

Classified
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P645360 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2B-730-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645360 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-21)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/4/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2B-730-U-LAM-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, LAMBERTIAN
Light Source: (32) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

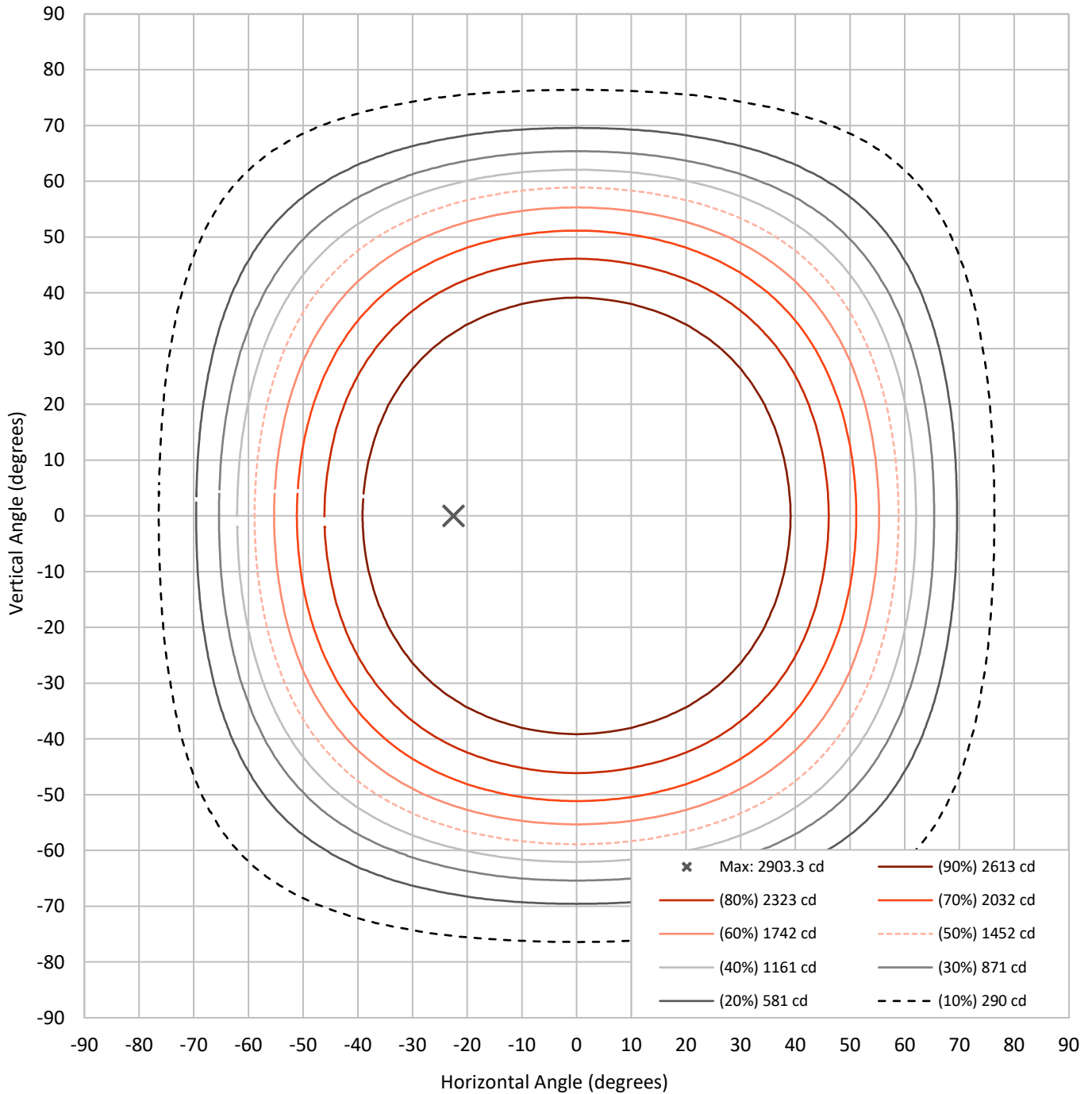
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	8881.4 lumens	Max Intensity:	2903.3 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	139.6 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	117.8°H x 112°V	Field Angle (10%):	152.8°H x 150.5°V
Beam Lumens:	7391.2 lumens	Field Lumens:	8706.7 lumens
Beam Efficiency:	83.2%	Field Efficiency:	98.0%
Input Watts (W):	63.6		
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





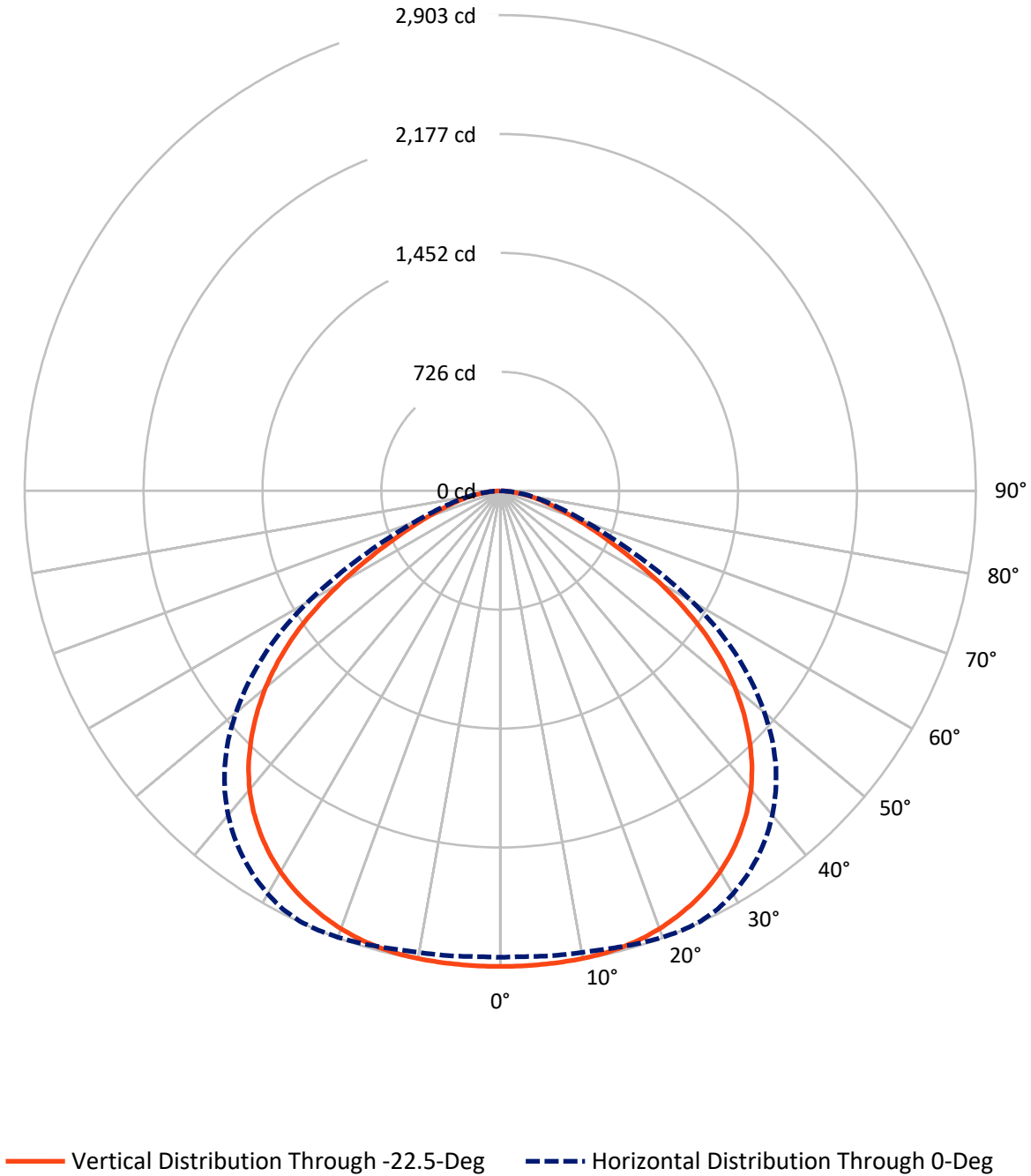
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Lumen Table

90																			
80	0.4	4.6	13.0	21.7	25.3	21.7	13.0	4.6	0.4										
70																			
60	2.2	2.6	5.4	9.4	14.6	20.2	24.9	27.5	27.5	24.9	20.2	14.6	9.4	5.4	2.6				2.2
50																			
40	4.1	4.0	9.2	17.8	29.2	40.2	48.4	52.7	52.7	48.4	40.2	29.2	17.8	9.2	4.0				4.1
30																			
20	5.7	5.7	14.6	29.0	44.5	57.4	66.6	71.3	71.3	66.6	57.4	44.5	29.0	14.6	5.7				5.7
10																			
0	6.3	7.7	20.6	38.5	55.3	68.8	77.8	82.3	82.3	77.8	68.8	55.3	38.5	20.6	7.7				6.3
-10																			
-20	5.7	9.6	25.6	44.9	62.2	75.3	83.6	87.4	87.4	83.6	75.3	62.2	44.9	25.6	9.6				5.7
-30																			
-40	4.1	11.2	29.0	48.9	66.0	78.5	85.1	87.4	87.4	85.1	78.5	66.0	48.9	29.0	11.2				4.1
-50																			
-60	2.2	12.0	30.6	50.7	67.7	79.5	84.8	86.6	86.6	84.8	79.5	67.7	50.7	30.6	12.0				2.2
-70																			
-80	0.4	2.6	5.4	9.4	14.6	20.2	24.9	27.5	27.5	24.9	20.2	14.6	9.4	5.4	2.6				0.4
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
	Horizontal Angle (degrees)																		

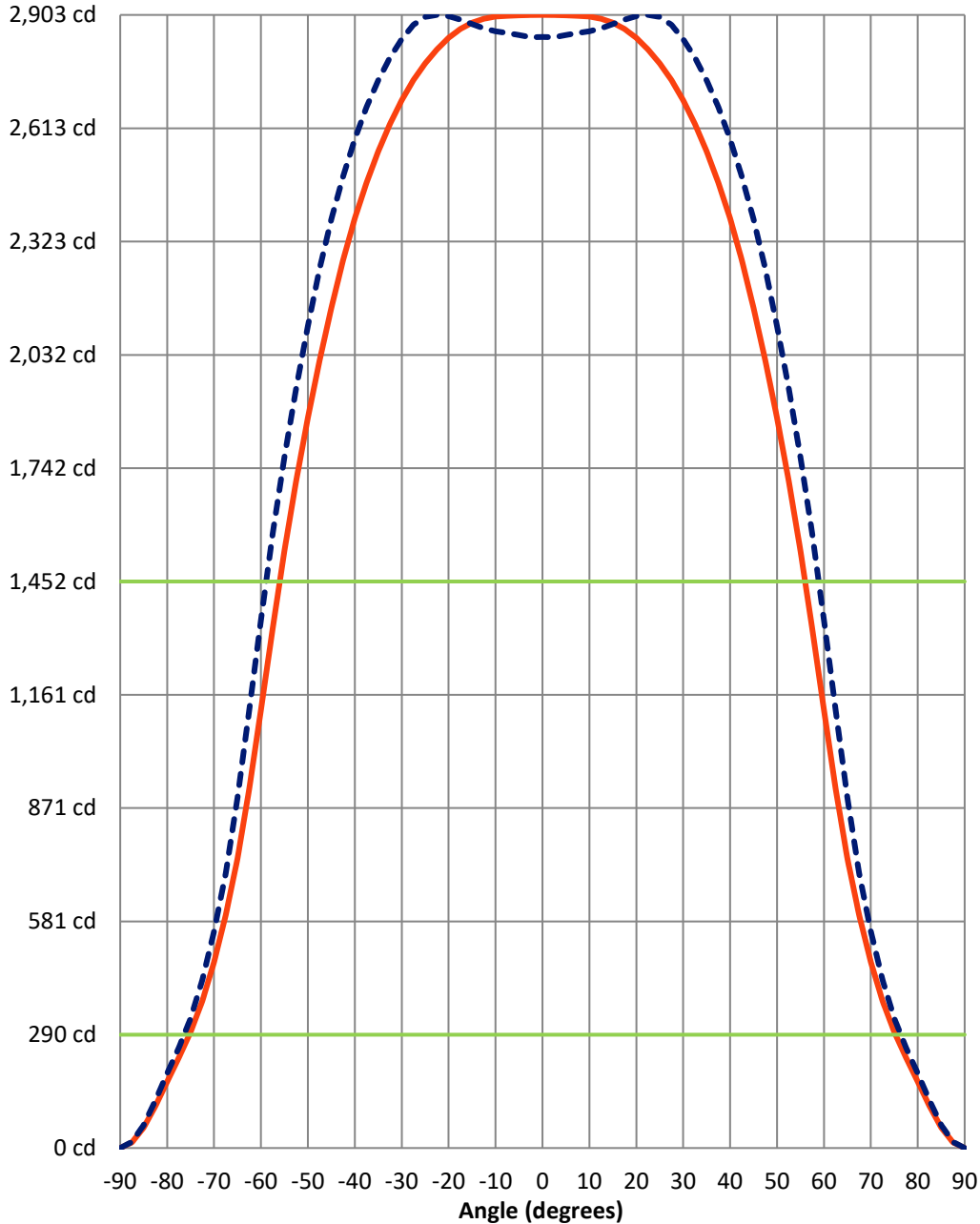
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 7391.2
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 8706.7
 Efficiency: 98.0%

Spill:
 Lumens: 174.7
 Efficiency: 2.0%

— Vertical Distribution through -22.5-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	0.7	1.4	2.1	2.8	3.4	4.1	4.8	5.4	6.1	6.7
85°	0.0	1.4	2.8	4.1	5.5	6.9	8.2	9.6	10.9	12.2	13.4
82.5°	0.0	2.1	4.1	6.2	8.3	10.3	12.3	14.3	16.9	22.2	27.3
80°	0.0	2.8	5.5	8.3	11.0	13.7	17.2	24.4	31.5	38.5	45.4
77.5°	0.0	3.4	6.9	10.3	13.7	19.1	28.2	37.2	46.1	54.8	65.3
75°	0.0	4.1	8.2	12.3	17.2	28.2	39.1	49.8	61.1	76.3	91.3
72.5°	0.0	4.8	9.6	14.3	24.4	37.2	49.8	63.8	81.8	99.6	117.0
70°	0.0	5.4	10.9	16.9	31.5	46.1	61.1	81.8	102.3	122.6	144.4
67.5°	0.0	6.1	12.2	22.2	38.5	54.8	76.3	99.6	122.6	147.5	172.0
65°	0.0	6.7	13.4	27.3	45.4	65.3	91.3	117.0	144.4	172.0	198.8
62.5°	0.0	7.3	14.7	32.4	52.2	77.6	106.0	135.3	165.9	195.9	224.3
60°	0.0	7.9	15.9	37.4	58.8	89.6	120.4	153.8	187.0	218.5	249.3
57.5°	0.0	8.5	19.1	42.2	68.0	101.3	135.7	171.8	206.8	240.5	276.0
55°	0.0	9.1	22.2	46.9	77.1	112.7	150.7	189.3	225.9	262.7	303.2
52.5°	0.0	9.7	25.3	51.5	86.0	124.0	165.3	205.7	244.5	286.4	329.6
50°	0.0	10.2	28.2	55.9	94.5	135.8	179.5	221.5	263.3	309.5	362.3
47.5°	0.0	10.7	31.0	60.6	102.8	147.1	193.1	236.7	283.1	331.8	394.9
45°	0.0	11.2	33.8	66.5	110.8	158.1	205.6	251.4	302.2	359.8	426.3
42.5°	0.0	11.7	36.4	72.2	118.4	168.6	217.7	266.6	320.5	386.9	463.3
40°	0.0	12.2	38.9	77.7	126.0	178.6	229.2	281.8	339.7	412.9	499.9
37.5°	0.0	12.6	41.2	82.8	133.6	188.1	240.1	296.4	361.6	439.4	534.8
35°	0.0	13.0	43.4	87.7	140.8	196.8	250.4	310.1	382.3	469.0	570.4
32.5°	0.0	13.4	45.5	92.3	147.5	204.9	260.6	323.0	401.8	496.9	607.8
30°	0.0	13.8	47.5	96.6	153.8	212.4	270.9	336.0	420.0	523.1	642.9
27.5°	0.0	14.1	49.3	100.6	159.7	219.5	280.5	350.8	438.7	547.4	675.6
25°	0.0	14.4	51.0	104.2	165.0	225.9	289.3	364.4	458.5	572.7	706.1
22.5°	0.0	14.7	52.5	107.6	169.9	231.8	297.3	376.8	476.5	597.3	741.8
20°	0.0	14.9	53.9	110.6	174.4	237.1	304.6	387.9	492.8	619.5	774.0
17.5°	0.0	15.2	55.1	113.2	178.3	241.8	311.0	397.9	507.3	639.2	802.6
15°	0.0	15.4	56.1	115.5	181.7	245.9	316.6	406.5	519.9	656.3	827.6
12.5°	0.0	15.5	57.0	117.5	184.6	249.3	321.4	413.9	530.6	671.0	848.9
10°	0.0	15.7	57.8	119.1	187.0	252.2	325.3	419.9	539.4	683.0	866.4
7.5°	0.0	15.8	58.4	120.4	188.8	254.4	328.4	424.6	546.3	692.4	880.1
5°	0.0	15.8	58.8	121.3	190.1	256.0	330.5	428.0	551.2	699.1	889.8
2.5°	0.0	15.9	59.0	121.8	190.9	257.0	331.9	430.0	554.2	703.2	895.7
0°	0.0	15.9	59.1	122.0	191.2	257.3	332.3	430.7	555.2	704.5	897.7
-2.5°	0.0	15.9	59.0	121.8	190.9	257.0	331.9	430.0	554.2	703.2	895.7
-5°	0.0	15.8	58.8	121.3	190.1	256.0	330.5	428.0	551.2	699.1	889.8
