

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: P558878 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-927-U-NAT-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558878 (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-SA4B-927-U-NAT-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW ASYMMETRICAL RECTANGULAR 6x4
Light Source: (64) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

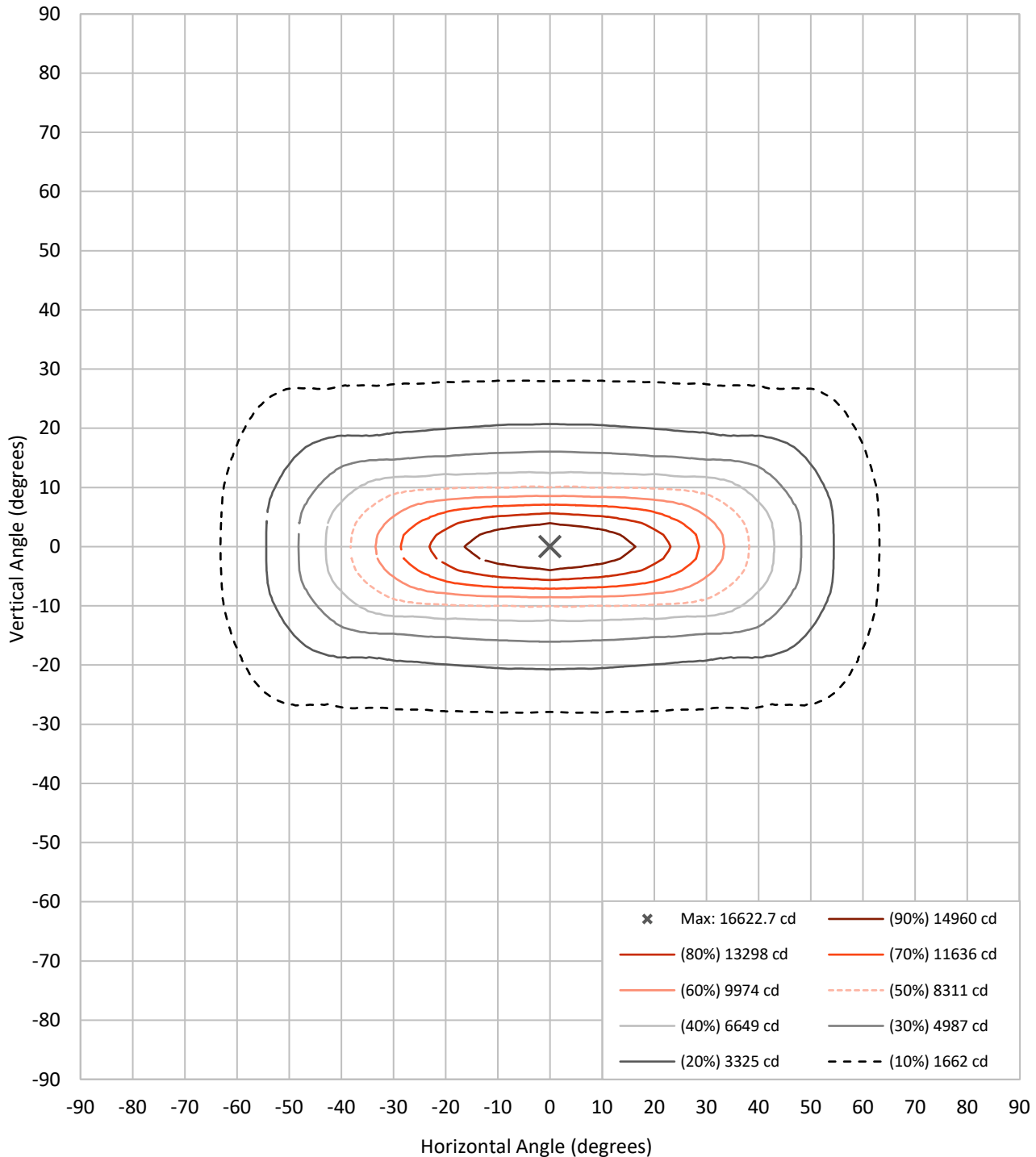
Lumens per Lamp:	N/A	NEMA Type:	6H x 4V
Luminaire Lumens:	11904.8 lumens	Max Intensity:	16622.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	94.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	76.4°H x 20°V	Field Angle (10%):	126.3°H x 55.8°V
Beam Lumens:	4763.1 lumens	Field Lumens:	9757.3 lumens
Beam Efficiency:	40.0%	Field Efficiency:	82.0%

Input Watts (W): 126
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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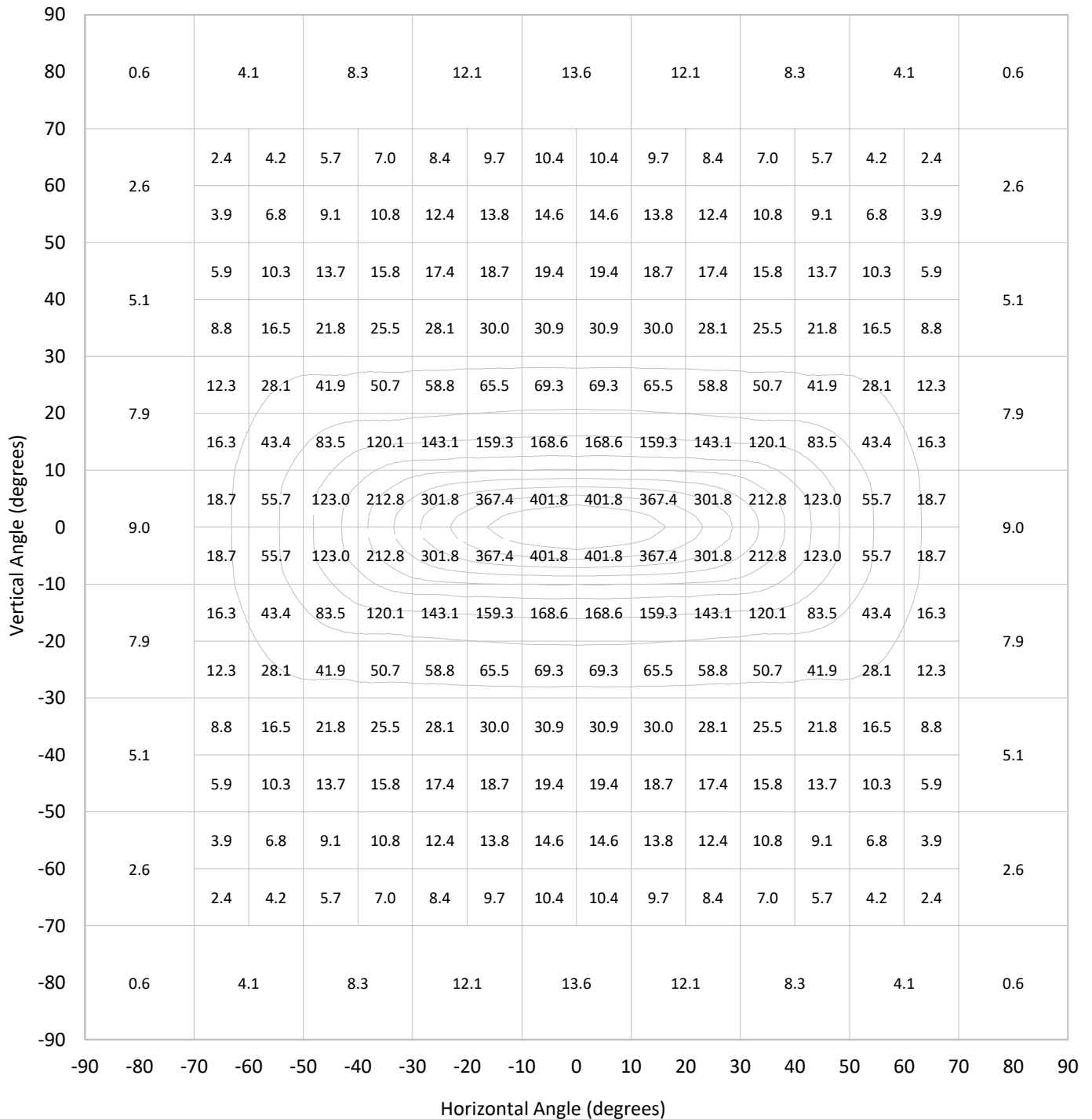
Iso-Candela Plot





