

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: P558899 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-935-U-WR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558899 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-6)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA4B-935-U-WR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6
Light Source: (64) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

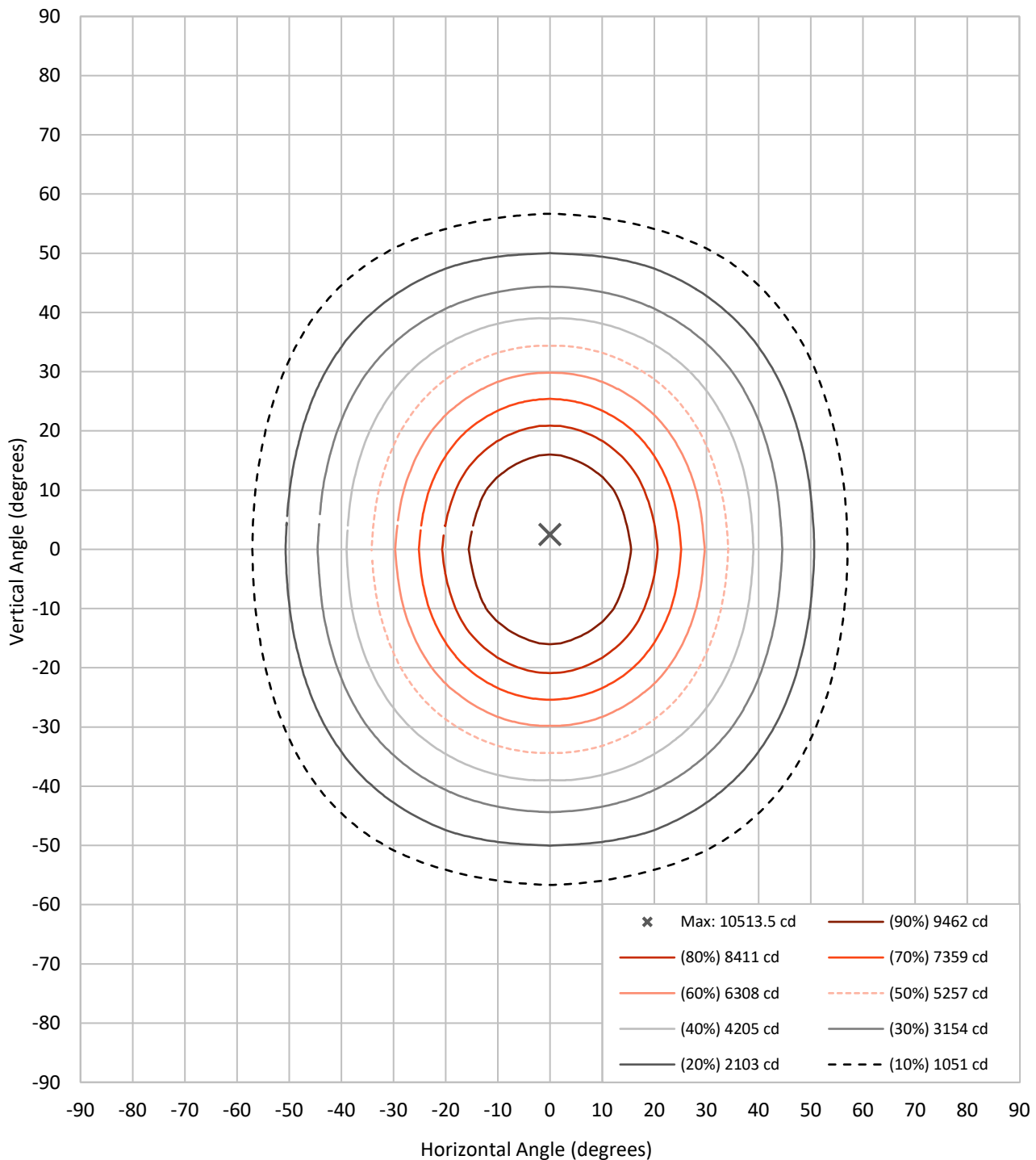
Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	14229.1 lumens	Max Intensity:	10513.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 2.5°V
Efficacy:	112.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	68°H x 68.7°V	Field Angle (10%):	114°H x 113.4°V
Beam Lumens:	8531.4 lumens	Field Lumens:	13592.6 lumens
Beam Efficiency:	60.0%	Field Efficiency:	95.5%

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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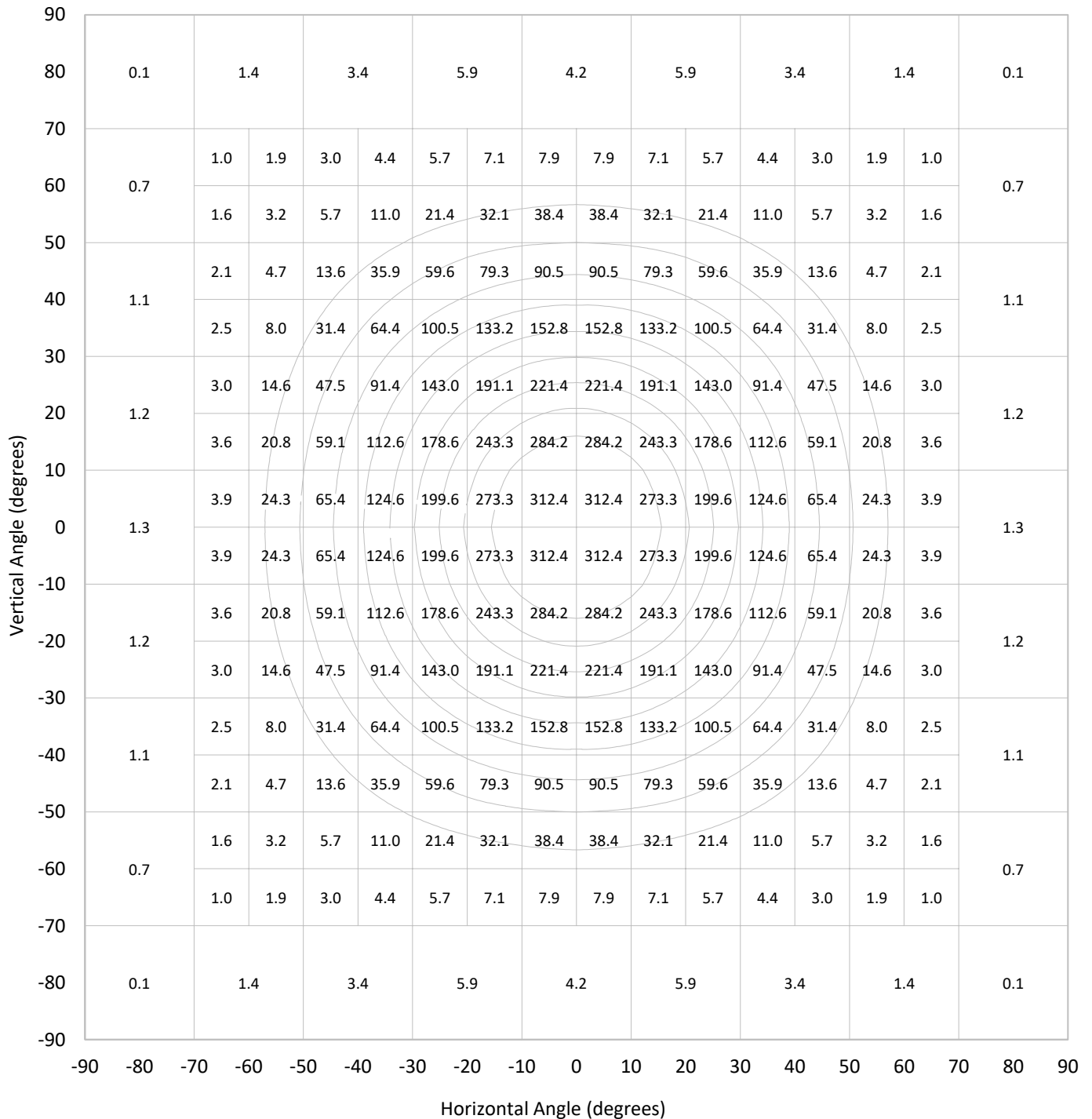
Iso-Candela Plot