-7.5°	0.0	15.8	58.4	120.4	188.8	254.4	328.4	424.6	546.3	692.4	880.1
-10°	0.0	15.7	57.8	119.1	187.0	252.2	325.3	419.9	539.4	683.0	866.4
-12.5°	0.0	15.5	57.0	117.5	184.6	249.3	321.4	413.9	530.6	671.0	848.9
-15°	0.0	15.4	56.1	115.5	181.7	245.9	316.6	406.5	519.9	656.3	827.6
-17.5°	0.0	15.2	55.1	113.2	178.3	241.8	311.0	397.9	507.3	639.2	802.6
-20°	0.0	14.9	53.9	110.6	174.4	237.1	304.6	387.9	492.8	619.5	774.0

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Scaled Data Report



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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	14.7	52.5	107.6	169.9	231.8	297.3	376.8	476.5	597.3	741.8
-25°	0.0	14.4	51.0	104.2	165.0	225.9	289.3	364.4	458.5	572.7	706.1
-27.5°	0.0	14.1	49.3	100.6	159.7	219.5	280.5	350.8	438.7	547.4	675.6
-30°	0.0	13.8	47.5	96.6	153.8	212.4	270.9	336.0	420.0	523.1	642.9
-32.5°	0.0	13.4	45.5	92.3	147.5	204.9	260.6	323.0	401.8	496.9	607.8
-35°	0.0	13.0	43.4	87.7	140.8	196.8	250.4	310.1	382.3	469.0	570.4
-37.5°	0.0	12.6	41.2	82.8	133.6	188.1	240.1	296.4	361.6	439.4	534.8
-40°	0.0	12.2	38.9	77.7	126.0	178.6	229.2	281.8	339.7	412.9	499.9
-42.5°	0.0	11.7	36.4	72.2	118.4	168.6	217.7	266.6	320.5	386.9	463.3
-45°	0.0	11.2	33.8	66.5	110.8	158.1	205.6	251.4	302.2	359.8	426.3
-47.5°	0.0	10.7	31.0	60.6	102.8	147.1	193.1	236.7	283.1	331.8	394.9
-50°	0.0	10.2	28.2	55.9	94.5	135.8	179.5	221.5	263.3	309.5	362.3
-52.5°	0.0	9.7	25.3	51.5	86.0	124.0	165.3	205.7	244.5	286.4	329.6
-55°	0.0	9.1	22.2	46.9	77.1	112.7	150.7	189.3	225.9	262.7	303.2
-57.5°	0.0	8.5	19.1	42.2	68.0	101.3	135.7	171.8	206.8	240.5	276.0
-60°	0.0	7.9	15.9	37.4	58.8	89.6	120.4	153.8	187.0	218.5	249.3
-62.5°	0.0	7.3	14.7	32.4	52.2	77.6	106.0	135.3	165.9	195.9	224.3
-65°	0.0	6.7	13.4	27.3	45.4	65.3	91.3	117.0	144.4	172.0	198.8
-67.5°	0.0	6.1	12.2	22.2	38.5	54.8	76.3	99.6	122.6	147.5	172.0
-70°	0.0	5.4	10.9	16.9	31.5	46.1	61.1	81.8	102.3	122.6	144.4
-72.5°	0.0	4.8	9.6	14.3	24.4	37.2	49.8	63.8	81.8	99.6	117.0
-75°	0.0	4.1	8.2	12.3	17.2	28.2	39.1	49.8	61.1	76.3	91.3
-77.5°	0.0	3.4	6.9	10.3	13.7	19.1	28.2	37.2	46.1	54.8	65.3
-80°	0.0	2.8	5.5	8.3	11.0	13.7	17.2	24.4	31.5	38.5	45.4
-82.5°	0.0	2.1	4.1	6.2	8.3	10.3	12.3	14.3	16.9	22.2	27.3
-85°	0.0	1.4	2.8	4.1	5.5	6.9	8.2	9.6	10.9	12.2	13.4
-87.5°	0.0	0.7	1.4	2.1	2.8	3.4	4.1	4.8	5.4	6.1	6.7
-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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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°	7.3	7.9	8.5	9.1	9.7	10.2	10.7	11.2	11.7	12.2	12.6
85°	14.7	15.9	19.1	22.2	25.3	28.2	31.0	33.8	36.4	38.9	41.2
82.5°	32.4	37.4	42.2	46.9	51.5	55.9	60.6	66.5	72.2	77.7	82.8
80°	52.2	58.8	68.0	77.1	86.0	94.5	102.8	110.8	118.4	126.0	133.6
77.5°	77.6	89.6	101.3	112.7	124.0	135.8	147.1	158.1	168.6	178.6	188.1
75°	106.0	120.4	135.7	150.7	165.3	179.5	193.1	205.6	217.7	229.2	240.1
72.5°	135.3	153.8	171.8	189.3	205.7	221.5	236.7	251.4	266.6	281.8	296.4
70°	165.9	187.0	206.8	225.9	244.5	263.3	283.1	302.2	320.5	339.7	361.6
67.5°	195.9	218.5	240.5	262.7	286.4	309.5	331.8	359.8	386.9	412.9	439.4
65°	224.3	249.3	276.0	303.2	329.6	362.3	394.9	426.3	463.3	499.9	534.8
62.5°	252.3	282.8	313.2	346.4	384.5	421.5	464.4	508.2	550.4	597.9	644.1
60°	282.8	316.6	355.3	397.9	441.7	492.8	542.4	597.3	652.6	706.1	771.8
57.5°	313.2	355.3	402.3	453.1	510.0	567.4	631.9	694.3	769.2	844.0	918.4
55°	346.4	397.9	453.1	515.7	581.3	652.8	727.6	814.8	899.2	993.2	1083.2
52.5°	384.5	441.7	510.0	581.3	659.8	745.9	842.4	942.2	1047.3	1149.4	1249.5
50°	421.5	492.8	567.4	652.8	745.9	851.7	963.9	1080.1	1194.9	1306.8	1411.7
47.5°	464.4	542.4	631.9	727.6	842.4	963.9	1091.1	1217.8	1341.6	1456.4	1566.4
45°	508.2	597.3	694.3	814.8	942.2	1080.1	1217.8	1353.2	1478.9	1597.6	1701.4
42.5°	550.4	652.6	769.2	899.2	1047.3	1194.9	1341.6	1478.9	1607.8	1722.0	1826.2
40°	597.9	706.1	844.0	993.2	1149.4	1306.8	1456.4	1597.6	1722.0	1835.7	1941.3
37.5°	644.1	771.8	918.4	1083.2	1249.5	1411.7	1566.4	1701.4	1826.2	1941.3	2042.6
35°	688.1	834.2	997.4	1170.4	1345.1	1509.9	1660.5	1797.9	1922.0	2033.7	2137.3
32.5°	736.9	893.2	1072.2	1254.3	1432.1	1600.0	1749.2	1883.6	2007.0	2120.5	2223.3
30°	787.3	956.8	1143.2	1333.2	1513.9	1678.0	1827.0	1963.2	2085.6	2197.6	2298.4
27.5°	834.2	1016.8	1211.0	1404.7	1588.6	1751.2	1898.2	2032.3	2155.4	2268.2	2365.9
25°	877.5	1072.2	1273.7	1470.1	1651.4	1814.5	1962.8	2096.8	2219.2	2327.4	2422.4
22.5°	920.3	1123.0	1331.2	1530.1	1709.1	1871.0	2018.0	2152.4	2274.8	2382.0	2473.2
20°	961.9	1170.4	1381.9	1583.3	1761.5	1922.4	2068.3	2202.4	2321.5	2425.3	2516.1
17.5°	998.9	1212.6	1426.2	1626.2	1804.6	1966.2	2112.7	2247.3	2363.6	2464.4	2553.1
15°	1031.2	1249.5	1465.0	1663.8	1841.7	2002.7	2149.2	2282.2	2397.7	2497.8	2585.8
12.5°	1058.7	1280.9	1498.1	1695.9	1873.4	2033.9	2180.4	2311.6	2425.2	2523.9	2610.1
10°	1081.3	1306.8	1525.4	1722.4	1899.5	2059.6	2206.3	2335.9	2447.9	2545.6	2630.3