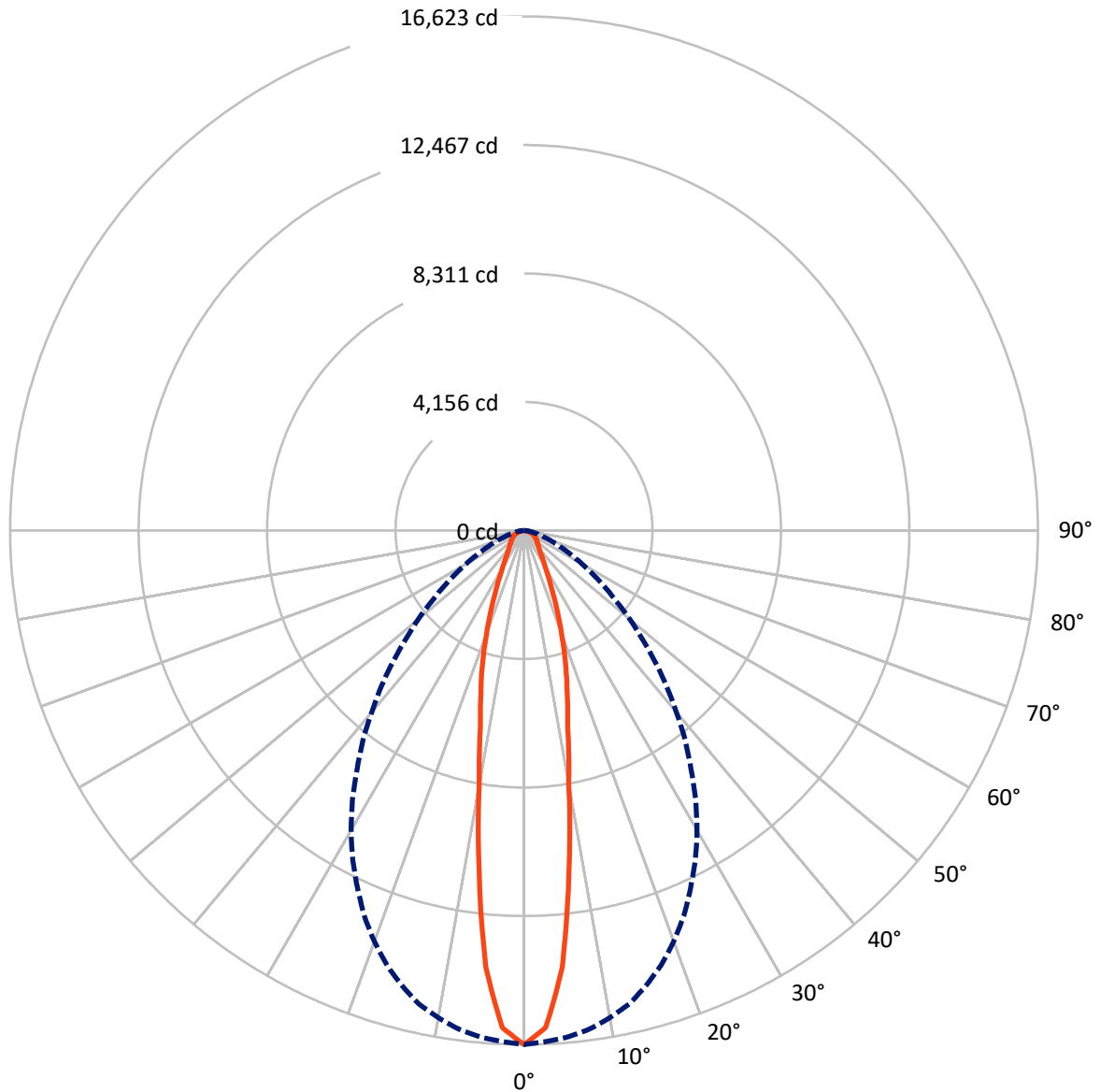
REPORT NUMBER: P558878 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table



REPORT NUMBER: P558878 (CONVERTED FROM TYPE C PHOTOMETRY)
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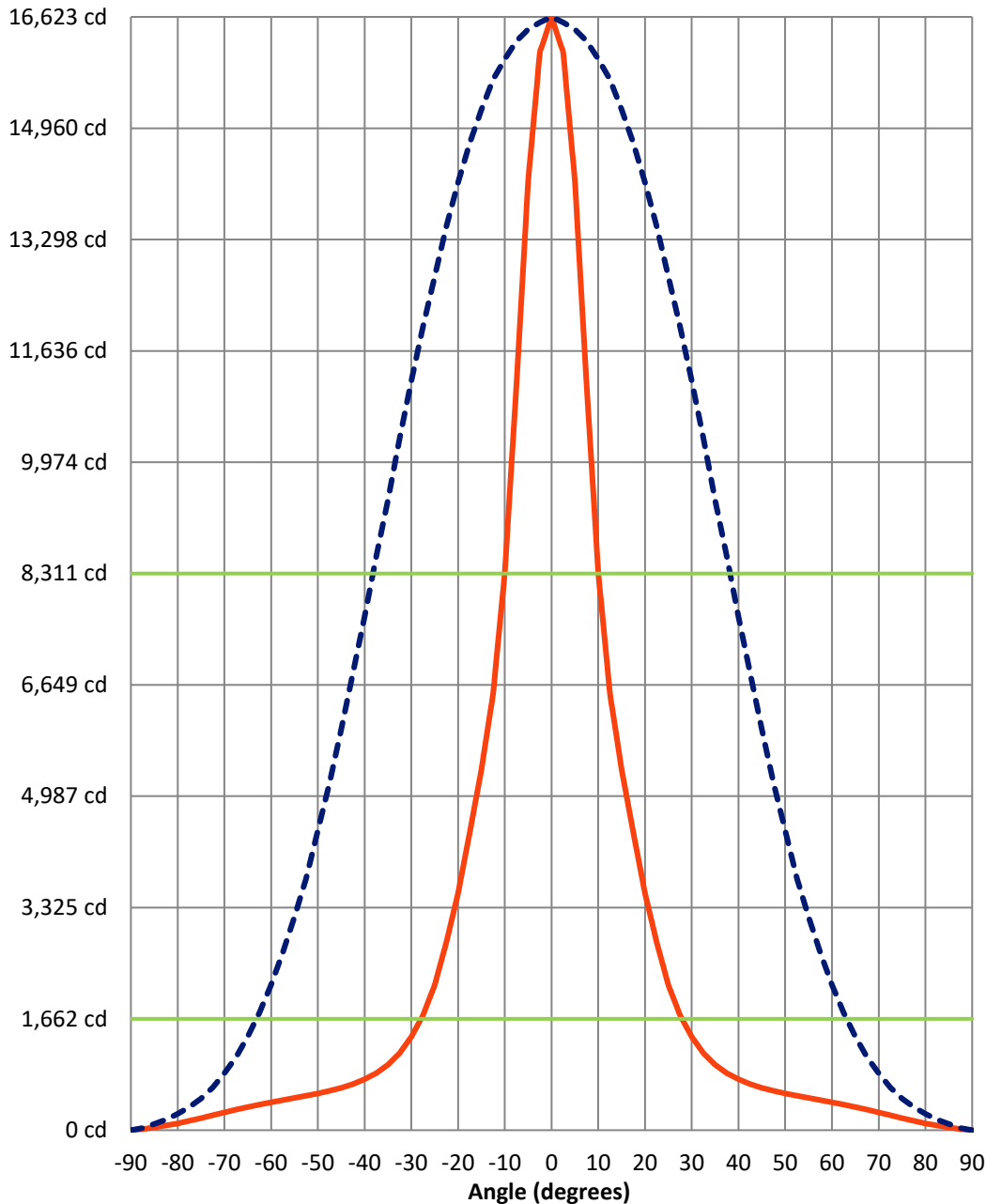
Luminous Intensity Polar Plot



— 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: 4763.1
 Efficiency: 40.0%

Field:
 H Angle: 126.3°
 V Angle: 55.8°
 Lumens: 9757.3
 Efficiency: 82.0%

Spill:
 Lumens: 2147.6
 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	1.4	2.8	3.9	5.0	5.9	6.6	7.5	8.3	9.1	9.8
85°	0.0	2.8	5.5	7.9	9.9	11.7	13.3	15.0	16.7	18.2	19.6
82.5°	0.0	4.1	8.3	11.8	14.9	17.6	19.9	22.5	25.5	30.5	34.9
80°	0.0	5.5	11.0	15.7	19.9	23.5	27.3	34.7	41.5	47.8	53.4
77.5°	0.0	6.9	13.7	19.6	24.8	31.2	40.1	49.1	57.5	65.1	72.3
75°	0.0	8.2	16.4	23.5	30.5	42.2	52.9	63.5	73.6	83.8	92.5
72.5°	0.0	9.5	19.0	27.3	39.6	53.2	65.7	78.4	91.6	103.1	112.8
70°	0.0	10.8	21.7	31.8	48.6	64.1	78.6	94.9	109.6	122.5	135.0
67.5°	0.0	12.1	24.2	38.6	57.5	75.0	93.5	111.4	127.7	144.5	158.0
65°	0.0	13.4	26.8	45.4	66.3	86.7	108.2	127.8	148.6	166.7	182.6
62.5°	0.0	14.6	29.2	52.1	75.1	99.4	123.0	146.2	169.5	189.9	210.6
60°	0.0	15.8	31.7	58.7	83.6	112.0	137.6	165.4	190.6	216.2	238.9
57.5°	0.0	17.0	36.0	65.2	93.8	124.5	154.2	184.5	214.1	242.7	269.4
55°	0.0	18.2	40.2	71.5	103.8	136.8	170.8	203.6	238.3	270.1	301.7
52.5°	0.0	19.3	44.3	77.7	113.7	149.2	187.2	225.1	262.3	301.1	334.8
50°	0.0	20.4	48.3	83.7	123.4	162.8	203.4	246.9	287.8	332.7	374.2
47.5°	0.0	21.4	52.1	89.9	132.9	176.1	219.8	268.8	316.8	364.7	415.6
45°	0.0	22.4	55.8	96.9	142.2	189.1	238.7	290.7	346.6	403.8	458.5
42.5°	0.0	23.4	59.4	103.7	151.2	201.8	257.5	315.0	376.3	443.9	507.4
40°	0.0	24.3	62.8	110.0	160.5	214.2	276.1	340.8	408.0	484.7	558.8
37.5°	0.0	25.1	66.1	115.8	170.0	226.1	294.5	366.2	444.1	527.5	611.9
35°	0.0	26.0	69.2	121.3	179.1	239.7	312.6	391.2	479.9	574.9	669.4
32.5°	0.0	26.7	72.2	126.5	187.8	253.9	331.2	415.8	515.5	622.9	732.7
30°	0.0	27.5	75.0	131.2	196.1	267.7	351.0	441.2	550.8	671.3	797.5
27.5°	0.0	28.1	77.6	135.6	203.1	281.0	370.2	469.9	587.6	720.0	863.4
25°	0.0	28.7	80.0	139.5	209.4	293.7	388.6	497.7	627.4	772.8	930.3
22.5°	0.0	29.3	82.2	143.1	215.3	305.0	406.2	524.6	666.4	827.6	1003.5
20°	0.0	29.8	84.2	146.3	220.7	313.7	422.9	550.4	704.4	881.5	1076.0
17.5°	0.0	30.2	86.0	149.0	225.6	321.2	435.5	575.0	741.1	934.3	1147.3
15°	0.0	30.6	87.6	151.4	230.0	327.8	444.9	594.3	776.2	985.4	1216.9
12.5°	0.0	30.9	89.0	153.4	233.8	333.3	453.0	606.8	801.4	1034.3	1283.9
10°	0.0	31.2	90.2	154.9	237.1	337.7	459.7	617.2	817.5	1057.4	1336.3
7.5°	0.0	31.4	91.2	156.1	239.7	341.1	464.9	625.4	830.5	1072.6	1360.0
5°	0.0	31.6	91.9	156.9	241.7	343.5	468.7	631.4	840.4	1083.1	1378.3
2.5°	0.0	31.7	92.4	157.3	243.1	344.8	471.1	635.2	846.9	1089.1	1391.0
0°	0.0	31.7	92.7	157.3	243.9	345.2	472.0	636.7	850.2	1090.5	1397.8
-2.5°	0.0	31.7	92.4	157.3	243.1	344.8	471.1	635.2	846.9	1089.1	1391.0
-5°	0.0	31.6	91.9	156.9	241.7	343.5	468.7	631.4	840.4	1083.1	1378.3
-7.5°	0.0	31.4	91.2	156.1	239.7	341.1	464.9	625.4	830.5	1072.6	1360.0
-10°	0.0	31.2	90.2	154.9	237.1	337.7	459.7	617.2	817.5	1057.4	1336.3
-12.5°	0.0	30.9	89.0	153.4	233.8	333.3	453.0	606.8	801.4	1034.3	1283.9
-15°	0.0	30.6	87.6	151.4	230.0	327.8	444.9	594.3	776.2	985.4	1216.9
-17.5°	0.0	30.2	86.0	149.0	225.6	321.2	435.5	575.0	741.1	934.3	1147.3
-20°	0.0	29.8	84.2	146.3	220.7	313.7	422.9	550.4	704.4	881.5	1076.0