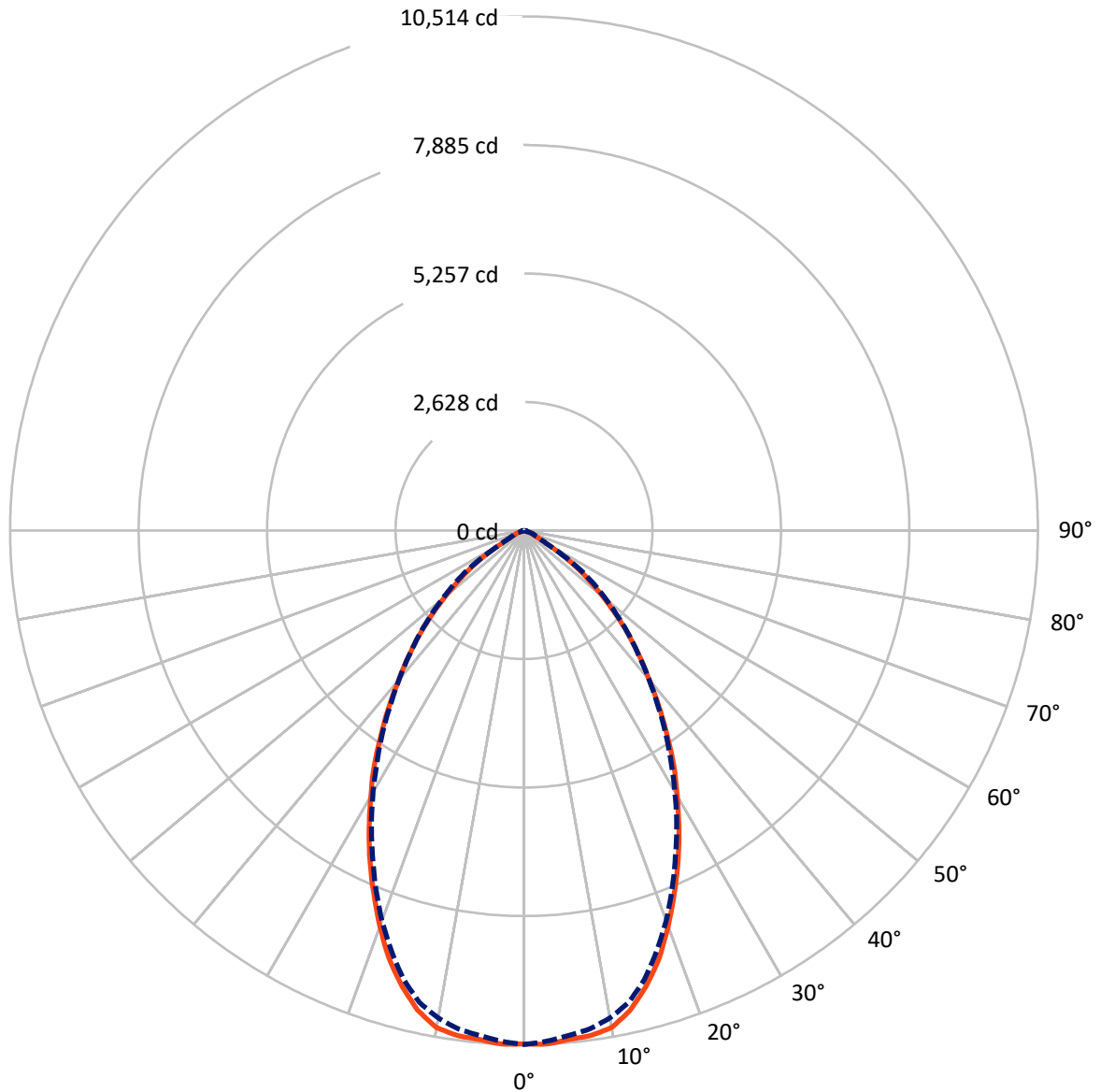
REPORT NUMBER: P558899 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table



REPORT NUMBER: P558899 (CONVERTED FROM TYPE C PHOTOMETRY)
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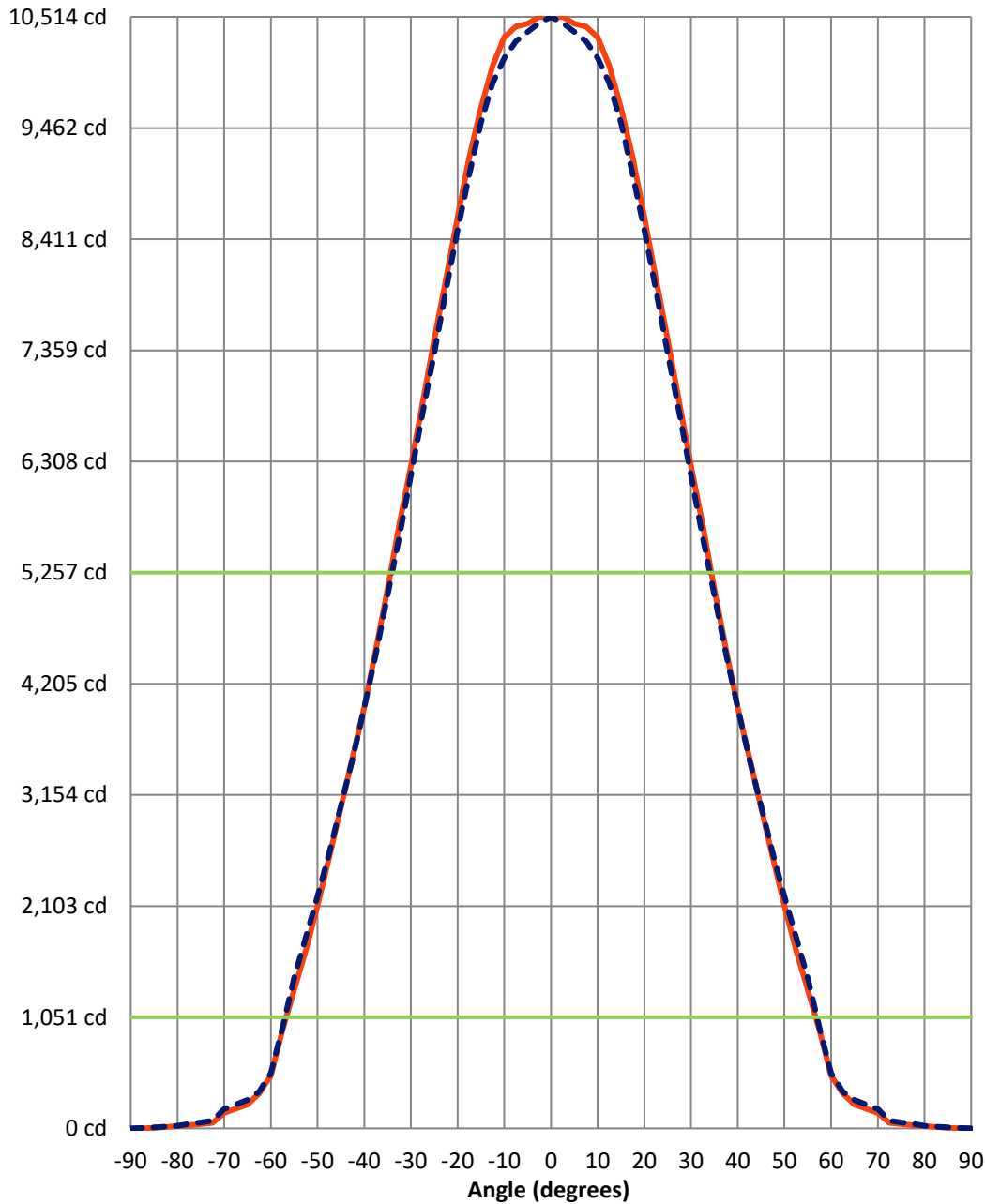
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 2.5-Deg

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Luminous Intensity Plot



Beam:
H Angle: 68°
V Angle: 68.7°
Lumens: 8531.4
Efficiency: 60.0%

Field:
H Angle: 114°
V Angle: 113.4°
Lumens: 13592.6
Efficiency: 95.5%

Spill:
Lumens: 636.5
Efficiency: 4.5%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 2.5-Deg



REPORT NUMBER: P558899 (CONVERTED FROM TYPE C PHOTOMETRY)
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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	0.2	0.4	0.5	0.7	0.9	1.1	1.2	1.4	1.6	1.7
85°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.1	3.5
82.5°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.4	6.0	7.7
80°	0.0	0.7	1.4	2.1	2.8	3.5	4.5	6.5	8.7	11.0	13.3
77.5°	0.0	0.9	1.8	2.7	3.5	4.9	7.5	10.2	13.0	15.9	19.8
75°	0.0	1.1	2.1	3.2	4.4	7.0	10.4	13.8	17.5	23.4	29.2
72.5°	0.0	1.2	2.5	3.7	5.8	9.1	13.3	18.2	25.1	31.9	38.5
70°	0.0	1.4	2.8	4.3	7.1	11.0	16.3	24.7	32.5	40.3	51.3
67.5°	0.0	1.6	3.1	5.1	8.4	12.9	21.3	31.2	39.9	51.5	64.6
65°	0.0	1.7	3.5	5.9	9.7	15.5	25.9	37.5	49.0	62.3	77.1
62.5°	0.0	1.9	3.8	6.6	10.8	18.5	30.3	44.3	57.6	72.9	89.1
60°	0.0	2.0	4.1	7.3	11.9	21.3	34.2	51.1	65.9	84.3	101.1
57.5°	0.0	2.2	4.5	7.9	13.6	23.9	38.2	57.3	75.9	95.7	111.2
55°	0.0	2.4	4.9	8.5	15.1	26.1	41.8	62.1	86.4	106.5	120.3
52.5°	0.0	2.5	5.3	9.1	16.4	28.1	44.8	69.1	96.9	114.9	129.3
50°	0.0	2.6	5.6	9.6	17.6	30.0	47.4	75.7	106.4	123.2	138.9
47.5°	0.0	2.8	6.0	10.0	18.5	31.5	49.8	81.4	113.8	131.4	148.0
45°	0.0	2.9	6.3	10.6	19.2	32.6	53.8	86.2	117.0	138.9	156.5
42.5°	0.0	3.0	6.7	11.0	19.8	33.3	57.1	88.9	119.1	145.9	165.8
40°	0.0	3.1	7.0	11.5	20.1	33.7	59.8	89.9	120.4	151.8	175.0
37.5°	0.0	3.3	7.3	12.0	20.3	33.7	61.8	90.2	121.7	154.4	183.9
35°	0.0	3.4	7.5	12.5	20.2	34.5	63.1	89.7	122.9	160.0	192.8
32.5°	0.0	3.5	7.8	13.0	19.9	35.4	63.4	88.5	124.2	167.2	201.7
30°	0.0	3.6	8.1	13.5	19.4	35.9	62.2	87.2	125.4	175.8	210.0
27.5°	0.0	3.6	8.3	13.9	19.9	35.9	60.5	87.5	128.5	185.6	217.9
25°	0.0	3.7	8.5	14.3	20.5	35.4	58.3	87.5	135.1	193.4	225.3
22.5°	0.0	3.8	8.7	14.7	21.1	35.4	55.7	87.3	142.1	199.3	234.8
20°	0.0	3.9	8.8	15.0	21.6	37.1	52.6	86.8	149.4	204.7	243.3
17.5°	0.0	3.9	9.0	15.3	22.1	38.5	52.0	86.0	156.7	209.6	250.6
15°	0.0	4.0	9.1	15.5	22.6	39.8	53.1	85.6	163.8	213.8	257.0
12.5°	0.0	4.0	9.2	15.7	23.0	40.8	54.0	85.0	170.1	217.5	262.2
10°	0.0	4.0	9.3	15.9	23.4	41.7	54.9	83.3	175.3	220.3	266.2
7.5°	0.0	4.1	9.4	16.0	23.7	42.4	55.6	80.7	179.4	222.6	268.5
5°	0.0	4.1	9.5	16.1	24.0	42.8	56.1	77.3	182.4	224.3	269.7
2.5°	0.0	4.1	9.5	16.2	24.3	43.2	56.8	68.9	183.8	225.7	269.0
0°	0.0	4.1	9.5	16.2	24.3	43.2	56.8	68.9	183.8	225.7	269.0
-2.5°	0.0	4.1	9.5	16.2	24.2	43.1	56.5	73.3	183.9	225.3	269.8
-5°	0.0	4.1	9.5	16.1	24.0	42.8	56.1	77.3	182.4	224.3	269.7
-7.5°	0.0	4.1	9.4	16.0	23.7	42.4	55.6	80.7	179.4	222.6	268.5
-10°	0.0	4.0	9.3	15.9	23.4	41.7	54.9	83.3	175.3	220.3	266.2
-12.5°	0.0	4.0	9.2	15.7	23.0	40.8	54.0	85.0	170.1	217.5	262.2
-15°	0.0	4.0	9.1	15.5	22.6	39.8	53.1	85.6	163.8	213.8	257.0
-17.5°	0.0	3.9	9.0	15.3	22.1	38.5	52.0	86.0	156.7	209.6	250.6
-20°	0.0	3.9	8.8	15.0	21.6	37.1	52.6	86.8	149.4	204.7	243.3