7.5°	1099.0	1327.1	1546.7	1743.1	1920.0	2079.8	2226.5	2355.0	2465.8	2562.7	2646.2
5°	1111.7	1341.6	1562.0	1758.0	1934.7	2094.3	2241.1	2368.7	2478.7	2575.1	2657.7
2.5°	1119.4	1350.3	1571.2	1766.9	1943.5	2103.1	2249.9	2377.0	2486.5	2582.5	2664.7
0°	1121.9	1353.2	1574.3	1769.9	1946.5	2106.0	2252.8	2379.8	2489.1	2585.0	2667.0
-2.5°	1119.4	1350.3	1571.2	1766.9	1943.5	2103.1	2249.9	2377.0	2486.5	2582.5	2664.7
-5°	1111.7	1341.6	1562.0	1758.0	1934.7	2094.3	2241.1	2368.7	2478.7	2575.1	2657.7
-7.5°	1099.0	1327.1	1546.7	1743.1	1920.0	2079.8	2226.5	2355.0	2465.8	2562.7	2646.2
-10°	1081.3	1306.8	1525.4	1722.4	1899.5	2059.6	2206.3	2335.9	2447.9	2545.6	2630.3
-12.5°	1058.7	1280.9	1498.1	1695.9	1873.4	2033.9	2180.4	2311.6	2425.2	2523.9	2610.1
-15°	1031.2	1249.5	1465.0	1663.8	1841.7	2002.7	2149.2	2282.2	2397.7	2497.8	2585.8
-17.5°	998.9	1212.6	1426.2	1626.2	1804.6	1966.2	2112.7	2247.3	2363.6	2464.4	2553.1
-20°	961.9	1170.4	1381.9	1583.3	1761.5	1922.4	2068.3	2202.4	2321.5	2425.3	2516.1



REPORT NUMBER: P645360 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-730-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	920.3	1123.0	1331.2	1530.1	1709.1	1871.0	2018.0	2152.4	2274.8	2382.0	2473.2
-25°	877.5	1072.2	1273.7	1470.1	1651.4	1814.5	1962.8	2096.8	2219.2	2327.4	2422.4
-27.5°	834.2	1016.8	1211.0	1404.7	1588.6	1751.2	1898.2	2032.3	2155.4	2268.2	2365.9
-30°	787.3	956.8	1143.2	1333.2	1513.9	1678.0	1827.0	1963.2	2085.6	2197.6	2298.4
-32.5°	736.9	893.2	1072.2	1254.3	1432.1	1600.0	1749.2	1883.6	2007.0	2120.5	2223.3
-35°	688.1	834.2	997.4	1170.4	1345.1	1509.9	1660.5	1797.9	1922.0	2033.7	2137.3
-37.5°	644.1	771.8	918.4	1083.2	1249.5	1411.7	1566.4	1701.4	1826.2	1941.3	2042.6
-40°	597.9	706.1	844.0	993.2	1149.4	1306.8	1456.4	1597.6	1722.0	1835.7	1941.3
-42.5°	550.4	652.6	769.2	899.2	1047.3	1194.9	1341.6	1478.9	1607.8	1722.0	1826.2
-45°	508.2	597.3	694.3	814.8	942.2	1080.1	1217.8	1353.2	1478.9	1597.6	1701.4
-47.5°	464.4	542.4	631.9	727.6	842.4	963.9	1091.1	1217.8	1341.6	1456.4	1566.4
-50°	421.5	492.8	567.4	652.8	745.9	851.7	963.9	1080.1	1194.9	1306.8	1411.7
-52.5°	384.5	441.7	510.0	581.3	659.8	745.9	842.4	942.2	1047.3	1149.4	1249.5
-55°	346.4	397.9	453.1	515.7	581.3	652.8	727.6	814.8	899.2	993.2	1083.2
-57.5°	313.2	355.3	402.3	453.1	510.0	567.4	631.9	694.3	769.2	844.0	918.4
-60°	282.8	316.6	355.3	397.9	441.7	492.8	542.4	597.3	652.6	706.1	771.8
-62.5°	252.3	282.8	313.2	346.4	384.5	421.5	464.4	508.2	550.4	597.9	644.1
-65°	224.3	249.3	276.0	303.2	329.6	362.3	394.9	426.3	463.3	499.9	534.8
-67.5°	195.9	218.5	240.5	262.7	286.4	309.5	331.8	359.8	386.9	412.9	439.4
-70°	165.9	187.0	206.8	225.9	244.5	263.3	283.1	302.2	320.5	339.7	361.6
-72.5°	135.3	153.8	171.8	189.3	205.7	221.5	236.7	251.4	266.6	281.8	296.4
-75°	106.0	120.4	135.7	150.7	165.3	179.5	193.1	205.6	217.7	229.2	240.1
-77.5°	77.6	89.6	101.3	112.7	124.0	135.8	147.1	158.1	168.6	178.6	188.1
-80°	52.2	58.8	68.0	77.1	86.0	94.5	102.8	110.8	118.4	126.0	133.6
-82.5°	32.4	37.4	42.2	46.9	51.5	55.9	60.6	66.5	72.2	77.7	82.8
-85°	14.7	15.9	19.1	22.2	25.3	28.2	31.0	33.8	36.4	38.9	41.2
-87.5°	7.3	7.9	8.5	9.1	9.7	10.2	10.7	11.2	11.7	12.2	12.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645360 (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°
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°	13.0	13.4	13.8	14.1	14.4	14.7	14.9	15.2	15.4	15.5	15.7
85°	43.4	45.5	47.5	49.3	51.0	52.5	53.9	55.1	56.1	57.0	57.8
82.5°	87.7	92.3	96.6	100.6	104.2	107.6	110.6	113.2	115.5	117.5	119.1
80°	140.8	147.5	153.8	159.7	165.0	169.9	174.4	178.3	181.7	184.6	187.0
77.5°	196.8	204.9	212.4	219.5	225.9	231.8	237.1	241.8	245.9	249.3	252.2
75°	250.4	260.6	270.9	280.5	289.3	297.3	304.6	311.0	316.6	321.4	325.3
72.5°	310.1	323.0	336.0	350.8	364.4	376.8	387.9	397.9	406.5	413.9	419.9
70°	382.3	401.8	420.0	438.7	458.5	476.5	492.8	507.3	519.9	530.6	539.4
67.5°	469.0	496.9	523.1	547.4	572.7	597.3	619.5	639.2	656.3	671.0	683.0
65°	570.4	607.8	642.9	675.6	706.1	741.8	774.0	802.6	827.6	848.9	866.4
62.5°	688.1	736.9	787.3	834.2	877.5	920.3	961.9	998.9	1031.2	1058.7	1081.3
60°	834.2	893.2	956.8	1016.8	1072.2	1123.0	1170.4	1212.6	1249.5	1280.9	1306.8
57.5°	997.4	1072.2	1143.2	1211.0	1273.7	1331.2	1381.9	1426.2	1465.0	1498.1	1525.4
55°	1170.4	1254.3	1333.2	1404.7	1470.1	1530.1	1583.3	1626.2	1663.8	1695.9	1722.4
52.5°	1345.1	1432.1	1513.9	1588.6	1651.4	1709.1	1761.5	1804.6	1841.7	1873.4	1899.5
50°	1509.9	1600.0	1678.0	1751.2	1814.5	1871.0	1922.4	1966.2	2002.7	2033.9	2059.6
47.5°	1660.5	1749.2	1827.0	1898.2	1962.8	2018.0	2068.3	2112.7	2149.2	2180.4	2206.3
45°	1797.9	1883.6	1963.2	2032.3	2096.8	2152.4	2202.4	2247.3	2282.2	2311.6	2335.9
42.5°	1922.0	2007.0	2085.6	2155.4	2219.2	2274.8	2321.5	2363.6	2397.7	2425.2	2447.9
40°	2033.7	2120.5	2197.6	2268.2	2327.4	2382.0	2425.3	2464.4	2497.8	2523.9	2545.6
37.5°	2137.3	2223.3	2298.4	2365.9	2422.4	2473.2	2516.1	2553.1	2585.8	2610.1	2630.3