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 CATALOG NUMBER: GFLD-SA4B-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	29.3	82.2	143.1	215.3	305.0	406.2	524.6	666.4	827.6	1003.5
-25°	0.0	28.7	80.0	139.5	209.4	293.7	388.6	497.7	627.4	772.8	930.3
-27.5°	0.0	28.1	77.6	135.6	203.1	281.0	370.2	469.9	587.6	720.0	863.4
-30°	0.0	27.5	75.0	131.2	196.1	267.7	351.0	441.2	550.8	671.3	797.5
-32.5°	0.0	26.7	72.2	126.5	187.8	253.9	331.2	415.8	515.5	622.9	732.7
-35°	0.0	26.0	69.2	121.3	179.1	239.7	312.6	391.2	479.9	574.9	669.4
-37.5°	0.0	25.1	66.1	115.8	170.0	226.1	294.5	366.2	444.1	527.5	611.9
-40°	0.0	24.3	62.8	110.0	160.5	214.2	276.1	340.8	408.0	484.7	558.8
-42.5°	0.0	23.4	59.4	103.7	151.2	201.8	257.5	315.0	376.3	443.9	507.4
-45°	0.0	22.4	55.8	96.9	142.2	189.1	238.7	290.7	346.6	403.8	458.5
-47.5°	0.0	21.4	52.1	89.9	132.9	176.1	219.8	268.8	316.8	364.7	415.6
-50°	0.0	20.4	48.3	83.7	123.4	162.8	203.4	246.9	287.8	332.7	374.2
-52.5°	0.0	19.3	44.3	77.7	113.7	149.2	187.2	225.1	262.3	301.1	334.8
-55°	0.0	18.2	40.2	71.5	103.8	136.8	170.8	203.6	238.3	270.1	301.7
-57.5°	0.0	17.0	36.0	65.2	93.8	124.5	154.2	184.5	214.1	242.7	269.4
-60°	0.0	15.8	31.7	58.7	83.6	112.0	137.6	165.4	190.6	216.2	238.9
-62.5°	0.0	14.6	29.2	52.1	75.1	99.4	123.0	146.2	169.5	189.9	210.6
-65°	0.0	13.4	26.8	45.4	66.3	86.7	108.2	127.8	148.6	166.7	182.6
-67.5°	0.0	12.1	24.2	38.6	57.5	75.0	93.5	111.4	127.7	144.5	158.0
-70°	0.0	10.8	21.7	31.8	48.6	64.1	78.6	94.9	109.6	122.5	135.0
-72.5°	0.0	9.5	19.0	27.3	39.6	53.2	65.7	78.4	91.6	103.1	112.8
-75°	0.0	8.2	16.4	23.5	30.5	42.2	52.9	63.5	73.6	83.8	92.5
-77.5°	0.0	6.9	13.7	19.6	24.8	31.2	40.1	49.1	57.5	65.1	72.3
-80°	0.0	5.5	11.0	15.7	19.9	23.5	27.3	34.7	41.5	47.8	53.4
-82.5°	0.0	4.1	8.3	11.8	14.9	17.6	19.9	22.5	25.5	30.5	34.9
-85°	0.0	2.8	5.5	7.9	9.9	11.7	13.3	15.0	16.7	18.2	19.6
-87.5°	0.0	1.4	2.8	3.9	5.0	5.9	6.6	7.5	8.3	9.1	9.8
-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: P558878 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	10.6	11.3	12.0	12.6	13.2	13.7	14.2	14.6	15.3	15.9	16.4
85°	21.1	22.6	25.0	27.0	28.8	30.4	31.7	32.8	34.0	35.0	35.7
82.5°	38.8	42.1	44.7	46.7	48.9	50.8	52.5	53.9	55.5	56.9	58.1
80°	58.0	61.7	65.5	68.8	72.1	74.5	76.1	76.7	78.6	81.1	83.6
77.5°	78.7	84.3	89.2	93.5	96.9	100.0	102.2	103.5	106.6	110.1	113.2
75°	100.1	106.9	113.7	119.7	124.4	128.0	130.5	132.7	136.3	141.0	144.9
72.5°	122.4	131.6	139.6	146.6	153.0	157.9	161.5	163.8	167.5	173.0	177.4
70°	145.8	156.4	167.3	176.3	183.1	188.9	193.6	196.9	200.2	205.8	209.9
67.5°	170.1	185.2	197.4	206.9	214.4	221.4	226.8	230.3	231.8	237.4	242.1
65°	198.8	214.9	228.4	239.1	246.6	255.3	261.3	264.3	265.2	271.3	277.1
62.5°	228.0	245.7	260.6	272.8	282.6	290.9	297.6	301.4	302.0	306.5	313.2
60°	259.1	277.3	294.9	309.7	320.2	328.7	336.0	340.0	340.8	342.6	350.2
57.5°	291.5	311.1	331.8	348.4	360.6	367.6	375.6	380.1	381.8	380.7	388.5
55°	326.8	347.3	370.5	389.8	402.9	409.3	416.8	423.1	425.3	423.9	428.5
52.5°	366.8	387.2	412.0	433.2	447.8	455.5	460.7	468.4	471.9	470.3	469.4
50°	408.8	434.4	454.9	479.2	496.9	506.9	507.1	516.6	521.1	519.8	513.5
47.5°	456.4	485.3	500.8	528.6	551.5	563.4	564.2	568.0	573.6	575.1	569.8
45°	507.8	543.0	559.7	584.5	610.3	624.8	629.2	622.3	632.5	635.6	632.3
42.5°	561.9	606.9	633.2	643.3	673.3	693.4	701.2	696.4	695.9	703.0	702.9
40°	624.4	676.0	715.7	726.2	741.3	769.1	785.6	784.7	766.3	779.4	782.8
37.5°	691.3	758.4	807.4	829.2	817.7	854.8	879.0	888.7	877.2	864.3	879.0
35°	761.6	846.5	912.4	949.5	951.2	950.3	988.1	1008.4	1009.8	986.1	991.5
32.5°	840.3	939.9	1027.3	1087.3	1114.6	1097.8	1107.6	1150.2	1171.1	1162.0	1127.9
30°	924.9	1047.1	1154.2	1238.9	1299.8	1317.7	1277.1	1310.4	1356.6	1375.1	1360.2
27.5°	1010.4	1160.8	1296.6	1414.0	1508.4	1568.1	1569.6	1518.3	1570.7	1615.2	1632.3
25°	1097.2	1274.5	1447.6	1606.7	1749.5	1852.3	1899.7	1905.2	1831.9	1898.5	1960.6
22.5°	1189.8	1391.6	1597.0	1812.0	2011.0	2161.9	2276.6	2345.8	2343.5	2273.5	2328.2
20°	1287.8	1519.0	1758.2	2013.2	2284.6	2492.1	2684.3	2831.3	2919.9	2949.3	2892.0
17.5°	1385.5	1647.5	1927.4	2231.1	2545.1	2832.8	3120.9	3355.5	3541.4	3694.0	3748.5
15°	1482.1	1775.7	2097.2	2450.5	2813.4	3173.5	3543.9	3903.2	4219.5	4498.7	4664.2
12.5°	1576.4	1902.1	2265.8	2668.9	3085.4	3518.8	3960.8	4398.5	4854.2	5306.4	5650.1
10°	1667.4	2025.3	2430.8	2883.5	3357.2	3864.1	4377.0	4896.5	5450.0	5983.3	6496.8
7.5°	1706.2	2105.8	2573.0	3091.4	3624.3	4204.0	4786.9	5389.9	6036.7	6659.0	7286.1
5°	1730.2	2137.7	2613.0	3153.0	3745.9	4425.8	5121.3	5868.3	6606.4	7322.9	8061.8
2.5°	1746.2	2159.6	2639.6	3177.3	3764.0	4462.2	5166.5	5942.1	6770.2	7598.7	8478.4
0°	1754.0	2171.1	2652.9	3184.7	3761.7	4474.0	5183.9	5984.1	6823.2	7666.1	8566.3
-2.5°	1746.2	2159.6	2639.6	3177.3	3764.0	4462.2	5166.5	5942.1	6770.2	7598.7	8478.4
-5°	1730.2	2137.7	2613.0	3153.0	3745.9	4425.8	5121.3	5868.3	6606.4	7322.9	8061.8
-7.5°	1706.2	2105.8	2573.0	3091.4	3624.3	4204.0	4786.9	5389.9	6036.7	6659.0	7286.1
-10°	1667.4	2025.3	2430.8	2883.5	3357.2	3864.1	4377.0	4896.5	5450.0	5983.3	6496.8
-12.5°	1576.4	1902.1	2265.8	2668.9	3085.4	3518.8	3960.8	4398.5	4854.2	5306.4	5650.1
-15°	1482.1	1775.7	2097.2	2450.5	2813.4	3173.5	3543.9	3903.2	4219.5	4498.7	4664.2
-17.5°	1385.5	1647.5	1927.4	2231.1	2545.1	2832.8	3120.9	3355.5	3541.4	3694.0	3748.5
-20°	1287.8	1519.0	1758.2	2013.2	2284.6	2492.1	2684.3	2831.3	2919.9	2949.3	2892.0