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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	3.8	8.7	14.7	21.1	35.4	55.7	87.3	142.1	199.3	234.8
-25°	0.0	3.7	8.5	14.3	20.5	35.4	58.3	87.5	135.1	193.4	225.3
-27.5°	0.0	3.6	8.3	13.9	19.9	35.9	60.5	87.5	128.5	185.6	217.9
-30°	0.0	3.6	8.1	13.5	19.4	35.9	62.2	87.2	125.4	175.8	210.0
-32.5°	0.0	3.5	7.8	13.0	19.9	35.4	63.4	88.5	124.2	167.2	201.7
-35°	0.0	3.4	7.5	12.5	20.2	34.5	63.1	89.7	122.9	160.0	192.8
-37.5°	0.0	3.3	7.3	12.0	20.3	33.7	61.8	90.2	121.7	154.4	183.9
-40°	0.0	3.1	7.0	11.5	20.1	33.7	59.8	89.9	120.4	151.8	175.0
-42.5°	0.0	3.0	6.7	11.0	19.8	33.3	57.1	88.9	119.1	145.9	165.8
-45°	0.0	2.9	6.3	10.6	19.2	32.6	53.8	86.2	117.0	138.9	156.5
-47.5°	0.0	2.8	6.0	10.0	18.5	31.5	49.8	81.4	113.8	131.4	148.0
-50°	0.0	2.6	5.6	9.6	17.6	30.0	47.4	75.7	106.4	123.2	138.9
-52.5°	0.0	2.5	5.3	9.1	16.4	28.1	44.8	69.1	96.9	114.9	129.3
-55°	0.0	2.4	4.9	8.5	15.1	26.1	41.8	62.1	86.4	106.5	120.3
-57.5°	0.0	2.2	4.5	7.9	13.6	23.9	38.2	57.3	75.9	95.7	111.2
-60°	0.0	2.0	4.1	7.3	11.9	21.3	34.2	51.1	65.9	84.3	101.1
-62.5°	0.0	1.9	3.8	6.6	10.8	18.5	30.3	44.3	57.6	72.9	89.1
-65°	0.0	1.7	3.5	5.9	9.7	15.5	25.9	37.5	49.0	62.3	77.1
-67.5°	0.0	1.6	3.1	5.1	8.4	12.9	21.3	31.2	39.9	51.5	64.6
-70°	0.0	1.4	2.8	4.3	7.1	11.0	16.3	24.7	32.5	40.3	51.3
-72.5°	0.0	1.2	2.5	3.7	5.8	9.1	13.3	18.2	25.1	31.9	38.5
-75°	0.0	1.1	2.1	3.2	4.4	7.0	10.4	13.8	17.5	23.4	29.2
-77.5°	0.0	0.9	1.8	2.7	3.5	4.9	7.5	10.2	13.0	15.9	19.8
-80°	0.0	0.7	1.4	2.1	2.8	3.5	4.5	6.5	8.7	11.0	13.3
-82.5°	0.0	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.4	6.0	7.7
-85°	0.0	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.1	3.5
-87.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.2	1.4	1.6	1.7
-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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 CATALOG NUMBER: GFLD-SA4B-935-U-WR-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°	1.7	1.7	1.6	1.6	1.6	1.7	1.8	1.9	1.8	1.6	1.4
85°	3.5	3.4	3.8	4.1	4.5	4.8	5.0	5.0	5.6	6.3	7.2
82.5°	8.6	9.2	9.5	9.6	9.8	9.7	9.6	9.5	11.7	14.6	17.7
80°	14.4	15.0	17.3	19.7	21.0	20.9	19.8	17.7	20.9	26.2	32.5
77.5°	23.4	26.9	30.5	34.2	34.9	33.2	30.3	26.3	30.9	40.3	50.8
75°	34.1	38.8	44.1	48.1	48.1	45.2	41.4	40.6	48.5	59.8	69.1
72.5°	46.6	53.5	58.6	62.0	61.7	61.2	62.7	66.1	72.5	80.8	88.0
70°	61.7	68.6	72.4	74.1	74.8	78.6	84.2	88.4	93.0	101.1	108.7
67.5°	76.7	82.0	85.3	87.6	93.9	101.1	106.7	111.9	117.5	125.9	132.7
65°	90.1	95.4	100.2	107.2	116.4	123.2	129.9	136.8	146.6	155.9	161.5
62.5°	103.1	108.8	116.0	125.6	135.5	144.2	155.1	167.4	180.2	189.7	200.6
60°	113.2	121.4	131.6	142.9	154.8	169.0	182.9	197.3	210.4	223.2	239.3
57.5°	122.9	134.7	147.3	160.6	176.4	194.1	211.1	226.6	243.1	260.9	279.1
55°	133.4	148.8	162.9	178.8	198.0	220.4	239.3	257.7	277.5	307.5	333.6
52.5°	145.0	162.0	178.0	197.4	221.2	245.2	266.7	292.5	325.5	370.0	442.3
50°	155.9	174.2	192.8	217.9	243.7	269.0	300.1	335.9	402.2	485.2	630.7
47.5°	166.8	186.1	210.8	237.9	266.0	299.3	338.8	417.1	507.4	714.3	920.5
45°	177.5	200.5	227.8	258.5	292.1	333.8	415.8	512.5	758.2	996.2	1244.0
42.5°	188.0	214.9	246.1	278.9	322.7	398.3	503.9	759.3	1025.3	1298.5	1536.4
40°	199.9	228.4	264.5	306.1	364.0	478.7	715.9	1003.3	1303.2	1561.3	1792.8
37.5°	211.2	244.9	284.0	332.5	436.5	628.1	933.6	1252.4	1542.8	1795.1	2042.3
35°	221.5	260.8	307.5	380.1	507.6	823.3	1154.5	1478.7	1756.3	2025.6	2296.1
32.5°	233.6	276.2	330.0	443.2	670.6	1011.8	1364.2	1673.2	1963.8	2251.0	2560.0
30°	247.0	295.3	361.4	503.4	832.2	1194.9	1544.1	1859.7	2161.0	2480.0	2811.0
27.5°	259.6	313.7	413.4	620.1	984.1	1365.9	1707.7	2032.5	2356.0	2695.7	3052.0
25°	271.0	331.2	462.1	748.1	1130.7	1511.8	1858.3	2188.8	2538.1	2907.3	3282.2
22.5°	283.3	348.2	506.1	864.6	1264.8	1641.7	1991.3	2341.7	2711.4	3102.7	3493.7
20°	296.6	384.7	578.4	972.3	1386.7	1759.7	2110.6	2483.8	2873.6	3278.8	3691.8
17.5°	308.8	416.8	664.9	1074.4	1489.1	1862.3	2218.0	2612.5	3014.6	3438.2	3873.2
15°	319.7	444.7	741.0	1164.7	1576.1	1949.5	2322.8	2726.7	3139.9	3581.1	4033.0
12.5°	329.2	468.3	806.5	1242.8	1649.5	2024.0	2410.8	2822.9	3251.6	3706.1	4177.0
10°	337.4	487.5	860.9	1308.1	1709.1	2085.5	2481.5	2903.1	3340.5	3806.7	4293.1
7.5°	342.6	503.4	903.9	1360.2	1755.2	2133.6	2534.8	2966.3	3405.5	3885.3	4380.9
5°	345.9	516.3	935.1	1398.8	1788.7	2169.9	2573.2	3011.7	3447.2	3940.4	4439.9
2.5°	347.5	525.2	954.0	1423.5	1809.8	2195.4	2605.0	3051.4	3491.2	3979.7	4485.6
0°	347.3	529.8	960.9	1434.0	1817.8	2207.0	2620.6	3072.0	3519.4	3996.5	4516.8
-2.5°	347.5	525.2	954.0	1423.5	1809.8	2195.4	2605.0	3051.4	3491.2	3979.7	4485.6
-5°	345.9	516.3	935.1	1398.8	1788.7	2169.9	2573.2	3011.7	3447.2	3940.4	4439.9
-7.5°	342.6	503.4	903.9	1360.2	1755.2	2133.6	2534.8	2966.3	3405.5	3885.3	4380.9
-10°	337.4	487.5	860.9	1308.1	1709.1	2085.5	2481.5	2903.1	3340.5	3806.7	4293.1
-12.5°	329.2	468.3	806.5	1242.8	1649.5	2024.0	2410.8	2822.9	3251.6	3706.1	4177.0
-15°	319.7	444.7	741.0	1164.7	1576.1	1949.5	2322.8	2726.7	3139.9	3581.1	4033.0
-17.5°	308.8	416.8	664.9	1074.4	1489.1	1862.3	2218.0	2612.5	3014.6	3438.2	3873.2
-20°	296.6	384.7	578.4	972.3	1386.7	1759.7	2110.6	2483.8	2873.6	3278.8	3691.8