35°	2232.0	2313.7	2388.0	2449.8	2505.8	2553.6	2595.9	2630.1	2660.5	2683.6	2702.0
32.5°	2313.7	2394.7	2463.7	2524.6	2579.3	2623.9	2664.5	2695.8	2723.3	2745.6	2762.7
30°	2388.0	2463.7	2530.9	2591.2	2641.1	2684.6	2721.0	2751.6	2777.0	2798.2	2813.3
27.5°	2449.8	2524.6	2591.2	2646.9	2694.6	2736.4	2769.7	2799.2	2821.4	2840.9	2853.9
25°	2505.8	2579.3	2641.1	2694.6	2740.8	2779.0	2810.8	2837.4	2857.2	2873.9	2883.5
22.5°	2553.6	2623.9	2684.6	2736.4	2779.0	2814.7	2844.6	2867.2	2883.4	2893.5	2899.2
20°	2595.9	2664.5	2721.0	2769.7	2810.8	2844.6	2870.7	2887.3	2898.6	2901.4	2903.0
17.5°	2630.1	2695.8	2751.6	2799.2	2837.4	2867.2	2887.3	2899.1	2902.5	2901.9	2900.2
15°	2660.5	2723.3	2777.0	2821.4	2857.2	2883.4	2898.6	2902.5	2901.5	2898.1	2892.9
12.5°	2683.6	2745.6	2798.2	2840.9	2873.9	2893.5	2901.4	2901.9	2898.1	2891.6	2884.2
10°	2702.0	2762.7	2813.3	2853.9	2883.5	2899.2	2903.0	2900.2	2892.9	2884.2	2875.9
7.5°	2716.6	2776.2	2825.2	2864.2	2889.8	2900.9	2901.8	2896.5	2887.7	2877.8	2868.9
5°	2727.1	2786.0	2833.9	2871.8	2894.4	2902.2	2900.9	2893.6	2883.4	2873.1	2865.0
2.5°	2733.5	2792.0	2839.2	2876.4	2897.3	2903.0	2900.3	2891.8	2880.7	2870.1	2862.3
0°	2735.6	2794.0	2841.0	2877.9	2898.2	2903.3	2900.1	2891.2	2879.8	2869.0	2861.4
-2.5°	2733.5	2792.0	2839.2	2876.4	2897.3	2903.0	2900.3	2891.8	2880.7	2870.1	2862.3
-5°	2727.1	2786.0	2833.9	2871.8	2894.4	2902.2	2900.9	2893.6	2883.4	2873.1	2865.0
-7.5°	2716.6	2776.2	2825.2	2864.2	2889.8	2900.9	2901.8	2896.5	2887.7	2877.8	2868.9
-10°	2702.0	2762.7	2813.3	2853.9	2883.5	2899.2	2903.0	2900.2	2892.9	2884.2	2875.9
-12.5°	2683.6	2745.6	2798.2	2840.9	2873.9	2893.5	2901.4	2901.9	2898.1	2891.6	2884.2
-15°	2660.5	2723.3	2777.0	2821.4	2857.2	2883.4	2898.6	2902.5	2901.5	2898.1	2892.9
-17.5°	2630.1	2695.8	2751.6	2799.2	2837.4	2867.2	2887.3	2899.1	2902.5	2901.9	2900.2
-20°	2595.9	2664.5	2721.0	2769.7	2810.8	2844.6	2870.7	2887.3	2898.6	2901.4	2903.0



REPORT NUMBER: P645360 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-730-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2553.6	2623.9	2684.6	2736.4	2779.0	2814.7	2844.6	2867.2	2883.4	2893.5	2899.2
-25°	2505.8	2579.3	2641.1	2694.6	2740.8	2779.0	2810.8	2837.4	2857.2	2873.9	2883.5
-27.5°	2449.8	2524.6	2591.2	2646.9	2694.6	2736.4	2769.7	2799.2	2821.4	2840.9	2853.9
-30°	2388.0	2463.7	2530.9	2591.2	2641.1	2684.6	2721.0	2751.6	2777.0	2798.2	2813.3
-32.5°	2313.7	2394.7	2463.7	2524.6	2579.3	2623.9	2664.5	2695.8	2723.3	2745.6	2762.7
-35°	2232.0	2313.7	2388.0	2449.8	2505.8	2553.6	2595.9	2630.1	2660.5	2683.6	2702.0
-37.5°	2137.3	2223.3	2298.4	2365.9	2422.4	2473.2	2516.1	2553.1	2585.8	2610.1	2630.3
-40°	2033.7	2120.5	2197.6	2268.2	2327.4	2382.0	2425.3	2464.4	2497.8	2523.9	2545.6
-42.5°	1922.0	2007.0	2085.6	2155.4	2219.2	2274.8	2321.5	2363.6	2397.7	2425.2	2447.9
-45°	1797.9	1883.6	1963.2	2032.3	2096.8	2152.4	2202.4	2247.3	2282.2	2311.6	2335.9
-47.5°	1660.5	1749.2	1827.0	1898.2	1962.8	2018.0	2068.3	2112.7	2149.2	2180.4	2206.3
-50°	1509.9	1600.0	1678.0	1751.2	1814.5	1871.0	1922.4	1966.2	2002.7	2033.9	2059.6
-52.5°	1345.1	1432.1	1513.9	1588.6	1651.4	1709.1	1761.5	1804.6	1841.7	1873.4	1899.5
-55°	1170.4	1254.3	1333.2	1404.7	1470.1	1530.1	1583.3	1626.2	1663.8	1695.9	1722.4
-57.5°	997.4	1072.2	1143.2	1211.0	1273.7	1331.2	1381.9	1426.2	1465.0	1498.1	1525.4
-60°	834.2	893.2	956.8	1016.8	1072.2	1123.0	1170.4	1212.6	1249.5	1280.9	1306.8
-62.5°	688.1	736.9	787.3	834.2	877.5	920.3	961.9	998.9	1031.2	1058.7	1081.3
-65°	570.4	607.8	642.9	675.6	706.1	741.8	774.0	802.6	827.6	848.9	866.4
-67.5°	469.0	496.9	523.1	547.4	572.7	597.3	619.5	639.2	656.3	671.0	683.0
-70°	382.3	401.8	420.0	438.7	458.5	476.5	492.8	507.3	519.9	530.6	539.4
-72.5°	310.1	323.0	336.0	350.8	364.4	376.8	387.9	397.9	406.5	413.9	419.9
-75°	250.4	260.6	270.9	280.5	289.3	297.3	304.6	311.0	316.6	321.4	325.3
-77.5°	196.8	204.9	212.4	219.5	225.9	231.8	237.1	241.8	245.9	249.3	252.2
-80°	140.8	147.5	153.8	159.7	165.0	169.9	174.4	178.3	181.7	184.6	187.0
-82.5°	87.7	92.3	96.6	100.6	104.2	107.6	110.6	113.2	115.5	117.5	119.1
-85°	43.4	45.5	47.5	49.3	51.0	52.5	53.9	55.1	56.1	57.0	57.8
-87.5°	13.0	13.4	13.8	14.1	14.4	14.7	14.9	15.2	15.4	15.5	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: P645360 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-730-U-LAM-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°	15.8	15.8	15.9	15.9	15.9	15.8	15.8	15.7	15.5	15.4	15.2
85°	58.4	58.8	59.0	59.1	59.0	58.8	58.4	57.8	57.0	56.1	55.1
82.5°	120.4	121.3	121.8	122.0	121.8	121.3	120.4	119.1	117.5	115.5	113.2
80°	188.8	190.1	190.9	191.2	190.9	190.1	188.8	187.0	184.6	181.7	178.3
77.5°	254.4	256.0	257.0	257.3	257.0	256.0	254.4	252.2	249.3	245.9	241.8
75°	328.4	330.5	331.9	332.3	331.9	330.5	328.4	325.3	321.4	316.6	311.0
72.5°	424.6	428.0	430.0	430.7	430.0	428.0	424.6	419.9	413.9	406.5	397.9
70°	546.3	551.2	554.2	555.2	554.2	551.2	546.3	539.4	530.6	519.9	507.3