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 CATALOG NUMBER: GFLD-SA4B-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°	1189.8	1391.6	1597.0	1812.0	2011.0	2161.9	2276.6	2345.8	2343.5	2273.5	2328.2
-25°	1097.2	1274.5	1447.6	1606.7	1749.5	1852.3	1899.7	1905.2	1831.9	1898.5	1960.6
-27.5°	1010.4	1160.8	1296.6	1414.0	1508.4	1568.1	1569.6	1518.3	1570.7	1615.2	1632.3
-30°	924.9	1047.1	1154.2	1238.9	1299.8	1317.7	1277.1	1310.4	1356.6	1375.1	1360.2
-32.5°	840.3	939.9	1027.3	1087.3	1114.6	1097.8	1107.6	1150.2	1171.1	1162.0	1127.9
-35°	761.6	846.5	912.4	949.5	951.2	950.3	988.1	1008.4	1009.8	986.1	991.5
-37.5°	691.3	758.4	807.4	829.2	817.7	854.8	879.0	888.7	877.2	864.3	879.0
-40°	624.4	676.0	715.7	726.2	741.3	769.1	785.6	784.7	766.3	779.4	782.8
-42.5°	561.9	606.9	633.2	643.3	673.3	693.4	701.2	696.4	695.9	703.0	702.9
-45°	507.8	543.0	559.7	584.5	610.3	624.8	629.2	622.3	632.5	635.6	632.3
-47.5°	456.4	485.3	500.8	528.6	551.5	563.4	564.2	568.0	573.6	575.1	569.8
-50°	408.8	434.4	454.9	479.2	496.9	506.9	507.1	516.6	521.1	519.8	513.5
-52.5°	366.8	387.2	412.0	433.2	447.8	455.5	460.7	468.4	471.9	470.3	469.4
-55°	326.8	347.3	370.5	389.8	402.9	409.3	416.8	423.1	425.3	423.9	428.5
-57.5°	291.5	311.1	331.8	348.4	360.6	367.6	375.6	380.1	381.8	380.7	388.5
-60°	259.1	277.3	294.9	309.7	320.2	328.7	336.0	340.0	340.8	342.6	350.2
-62.5°	228.0	245.7	260.6	272.8	282.6	290.9	297.6	301.4	302.0	306.5	313.2
-65°	198.8	214.9	228.4	239.1	246.6	255.3	261.3	264.3	265.2	271.3	277.1
-67.5°	170.1	185.2	197.4	206.9	214.4	221.4	226.8	230.3	231.8	237.4	242.1
-70°	145.8	156.4	167.3	176.3	183.1	188.9	193.6	196.9	200.2	205.8	209.9
-72.5°	122.4	131.6	139.6	146.6	153.0	157.9	161.5	163.8	167.5	173.0	177.4
-75°	100.1	106.9	113.7	119.7	124.4	128.0	130.5	132.7	136.3	141.0	144.9
-77.5°	78.7	84.3	89.2	93.5	96.9	100.0	102.2	103.5	106.6	110.1	113.2
-80°	58.0	61.7	65.5	68.8	72.1	74.5	76.1	76.7	78.6	81.1	83.6
-82.5°	38.8	42.1	44.7	46.7	48.9	50.8	52.5	53.9	55.5	56.9	58.1
-85°	21.1	22.6	25.0	27.0	28.8	30.4	31.7	32.8	34.0	35.0	35.7
-87.5°	10.6	11.3	12.0	12.6	13.2	13.7	14.2	14.6	15.3	15.9	16.4
-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: P558878 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	17.0	16.7	16.4	16.0	15.5	15.5	15.5	15.5	15.4	15.2	15.0
85°	36.3	37.0	37.6	38.3	38.9	39.5	40.1	40.5	40.9	40.9	40.7
82.5°	59.1	61.1	63.1	64.9	66.7	67.6	68.3	68.8	69.0	69.6	70.0
80°	85.8	88.7	91.4	93.6	95.4	96.8	97.9	98.8	99.4	100.1	100.6
77.5°	116.1	119.3	122.4	125.1	127.4	129.6	131.5	133.0	134.1	135.8	137.4
75°	148.3	151.9	155.8	159.2	162.2	165.5	168.6	171.6	174.2	176.3	178.0
72.5°	180.8	184.7	189.4	193.8	197.9	202.2	206.4	210.2	213.4	216.4	219.1
70°	213.0	216.6	222.6	228.5	233.9	239.1	244.3	248.9	253.0	256.9	260.4
67.5°	246.2	250.0	257.5	264.3	270.3	276.0	282.0	287.3	291.9	296.1	299.7
65°	281.6	285.0	293.1	300.5	306.9	312.2	318.6	324.5	329.7	334.3	338.1
62.5°	318.2	321.6	328.3	335.6	341.7	346.8	354.4	361.0	366.5	371.2	375.0
60°	355.4	358.3	363.4	371.5	378.3	383.9	390.6	397.0	402.4	407.0	411.1
57.5°	394.0	396.9	399.4	407.5	414.0	419.1	425.0	431.2	436.5	440.8	445.0
55°	433.9	436.1	435.4	442.8	449.0	453.1	457.5	464.1	469.3	473.1	476.9
52.5°	474.7	477.3	475.5	478.6	485.3	489.1	491.0	498.1	503.4	506.9	510.4
50°	520.1	522.2	520.5	518.7	525.3	529.1	530.2	535.9	540.8	543.4	545.9
47.5°	569.3	571.9	570.6	563.5	569.2	574.2	574.3	576.8	581.8	583.8	585.3
45°	622.8	627.9	626.8	621.8	621.0	626.1	625.6	623.6	629.4	632.0	632.8
42.5°	693.1	691.4	693.0	690.1	681.2	687.0	687.7	680.4	687.7	690.8	689.0
40°	779.1	763.4	772.0	770.7	762.4	761.2	765.7	759.8	760.9	765.4	761.9
37.5°	881.4	870.2	865.5	869.3	866.9	856.3	864.7	862.7	856.0	863.5	860.2
35°	1007.3	1004.0	978.7	994.0	997.2	987.1	990.1	994.4	979.9	991.3	990.1
32.5°	1154.6	1162.0	1156.5	1147.1	1161.5	1163.3	1146.7	1166.6	1158.6	1161.5	1169.3
30°	1321.3	1359.6	1378.2	1361.6	1370.5	1388.3	1380.2	1394.0	1400.7	1390.2	1409.9
27.5°	1612.7	1599.1	1643.7	1663.1	1642.3	1674.8	1698.4	1688.0	1722.5	1702.1	1731.2
25°	1982.9	1963.0	1974.9	2039.1	2053.3	2036.8	2103.3	2111.2	2138.5	2141.9	2162.2
22.5°	2417.9	2466.1	2460.4	2480.0	2560.6	2587.6	2612.1	2676.1	2661.5	2719.5	2729.6
20°	2904.3	3025.3	3108.7	3126.2	3160.7	3253.4	3295.9	3346.3	3380.2	3435.1	3481.5
17.5°	3727.1	3665.1	3828.6	3931.3	3985.4	4004.7	4116.3	4152.7	4236.6	4284.5	4332.0
15°	4783.5	4819.7	4745.9	4843.8	5009.2	5065.1	5000.9	5150.8	5193.0	5273.7	5287.9
12.5°	5912.7	6095.5	6185.1	6209.5	6123.0	6358.3	6452.6	6334.3	6468.5	6444.2	6554.7
10°	6990.1	7434.2	7700.1	7887.2	8000.9	8069.3	8137.3	8259.7	8261.8	8352.4	8299.4
7.5°	7874.7	8437.8	8975.7	9497.6	9915.0	10149.0	10332.8	10509.0	10744.2	10856.8	10929.9
5°	8740.1	9389.8	10033.4	10666.0	11238.8	11790.0	12330.1	12798.6	13046.9	13337.1	13595.7
2.5°	9299.8	10121.6	10943.6	11757.8	12419.7	13027.1	13589.3	14111.3	14569.4	14993.1	15350.9
0°	9409.1	10328.8	11186.3	11998.6	12743.9	13494.0	14149.0	14739.4	15238.3	15688.3	15992.1
-2.5°	9299.8	10121.6	10943.6	11757.8	12419.7	13027.1	13589.3	14111.3	14569.4	14993.1	15350.9
-5°	8740.1	9389.8	10033.4	10666.0	11238.8	11790.0	12330.1	12798.6	13046.9	13337.1	13595.7
-7.5°	7874.7	8437.8	8975.7	9497.6	9915.0	10149.0	10332.8	10509.0	10744.2	10856.8	10929.9
-10°	6990.1	7434.2	7700.1	7887.2	8000.9	8069.3	8137.3	8259.7	8261.8	8352.4	8299.4
-12.5°	5912.7	6095.5	6185.1	6209.5	6123.0	6358.3	6452.6	6334.3	6468.5	6444.2	6554.7
-15°	4783.5	4819.7	4745.9	4843.8	5009.2	5065.1	5000.9	5150.8	5193.0	5273.7	5287.9
-17.5°	3727.1	3665.1	3828.6	3931.3	3985.4	4004.7	4116.3	4152.7	4236.6	4284.5	4332.0
-20°	2904.3	3025.3	3108.7	3126.2	3160.7	3253.4	3295.9	3346.3	3380.2	3435.1	3481.5



