8	534.1	518.2	484.5	437.5	385.3	330.7	277.4
-47.5°	538.4	537.6	526.3	504.4	477.9	463.1	435.5	396.6	348.0	302.3	256.4
-50°	483.9	483.7	474.1	457.3	434.2	414.5	390.1	357.1	317.4	274.6	235.6
-52.5°	439.6	434.6	427.3	413.4	393.2	369.4	350.0	319.5	287.3	250.3	214.8
-55°	397.7	390.5	384.5	372.0	353.6	331.4	311.9	287.9	257.7	227.3	194.3
-57.5°	358.4	350.8	344.1	332.4	316.6	296.9	278.2	257.1	231.5	204.3	176.1
-60°	320.6	313.6	305.6	295.5	281.5	264.6	247.2	227.9	206.3	181.9	157.8
-62.5°	284.0	277.6	269.7	260.4	248.6	234.5	217.5	201.0	181.2	161.8	139.4
-65°	249.4	243.6	235.4	228.1	217.9	205.0	189.7	174.2	159.1	141.8	121.9
-67.5°	216.4	211.3	204.6	197.3	188.3	176.7	162.4	150.8	137.8	121.8	106.2
-70°	184.7	180.2	174.7	168.2	159.7	149.2	139.2	128.8	116.8	104.6	90.6
-72.5°	154.1	150.6	146.0	139.9	133.3	125.6	116.8	107.6	98.3	87.4	74.8
-75°	124.5	122.1	118.8	114.3	108.5	102.0	95.5	88.3	80.0	70.2	60.6
-77.5°	97.5	95.4	92.5	89.2	85.1	80.4	75.1	69.0	62.1	54.8	46.9
-80°	72.6	71.1	68.8	65.7	62.5	58.9	55.3	50.9	45.6	39.6	33.1
-82.5°	50.1	48.5	46.6	44.5	42.6	40.1	37.0	33.3	29.0	24.3	21.5
-85°	30.3	29.0	27.5	25.7	23.8	21.5	20.1	18.7	17.3	15.9	14.3
-87.5°	13.6	13.1	12.6	12.0	11.4	10.7	10.1	9.3	8.7	8.0	7.2
-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°	6.3	5.6	4.7	3.8	2.6	1.3	0.0
85°	12.6	11.2	9.5	7.5	5.3	2.6	0.0
82.5°	19.0	16.8	14.2	11.3	7.9	4.0	0.0
80°	26.0	22.4	19.0	15.0	10.5	5.3	0.0
77.5°	38.3	29.7	23.7	18.7	13.1	6.6	0.0
75°	50.5	40.3	29.1	22.4	15.7	7.8	0.0
72.5°	62.7	50.8	37.8	26.1	18.2	9.1	0.0
70°	75.1	61.2	46.4	30.3	20.7	10.4	0.0
67.5°	89.2	71.6	54.9	36.9	23.2	11.6	0.0
65°	103.3	82.8	63.4	43.4	25.6	12.8	0.0
62.5°	117.3	94.9	71.7	49.8	28.0	14.0	0.0
60°	131.2	106.9	79.9	56.1	30.3	15.1	0.0
57.5°	147.1	118.8	89.5	62.2	34.4	16.3	0.0
55°	163.0	130.5	99.1	68.3	38.4	17.4	0.0
52.5°	178.6	142.3	108.6	74.2	42.3	18.4	0.0
50°	194.1	155.3	117.8	80.0	46.1	19.5	0.0
47.5°	209.7	168.0	126.9	85.9	49.8	20.5	0.0
45°	227.8	180.5	135.7	92.5	53.3	21.4	0.0
42.5°	245.7	192.6	144.3	99.0	56.7	22.3	0.0
40°	263.5	204.3	153.2	105.0	60.0	23.2	0.0
37.5°	281.0	215.8	162.2	110.6	63.2	24.0	0.0
35°	298.3	228.7	170.9	115.8	66.1	24.8	0.0