67.5°	692.4	699.1	703.2	704.5	703.2	699.1	692.4	683.0	671.0	656.3	639.2
65°	880.1	889.8	895.7	897.7	895.7	889.8	880.1	866.4	848.9	827.6	802.6
62.5°	1099.0	1111.7	1119.4	1121.9	1119.4	1111.7	1099.0	1081.3	1058.7	1031.2	998.9
60°	1327.1	1341.6	1350.3	1353.2	1350.3	1341.6	1327.1	1306.8	1280.9	1249.5	1212.6
57.5°	1546.7	1562.0	1571.2	1574.3	1571.2	1562.0	1546.7	1525.4	1498.1	1465.0	1426.2
55°	1743.1	1758.0	1766.9	1769.9	1766.9	1758.0	1743.1	1722.4	1695.9	1663.8	1626.2
52.5°	1920.0	1934.7	1943.5	1946.5	1943.5	1934.7	1920.0	1899.5	1873.4	1841.7	1804.6
50°	2079.8	2094.3	2103.1	2106.0	2103.1	2094.3	2079.8	2059.6	2033.9	2002.7	1966.2
47.5°	2226.5	2241.1	2249.9	2252.8	2249.9	2241.1	2226.5	2206.3	2180.4	2149.2	2112.7
45°	2355.0	2368.7	2377.0	2379.8	2377.0	2368.7	2355.0	2335.9	2311.6	2282.2	2247.3
42.5°	2465.8	2478.7	2486.5	2489.1	2486.5	2478.7	2465.8	2447.9	2425.2	2397.7	2363.6
40°	2562.7	2575.1	2582.5	2585.0	2582.5	2575.1	2562.7	2545.6	2523.9	2497.8	2464.4
37.5°	2646.2	2657.7	2664.7	2667.0	2664.7	2657.7	2646.2	2630.3	2610.1	2585.8	2553.1
35°	2716.6	2727.1	2733.5	2735.6	2733.5	2727.1	2716.6	2702.0	2683.6	2660.5	2630.1
32.5°	2776.2	2786.0	2792.0	2794.0	2792.0	2786.0	2776.2	2762.7	2745.6	2723.3	2695.8
30°	2825.2	2833.9	2839.2	2841.0	2839.2	2833.9	2825.2	2813.3	2798.2	2777.0	2751.6
27.5°	2864.2	2871.8	2876.4	2877.9	2876.4	2871.8	2864.2	2853.9	2840.9	2821.4	2799.2
25°	2889.8	2894.4	2897.3	2898.2	2897.3	2894.4	2889.8	2883.5	2873.9	2857.2	2837.4
22.5°	2900.9	2902.2	2903.0	2903.3	2903.0	2902.2	2900.9	2899.2	2893.5	2883.4	2867.2
20°	2901.8	2900.9	2900.3	2900.1	2900.3	2900.9	2901.8	2903.0	2901.4	2898.6	2887.3
17.5°	2896.5	2893.6	2891.8	2891.2	2891.8	2893.6	2896.5	2900.2	2901.9	2902.5	2899.1
15°	2887.7	2883.4	2880.7	2879.8	2880.7	2883.4	2887.7	2892.9	2898.1	2901.5	2902.5
12.5°	2877.8	2873.1	2870.1	2869.0	2870.1	2873.1	2877.8	2884.2	2891.6	2898.1	2901.9
10°	2868.9	2865.0	2862.3	2861.4	2862.3	2865.0	2868.9	2875.9	2884.2	2892.9	2900.2
7.5°	2863.2	2859.6	2857.6	2856.9	2857.6	2859.6	2863.2	2868.9	2877.8	2887.7	2896.5
5°	2859.6	2856.0	2853.0	2851.8	2853.0	2856.0	2859.6	2865.0	2873.1	2883.4	2893.6
2.5°	2857.6	2853.0	2848.5	2846.1	2848.5	2853.0	2857.6	2862.3	2870.1	2880.7	2891.8
0°	2856.9	2851.8	2846.1	2846.8	2846.1	2851.8	2856.9	2861.4	2869.0	2879.8	2891.2
-2.5°	2857.6	2853.0	2848.5	2846.1	2848.5	2853.0	2857.6	2862.3	2870.1	2880.7	2891.8
-5°	2859.6	2856.0	2853.0	2851.8	2853.0	2856.0	2859.6	2865.0	2873.1	2883.4	2893.6
-7.5°	2863.2	2859.6	2857.6	2856.9	2857.6	2859.6	2863.2	2868.9	2877.8	2887.7	2896.5
-10°	2868.9	2865.0	2862.3	2861.4	2862.3	2865.0	2868.9	2875.9	2884.2	2892.9	2900.2
-12.5°	2877.8	2873.1	2870.1	2869.0	2870.1	2873.1	2877.8	2884.2	2891.6	2898.1	2901.9
-15°	2887.7	2883.4	2880.7	2879.8	2880.7	2883.4	2887.7	2892.9	2898.1	2901.5	2902.5
-17.5°	2896.5	2893.6	2891.8	2891.2	2891.8	2893.6	2896.5	2900.2	2901.9	2902.5	2899.1
-20°	2901.8	2900.9	2900.3	2900.1	2900.3	2900.9	2901.8	2903.0	2901.4	2898.6	2887.3

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REPORT NUMBER: P645360 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2B-730-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2900.9	2902.2	2903.0	2903.3	2903.0	2902.2	2900.9	2899.2	2893.5	2883.4	2867.2
-25°	2889.8	2894.4	2897.3	2898.2	2897.3	2894.4	2889.8	2883.5	2873.9	2857.2	2837.4
-27.5°	2864.2	2871.8	2876.4	2877.9	2876.4	2871.8	2864.2	2853.9	2840.9	2821.4	2799.2
-30°	2825.2	2833.9	2839.2	2841.0	2839.2	2833.9	2825.2	2813.3	2798.2	2777.0	2751.6
-32.5°	2776.2	2786.0	2792.0	2794.0	2792.0	2786.0	2776.2	2762.7	2745.6	2723.3	2695.8
-35°	2716.6	2727.1	2733.5	2735.6	2733.5	2727.1	2716.6	2702.0	2683.6	2660.5	2630.1
-37.5°	2646.2	2657.7	2664.7	2667.0	2664.7	2657.7	2646.2	2630.3	2610.1	2585.8	2553.1
-40°	2562.7	2575.1	2582.5	2585.0	2582.5	2575.1	2562.7	2545.6	2523.9	2497.8	2464.4
-42.5°	2465.8	2478.7	2486.5	2489.1	2486.5	2478.7	2465.8	2447.9	2425.2	2397.7	2363.6
-45°	2355.0	2368.7	2377.0	2379.8	2377.0	2368.7	2355.0	2335.9	2311.6	2282.2	2247.3
-47.5°	2226.5	2241.1	2249.9	2252.8	2249.9	2241.1	2226.5	2206.3	2180.4	2149.2	2112.7
-50°	2079.8	2094.3	2103.1	2106.0	2103.1	2094.3	2079.8	2059.6	2033.9	2002.7	1966.2
-52.5°	1920.0	1934.7	1943.5	1946.5	1943.5	1934.7	1920.0	1899.5	1873.4	1841.7	1804.6
-55°	1743.1	1758.0	1766.9	1769.9	1766.9	1758.0	1743.1	1722.4	1695.9	1663.8	1626.2
-57.5°	1546.7	1562.0	1571.2	1574.3	1571.2	1562.0	1546.7	1525.4	1498.1	1465.0	1426.2
-60°	1327.1	1341.6	1350.3	1353.2	1350.3	1341.6	1327.1	1306.8	1280.9	1249.5	1212.6
-62.5°	1099.0	1111.7	1119.4	1121.9	1119.4	1111.7	1099.0	1081.3	1058.7	1031.2	998.9
-65°	880.1	889.8	895.7	897.7	895.7	889.8	880.1	866.4	848.9	827.6	802.6
-67.5°	692.4	699.1	703.2	704.5	703.2	699.1	692.4	683.0	671.0	656.3	639.2
-70°	546.3	551.2	554.2	555.2	554.2	551.2	546.3	539.4	530.6	519.9	507.3
-72.5°	424.6	428.0	430.0	430.7	430.0	428.0	424.6	419.9	413.9	406.5	397.9
-75°	328.4	330.5	331.9	332.3	331.9	330.5	328.4	325.3	321.4	316.6	311.0