REPORT NUMBER: P558878 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	2417.9	2466.1	2460.4	2480.0	2560.6	2587.6	2612.1	2676.1	2661.5	2719.5	2729.6
-25°	1982.9	1963.0	1974.9	2039.1	2053.3	2036.8	2103.3	2111.2	2138.5	2141.9	2162.2
-27.5°	1612.7	1599.1	1643.7	1663.1	1642.3	1674.8	1698.4	1688.0	1722.5	1702.1	1731.2
-30°	1321.3	1359.6	1378.2	1361.6	1370.5	1388.3	1380.2	1394.0	1400.7	1390.2	1409.9
-32.5°	1154.6	1162.0	1156.5	1147.1	1161.5	1163.3	1146.7	1166.6	1158.6	1161.5	1169.3
-35°	1007.3	1004.0	978.7	994.0	997.2	987.1	990.1	994.4	979.9	991.3	990.1
-37.5°	881.4	870.2	865.5	869.3	866.9	856.3	864.7	862.7	856.0	863.5	860.2
-40°	779.1	763.4	772.0	770.7	762.4	761.2	765.7	759.8	760.9	765.4	761.9
-42.5°	693.1	691.4	693.0	690.1	681.2	687.0	687.7	680.4	687.7	690.8	689.0
-45°	622.8	627.9	626.8	621.8	621.0	626.1	625.6	623.6	629.4	632.0	632.8
-47.5°	569.3	571.9	570.6	563.5	569.2	574.2	574.3	576.8	581.8	583.8	585.3
-50°	520.1	522.2	520.5	518.7	525.3	529.1	530.2	535.9	540.8	543.4	545.9
-52.5°	474.7	477.3	475.5	478.6	485.3	489.1	491.0	498.1	503.4	506.9	510.4
-55°	433.9	436.1	435.4	442.8	449.0	453.1	457.5	464.1	469.3	473.1	476.9
-57.5°	394.0	396.9	399.4	407.5	414.0	419.1	425.0	431.2	436.5	440.8	445.0
-60°	355.4	358.3	363.4	371.5	378.3	383.9	390.6	397.0	402.4	407.0	411.1
-62.5°	318.2	321.6	328.3	335.6	341.7	346.8	354.4	361.0	366.5	371.2	375.0
-65°	281.6	285.0	293.1	300.5	306.9	312.2	318.6	324.5	329.7	334.3	338.1
-67.5°	246.2	250.0	257.5	264.3	270.3	276.0	282.0	287.3	291.9	296.1	299.7
-70°	213.0	216.6	222.6	228.5	233.9	239.1	244.3	248.9	253.0	256.9	260.4
-72.5°	180.8	184.7	189.4	193.8	197.9	202.2	206.4	210.2	213.4	216.4	219.1
-75°	148.3	151.9	155.8	159.2	162.2	165.5	168.6	171.6	174.2	176.3	178.0
-77.5°	116.1	119.3	122.4	125.1	127.4	129.6	131.5	133.0	134.1	135.8	137.4
-80°	85.8	88.7	91.4	93.6	95.4	96.8	97.9	98.8	99.4	100.1	100.6
-82.5°	59.1	61.1	63.1	64.9	66.7	67.6	68.3	68.8	69.0	69.6	70.0
-85°	36.3	37.0	37.6	38.3	38.9	39.5	40.1	40.5	40.9	40.9	40.7
-87.5°	17.0	16.7	16.4	16.0	15.5	15.5	15.5	15.5	15.4	15.2	15.0
-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: P558878 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	14.8	14.5	15.2	15.9	15.2	14.5	14.8	15.0	15.2	15.4	15.5
85°	40.5	40.1	40.8	41.5	40.8	40.1	40.5	40.7	40.9	40.9	40.5
82.5°	70.3	70.4	70.6	70.7	70.6	70.4	70.3	70.0	69.6	69.0	68.8
80°	100.8	100.8	100.5	100.0	100.5	100.8	100.8	100.6	100.1	99.4	98.8
77.5°	138.6	139.5	140.1	140.3	140.1	139.5	138.6	137.4	135.8	134.1	133.0
75°	179.0	179.6	179.7	179.3	179.7	179.6	179.0	178.0	176.3	174.2	171.6
72.5°	221.4	223.2	223.5	223.2	223.5	223.2	221.4	219.1	216.4	213.4	210.2
70°	263.4	265.7	265.6	264.7	265.6	265.7	263.4	260.4	256.9	253.0	248.9
67.5°	302.6	304.7	306.4	307.4	306.4	304.7	302.6	299.7	296.1	291.9	287.3
65°	341.2	343.6	344.8	345.2	344.8	343.6	341.2	338.1	334.3	329.7	324.5
62.5°	378.0	380.1	381.4	381.8	381.4	380.1	378.0	375.0	371.2	366.5	361.0
60°	414.3	416.6	416.9	415.9	416.9	416.6	414.3	411.1	407.0	402.4	397.0
57.5°	448.2	450.6	450.6	448.9	450.6	450.6	448.2	445.0	440.8	436.5	431.2
55°	479.7	481.4	482.1	481.8	482.1	481.4	479.7	476.9	473.1	469.3	464.1
52.5°	513.0	514.4	515.0	514.7	515.0	514.4	513.0	510.4	506.9	503.4	498.1
50°	547.7	547.9	547.9	547.7	547.9	547.9	547.7	545.9	543.4	540.8	535.9
47.5°	587.4	587.8	587.9	587.9	587.9	587.8	587.4	585.3	583.8	581.8	576.8
45°	634.4	633.0	631.7	631.8	631.7	633.0	634.4	632.8	632.0	629.4	623.6
42.5°	690.7	689.3	687.5	687.9	687.5	689.3	690.7	689.0	690.8	687.7	680.4
40°	764.9	764.5	762.0	761.1	762.0	764.5	764.9	761.9	765.4	760.9	759.8
37.5°	860.7	859.3	853.8	851.4	853.8	859.3	860.7	860.2	863.5	856.0	862.7
35°	986.8	984.9	976.4	977.0	976.4	984.9	986.8	990.1	991.3	979.9	994.4
32.5°	1165.4	1166.0	1153.2	1150.2	1153.2	1166.0	1165.4	1169.3	1161.5	1158.6	1166.6
30°	1397.7	1402.8	1387.7	1394.2	1387.7	1402.8	1397.7	1409.9	1390.2	1400.7	1394.0
27.5°	1730.7	1740.4	1727.0	1716.2	1727.0	1740.4	1730.7	1731.2	1702.1	1722.5	1688.0
25°	2188.9	2196.2	2180.9	2167.5	2180.9	2196.2	2188.9	2162.2	2141.9	2138.5	2111.2
22.5°	2785.5	2785.0	2784.2	2805.4	2784.2	2785.0	2785.5	2729.6	2719.5	2661.5	2676.1
20°	3511.4	3493.9	3520.2	3537.3	3520.2	3493.9	3511.4	3481.5	3435.1	3380.2	3346.3
17.5°	4343.0	4376.1	4401.3	4443.5	4401.3	4376.1	4343.0	4332.0	4284.5	4236.6	4152.7
15°	5323.7	5373.5	5398.8	5385.2	5398.8	5373.5	5323.7	5287.9	5273.7	5193.0	5150.8
12.5°	6558.6	6617.9	6574.1	6519.5	6574.1	6617.9	6558.6	6554.7	6444.2	6468.5	6334.3
10°	8300.2	8428.1	8435.2	8328.4	8435.2	8428.1	8300.2	8299.4	8352.4	8261.8	8259.7
7.5°	10972.5	11034.6	11129.0	11133.8	11129.0	11034.6	10972.5	10929.9	10856.8	10744.2	10509.0
5°	13713.0	13878.5	13985.2	14169.8	13985.2	13878.5	13713.0	13595.7	13337.1	13046.9	12798.6
2.5°	15582.0	15796.0	15878.1	16087.2	15878.1	15796.0	15582.0	15350.9	14993.1	14569.4	14111.3
0°	16262.8	16436.0	16539.7	16622.7	16539.7	16436.0	16262.8	15992.1	15688.3	15238.3	14739.4
-2.5°	15582.0	15796.0	15878.1	16087.2	15878.1	15796.0	15582.0	15350.9	14993.1	14569.4	14111.3
-5°	13713.0	13878.5	13985.2	14169.8	13985.2	13878.5	13713.0	13595.7	13337.1	13046.9	12798.6
-7.5°	10972.5	11034.6	11129.0	11133.8	11129.0	11034.6	10972.5	10929.9	10856.8	10744.2	10509.0
-10°	8300.2	8428.1	8435.2	8328.4	8435.2	8428.1	8300.2	8299.4	8352.4	8261.8	8259.7
-12.5°	6558.6	6617.9	6574.1	6519.5	6574.1	6617.9	6558.6	6554.7	6444.2	6468.5	6334.3
-15°	5323.7	5373.5	5398.8	5385.2	5398.8	5373.5	5323.7	5287.9	5273.7	5193.0	5150.8
-17.5°	4343.0	4376.1	4401.3	4443.5	4401.3	4376.1	4343.0	4332.0	4284.5	4236.6	4152.7
-20°	3511.4	3493.9	3520.2	3537.3	3520.2	3493.9	3511.4	3481.5	3435.1	3380.2	3346.3