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 CATALOG NUMBER: GFLD-SA4B-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	283.3	348.2	506.1	864.6	1264.8	1641.7	1991.3	2341.7	2711.4	3102.7	3493.7
-25°	271.0	331.2	462.1	748.1	1130.7	1511.8	1858.3	2188.8	2538.1	2907.3	3282.2
-27.5°	259.6	313.7	413.4	620.1	984.1	1365.9	1707.7	2032.5	2356.0	2695.7	3052.0
-30°	247.0	295.3	361.4	503.4	832.2	1194.9	1544.1	1859.7	2161.0	2480.0	2811.0
-32.5°	233.6	276.2	330.0	443.2	670.6	1011.8	1364.2	1673.2	1963.8	2251.0	2560.0
-35°	221.5	260.8	307.5	380.1	507.6	823.3	1154.5	1478.7	1756.3	2025.6	2296.1
-37.5°	211.2	244.9	284.0	332.5	436.5	628.1	933.6	1252.4	1542.8	1795.1	2042.3
-40°	199.9	228.4	264.5	306.1	364.0	478.7	715.9	1003.3	1303.2	1561.3	1792.8
-42.5°	188.0	214.9	246.1	278.9	322.7	398.3	503.9	759.3	1025.3	1298.5	1536.4
-45°	177.5	200.5	227.8	258.5	292.1	333.8	415.8	512.5	758.2	996.2	1244.0
-47.5°	166.8	186.1	210.8	237.9	266.0	299.3	338.8	417.1	507.4	714.3	920.5
-50°	155.9	174.2	192.8	217.9	243.7	269.0	300.1	335.9	402.2	485.2	630.7
-52.5°	145.0	162.0	178.0	197.4	221.2	245.2	266.7	292.5	325.5	370.0	442.3
-55°	133.4	148.8	162.9	178.8	198.0	220.4	239.3	257.7	277.5	307.5	333.6
-57.5°	122.9	134.7	147.3	160.6	176.4	194.1	211.1	226.6	243.1	260.9	279.1
-60°	113.2	121.4	131.6	142.9	154.8	169.0	182.9	197.3	210.4	223.2	239.3
-62.5°	103.1	108.8	116.0	125.6	135.5	144.2	155.1	167.4	180.2	189.7	200.6
-65°	90.1	95.4	100.2	107.2	116.4	123.2	129.9	136.8	146.6	155.9	161.5
-67.5°	76.7	82.0	85.3	87.6	93.9	101.1	106.7	111.9	117.5	125.9	132.7
-70°	61.7	68.6	72.4	74.1	74.8	78.6	84.2	88.4	93.0	101.1	108.7
-72.5°	46.6	53.5	58.6	62.0	61.7	61.2	62.7	66.1	72.5	80.8	88.0
-75°	34.1	38.8	44.1	48.1	48.1	45.2	41.4	40.6	48.5	59.8	69.1
-77.5°	23.4	26.9	30.5	34.2	34.9	33.2	30.3	26.3	30.9	40.3	50.8
-80°	14.4	15.0	17.3	19.7	21.0	20.9	19.8	17.7	20.9	26.2	32.5
-82.5°	8.6	9.2	9.5	9.6	9.8	9.7	9.6	9.5	11.7	14.6	17.7
-85°	3.5	3.4	3.8	4.1	4.5	4.8	5.0	5.0	5.6	6.3	7.2
-87.5°	1.7	1.7	1.6	1.6	1.6	1.7	1.8	1.9	1.8	1.6	1.4
-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):

	-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°	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4
85°	8.3	8.1	7.8	7.4	6.9	7.1	7.3	7.5	7.6	7.2	6.6
82.5°	21.2	22.8	24.2	25.8	27.5	27.2	26.5	25.4	24.0	21.4	18.5
80°	39.7	43.4	45.9	47.9	49.5	47.9	45.6	43.0	40.0	35.5	30.7
77.5°	61.7	65.4	67.4	69.7	72.2	72.8	72.9	73.1	73.4	65.1	54.6
75°	76.5	81.5	85.6	89.2	92.3	93.9	95.0	96.0	97.0	86.0	71.6
72.5°	94.1	98.9	102.8	106.7	110.2	112.8	114.8	116.5	117.9	109.0	96.4
70°	114.6	119.4	123.9	127.9	131.9	135.4	138.7	141.6	144.3	144.9	145.5
67.5°	137.8	140.6	146.0	151.0	157.1	161.5	166.5	171.1	175.4	179.0	182.1
65°	166.5	176.7	187.1	192.1	192.5	199.0	209.1	214.7	216.3	217.6	220.8
62.5°	214.7	227.8	234.8	243.8	256.2	269.8	275.0	282.4	291.5	301.8	311.1
60°	252.9	264.1	280.8	297.8	313.0	326.7	360.0	389.6	415.0	436.8	457.8
57.5°	300.4	318.9	344.5	390.6	432.7	470.8	535.9	615.4	686.3	748.3	802.8
55°	376.1	430.0	478.5	587.2	703.4	804.0	898.2	998.9	1080.8	1144.9	1204.2
52.5°	505.2	653.3	803.4	944.6	1083.5	1209.9	1323.3	1412.6	1482.2	1534.5	1584.0
50°	808.7	987.2	1170.1	1338.6	1475.0	1599.6	1717.6	1806.1	1880.2	1944.0	2000.4
47.5°	1139.6	1348.6	1521.4	1676.8	1823.8	1962.0	2091.2	2198.9	2290.2	2374.3	2444.4
45°	1468.9	1655.9	1833.1	1999.7	2159.7	2314.7	2453.6	2576.1	2696.9	2796.7	2875.6
42.5°	1747.4	1945.3	2133.8	2324.5	2503.3	2677.2	2845.0	2994.1	3122.3	3231.3	3319.1
40°	2014.7	2228.0	2451.9	2663.7	2876.0	3074.4	3260.3	3430.4	3576.5	3705.6	3814.9
37.5°	2286.7	2535.8	2781.8	3023.1	3257.1	3472.8	3686.1	3882.5	4053.7	4204.8	4331.6
35°	2573.8	2848.3	3116.0	3387.9	3643.3	3893.0	4128.9	4345.0	4534.6	4712.6	4865.6
32.5°	2861.4	3158.9	3460.3	3754.4	4037.5	4317.1	4575.8	4819.4	5043.5	5240.5	5403.8
30°	3141.5	3468.9	3791.4	4111.9	4435.0	4739.6	5026.1	5293.7	5536.9	5751.5	5937.0
27.5°	3410.1	3762.2	4108.0	4474.6	4825.7	5157.1	5468.4	5756.1	6027.5	6271.5	6482.1
25°	3658.8	4032.7	4435.8	4820.3	5196.0	5563.5	5904.6	6217.1	6527.5	6795.9	7024.6
22.5°	3893.6	4311.0	4735.4	5138.7	5553.2	5957.3	6339.1	6701.2	7032.7	7314.0	7557.8
20°	4117.0	4566.2	5003.5	5450.0	5898.8	6334.8	6755.2	7142.2	7492.4	7799.0	8074.0
17.5°	4328.1	4792.8	5257.5	5734.2	6218.9	6677.3	7122.8	7543.8	7926.1	8266.2	8576.2
15°	4510.5	4990.7	5488.4	5995.0	6502.0	6989.4	7462.2	7920.8	8351.0	8721.2	9033.8
12.5°	4665.6	5165.8	5692.3	6223.9	6758.3	7269.2	7770.3	8261.1	8718.3	9116.3	9437.3
10°	4794.3	5318.4	5868.3	6421.9	6970.1	7500.9	8022.1	8529.9	9021.0	9433.5	9763.2
7.5°	4901.5	5445.7	6008.3	6578.7	7131.7	7683.0	8226.5	8739.6	9223.4	9658.4	9997.2
5°	4981.6	5534.9	6109.4	6694.0	7255.5	7826.5	8386.1	8911.1	9390.1	9784.3	10060.9
2.5°	5041.2	5590.4	6175.0	6763.5	7332.4	7924.0	8495.6	9021.1	9511.4	9884.5	10124.0
0°	5081.7	5621.0	6234.6	6811.7	7390.1	7997.0	8561.9	9093.0	9585.0	9949.9	10197.2
-2.5°	5041.2	5590.4	6175.0	6763.5	7332.4	7924.0	8495.6	9021.1	9511.4	9884.5	10124.0
-5°	4981.6	5534.9	6109.4	6694.0	7255.5	7826.5	8386.1	8911.1	9390.1	9784.3	10060.9
-7.5°	4901.5	5445.7	6008.3	6578.7	7131.7	7683.0	8226.5	8739.6	9223.4	9658.4	9997.2
-10°	4794.3	5318.4	5868.3	6421.9	6970.1	7500.9	8022.1	8529.9	9021.0	9433.5	9763.2
-12.5°	4665.6	5165.8	5692.3	6223.9	6758.3	7269.2	7770.3	8261.1	8718.3	9116.3	9437.3
-15°	4510.5	4990.7	5488.4	5995.0	6502.0	6989.4	7462.2	7920.8	8351.0	8721.2	9033.8
-17.5°	4328.1	4792.8	5257.5	5734.2	6218.9	6677.3	7122.8	7543.8	7926.1	8266.2	8576.2
-20°	4117.0	4566.2	5003.5	5450.0	5898.8	6334.8	6755.2	7142.2	7492.4	7799.0	8074.0