-77.5°	254.4	256.0	257.0	257.3	257.0	256.0	254.4	252.2	249.3	245.9	241.8
-80°	188.8	190.1	190.9	191.2	190.9	190.1	188.8	187.0	184.6	181.7	178.3
-82.5°	120.4	121.3	121.8	122.0	121.8	121.3	120.4	119.1	117.5	115.5	113.2
-85°	58.4	58.8	59.0	59.1	59.0	58.8	58.4	57.8	57.0	56.1	55.1
-87.5°	15.8	15.8	15.9	15.9	15.9	15.8	15.8	15.7	15.5	15.4	15.2
-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: P645360 (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°	14.9	14.7	14.4	14.1	13.8	13.4	13.0	12.6	12.2	11.7	11.2
85°	53.9	52.5	51.0	49.3	47.5	45.5	43.4	41.2	38.9	36.4	33.8
82.5°	110.6	107.6	104.2	100.6	96.6	92.3	87.7	82.8	77.7	72.2	66.5
80°	174.4	169.9	165.0	159.7	153.8	147.5	140.8	133.6	126.0	118.4	110.8
77.5°	237.1	231.8	225.9	219.5	212.4	204.9	196.8	188.1	178.6	168.6	158.1
75°	304.6	297.3	289.3	280.5	270.9	260.6	250.4	240.1	229.2	217.7	205.6
72.5°	387.9	376.8	364.4	350.8	336.0	323.0	310.1	296.4	281.8	266.6	251.4
70°	492.8	476.5	458.5	438.7	420.0	401.8	382.3	361.6	339.7	320.5	302.2
67.5°	619.5	597.3	572.7	547.4	523.1	496.9	469.0	439.4	412.9	386.9	359.8
65°	774.0	741.8	706.1	675.6	642.9	607.8	570.4	534.8	499.9	463.3	426.3
62.5°	961.9	920.3	877.5	834.2	787.3	736.9	688.1	644.1	597.9	550.4	508.2
60°	1170.4	1123.0	1072.2	1016.8	956.8	893.2	834.2	771.8	706.1	652.6	597.3
57.5°	1381.9	1331.2	1273.7	1211.0	1143.2	1072.2	997.4	918.4	844.0	769.2	694.3
55°	1583.3	1530.1	1470.1	1404.7	1333.2	1254.3	1170.4	1083.2	993.2	899.2	814.8
52.5°	1761.5	1709.1	1651.4	1588.6	1513.9	1432.1	1345.1	1249.5	1149.4	1047.3	942.2
50°	1922.4	1871.0	1814.5	1751.2	1678.0	1600.0	1509.9	1411.7	1306.8	1194.9	1080.1
47.5°	2068.3	2018.0	1962.8	1898.2	1827.0	1749.2	1660.5	1566.4	1456.4	1341.6	1217.8
45°	2202.4	2152.4	2096.8	2032.3	1963.2	1883.6	1797.9	1701.4	1597.6	1478.9	1353.2
42.5°	2321.5	2274.8	2219.2	2155.4	2085.6	2007.0	1922.0	1826.2	1722.0	1607.8	1478.9
40°	2425.3	2382.0	2327.4	2268.2	2197.6	2120.5	2033.7	1941.3	1835.7	1722.0	1597.6
37.5°	2516.1	2473.2	2422.4	2365.9	2298.4	2223.3	2137.3	2042.6	1941.3	1826.2	1701.4
35°	2595.9	2553.6	2505.8	2449.8	2388.0	2313.7	2232.0	2137.3	2033.7	1922.0	1797.9
32.5°	2664.5	2623.9	2579.3	2524.6	2463.7	2394.7	2313.7	2223.3	2120.5	2007.0	1883.6
30°	2721.0	2684.6	2641.1	2591.2	2530.9	2463.7	2388.0	2298.4	2197.6	2085.6	1963.2
27.5°	2769.7	2736.4	2694.6	2646.9	2591.2	2524.6	2449.8	2365.9	2268.2	2155.4	2032.3
25°	2810.8	2779.0	2740.8	2694.6	2641.1	2579.3	2505.8	2422.4	2327.4	2219.2	2096.8
22.5°	2844.6	2814.7	2779.0	2736.4	2684.6	2623.9	2553.6	2473.2	2382.0	2274.8	2152.4
20°	2870.7	2844.6	2810.8	2769.7	2721.0	2664.5	2595.9	2516.1	2425.3	2321.5	2202.4
17.5°	2887.3	2867.2	2837.4	2799.2	2751.6	2695.8	2630.1	2553.1	2464.4	2363.6	2247.3
15°	2898.6	2883.4	2857.2	2821.4	2777.0	2723.3	2660.5	2585.8	2497.8	2397.7	2282.2
12.5°	2901.4	2893.5	2873.9	2840.9	2798.2	2745.6	2683.6	2610.1	2523.9	2425.2	2311.6
10°	2903.0	2899.2	2883.5	2853.9	2813.3	2762.7	2702.0	2630.3	2545.6	2447.9	2335.9
7.5°	2901.8	2900.9	2889.8	2864.2	2825.2	2776.2	2716.6	2646.2	2562.7	2465.8	2355.0
5°	2900.9	2902.2	2894.4	2871.8	2833.9	2786.0	2727.1	2657.7	2575.1	2478.7	2368.7
2.5°	2900.3	2903.0	2897.3	2876.4	2839.2	2792.0	2733.5	2664.7	2582.5	2486.5	2377.0
0°	2900.1	2903.3	2898.2	2877.9	2841.0	2794.0	2735.6	2667.0	2585.0	2489.1	2379.8
-2.5°	2900.3	2903.0	2897.3	2876.4	2839.2	2792.0	2733.5	2664.7	2582.5	2486.5	2377.0
-5°	2900.9	2902.2	2894.4	2871.8	2833.9	2786.0	2727.1	2657.7	2575.1	2478.7	2368.7
-7.5°	2901.8	2900.9	2889.8	2864.2	2825.2	2776.2	2716.6	2646.2	2562.7	2465.8	2355.0
-10°	2903.0	2899.2	2883.5	2853.9	2813.3	2762.7	2702.0	2630.3	2545.6	2447.9	2335.9
-12.5°	2901.4	2893.5	2873.9	2840.9	2798.2	2745.6	2683.6	2610.1	2523.9	2425.2	2311.6
-15°	2898.6	2883.4	2857.2	2821.4	2777.0	2723.3	2660.5	2585.8	2497.8	2397.7	2282.2
-17.5°	2887.3	2867.2	2837.4	2799.2	2751.6	2695.8	2630.1	2553.1	2464.4	2363.6	2247.3
-20°	2870.7	2844.6	2810.8	2769.7	2721.0	2664.5	2595.9	2516.1	2425.3	2321.5	2202.4

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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°	2844.6	2814.7	2779.0	2736.4	2684.6	2623.9	2553.6	2473.2	2382.0	2274.8	2152.4
-25°	2810.8	2779.0	2740.8	2694.6	2641.1	2579.3	2505.8	2422.4	2327.4	2219.2	2096.8
-27.5°	2769.7	2736.4	2694.6	2646.9	2591.2	2524.6	2449.8	2365.9	2268.2	2155.4	2032.3
-30°	2721.0	2684.6	2641.1	2591.2	2530.9	2463.7	2388.0	2298.4	2197.6	2085.6	1963.2
-32.5°	2664.5	2623.9	2579.3	2524.6	2463.7	2394.7	2313.7	2223.3	2120.5	2007.0	1883.6
-35°	2595.9	2553.6	2505.8	2449.8	2388.0	2313.7	2232.0	2137.3	2033.7	1922.0	1797.9
-37.5°	2516.1	2473.2	2422.4	2365.9	2298.4	2223.3	2137.3	2042.6	1941.3	1826.2	1701.4
-40°	2425.3	2382.0	2327.4	2268.2	2197.6	2120.5	2033.7	1941.3	1835.7	1722.0	1597.6
-42.5°	2321.5	2274.8	2219.2	2155.4	2085.6	2007.0	1922.0	1826.2	1722.0	1607.8	1478.9
-45°	2202.4	2152.4	2096.8	2032.3	1963.2	1883.6	1797.9	1701.4	1597.6	1478.9	1353.2