REPORT NUMBER: P558878 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	2785.5	2785.0	2784.2	2805.4	2784.2	2785.0	2785.5	2729.6	2719.5	2661.5	2676.1
-25°	2188.9	2196.2	2180.9	2167.5	2180.9	2196.2	2188.9	2162.2	2141.9	2138.5	2111.2
-27.5°	1730.7	1740.4	1727.0	1716.2	1727.0	1740.4	1730.7	1731.2	1702.1	1722.5	1688.0
-30°	1397.7	1402.8	1387.7	1394.2	1387.7	1402.8	1397.7	1409.9	1390.2	1400.7	1394.0
-32.5°	1165.4	1166.0	1153.2	1150.2	1153.2	1166.0	1165.4	1169.3	1161.5	1158.6	1166.6
-35°	986.8	984.9	976.4	977.0	976.4	984.9	986.8	990.1	991.3	979.9	994.4
-37.5°	860.7	859.3	853.8	851.4	853.8	859.3	860.7	860.2	863.5	856.0	862.7
-40°	764.9	764.5	762.0	761.1	762.0	764.5	764.9	761.9	765.4	760.9	759.8
-42.5°	690.7	689.3	687.5	687.9	687.5	689.3	690.7	689.0	690.8	687.7	680.4
-45°	634.4	633.0	631.7	631.8	631.7	633.0	634.4	632.8	632.0	629.4	623.6
-47.5°	587.4	587.8	587.9	587.9	587.9	587.8	587.4	585.3	583.8	581.8	576.8
-50°	547.7	547.9	547.9	547.7	547.9	547.9	547.7	545.9	543.4	540.8	535.9
-52.5°	513.0	514.4	515.0	514.7	515.0	514.4	513.0	510.4	506.9	503.4	498.1
-55°	479.7	481.4	482.1	481.8	482.1	481.4	479.7	476.9	473.1	469.3	464.1
-57.5°	448.2	450.6	450.6	448.9	450.6	450.6	448.2	445.0	440.8	436.5	431.2
-60°	414.3	416.6	416.9	415.9	416.9	416.6	414.3	411.1	407.0	402.4	397.0
-62.5°	378.0	380.1	381.4	381.8	381.4	380.1	378.0	375.0	371.2	366.5	361.0
-65°	341.2	343.6	344.8	345.2	344.8	343.6	341.2	338.1	334.3	329.7	324.5
-67.5°	302.6	304.7	306.4	307.4	306.4	304.7	302.6	299.7	296.1	291.9	287.3
-70°	263.4	265.7	265.6	264.7	265.6	265.7	263.4	260.4	256.9	253.0	248.9
-72.5°	221.4	223.2	223.5	223.2	223.5	223.2	221.4	219.1	216.4	213.4	210.2
-75°	179.0	179.6	179.7	179.3	179.7	179.6	179.0	178.0	176.3	174.2	171.6
-77.5°	138.6	139.5	140.1	140.3	140.1	139.5	138.6	137.4	135.8	134.1	133.0
-80°	100.8	100.8	100.5	100.0	100.5	100.8	100.8	100.6	100.1	99.4	98.8
-82.5°	70.3	70.4	70.6	70.7	70.6	70.4	70.3	70.0	69.6	69.0	68.8
-85°	40.5	40.1	40.8	41.5	40.8	40.1	40.5	40.7	40.9	40.9	40.5
-87.5°	14.8	14.5	15.2	15.9	15.2	14.5	14.8	15.0	15.2	15.4	15.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558878 (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°	15.5	15.5	15.5	16.0	16.4	16.7	17.0	16.4	15.9	15.3	14.6
85°	40.1	39.5	38.9	38.3	37.6	37.0	36.3	35.7	35.0	34.0	32.8
82.5°	68.3	67.6	66.7	64.9	63.1	61.1	59.1	58.1	56.9	55.5	53.9
80°	97.9	96.8	95.4	93.6	91.4	88.7	85.8	83.6	81.1	78.6	76.7
77.5°	131.5	129.6	127.4	125.1	122.4	119.3	116.1	113.2	110.1	106.6	103.5
75°	168.6	165.5	162.2	159.2	155.8	151.9	148.3	144.9	141.0	136.3	132.7
72.5°	206.4	202.2	197.9	193.8	189.4	184.7	180.8	177.4	173.0	167.5	163.8
70°	244.3	239.1	233.9	228.5	222.6	216.6	213.0	209.9	205.8	200.2	196.9
67.5°	282.0	276.0	270.3	264.3	257.5	250.0	246.2	242.1	237.4	231.8	230.3
65°	318.6	312.2	306.9	300.5	293.1	285.0	281.6	277.1	271.3	265.2	264.3
62.5°	354.4	346.8	341.7	335.6	328.3	321.6	318.2	313.2	306.5	302.0	301.4
60°	390.6	383.9	378.3	371.5	363.4	358.3	355.4	350.2	342.6	340.8	340.0
57.5°	425.0	419.1	414.0	407.5	399.4	396.9	394.0	388.5	380.7	381.8	380.1
55°	457.5	453.1	449.0	442.8	435.4	436.1	433.9	428.5	423.9	425.3	423.1
52.5°	491.0	489.1	485.3	478.6	475.5	477.3	474.7	469.4	470.3	471.9	468.4
50°	530.2	529.1	525.3	518.7	520.5	522.2	520.1	513.5	519.8	521.1	516.6
47.5°	574.3	574.2	569.2	563.5	570.6	571.9	569.3	569.8	575.1	573.6	568.0
45°	625.6	626.1	621.0	621.8	626.8	627.9	622.8	632.3	635.6	632.5	622.3
42.5°	687.7	687.0	681.2	690.1	693.0	691.4	693.1	702.9	703.0	695.9	696.4
40°	765.7	761.2	762.4	770.7	772.0	763.4	779.1	782.8	779.4	766.3	784.7
37.5°	864.7	856.3	866.9	869.3	865.5	870.2	881.4	879.0	864.3	877.2	888.7
35°	990.1	987.1	997.2	994.0	978.7	1004.0	1007.3	991.5	986.1	1009.8	1008.4
32.5°	1146.7	1163.3	1161.5	1147.1	1156.5	1162.0	1154.6	1127.9	1162.0	1171.1	1150.2
30°	1380.2	1388.3	1370.5	1361.6	1378.2	1359.6	1321.3	1360.2	1375.1	1356.6	1310.4
27.5°	1698.4	1674.8	1642.3	1663.1	1643.7	1599.1	1612.7	1632.3	1615.2	1570.7	1518.3
25°	2103.3	2036.8	2053.3	2039.1	1974.9	1963.0	1982.9	1960.6	1898.5	1831.9	1905.2
22.5°	2612.1	2587.6	2560.6	2480.0	2460.4	2466.1	2417.9	2328.2	2273.5	2343.5	2345.8
20°	3295.9	3253.4	3160.7	3126.2	3108.7	3025.3	2904.3	2892.0	2949.3	2919.9	2831.3
17.5°	4116.3	4004.7	3985.4	3931.3	3828.6	3665.1	3727.1	3748.5	3694.0	3541.4	3355.5
15°	5000.9	5065.1	5009.2	4843.8	4745.9	4819.7	4783.5	4664.2	4498.7	4219.5	3903.2
12.5°	6452.6	6358.3	6123.0	6209.5	6185.1	6095.5	5912.7	5650.1	5306.4	4854.2	4398.5
10°	8137.3	8069.3	8000.9	7887.2	7700.1	7434.2	6990.1	6496.8	5983.3	5450.0	4896.5
7.5°	10332.8	10149.0	9915.0	9497.6	8975.7	8437.8	7874.7	7286.1	6659.0	6036.7	5389.9
5°	12330.1	11790.0	11238.8	10666.0	10033.4	9389.8	8740.1	8061.8	7322.9	6606.4	5868.3
2.5°	13589.3	13027.1	12419.7	11757.8	10943.6	10121.6	9299.8	8478.4	7598.7	6770.2	5942.1
0°	14149.0	13494.0	12743.9	11998.6	11186.3	10328.8	9409.1	8566.3	7666.1	6823.2	5984.1
-2.5°	13589.3	13027.1	12419.7	11757.8	10943.6	10121.6	9299.8	8478.4	7598.7	6770.2	5942.1
-5°	12330.1	11790.0	11238.8	10666.0	10033.4	9389.8	8740.1	8061.8	7322.9	6606.4	5868.3
-7.5°	10332.8	10149.0	9915.0	9497.6	8975.7	8437.8	7874.7	7286.1	6659.0	6036.7	5389.9
-10°	8137.3	8069.3	8000.9	7887.2	7700.1	7434.2	6990.1	6496.8	5983.3	5450.0	4896.5
-12.5°	6452.6	6358.3	6123.0	6209.5	6185.1	6095.5	5912.7	5650.1	5306.4	4854.2	4398.5
-15°	5000.9	5065.1	5009.2	4843.8	4745.9	4819.7	4783.5	4664.2	4498.7	4219.5	3903.2
-17.5°	4116.3	4004.7	3985.4	3931.3	3828.6	3665.1	3727.1	3748.5	3694.0	3541.4	3355.5
-20°	3295.9	3253.4	3160.7	3126.2	3108.7	3025.3	2904.3	2892.0	2949.3	2919.9	2831.3