REPORT NUMBER: P558899 (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°	3893.6	4311.0	4735.4	5138.7	5553.2	5957.3	6339.1	6701.2	7032.7	7314.0	7557.8
-25°	3658.8	4032.7	4435.8	4820.3	5196.0	5563.5	5904.6	6217.1	6527.5	6795.9	7024.6
-27.5°	3410.1	3762.2	4108.0	4474.6	4825.7	5157.1	5468.4	5756.1	6027.5	6271.5	6482.1
-30°	3141.5	3468.9	3791.4	4111.9	4435.0	4739.6	5026.1	5293.7	5536.9	5751.5	5937.0
-32.5°	2861.4	3158.9	3460.3	3754.4	4037.5	4317.1	4575.8	4819.4	5043.5	5240.5	5403.8
-35°	2573.8	2848.3	3116.0	3387.9	3643.3	3893.0	4128.9	4345.0	4534.6	4712.6	4865.6
-37.5°	2286.7	2535.8	2781.8	3023.1	3257.1	3472.8	3686.1	3882.5	4053.7	4204.8	4331.6
-40°	2014.7	2228.0	2451.9	2663.7	2876.0	3074.4	3260.3	3430.4	3576.5	3705.6	3814.9
-42.5°	1747.4	1945.3	2133.8	2324.5	2503.3	2677.2	2845.0	2994.1	3122.3	3231.3	3319.1
-45°	1468.9	1655.9	1833.1	1999.7	2159.7	2314.7	2453.6	2576.1	2696.9	2796.7	2875.6
-47.5°	1139.6	1348.6	1521.4	1676.8	1823.8	1962.0	2091.2	2198.9	2290.2	2374.3	2444.4
-50°	808.7	987.2	1170.1	1338.6	1475.0	1599.6	1717.6	1806.1	1880.2	1944.0	2000.4
-52.5°	505.2	653.3	803.4	944.6	1083.5	1209.9	1323.3	1412.6	1482.2	1534.5	1584.0
-55°	376.1	430.0	478.5	587.2	703.4	804.0	898.2	998.9	1080.8	1144.9	1204.2
-57.5°	300.4	318.9	344.5	390.6	432.7	470.8	535.9	615.4	686.3	748.3	802.8
-60°	252.9	264.1	280.8	297.8	313.0	326.7	360.0	389.6	415.0	436.8	457.8
-62.5°	214.7	227.8	234.8	243.8	256.2	269.8	275.0	282.4	291.5	301.8	311.1
-65°	166.5	176.7	187.1	192.1	192.5	199.0	209.1	214.7	216.3	217.6	220.8
-67.5°	137.8	140.6	146.0	151.0	157.1	161.5	166.5	171.1	175.4	179.0	182.1
-70°	114.6	119.4	123.9	127.9	131.9	135.4	138.7	141.6	144.3	144.9	145.5
-72.5°	94.1	98.9	102.8	106.7	110.2	112.8	114.8	116.5	117.9	109.0	96.4
-75°	76.5	81.5	85.6	89.2	92.3	93.9	95.0	96.0	97.0	86.0	71.6
-77.5°	61.7	65.4	67.4	69.7	72.2	72.8	72.9	73.1	73.4	65.1	54.6
-80°	39.7	43.4	45.9	47.9	49.5	47.9	45.6	43.0	40.0	35.5	30.7
-82.5°	21.2	22.8	24.2	25.8	27.5	27.2	26.5	25.4	24.0	21.4	18.5
-85°	8.3	8.1	7.8	7.4	6.9	7.1	7.3	7.5	7.6	7.2	6.6
-87.5°	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4
-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: P558899 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-935-U-WR-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°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3
85°	6.0	5.4	5.4	5.4	5.4	5.4	6.0	6.6	7.2	7.6	7.5
82.5°	15.4	12.2	12.8	13.5	12.8	12.2	15.4	18.5	21.4	24.0	25.4
80°	25.6	20.3	20.9	21.6	20.9	20.3	25.6	30.7	35.5	40.0	43.0
77.5°	43.3	31.5	30.4	29.7	30.4	31.5	43.3	54.6	65.1	73.4	73.1
75°	56.6	41.3	40.4	40.5	40.4	41.3	56.6	71.6	86.0	97.0	96.0
72.5°	83.7	70.8	61.8	52.7	61.8	70.8	83.7	96.4	109.0	117.9	116.5
70°	147.1	148.9	148.2	146.0	148.2	148.9	147.1	145.5	144.9	144.3	141.6
67.5°	184.6	186.5	186.9	186.5	186.9	186.5	184.6	182.1	179.0	175.4	171.1
65°	223.0	224.3	225.3	225.7	225.3	224.3	223.0	220.8	217.6	216.3	214.7
62.5°	318.1	322.7	327.7	331.1	327.7	322.7	318.1	311.1	301.8	291.5	282.4
60°	476.2	491.4	498.1	498.7	498.1	491.4	476.2	457.8	436.8	415.0	389.6
57.5°	846.4	879.0	908.1	929.8	908.1	879.0	846.4	802.8	748.3	686.3	615.4
55°	1251.4	1286.1	1305.7	1311.0	1305.7	1286.1	1251.4	1204.2	1144.9	1080.8	998.9
52.5°	1621.6	1644.7	1666.5	1685.3	1666.5	1644.7	1621.6	1584.0	1534.5	1482.2	1412.6
50°	2043.0	2068.8	2090.4	2107.0	2090.4	2068.8	2043.0	2000.4	1944.0	1880.2	1806.1
47.5°	2493.6	2525.1	2548.2	2563.8	2548.2	2525.1	2493.6	2444.4	2374.3	2290.2	2198.9
45°	2943.1	2997.0	3029.8	3035.5	3029.8	2997.0	2943.1	2875.6	2796.7	2696.9	2576.1
42.5°	3394.9	3446.6	3481.4	3507.2	3481.4	3446.6	3394.9	3319.1	3231.3	3122.3	2994.1
40°	3906.0	3970.8	4000.6	3981.6	4000.6	3970.8	3906.0	3814.9	3705.6	3576.5	3430.4
37.5°	4429.5	4496.1	4530.5	4529.0	4530.5	4496.1	4429.5	4331.6	4204.8	4053.7	3882.5
35°	4984.5	5067.2	5111.9	5100.6	5111.9	5067.2	4984.5	4865.6	4712.6	4534.6	4345.0
32.5°	5534.3	5634.2	5698.8	5708.8	5698.8	5634.2	5534.3	5403.8	5240.5	5043.5	4819.4
30°	6085.8	6193.9	6258.1	6264.3	6258.1	6193.9	6085.8	5937.0	5751.5	5536.9	5293.7
27.5°	6658.9	6779.7	6846.9	6863.0	6846.9	6779.7	6658.9	6482.1	6271.5	6027.5	5756.1
25°	7219.6	7353.7	7430.8	7460.4	7430.8	7353.7	7219.6	7024.6	6795.9	6527.5	6217.1
22.5°	7760.2	7907.3	8007.9	8033.5	8007.9	7907.3	7760.2	7557.8	7314.0	7032.7	6701.2
20°	8302.5	8476.1	8604.6	8617.3	8604.6	8476.1	8302.5	8074.0	7799.0	7492.4	7142.2
17.5°	8824.6	9012.5	9150.0	9183.6	9150.0	9012.5	8824.6	8576.2	8266.2	7926.1	7543.8
15°	9292.1	9489.2	9622.0	9651.2	9622.0	9489.2	9292.1	9033.8	8721.2	8351.0	7920.8
12.5°	9695.4	9877.2	10001.2	10048.6	10001.2	9877.2	9695.4	9437.3	9116.3	8718.3	8261.1
10°	10020.3	10160.7	10271.6	10321.6	10271.6	10160.7	10020.3	9763.2	9433.5	9021.0	8529.9
7.5°	10201.8	10317.2	10394.0	10421.6	10394.0	10317.2	10201.8	9997.2	9658.4	9223.4	8739.6
5°	10273.4	10384.1	10425.7	10450.0	10425.7	10384.1	10273.4	10060.9	9784.3	9390.1	8911.1
2.5°	10283.2	10371.9	10457.3	10513.5	10457.3	10371.9	10283.2	10124.0	9884.5	9511.4	9021.1
0°	10340.5	10427.0	10474.3	10501.3	10474.3	10427.0	10340.5	10197.2	9949.9	9585.0	9093.0
-2.5°	10283.2	10371.9	10457.3	10513.5	10457.3	10371.9	10283.2	10124.0	9884.5	9511.4	9021.1
-5°	10273.4	10384.1	10425.7	10450.0	10425.7	10384.1	10273.4	10060.9	9784.3	9390.1	8911.1
-7.5°	10201.8	10317.2	10394.0	10421.6	10394.0	10317.2	10201.8	9997.2	9658.4	9223.4	8739.6
-10°	10020.3	10160.7	10271.6	10321.6	10271.6	10160.7	10020.3	9763.2	9433.5	9021.0	8529.9
-12.5°	9695.4	9877.2	10001.2	10048.6	10001.2	9877.2	9695.4	9437.3	9116.3	8718.3	8261.1
-15°	9292.1	9489.2	9622.0	9651.2	9622.0	9489.2	9292.1	9033.8	8721.2	8351.0	7920.8
-17.5°	8824.6	9012.5	9150.0	9183.6	9150.0	9012.5	8824.6	8576.2	8266.2	7926.1	7543.8
-20°	8302.5	8476.1	8604.6	8617.3	8604.6	8476.1	8302.5	8074.0	7799.0	7492.4	7142.2