-47.5°	2068.3	2018.0	1962.8	1898.2	1827.0	1749.2	1660.5	1566.4	1456.4	1341.6	1217.8
-50°	1922.4	1871.0	1814.5	1751.2	1678.0	1600.0	1509.9	1411.7	1306.8	1194.9	1080.1
-52.5°	1761.5	1709.1	1651.4	1588.6	1513.9	1432.1	1345.1	1249.5	1149.4	1047.3	942.2
-55°	1583.3	1530.1	1470.1	1404.7	1333.2	1254.3	1170.4	1083.2	993.2	899.2	814.8
-57.5°	1381.9	1331.2	1273.7	1211.0	1143.2	1072.2	997.4	918.4	844.0	769.2	694.3
-60°	1170.4	1123.0	1072.2	1016.8	956.8	893.2	834.2	771.8	706.1	652.6	597.3
-62.5°	961.9	920.3	877.5	834.2	787.3	736.9	688.1	644.1	597.9	550.4	508.2
-65°	774.0	741.8	706.1	675.6	642.9	607.8	570.4	534.8	499.9	463.3	426.3
-67.5°	619.5	597.3	572.7	547.4	523.1	496.9	469.0	439.4	412.9	386.9	359.8
-70°	492.8	476.5	458.5	438.7	420.0	401.8	382.3	361.6	339.7	320.5	302.2
-72.5°	387.9	376.8	364.4	350.8	336.0	323.0	310.1	296.4	281.8	266.6	251.4
-75°	304.6	297.3	289.3	280.5	270.9	260.6	250.4	240.1	229.2	217.7	205.6
-77.5°	237.1	231.8	225.9	219.5	212.4	204.9	196.8	188.1	178.6	168.6	158.1
-80°	174.4	169.9	165.0	159.7	153.8	147.5	140.8	133.6	126.0	118.4	110.8
-82.5°	110.6	107.6	104.2	100.6	96.6	92.3	87.7	82.8	77.7	72.2	66.5
-85°	53.9	52.5	51.0	49.3	47.5	45.5	43.4	41.2	38.9	36.4	33.8
-87.5°	14.9	14.7	14.4	14.1	13.8	13.4	13.0	12.6	12.2	11.7	11.2
-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: P645360 (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°	10.7	10.2	9.7	9.1	8.5	7.9	7.3	6.7	6.1	5.4	4.8
85°	31.0	28.2	25.3	22.2	19.1	15.9	14.7	13.4	12.2	10.9	9.6
82.5°	60.6	55.9	51.5	46.9	42.2	37.4	32.4	27.3	22.2	16.9	14.3
80°	102.8	94.5	86.0	77.1	68.0	58.8	52.2	45.4	38.5	31.5	24.4
77.5°	147.1	135.8	124.0	112.7	101.3	89.6	77.6	65.3	54.8	46.1	37.2
75°	193.1	179.5	165.3	150.7	135.7	120.4	106.0	91.3	76.3	61.1	49.8
72.5°	236.7	221.5	205.7	189.3	171.8	153.8	135.3	117.0	99.6	81.8	63.8
70°	283.1	263.3	244.5	225.9	206.8	187.0	165.9	144.4	122.6	102.3	81.8
67.5°	331.8	309.5	286.4	262.7	240.5	218.5	195.9	172.0	147.5	122.6	99.6
65°	394.9	362.3	329.6	303.2	276.0	249.3	224.3	198.8	172.0	144.4	117.0
62.5°	464.4	421.5	384.5	346.4	313.2	282.8	252.3	224.3	195.9	165.9	135.3
60°	542.4	492.8	441.7	397.9	355.3	316.6	282.8	249.3	218.5	187.0	153.8
57.5°	631.9	567.4	510.0	453.1	402.3	355.3	313.2	276.0	240.5	206.8	171.8
55°	727.6	652.8	581.3	515.7	453.1	397.9	346.4	303.2	262.7	225.9	189.3
52.5°	842.4	745.9	659.8	581.3	510.0	441.7	384.5	329.6	286.4	244.5	205.7
50°	963.9	851.7	745.9	652.8	567.4	492.8	421.5	362.3	309.5	263.3	221.5
47.5°	1091.1	963.9	842.4	727.6	631.9	542.4	464.4	394.9	331.8	283.1	236.7
45°	1217.8	1080.1	942.2	814.8	694.3	597.3	508.2	426.3	359.8	302.2	251.4
42.5°	1341.6	1194.9	1047.3	899.2	769.2	652.6	550.4	463.3	386.9	320.5	266.6
40°	1456.4	1306.8	1149.4	993.2	844.0	706.1	597.9	499.9	412.9	339.7	281.8
37.5°	1566.4	1411.7	1249.5	1083.2	918.4	771.8	644.1	534.8	439.4	361.6	296.4
35°	1660.5	1509.9	1345.1	1170.4	997.4	834.2	688.1	570.4	469.0	382.3	310.1
32.5°	1749.2	1600.0	1432.1	1254.3	1072.2	893.2	736.9	607.8	496.9	401.8	323.0
30°	1827.0	1678.0	1513.9	1333.2	1143.2	956.8	787.3	642.9	523.1	420.0	336.0
27.5°	1898.2	1751.2	1588.6	1404.7	1211.0	1016.8	834.2	675.6	547.4	438.7	350.8
25°	1962.8	1814.5	1651.4	1470.1	1273.7	1072.2	877.5	706.1	572.7	458.5	364.4
22.5°	2018.0	1871.0	1709.1	1530.1	1331.2	1123.0	920.3	741.8	597.3	476.5	376.8
20°	2068.3	1922.4	1761.5	1583.3	1381.9	1170.4	961.9	774.0	619.5	492.8	387.9
17.5°	2112.7	1966.2	1804.6	1626.2	1426.2	1212.6	998.9	802.6	639.2	507.3	397.9
15°	2149.2	2002.7	1841.7	1663.8	1465.0	1249.5	1031.2	827.6	656.3	519.9	406.5
12.5°	2180.4	2033.9	1873.4	1695.9	1498.1	1280.9	1058.7	848.9	671.0	530.6	413.9
10°	2206.3	2059.6	1899.5	1722.4	1525.4	1306.8	1081.3	866.4	683.0	539.4	419.9
7.5°	2226.5	2079.8	1920.0	1743.1	1546.7	1327.1	1099.0	880.1	692.4	546.3	424.6
5°	2241.1	2094.3	1934.7	1758.0	1562.0	1341.6	1111.7	889.8	699.1	551.2	428.0
2.5°	2249.9	2103.1	1943.5	1766.9	1571.2	1350.3	1119.4	895.7	703.2	554.2	430.0
0°	2252.8	2106.0	1946.5	1769.9	1574.3	1353.2	1121.9	897.7	704.5	555.2	430.7
-2.5°	2249.9	2103.1	1943.5	1766.9	1571.2	1350.3	1119.4	895.7	703.2	554.2	430.0
-5°	2241.1	2094.3	1934.7	1758.0	1562.0	1341.6	1111.7	889.8	699.1	551.2	428.0
-7.5°	2226.5	2079.8	1920.0	1743.1	1546.7	1327.1	1099.0	880.1	692.4	546.3	424.6
-10°	2206.3	2059.6	1899.5	1722.4	1525.4	1306.8	1081.3	866.4	683.0	539.4	419.9
-12.5°	2180.4	2033.9	1873.4	1695.9	1498.1	1280.9	1058.7	848.9	671.0	530.6	413.9
-15°	2149.2	2002.7	1841.7	1663.8	1465.0	1249.5	1031.2	827.6	656.3	519.9	406.5
-17.5°	2112.7	1966.2	1804.6	1626.2	1426.2	1212.6	998.9	802.6	639.2	507.3	397.9
-20°	2068.3	1922.4	1761.5	1583.3	1381.9	1170.4	961.9	774.0	619.5	492.8	387.9



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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°	2018.0	1871.0	1709.1	1530.1	1331.2	1123.0	920.3	741.8	597.3	476.5	376.8
-25°	1962.8	1814.5	1651.4	1470.1	1273.7	1072.2	877.5	706.1	572.7	458.5	364.4