32.5°	316.0	242.3	179.2	120.7	68.9	25.6	0.0
30°	334.9	255.4	187.1	125.2	71.6	26.2	0.0
27.5°	353.2	268.1	193.7	129.4	74.1	26.9	0.0
25°	370.8	280.2	199.8	133.2	76.4	27.5	0.0
22.5°	387.6	291.0	205.4	136.6	78.5	28.0	0.0
20°	403.6	299.3	210.6	139.6	80.4	28.5	0.0
17.5°	415.6	306.5	215.3	142.2	82.1	28.9	0.0
15°	424.6	312.8	219.5	144.5	83.7	29.3	0.0
12.5°	432.3	318.0	223.1	146.3	85.0	29.6	0.0
10°	438.6	322.2	226.2	147.8	86.1	29.8	0.0
7.5°	443.7	325.5	228.8	149.0	87.1	30.0	0.0
5°	447.3	327.8	230.7	149.7	87.8	30.2	0.0
2.5°	449.5	329.1	232.1	150.1	88.2	30.3	0.0
0°	450.4	329.4	232.8	150.1	88.5	30.3	0.0
-2.5°	449.5	329.1	232.1	150.1	88.2	30.3	0.0
-5°	447.3	327.8	230.7	149.7	87.8	30.2	0.0
-7.5°	443.7	325.5	228.8	149.0	87.1	30.0	0.0
-10°	438.6	322.2	226.2	147.8	86.1	29.8	0.0
-12.5°	432.3	318.0	223.1	146.3	85.0	29.6	0.0
-15°	424.6	312.8	219.5	144.5	83.7	29.3	0.0
-17.5°	415.6	306.5	215.3	142.2	82.1	28.9	0.0
-20°	403.6	299.3	210.6	139.6	80.4	28.5	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	387.6	291.0	205.4	136.6	78.5	28.0	0.0
-25°	370.8	280.2	199.8	133.2	76.4	27.5	0.0
-27.5°	353.2	268.1	193.7	129.4	74.1	26.9	0.0
-30°	334.9	255.4	187.1	125.2	71.6	26.2	0.0
-32.5°	316.0	242.3	179.2	120.7	68.9	25.6	0.0
-35°	298.3	228.7	170.9	115.8	66.1	24.8	0.0
-37.5°	281.0	215.8	162.2	110.6	63.2	24.0	0.0
-40°	263.5	204.3	153.2	105.0	60.0	23.2	0.0
-42.5°	245.7	192.6	144.3	99.0	56.7	22.3	0.0
-45°	227.8	180.5	135.7	92.5	53.3	21.4	0.0
-47.5°	209.7	168.0	126.9	85.9	49.8	20.5	0.0
-50°	194.1	155.3	117.8	80.0	46.1	19.5	0.0
-52.5°	178.6	142.3	108.6	74.2	42.3	18.4	0.0
-55°	163.0	130.5	99.1	68.3	38.4	17.4	0.0
-57.5°	147.1	118.8	89.5	62.2	34.4	16.3	0.0
-60°	131.2	106.9	79.9	56.1	30.3	15.1	0.0
-62.5°	117.3	94.9	71.7	49.8	28.0	14.0	0.0
-65°	103.3	82.8	63.4	43.4	25.6	12.8	0.0
-67.5°	89.2	71.6	54.9	36.9	23.2	11.6	0.0
-70°	75.1	61.2	46.4	30.3	20.7	10.4	0.0
-72.5°	62.7	50.8	37.8	26.1	18.2	9.1	0.0
-75°	50.5	40.3	29.1	22.4	15.7	7.8	0.0
-77.5°	38.3	29.7	23.7	18.7	13.1	6.6	0.0
-80°	26.0	22.4	19.0	15.0	10.5	5.3	0.0
-82.5°	19.0	16.8	14.2	11.3	7.9	4.0	0.0
-85°	12.6	11.2	9.5	7.5	5.3	2.6	0.0
-87.5°	6.3	5.6	4.7	3.8	2.6	1.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)