REPORT NUMBER: P558899 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	7760.2	7907.3	8007.9	8033.5	8007.9	7907.3	7760.2	7557.8	7314.0	7032.7	6701.2
-25°	7219.6	7353.7	7430.8	7460.4	7430.8	7353.7	7219.6	7024.6	6795.9	6527.5	6217.1
-27.5°	6658.9	6779.7	6846.9	6863.0	6846.9	6779.7	6658.9	6482.1	6271.5	6027.5	5756.1
-30°	6085.8	6193.9	6258.1	6264.3	6258.1	6193.9	6085.8	5937.0	5751.5	5536.9	5293.7
-32.5°	5534.3	5634.2	5698.8	5708.8	5698.8	5634.2	5534.3	5403.8	5240.5	5043.5	4819.4
-35°	4984.5	5067.2	5111.9	5100.6	5111.9	5067.2	4984.5	4865.6	4712.6	4534.6	4345.0
-37.5°	4429.5	4496.1	4530.5	4529.0	4530.5	4496.1	4429.5	4331.6	4204.8	4053.7	3882.5
-40°	3906.0	3970.8	4000.6	3981.6	4000.6	3970.8	3906.0	3814.9	3705.6	3576.5	3430.4
-42.5°	3394.9	3446.6	3481.4	3507.2	3481.4	3446.6	3394.9	3319.1	3231.3	3122.3	2994.1
-45°	2943.1	2997.0	3029.8	3035.5	3029.8	2997.0	2943.1	2875.6	2796.7	2696.9	2576.1
-47.5°	2493.6	2525.1	2548.2	2563.8	2548.2	2525.1	2493.6	2444.4	2374.3	2290.2	2198.9
-50°	2043.0	2068.8	2090.4	2107.0	2090.4	2068.8	2043.0	2000.4	1944.0	1880.2	1806.1
-52.5°	1621.6	1644.7	1666.5	1685.3	1666.5	1644.7	1621.6	1584.0	1534.5	1482.2	1412.6
-55°	1251.4	1286.1	1305.7	1311.0	1305.7	1286.1	1251.4	1204.2	1144.9	1080.8	998.9
-57.5°	846.4	879.0	908.1	929.8	908.1	879.0	846.4	802.8	748.3	686.3	615.4
-60°	476.2	491.4	498.1	498.7	498.1	491.4	476.2	457.8	436.8	415.0	389.6
-62.5°	318.1	322.7	327.7	331.1	327.7	322.7	318.1	311.1	301.8	291.5	282.4
-65°	223.0	224.3	225.3	225.7	225.3	224.3	223.0	220.8	217.6	216.3	214.7
-67.5°	184.6	186.5	186.9	186.5	186.9	186.5	184.6	182.1	179.0	175.4	171.1
-70°	147.1	148.9	148.2	146.0	148.2	148.9	147.1	145.5	144.9	144.3	141.6
-72.5°	83.7	70.8	61.8	52.7	61.8	70.8	83.7	96.4	109.0	117.9	116.5
-75°	56.6	41.3	40.4	40.5	40.4	41.3	56.6	71.6	86.0	97.0	96.0
-77.5°	43.3	31.5	30.4	29.7	30.4	31.5	43.3	54.6	65.1	73.4	73.1
-80°	25.6	20.3	20.9	21.6	20.9	20.3	25.6	30.7	35.5	40.0	43.0
-82.5°	15.4	12.2	12.8	13.5	12.8	12.2	15.4	18.5	21.4	24.0	25.4
-85°	6.0	5.4	5.4	5.4	5.4	5.4	6.0	6.6	7.2	7.6	7.5
-87.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3
-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: P558899 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.4	1.6	1.8	1.9
85°	7.3	7.1	6.9	7.4	7.8	8.1	8.3	7.2	6.3	5.6	5.0
82.5°	26.5	27.2	27.5	25.8	24.2	22.8	21.2	17.7	14.6	11.7	9.5
80°	45.6	47.9	49.5	47.9	45.9	43.4	39.7	32.5	26.2	20.9	17.7
77.5°	72.9	72.8	72.2	69.7	67.4	65.4	61.7	50.8	40.3	30.9	26.3
75°	95.0	93.9	92.3	89.2	85.6	81.5	76.5	69.1	59.8	48.5	40.6
72.5°	114.8	112.8	110.2	106.7	102.8	98.9	94.1	88.0	80.8	72.5	66.1
70°	138.7	135.4	131.9	127.9	123.9	119.4	114.6	108.7	101.1	93.0	88.4
67.5°	166.5	161.5	157.1	151.0	146.0	140.6	137.8	132.7	125.9	117.5	111.9
65°	209.1	199.0	192.5	192.1	187.1	176.7	166.5	161.5	155.9	146.6	136.8
62.5°	275.0	269.8	256.2	243.8	234.8	227.8	214.7	200.6	189.7	180.2	167.4
60°	360.0	326.7	313.0	297.8	280.8	264.1	252.9	239.3	223.2	210.4	197.3
57.5°	535.9	470.8	432.7	390.6	344.5	318.9	300.4	279.1	260.9	243.1	226.6
55°	898.2	804.0	703.4	587.2	478.5	430.0	376.1	333.6	307.5	277.5	257.7
52.5°	1323.3	1209.9	1083.5	944.6	803.4	653.3	505.2	442.3	370.0	325.5	292.5
50°	1717.6	1599.6	1475.0	1338.6	1170.1	987.2	808.7	630.7	485.2	402.2	335.9
47.5°	2091.2	1962.0	1823.8	1676.8	1521.4	1348.6	1139.6	920.5	714.3	507.4	417.1
45°	2453.6	2314.7	2159.7	1999.7	1833.1	1655.9	1468.9	1244.0	996.2	758.2	512.5
42.5°	2845.0	2677.2	2503.3	2324.5	2133.8	1945.3	1747.4	1536.4	1298.5	1025.3	759.3
40°	3260.3	3074.4	2876.0	2663.7	2451.9	2228.0	2014.7	1792.8	1561.3	1303.2	1003.3
37.5°	3686.1	3472.8	3257.1	3023.1	2781.8	2535.8	2286.7	2042.3	1795.1	1542.8	1252.4
35°	4128.9	3893.0	3643.3	3387.9	3116.0	2848.3	2573.8	2296.1	2025.6	1756.3	1478.7
32.5°	4575.8	4317.1	4037.5	3754.4	3460.3	3158.9	2861.4	2560.0	2251.0	1963.8	1673.2
30°	5026.1	4739.6	4435.0	4111.9	3791.4	3468.9	3141.5	2811.0	2480.0	2161.0	1859.7
27.5°	5468.4	5157.1	4825.7	4474.6	4108.0	3762.2	3410.1	3052.0	2695.7	2356.0	2032.5
25°	5904.6	5563.5	5196.0	4820.3	4435.8	4032.7	3658.8	3282.2	2907.3	2538.1	2188.8
22.5°	6339.1	5957.3	5553.2	5138.7	4735.4	4311.0	3893.6	3493.7	3102.7	2711.4	2341.7
20°	6755.2	6334.8	5898.8	5450.0	5003.5	4566.2	4117.0	3691.8	3278.8	2873.6	2483.8
17.5°	7122.8	6677.3	6218.9	5734.2	5257.5	4792.8	4328.1	3873.2	3438.2	3014.6	2612.5
15°	7462.2	6989.4	6502.0	5995.0	5488.4	4990.7	4510.5	4033.0	3581.1	3139.9	2726.7
12.5°	7770.3	7269.2	6758.3	6223.9	5692.3	5165.8	4665.6	4177.0	3706.1	3251.6	2822.9
10°	8022.1	7500.9	6970.1	6421.9	5868.3	5318.4	4794.3	4293.1	3806.7	3340.5	2903.1
7.5°	8226.5	7683.0	7131.7	6578.7	6008.3	5445.7	4901.5	4380.9	3885.3	3405.5	2966.3
5°	8386.1	7826.5	7255.5	6694.0	6109.4	5534.9	4981.6	4439.9	3940.4	3447.2	3011.7
2.5°	8495.6	7924.0	7332.4	6763.5	6175.0	5590.4	5041.2	4485.6	3979.7	3491.2	3051.4
0°	8561.9	7997.0	7390.1	6811.7	6234.6	5621.0	5081.7	4516.8	3996.5	3519.4	3072.0
-2.5°	8495.6	7924.0	7332.4	6763.5	6175.0	5590.4	5041.2	4485.6	3979.7	3491.2	3051.4
-5°	8386.1	7826.5	7255.5	6694.0	6109.4	5534.9	4981.6	4439.9	3940.4	3447.2	3011.7
-7.5°	8226.5	7683.0	7131.7	6578.7	6008.3	5445.7	4901.5	4380.9	3885.3	3405.5	2966.3
-10°	8022.1	7500.9	6970.1	6421.9	5868.3	5318.4	4794.3	4293.1	3806.7	3340.5	2903.1
-12.5°	7770.3	7269.2	6758.3	6223.9	5692.3	5165.8	4665.6	4177.0	3706.1	3251.6	2822.9
-15°	7462.2	6989.4	6502.0	5995.0	5488.4	4990.7	4510.5	4033.0	3581.1	3139.9	2726.7
-17.5°	7122.8	6677.3	6218.9	5734.2	5257.5	4792.8	4328.1	3873.2	3438.2	3014.6	2612.5
-20°	6755.2	6334.8	5898.8	5450.0	5003.5	4566.2	4117.0	3691.8	3278.8	2873.6	2483.8