-27.5°	1898.2	1751.2	1588.6	1404.7	1211.0	1016.8	834.2	675.6	547.4	438.7	350.8
-30°	1827.0	1678.0	1513.9	1333.2	1143.2	956.8	787.3	642.9	523.1	420.0	336.0
-32.5°	1749.2	1600.0	1432.1	1254.3	1072.2	893.2	736.9	607.8	496.9	401.8	323.0
-35°	1660.5	1509.9	1345.1	1170.4	997.4	834.2	688.1	570.4	469.0	382.3	310.1
-37.5°	1566.4	1411.7	1249.5	1083.2	918.4	771.8	644.1	534.8	439.4	361.6	296.4
-40°	1456.4	1306.8	1149.4	993.2	844.0	706.1	597.9	499.9	412.9	339.7	281.8
-42.5°	1341.6	1194.9	1047.3	899.2	769.2	652.6	550.4	463.3	386.9	320.5	266.6
-45°	1217.8	1080.1	942.2	814.8	694.3	597.3	508.2	426.3	359.8	302.2	251.4
-47.5°	1091.1	963.9	842.4	727.6	631.9	542.4	464.4	394.9	331.8	283.1	236.7
-50°	963.9	851.7	745.9	652.8	567.4	492.8	421.5	362.3	309.5	263.3	221.5
-52.5°	842.4	745.9	659.8	581.3	510.0	441.7	384.5	329.6	286.4	244.5	205.7
-55°	727.6	652.8	581.3	515.7	453.1	397.9	346.4	303.2	262.7	225.9	189.3
-57.5°	631.9	567.4	510.0	453.1	402.3	355.3	313.2	276.0	240.5	206.8	171.8
-60°	542.4	492.8	441.7	397.9	355.3	316.6	282.8	249.3	218.5	187.0	153.8
-62.5°	464.4	421.5	384.5	346.4	313.2	282.8	252.3	224.3	195.9	165.9	135.3
-65°	394.9	362.3	329.6	303.2	276.0	249.3	224.3	198.8	172.0	144.4	117.0
-67.5°	331.8	309.5	286.4	262.7	240.5	218.5	195.9	172.0	147.5	122.6	99.6
-70°	283.1	263.3	244.5	225.9	206.8	187.0	165.9	144.4	122.6	102.3	81.8
-72.5°	236.7	221.5	205.7	189.3	171.8	153.8	135.3	117.0	99.6	81.8	63.8
-75°	193.1	179.5	165.3	150.7	135.7	120.4	106.0	91.3	76.3	61.1	49.8
-77.5°	147.1	135.8	124.0	112.7	101.3	89.6	77.6	65.3	54.8	46.1	37.2
-80°	102.8	94.5	86.0	77.1	68.0	58.8	52.2	45.4	38.5	31.5	24.4
-82.5°	60.6	55.9	51.5	46.9	42.2	37.4	32.4	27.3	22.2	16.9	14.3
-85°	31.0	28.2	25.3	22.2	19.1	15.9	14.7	13.4	12.2	10.9	9.6
-87.5°	10.7	10.2	9.7	9.1	8.5	7.9	7.3	6.7	6.1	5.4	4.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	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°	4.1	3.4	2.8	2.1	1.4	0.7	0.0
85°	8.2	6.9	5.5	4.1	2.8	1.4	0.0
82.5°	12.3	10.3	8.3	6.2	4.1	2.1	0.0
80°	17.2	13.7	11.0	8.3	5.5	2.8	0.0
77.5°	28.2	19.1	13.7	10.3	6.9	3.4	0.0
75°	39.1	28.2	17.2	12.3	8.2	4.1	0.0
72.5°	49.8	37.2	24.4	14.3	9.6	4.8	0.0
70°	61.1	46.1	31.5	16.9	10.9	5.4	0.0
67.5°	76.3	54.8	38.5	22.2	12.2	6.1	0.0
65°	91.3	65.3	45.4	27.3	13.4	6.7	0.0
62.5°	106.0	77.6	52.2	32.4	14.7	7.3	0.0
60°	120.4	89.6	58.8	37.4	15.9	7.9	0.0
57.5°	135.7	101.3	68.0	42.2	19.1	8.5	0.0
55°	150.7	112.7	77.1	46.9	22.2	9.1	0.0
52.5°	165.3	124.0	86.0	51.5	25.3	9.7	0.0
50°	179.5	135.8	94.5	55.9	28.2	10.2	0.0
47.5°	193.1	147.1	102.8	60.6	31.0	10.7	0.0
45°	205.6	158.1	110.8	66.5	33.8	11.2	0.0
42.5°	217.7	168.6	118.4	72.2	36.4	11.7	0.0
40°	229.2	178.6	126.0	77.7	38.9	12.2	0.0
37.5°	240.1	188.1	133.6	82.8	41.2	12.6	0.0
35°	250.4	196.8	140.8	87.7	43.4	13.0	0.0
32.5°	260.6	204.9	147.5	92.3	45.5	13.4	0.0
30°	270.9	212.4	153.8	96.6	47.5	13.8	0.0
27.5°	280.5	219.5	159.7	100.6	49.3	14.1	0.0
25°	289.3	225.9	165.0	104.2	51.0	14.4	0.0
22.5°	297.3	231.8	169.9	107.6	52.5	14.7	0.0
20°	304.6	237.1	174.4	110.6	53.9	14.9	0.0
17.5°	311.0	241.8	178.3	113.2	55.1	15.2	0.0
15°	316.6	245.9	181.7	115.5	56.1	15.4	0.0
12.5°	321.4	249.3	184.6	117.5	57.0	15.5	0.0
10°	325.3	252.2	187.0	119.1	57.8	15.7	0.0
7.5°	328.4	254.4	188.8	120.4	58.4	15.8	0.0
5°	330.5	256.0	190.1	121.3	58.8	15.8	0.0
2.5°	331.9	257.0	190.9	121.8	59.0	15.9	0.0
0°	332.3	257.3	191.2	122.0	59.1	15.9	0.0
-2.5°	331.9	257.0	190.9	121.8	59.0	15.9	0.0
-5°	330.5	256.0	190.1	121.3	58.8	15.8	0.0
-7.5°	328.4	254.4	188.8	120.4	58.4	15.8	0.0
-10°	325.3	252.2	187.0	119.1	57.8	15.7	0.0
-12.5°	321.4	249.3	184.6	117.5	57.0	15.5	0.0
-15°	316.6	245.9	181.7	115.5	56.1	15.4	0.0
-17.5°	311.0	241.8	178.3	113.2	55.1	15.2	0.0
-20°	304.6	237.1	174.4	110.6	53.9	14.9	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	297.3	231.8	169.9	107.6	52.5	14.7	0.0
-25°	289.3	225.9	165.0	104.2	51.0	14.4	0.0
-27.5°	280.5	219.5	159.7	100.6	49.3	14.1	0.0
-30°	270.9	212.4	153.8	96.6	47.5	13.8	0.0
-32.5°	260.6	204.9	147.5	92.3	45.5	13.4	0.0
-35°	250.4	196.8	140.8	87.7	43.4	13.0	0.0
-37.5°	240.1	188.1	133.6	82.8	41.2	12.6	0.0
-40°	229.2	178.6	126.0	77.7	38.9	12.2	0.0
-42.5°	217.7	168.6	118.4	72.2	36.4	11.7	0.0
-45°	205.6	158.1	110.8	66.5	33.8	11.2	0.0
-47.5°	193.1	147.1	102.8	60.6	31.0	10.7	0.0
-50°	179.5	135.8	94.5	55.9	28.2	10.2	0.0
-52.5°	165.3	124.0	86.0	51.5	25.3	9.7	0.0
-55°	150.7	112.7	77.1	46.9	22.2	9.1	0.0
-57.5°	135.7	101.3	68.0	42.2	19.1	8.5	0.0
-60°	120.4	89.6	58.8	37.4	15.9	7.9	0.0
-62.5°	106.0	77.6	52.2	32.4	14.7	7.3	0.0
-65°	91.3	65.3	45.4	27.3	13.4	6.7	0.0
-67.5°	76.3	54.8	38.5	22.2	12.2	6.1	0.0
-70°	61.1	46.1	31.5	16.9	10.9	5.4	0.0
-72.5°	49.8	37.2	24.4	14.3	9.6	4.8	0.0
-75°	39.1	28.2	17.2	12.3	8.2	4.1	0.0
-77.5°	28.2	19.1	13.7	10.3	6.9	3.4	0.0
-80°	17.2	13.7	11.0	8.3	5.5	2.8	0.0
-82.5°	12.3	10.3	8.3	6.2	4.1	2.1	0.0
-85°	8.2	6.9	5.5	4.1	2.8	1.4	0.0
-87.5°	4.1	3.4	2.8	2.1	1.4	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)