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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°	2612.1	2587.6	2560.6	2480.0	2460.4	2466.1	2417.9	2328.2	2273.5	2343.5	2345.8
-25°	2103.3	2036.8	2053.3	2039.1	1974.9	1963.0	1982.9	1960.6	1898.5	1831.9	1905.2
-27.5°	1698.4	1674.8	1642.3	1663.1	1643.7	1599.1	1612.7	1632.3	1615.2	1570.7	1518.3
-30°	1380.2	1388.3	1370.5	1361.6	1378.2	1359.6	1321.3	1360.2	1375.1	1356.6	1310.4
-32.5°	1146.7	1163.3	1161.5	1147.1	1156.5	1162.0	1154.6	1127.9	1162.0	1171.1	1150.2
-35°	990.1	987.1	997.2	994.0	978.7	1004.0	1007.3	991.5	986.1	1009.8	1008.4
-37.5°	864.7	856.3	866.9	869.3	865.5	870.2	881.4	879.0	864.3	877.2	888.7
-40°	765.7	761.2	762.4	770.7	772.0	763.4	779.1	782.8	779.4	766.3	784.7
-42.5°	687.7	687.0	681.2	690.1	693.0	691.4	693.1	702.9	703.0	695.9	696.4
-45°	625.6	626.1	621.0	621.8	626.8	627.9	622.8	632.3	635.6	632.5	622.3
-47.5°	574.3	574.2	569.2	563.5	570.6	571.9	569.3	569.8	575.1	573.6	568.0
-50°	530.2	529.1	525.3	518.7	520.5	522.2	520.1	513.5	519.8	521.1	516.6
-52.5°	491.0	489.1	485.3	478.6	475.5	477.3	474.7	469.4	470.3	471.9	468.4
-55°	457.5	453.1	449.0	442.8	435.4	436.1	433.9	428.5	423.9	425.3	423.1
-57.5°	425.0	419.1	414.0	407.5	399.4	396.9	394.0	388.5	380.7	381.8	380.1
-60°	390.6	383.9	378.3	371.5	363.4	358.3	355.4	350.2	342.6	340.8	340.0
-62.5°	354.4	346.8	341.7	335.6	328.3	321.6	318.2	313.2	306.5	302.0	301.4
-65°	318.6	312.2	306.9	300.5	293.1	285.0	281.6	277.1	271.3	265.2	264.3
-67.5°	282.0	276.0	270.3	264.3	257.5	250.0	246.2	242.1	237.4	231.8	230.3
-70°	244.3	239.1	233.9	228.5	222.6	216.6	213.0	209.9	205.8	200.2	196.9
-72.5°	206.4	202.2	197.9	193.8	189.4	184.7	180.8	177.4	173.0	167.5	163.8
-75°	168.6	165.5	162.2	159.2	155.8	151.9	148.3	144.9	141.0	136.3	132.7
-77.5°	131.5	129.6	127.4	125.1	122.4	119.3	116.1	113.2	110.1	106.6	103.5
-80°	97.9	96.8	95.4	93.6	91.4	88.7	85.8	83.6	81.1	78.6	76.7
-82.5°	68.3	67.6	66.7	64.9	63.1	61.1	59.1	58.1	56.9	55.5	53.9
-85°	40.1	39.5	38.9	38.3	37.6	37.0	36.3	35.7	35.0	34.0	32.8
-87.5°	15.5	15.5	15.5	16.0	16.4	16.7	17.0	16.4	15.9	15.3	14.6
-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):

	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°	14.2	13.7	13.2	12.6	12.0	11.3	10.6	9.8	9.1	8.3	7.5
85°	31.7	30.4	28.8	27.0	25.0	22.6	21.1	19.6	18.2	16.7	15.0
82.5°	52.5	50.8	48.9	46.7	44.7	42.1	38.8	34.9	30.5	25.5	22.5
80°	76.1	74.5	72.1	68.8	65.5	61.7	58.0	53.4	47.8	41.5	34.7
77.5°	102.2	100.0	96.9	93.5	89.2	84.3	78.7	72.3	65.1	57.5	49.1
75°	130.5	128.0	124.4	119.7	113.7	106.9	100.1	92.5	83.8	73.6	63.5
72.5°	161.5	157.9	153.0	146.6	139.6	131.6	122.4	112.8	103.1	91.6	78.4
70°	193.6	188.9	183.1	176.3	167.3	156.4	145.8	135.0	122.5	109.6	94.9
67.5°	226.8	221.4	214.4	206.9	197.4	185.2	170.1	158.0	144.5	127.7	111.4
65°	261.3	255.3	246.6	239.1	228.4	214.9	198.8	182.6	166.7	148.6	127.8
62.5°	297.6	290.9	282.6	272.8	260.6	245.7	228.0	210.6	189.9	169.5	146.2
60°	336.0	328.7	320.2	309.7	294.9	277.3	259.1	238.9	216.2	190.6	165.4
57.5°	375.6	367.6	360.6	348.4	331.8	311.1	291.5	269.4	242.7	214.1	184.5
55°	416.8	409.3	402.9	389.8	370.5	347.3	326.8	301.7	270.1	238.3	203.6
52.5°	460.7	455.5	447.8	433.2	412.0	387.2	366.8	334.8	301.1	262.3	225.1
50°	507.1	506.9	496.9	479.2	454.9	434.4	408.8	374.2	332.7	287.8	246.9
47.5°	564.2	563.4	551.5	528.6	500.8	485.3	456.4	415.6	364.7	316.8	268.8
45°	629.2	624.8	610.3	584.5	559.7	543.0	507.8	458.5	403.8	346.6	290.7
42.5°	701.2	693.4	673.3	643.3	633.2	606.9	561.9	507.4	443.9	376.3	315.0
40°	785.6	769.1	741.3	726.2	715.7	676.0	624.4	558.8	484.7	408.0	340.8
37.5°	879.0	854.8	817.7	829.2	807.4	758.4	691.3	611.9	527.5	444.1	366.2
35°	988.1	950.3	951.2	949.5	912.4	846.5	761.6	669.4	574.9	479.9	391.2
32.5°	1107.6	1097.8	1114.6	1087.3	1027.3	939.9	840.3	732.7	622.9	515.5	415.8
30°	1277.1	1317.7	1299.8	1238.9	1154.2	1047.1	924.9	797.5	671.3	550.8	441.2
27.5°	1569.6	1568.1	1508.4	1414.0	1296.6	1160.8	1010.4	863.4	720.0	587.6	469.9
25°	1899.7	1852.3	1749.5	1606.7	1447.6	1274.5	1097.2	930.3	772.8	627.4	497.7
22.5°	2276.6	2161.9	2011.0	1812.0	1597.0	1391.6	1189.8	1003.5	827.6	666.4	524.6
20°	2684.3	2492.1	2284.6	2013.2	1758.2	1519.0	1287.8	1076.0	881.5	704.4	550.4
17.5°	3120.9	2832.8	2545.1	2231.1	1927.4	1647.5	1385.5	1147.3	934.3	741.1	575.0
15°	3543.9	3173.5	2813.4	2450.5	2097.2	1775.7	1482.1	1216.9	985.4	776.2	594.3
12.5°	3960.8	3518.8	3085.4	2668.9	2265.8	1902.1	1576.4	1283.9	1034.3	801.4	606.8
10°	4377.0	3864.1	3357.2	2883.5	2430.8	2025.3	1667.4	1336.3	1057.4	817.5	617.2
7.5°	4786.9	4204.0	3624.3	3091.4	2573.0	2105.8	1706.2	1360.0	1072.6	830.5	625.4
5°	5121.3	4425.8	3745.9	3153.0	2613.0	2137.7	1730.2	1378.3	1083.1	840.4	631.4
2.5°	5166.5	4462.2	3764.0	3177.3	2639.6	2159.6	1746.2	1391.0	1089.1	846.9	635.2
0°	5183.9	4474.0	3761.7	3184.7	2652.9	2171.1	1754.0	1397.8	1090.5	850.2	636.7
-2.5°	5166.5	4462.2	3764.0	3177.3	2639.6	2159.6	1746.2	1391.0	1089.1	846.9	635.2
-5°	5121.3	4425.8	3745.9	3153.0	2613.0	2137.7	1730.2	1378.3	1083.1	840.4	631.4
-7.5°	4786.9	4204.0	3624.3	3091.4	2573.0	2105.8	1706.2	1360.0	1072.6	830.5	625.4
-10°	4377.0	3864.1	3357.2	2883.5	2430.8	2025.3	1667.4	1336.3	1057.4	817.5	617.2
-12.5°	3960.8	3518.8	3085.4	2668.9	2265.8	1902.1	1576.4	1283.9	1034.3	801.4	606.8
-15°	3543.9	3173.5	2813.4	2450.5	2097.2	1775.7	1482.1	1216.9	985.4	776.2	594.3
-17.5°	3120.9	2832.8	2545.1	2231.1	1927.4	1647.5	1385.5	1147.3	934.3	741.1	575.0
-20°	2684.3	2492.1	2284.6	2013.2	1758.2	1519.0	1287.8	1076.0	881.5	704.4	550.4