REPORT NUMBER: P558899 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-935-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6339.1	5957.3	5553.2	5138.7	4735.4	4311.0	3893.6	3493.7	3102.7	2711.4	2341.7
-25°	5904.6	5563.5	5196.0	4820.3	4435.8	4032.7	3658.8	3282.2	2907.3	2538.1	2188.8
-27.5°	5468.4	5157.1	4825.7	4474.6	4108.0	3762.2	3410.1	3052.0	2695.7	2356.0	2032.5
-30°	5026.1	4739.6	4435.0	4111.9	3791.4	3468.9	3141.5	2811.0	2480.0	2161.0	1859.7
-32.5°	4575.8	4317.1	4037.5	3754.4	3460.3	3158.9	2861.4	2560.0	2251.0	1963.8	1673.2
-35°	4128.9	3893.0	3643.3	3387.9	3116.0	2848.3	2573.8	2296.1	2025.6	1756.3	1478.7
-37.5°	3686.1	3472.8	3257.1	3023.1	2781.8	2535.8	2286.7	2042.3	1795.1	1542.8	1252.4
-40°	3260.3	3074.4	2876.0	2663.7	2451.9	2228.0	2014.7	1792.8	1561.3	1303.2	1003.3
-42.5°	2845.0	2677.2	2503.3	2324.5	2133.8	1945.3	1747.4	1536.4	1298.5	1025.3	759.3
-45°	2453.6	2314.7	2159.7	1999.7	1833.1	1655.9	1468.9	1244.0	996.2	758.2	512.5
-47.5°	2091.2	1962.0	1823.8	1676.8	1521.4	1348.6	1139.6	920.5	714.3	507.4	417.1
-50°	1717.6	1599.6	1475.0	1338.6	1170.1	987.2	808.7	630.7	485.2	402.2	335.9
-52.5°	1323.3	1209.9	1083.5	944.6	803.4	653.3	505.2	442.3	370.0	325.5	292.5
-55°	898.2	804.0	703.4	587.2	478.5	430.0	376.1	333.6	307.5	277.5	257.7
-57.5°	535.9	470.8	432.7	390.6	344.5	318.9	300.4	279.1	260.9	243.1	226.6
-60°	360.0	326.7	313.0	297.8	280.8	264.1	252.9	239.3	223.2	210.4	197.3
-62.5°	275.0	269.8	256.2	243.8	234.8	227.8	214.7	200.6	189.7	180.2	167.4
-65°	209.1	199.0	192.5	192.1	187.1	176.7	166.5	161.5	155.9	146.6	136.8
-67.5°	166.5	161.5	157.1	151.0	146.0	140.6	137.8	132.7	125.9	117.5	111.9
-70°	138.7	135.4	131.9	127.9	123.9	119.4	114.6	108.7	101.1	93.0	88.4
-72.5°	114.8	112.8	110.2	106.7	102.8	98.9	94.1	88.0	80.8	72.5	66.1
-75°	95.0	93.9	92.3	89.2	85.6	81.5	76.5	69.1	59.8	48.5	40.6
-77.5°	72.9	72.8	72.2	69.7	67.4	65.4	61.7	50.8	40.3	30.9	26.3
-80°	45.6	47.9	49.5	47.9	45.9	43.4	39.7	32.5	26.2	20.9	17.7
-82.5°	26.5	27.2	27.5	25.8	24.2	22.8	21.2	17.7	14.6	11.7	9.5
-85°	7.3	7.1	6.9	7.4	7.8	8.1	8.3	7.2	6.3	5.6	5.0
-87.5°	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.4	1.6	1.8	1.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558899 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-935-U-WR-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°	1.8	1.7	1.6	1.6	1.6	1.7	1.7	1.7	1.6	1.4	1.2
85°	5.0	4.8	4.5	4.1	3.8	3.4	3.5	3.5	3.1	2.8	2.5
82.5°	9.6	9.7	9.8	9.6	9.5	9.2	8.6	7.7	6.0	4.4	3.7
80°	19.8	20.9	21.0	19.7	17.3	15.0	14.4	13.3	11.0	8.7	6.5
77.5°	30.3	33.2	34.9	34.2	30.5	26.9	23.4	19.8	15.9	13.0	10.2
75°	41.4	45.2	48.1	48.1	44.1	38.8	34.1	29.2	23.4	17.5	13.8
72.5°	62.7	61.2	61.7	62.0	58.6	53.5	46.6	38.5	31.9	25.1	18.2
70°	84.2	78.6	74.8	74.1	72.4	68.6	61.7	51.3	40.3	32.5	24.7
67.5°	106.7	101.1	93.9	87.6	85.3	82.0	76.7	64.6	51.5	39.9	31.2
65°	129.9	123.2	116.4	107.2	100.2	95.4	90.1	77.1	62.3	49.0	37.5
62.5°	155.1	144.2	135.5	125.6	116.0	108.8	103.1	89.1	72.9	57.6	44.3
60°	182.9	169.0	154.8	142.9	131.6	121.4	113.2	101.1	84.3	65.9	51.1
57.5°	211.1	194.1	176.4	160.6	147.3	134.7	122.9	111.2	95.7	75.9	57.3
55°	239.3	220.4	198.0	178.8	162.9	148.8	133.4	120.3	106.5	86.4	62.1
52.5°	266.7	245.2	221.2	197.4	178.0	162.0	145.0	129.3	114.9	96.9	69.1
50°	300.1	269.0	243.7	217.9	192.8	174.2	155.9	138.9	123.2	106.4	75.7
47.5°	338.8	299.3	266.0	237.9	210.8	186.1	166.8	148.0	131.4	113.8	81.4
45°	415.8	333.8	292.1	258.5	227.8	200.5	177.5	156.5	138.9	117.0	86.2
42.5°	503.9	398.3	322.7	278.9	246.1	214.9	188.0	165.8	145.9	119.1	88.9
40°	715.9	478.7	364.0	306.1	264.5	228.4	199.9	175.0	151.8	120.4	89.9
37.5°	933.6	628.1	436.5	332.5	284.0	244.9	211.2	183.9	154.4	121.7	90.2
35°	1154.5	823.3	507.6	380.1	307.5	260.8	221.5	192.8	160.0	122.9	89.7
32.5°	1364.2	1011.8	670.6	443.2	330.0	276.2	233.6	201.7	167.2	124.2	88.5
30°	1544.1	1194.9	832.2	503.4	361.4	295.3	247.0	210.0	175.8	125.4	87.2
27.5°	1707.7	1365.9	984.1	620.1	413.4	313.7	259.6	217.9	185.6	128.5	87.5
25°	1858.3	1511.8	1130.7	748.1	462.1	331.2	271.0	225.3	193.4	135.1	87.5
22.5°	1991.3	1641.7	1264.8	864.6	506.1	348.2	283.3	234.8	199.3	142.1	87.3
20°	2110.6	1759.7	1386.7	972.3	578.4	384.7	296.6	243.3	204.7	149.4	86.8
17.5°	2218.0	1862.3	1489.1	1074.4	664.9	416.8	308.8	250.6	209.6	156.7	86.0
15°	2322.8	1949.5	1576.1	1164.7	741.0	444.7	319.7	257.0	213.8	163.8	85.6
12.5°	2410.8	2024.0	1649.5	1242.8	806.5	468.3	329.2	262.2	217.5	170.1	85.0
10°	2481.5	2085.5	1709.1	1308.1	860.9	487.5	337.4	266.2	220.3	175.3	83.3
7.5°	2534.8	2133.6	1755.2	1360.2	903.9	503.4	342.6	268.5	222.6	179.4	80.7
5°	2573.2	2169.9	1788.7	1398.8	935.1	516.3	345.9	269.7	224.3	182.4	77.3
2.5°	2605.0	2195.4	1809.8	1423.5	954.0	525.2	347.5	269.8	225.3	183.9	73.3
0°	2620.6	2207.0	1817.8	1434.0	960.9	529.8	347.3	269.0	225.7	183.8	68.9
-2.5°	2605.0	2195.4	1809.8	1423.5	954.0	525.2	347.5	269.8	225.3	183.9	73.3
-5°	2573.2	2169.9	1788.7	1398.8	935.1	516.3	345.9	269.7	224.3	182.4	77.3
-7.5°	2534.8	2133.6	1755.2	1360.2	903.9	503.4	342.6	268.5	222.6	179.4	80.7
-10°	2481.5	2085.5	1709.1	1308.1	860.9	487.5	337.4	266.2	220.3	175.3	83.3
-12.5°	2410.8	2024.0	1649.5	1242.8	806.5	468.3	329.2	262.2	217.5	170.1	85.0
-15°	2322.8	1949.5	1576.1	1164.7	741.0	444.7	319.7	257.0	213.8	163.8	85.6
-17.5°	2218.0	1862.3	1489.1	1074.4	664.9	416.8	308.8	250.6	209.6	156.7	86.0
-20°	2110.6	1759.7	1386.7	972.3	578.4	384.7	296.6	243.3	204.7	149.4	86.8



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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°	1991.3	1641.7	1264.8	864.6	506.1	348.2	283.3	234.8	199.3	142.1	87.3
-25°	1858.3	1511.8	1130.7	748.1	462.1	331.2	271.0	225.3	193.4	135.1	87.5
-27.5°	1707.7	1365.9	984.1	620.1	413.4	313.7	259.6	217.9	185.6	128.5	87.5
-30°	1544.1	1194.9	832.2	503.4	361.4	295.3	247.0	210.0	175.8	125.4	87.2
-32.5°	1364.2	1011.8	670.6	443.2	330.0	276.2	233.6	201.7	167.2	124.2	88.5
-35°	1154.5	823.3	507.6	380.1	307.5	260.8	221.5	192.8	160.0	122.9	89.7
-37.5°	933.6	628.1	436.5	332.5	284.0	244.9	211.2	183.9	154.4	121.7	90.2
-40°	715.9	478.7	364.0	306.1	264.5	228.4	199.9	175.0	151.8	120.4	89.9
-42.5°	503.9	398.3	322.7	278.9	246.1	214.9	188.0	165.8	145.9	119.1	88.9
-45°	415.8	333.8	292.1	258.5	227.8	200.5	177.5	156.5	138.9	117.0	86.2
-47.5°	338.8	299.3	266.0	237.9	210.8	186.1	166.8	148.0	131.4	113.8	81.4
-50°	300.1	269.0	243.7	217.9	192.8	174.2	155.9	138.9	123.2	106.4	75.7
-52.5°	266.7	245.2	221.2	197.4	178.0	162.0	145.0	129.3	114.9	96.9	69.1
-55°	239.3	220.4	198.0	178.8	162.9	148.8	133.4	120.3	106.5	86.4	62.1
-57.5°	211.1	194.1	176.4	160.6	147.3	134.7	122.9	111.2	95.7	75.9	57.3
-60°	182.9	169.0	154.8	142.9	131.6	121.4	113.2	101.1	84.3	65.9	51.1
-62.5°	155.1	144.2	135.5	125.6	116.0	108.8	103.1	89.1	72.9	57.6	44.3
-65°	129.9	123.2	116.4	107.2	100.2	95.4	90.1	77.1	62.3	49.0	37.5
-67.5°	106.7	101.1	93.9	87.6	85.3	82.0	76.7	64.6	51.5	39.9	31.2
-70°	84.2	78.6	74.8	74.1	72.4	68.6	61.7	51.3	40.3	32.5	24.7
-72.5°	62.7	61.2	61.7	62.0	58.6	53.5	46.6	38.5	31.9	25.1	18.2
-75°	41.4	45.2	48.1	48.1	44.1	38.8	34.1	29.2	23.4	17.5	13.8
-77.5°	30.3	33.2	34.9	34.2	30.5	26.9	23.4	19.8	15.9	13.0	10.2
-80°	19.8	20.9	21.0	19.7	17.3	15.0	14.4	13.3	11.0	8.7	6.5
-82.5°	9.6	9.7	9.8	9.6	9.5	9.2	8.6	7.7	6.0	4.4	3.7
-85°	5.0	4.8	4.5	4.1	3.8	3.4	3.5	3.5	3.1	2.8	2.5
-87.5°	1.8	1.7	1.6	1.6	1.6	1.7	1.7	1.7	1.6	1.4	1.2
-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°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
85°	2.1	1.8	1.4	1.1	0.7	0.4	0.0
82.5°	3.2	2.7	2.1	1.6	1.1	0.5	0.0
80°	4.5	3.5	2.8	2.1	1.4	0.7	0.0
77.5°	7.5	4.9	3.5	2.7	1.8	0.9	0.0
75°	10.4	7.0	4.4	3.2	2.1	1.1	0.0
72.5°	13.3	9.1	5.8	3.7	2.5	1.2	0.0
70°	16.3	11.0	7.1	4.3	2.8	1.4	0.0
67.5°	21.3	12.9	8.4	5.1	3.1	1.6	0.0
65°	25.9	15.5	9.7	5.9	3.5	1.7	0.0
62.5°	30.3	18.5	10.8	6.6	3.8	1.9	0.0
60°	34.2	21.3	11.9	7.3	4.1	2.0	0.0
57.5°	38.2	23.9	13.6	7.9	4.5	2.2	0.0
55°	41.8	26.1	15.1	8.5	4.9	2.4	0.0
52.5°	44.8	28.1	16.4	9.1	5.3	2.5	0.0
50°	47.4	30.0	17.6	9.6	5.6	2.6	0.0
47.5°	49.8	31.5	18.5	10.0	6.0	2.8	0.0
45°	53.8	32.6	19.2	10.6	6.3	2.9	0.0
42.5°	57.1	33.3	19.8	11.0	6.7	3.0	0.0
40°	59.8	33.7	20.1	11.5	7.0	3.1	0.0
37.5°	61.8	33.7	20.3	12.0	7.3	3.3	0.0
35°	63.1	34.5	20.2	12.5	7.5	3.4	0.0
32.5°	63.4	35.4	19.9	13.0	7.8	3.5	0.0
30°	62.2	35.9	19.4	13.5	8.1	3.6	0.0
27.5°	60.5	35.9	19.9	13.9	8.3	3.6	0.0
25°	58.3	35.4	20.5	14.3	8.5	3.7	0.0
22.5°	55.7	35.4	21.1	14.7	8.7	3.8	0.0
20°	52.6	37.1	21.6	15.0	8.8	3.9	0.0
17.5°	52.0	38.5	22.1	15.3	9.0	3.9	0.0
15°	53.1	39.8	22.6	15.5	9.1	4.0	0.0
12.5°	54.0	40.8	23.0	15.7	9.2	4.0	0.0
10°	54.9	41.7	23.4	15.9	9.3	4.0	0.0
7.5°	55.6	42.4	23.7	16.0	9.4	4.1	0.0
5°	56.1	42.8	24.0	16.1	9.5	4.1	0.0
2.5°	56.5	43.1	24.2	16.2	9.5	4.1	0.0
0°	56.8	43.2	24.3	16.2	9.5	4.1	0.0
-2.5°	56.5	43.1	24.2	16.2	9.5	4.1	0.0
-5°	56.1	42.8	24.0	16.1	9.5	4.1	0.0
-7.5°	55.6	42.4	23.7	16.0	9.4	4.1	0.0
-10°	54.9	41.7	23.4	15.9	9.3	4.0	0.0
-12.5°	54.0	40.8	23.0	15.7	9.2	4.0	0.0
-15°	53.1	39.8	22.6	15.5	9.1	4.0	0.0
-17.5°	52.0	38.5	22.1	15.3	9.0	3.9	0.0
-20°	52.6	37.1	21.6	15.0	8.8	3.9	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	55.7	35.4	21.1	14.7	8.7	3.8	0.0
-25°	58.3	35.4	20.5	14.3	8.5	3.7	0.0
-27.5°	60.5	35.9	19.9	13.9	8.3	3.6	0.0
-30°	62.2	35.9	19.4	13.5	8.1	3.6	0.0
-32.5°	63.4	35.4	19.9	13.0	7.8	3.5	0.0
-35°	63.1	34.5	20.2	12.5	7.5	3.4	0.0
-37.5°	61.8	33.7	20.3	12.0	7.3	3.3	0.0
-40°	59.8	33.7	20.1	11.5	7.0	3.1	0.0
-42.5°	57.1	33.3	19.8	11.0	6.7	3.0	0.0
-45°	53.8	32.6	19.2	10.6	6.3	2.9	0.0
-47.5°	49.8	31.5	18.5	10.0	6.0	2.8	0.0
-50°	47.4	30.0	17.6	9.6	5.6	2.6	0.0
-52.5°	44.8	28.1	16.4	9.1	5.3	2.5	0.0
-55°	41.8	26.1	15.1	8.5	4.9	2.4	0.0
-57.5°	38.2	23.9	13.6	7.9	4.5	2.2	0.0
-60°	34.2	21.3	11.9	7.3	4.1	2.0	0.0
-62.5°	30.3	18.5	10.8	6.6	3.8	1.9	0.0
-65°	25.9	15.5	9.7	5.9	3.5	1.7	0.0
-67.5°	21.3	12.9	8.4	5.1	3.1	1.6	0.0
-70°	16.3	11.0	7.1	4.3	2.8	1.4	0.0
-72.5°	13.3	9.1	5.8	3.7	2.5	1.2	0.0
-75°	10.4	7.0	4.4	3.2	2.1	1.1	0.0
-77.5°	7.5	4.9	3.5	2.7	1.8	0.9	0.0
-80°	4.5	3.5	2.8	2.1	1.4	0.7	0.0
-82.5°	3.2	2.7	2.1	1.6	1.1	0.5	0.0
-85°	2.1	1.8	1.4	1.1	0.7	0.4	0.0
-87.5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)