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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°	2276.6	2161.9	2011.0	1812.0	1597.0	1391.6	1189.8	1003.5	827.6	666.4	524.6
-25°	1899.7	1852.3	1749.5	1606.7	1447.6	1274.5	1097.2	930.3	772.8	627.4	497.7
-27.5°	1569.6	1568.1	1508.4	1414.0	1296.6	1160.8	1010.4	863.4	720.0	587.6	469.9
-30°	1277.1	1317.7	1299.8	1238.9	1154.2	1047.1	924.9	797.5	671.3	550.8	441.2
-32.5°	1107.6	1097.8	1114.6	1087.3	1027.3	939.9	840.3	732.7	622.9	515.5	415.8
-35°	988.1	950.3	951.2	949.5	912.4	846.5	761.6	669.4	574.9	479.9	391.2
-37.5°	879.0	854.8	817.7	829.2	807.4	758.4	691.3	611.9	527.5	444.1	366.2
-40°	785.6	769.1	741.3	726.2	715.7	676.0	624.4	558.8	484.7	408.0	340.8
-42.5°	701.2	693.4	673.3	643.3	633.2	606.9	561.9	507.4	443.9	376.3	315.0
-45°	629.2	624.8	610.3	584.5	559.7	543.0	507.8	458.5	403.8	346.6	290.7
-47.5°	564.2	563.4	551.5	528.6	500.8	485.3	456.4	415.6	364.7	316.8	268.8
-50°	507.1	506.9	496.9	479.2	454.9	434.4	408.8	374.2	332.7	287.8	246.9
-52.5°	460.7	455.5	447.8	433.2	412.0	387.2	366.8	334.8	301.1	262.3	225.1
-55°	416.8	409.3	402.9	389.8	370.5	347.3	326.8	301.7	270.1	238.3	203.6
-57.5°	375.6	367.6	360.6	348.4	331.8	311.1	291.5	269.4	242.7	214.1	184.5
-60°	336.0	328.7	320.2	309.7	294.9	277.3	259.1	238.9	216.2	190.6	165.4
-62.5°	297.6	290.9	282.6	272.8	260.6	245.7	228.0	210.6	189.9	169.5	146.2
-65°	261.3	255.3	246.6	239.1	228.4	214.9	198.8	182.6	166.7	148.6	127.8
-67.5°	226.8	221.4	214.4	206.9	197.4	185.2	170.1	158.0	144.5	127.7	111.4
-70°	193.6	188.9	183.1	176.3	167.3	156.4	145.8	135.0	122.5	109.6	94.9
-72.5°	161.5	157.9	153.0	146.6	139.6	131.6	122.4	112.8	103.1	91.6	78.4
-75°	130.5	128.0	124.4	119.7	113.7	106.9	100.1	92.5	83.8	73.6	63.5
-77.5°	102.2	100.0	96.9	93.5	89.2	84.3	78.7	72.3	65.1	57.5	49.1
-80°	76.1	74.5	72.1	68.8	65.5	61.7	58.0	53.4	47.8	41.5	34.7
-82.5°	52.5	50.8	48.9	46.7	44.7	42.1	38.8	34.9	30.5	25.5	22.5
-85°	31.7	30.4	28.8	27.0	25.0	22.6	21.1	19.6	18.2	16.7	15.0
-87.5°	14.2	13.7	13.2	12.6	12.0	11.3	10.6	9.8	9.1	8.3	7.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	6.6	5.9	5.0	3.9	2.8	1.4	0.0
85°	13.3	11.7	9.9	7.9	5.5	2.8	0.0
82.5°	19.9	17.6	14.9	11.8	8.3	4.1	0.0
80°	27.3	23.5	19.9	15.7	11.0	5.5	0.0
77.5°	40.1	31.2	24.8	19.6	13.7	6.9	0.0
75°	52.9	42.2	30.5	23.5	16.4	8.2	0.0
72.5°	65.7	53.2	39.6	27.3	19.0	9.5	0.0
70°	78.6	64.1	48.6	31.8	21.7	10.8	0.0
67.5°	93.5	75.0	57.5	38.6	24.2	12.1	0.0
65°	108.2	86.7	66.3	45.4	26.8	13.4	0.0
62.5°	123.0	99.4	75.1	52.1	29.2	14.6	0.0
60°	137.6	112.0	83.6	58.7	31.7	15.8	0.0
57.5°	154.2	124.5	93.8	65.2	36.0	17.0	0.0
55°	170.8	136.8	103.8	71.5	40.2	18.2	0.0
52.5°	187.2	149.2	113.7	77.7	44.3	19.3	0.0
50°	203.4	162.8	123.4	83.7	48.3	20.4	0.0
47.5°	219.8	176.1	132.9	89.9	52.1	21.4	0.0
45°	238.7	189.1	142.2	96.9	55.8	22.4	0.0
42.5°	257.5	201.8	151.2	103.7	59.4	23.4	0.0
40°	276.1	214.2	160.5	110.0	62.8	24.3	0.0
37.5°	294.5	226.1	170.0	115.8	66.1	25.1	0.0
35°	312.6	239.7	179.1	121.3	69.2	26.0	0.0
32.5°	331.2	253.9	187.8	126.5	72.2	26.7	0.0
30°	351.0	267.7	196.1	131.2	75.0	27.5	0.0
27.5°	370.2	281.0	203.1	135.6	77.6	28.1	0.0
25°	388.6	293.7	209.4	139.5	80.0	28.7	0.0
22.5°	406.2	305.0	215.3	143.1	82.2	29.3	0.0
20°	422.9	313.7	220.7	146.3	84.2	29.8	0.0
17.5°	435.5	321.2	225.6	149.0	86.0	30.2	0.0
15°	444.9	327.8	230.0	151.4	87.6	30.6	0.0
12.5°	453.0	333.3	233.8	153.4	89.0	30.9	0.0
10°	459.7	337.7	237.1	154.9	90.2	31.2	0.0
7.5°	464.9	341.1	239.7	156.1	91.2	31.4	0.0
5°	468.7	343.5	241.7	156.9	91.9	31.6	0.0
2.5°	471.1	344.8	243.1	157.3	92.4	31.7	0.0
0°	472.0	345.2	243.9	157.3	92.7	31.7	0.0
-2.5°	471.1	344.8	243.1	157.3	92.4	31.7	0.0
-5°	468.7	343.5	241.7	156.9	91.9	31.6	0.0
-7.5°	464.9	341.1	239.7	156.1	91.2	31.4	0.0
-10°	459.7	337.7	237.1	154.9	90.2	31.2	0.0
-12.5°	453.0	333.3	233.8	153.4	89.0	30.9	0.0
-15°	444.9	327.8	230.0	151.4	87.6	30.6	0.0
-17.5°	435.5	321.2	225.6	149.0	86.0	30.2	0.0
-20°	422.9	313.7	220.7	146.3	84.2	29.8	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	406.2	305.0	215.3	143.1	82.2	29.3	0.0
-25°	388.6	293.7	209.4	139.5	80.0	28.7	0.0
-27.5°	370.2	281.0	203.1	135.6	77.6	28.1	0.0
-30°	351.0	267.7	196.1	131.2	75.0	27.5	0.0
-32.5°	331.2	253.9	187.8	126.5	72.2	26.7	0.0
-35°	312.6	239.7	179.1	121.3	69.2	26.0	0.0
-37.5°	294.5	226.1	170.0	115.8	66.1	25.1	0.0
-40°	276.1	214.2	160.5	110.0	62.8	24.3	0.0
-42.5°	257.5	201.8	151.2	103.7	59.4	23.4	0.0
-45°	238.7	189.1	142.2	96.9	55.8	22.4	0.0
-47.5°	219.8	176.1	132.9	89.9	52.1	21.4	0.0
-50°	203.4	162.8	123.4	83.7	48.3	20.4	0.0
-52.5°	187.2	149.2	113.7	77.7	44.3	19.3	0.0
-55°	170.8	136.8	103.8	71.5	40.2	18.2	0.0
-57.5°	154.2	124.5	93.8	65.2	36.0	17.0	0.0
-60°	137.6	112.0	83.6	58.7	31.7	15.8	0.0
-62.5°	123.0	99.4	75.1	52.1	29.2	14.6	0.0
-65°	108.2	86.7	66.3	45.4	26.8	13.4	0.0
-67.5°	93.5	75.0	57.5	38.6	24.2	12.1	0.0
-70°	78.6	64.1	48.6	31.8	21.7	10.8	0.0
-72.5°	65.7	53.2	39.6	27.3	19.0	9.5	0.0
-75°	52.9	42.2	30.5	23.5	16.4	8.2	0.0
-77.5°	40.1	31.2	24.8	19.6	13.7	6.9	0.0
-80°	27.3	23.5	19.9	15.7	11.0	5.5	0.0
-82.5°	19.9	17.6	14.9	11.8	8.3	4.1	0.0
-85°	13.3	11.7	9.9	7.9	5.5	2.8	0.0
-87.5°	6.6	5.9	5.0	3.9	2.8	1.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)