

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



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: P626801 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-735-U-VWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626801 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-17)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1E-735-U-VWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N26
Light Source: (16) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

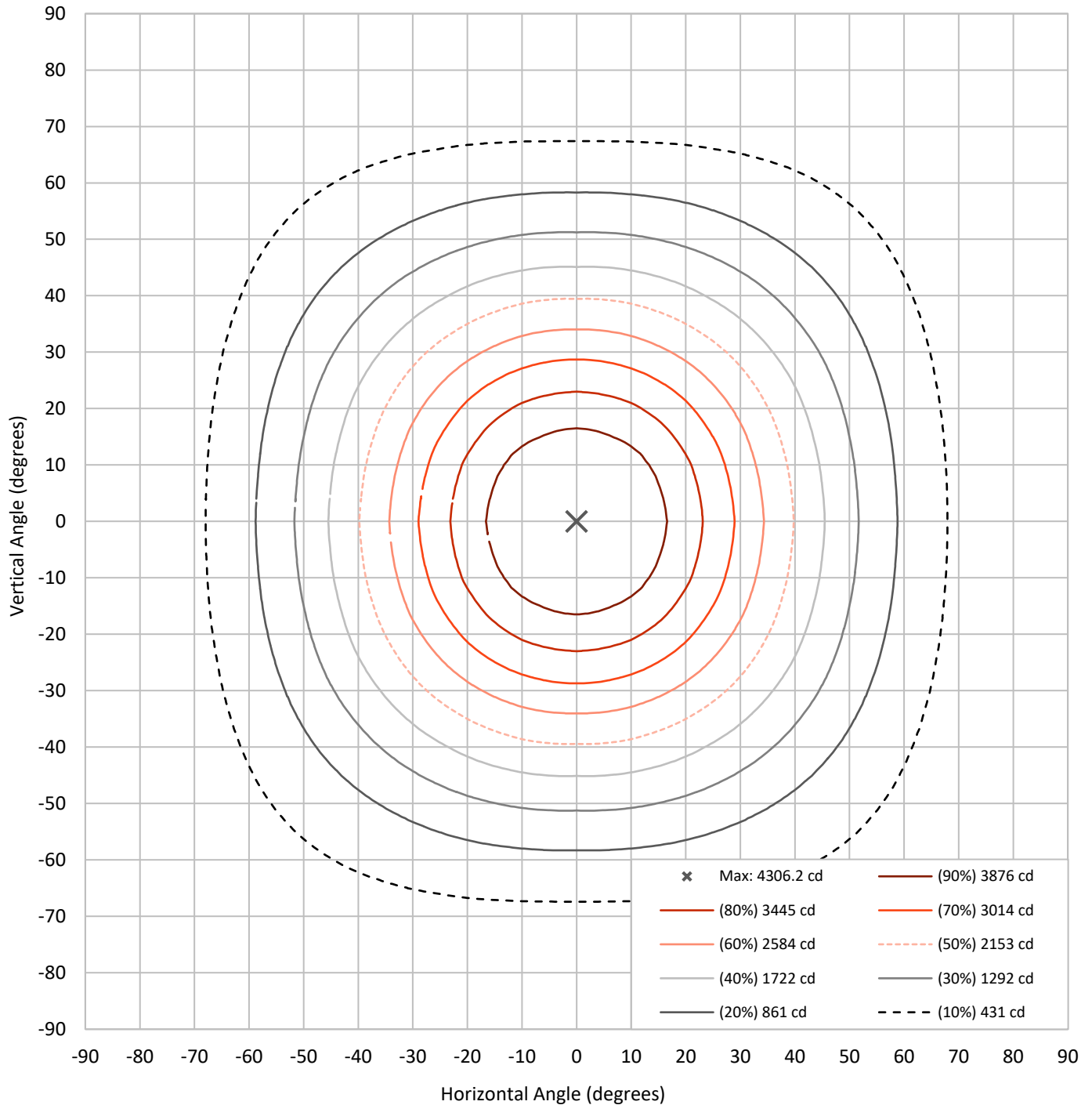
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	7783.2 lumens	Max Intensity:	4306.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	117.6 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	79.6°H x 78.9°V	Field Angle (10%):	135.9°H x 134.8°V
Beam Lumens:	4564.9 lumens	Field Lumens:	7419.9 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	66.2		
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		



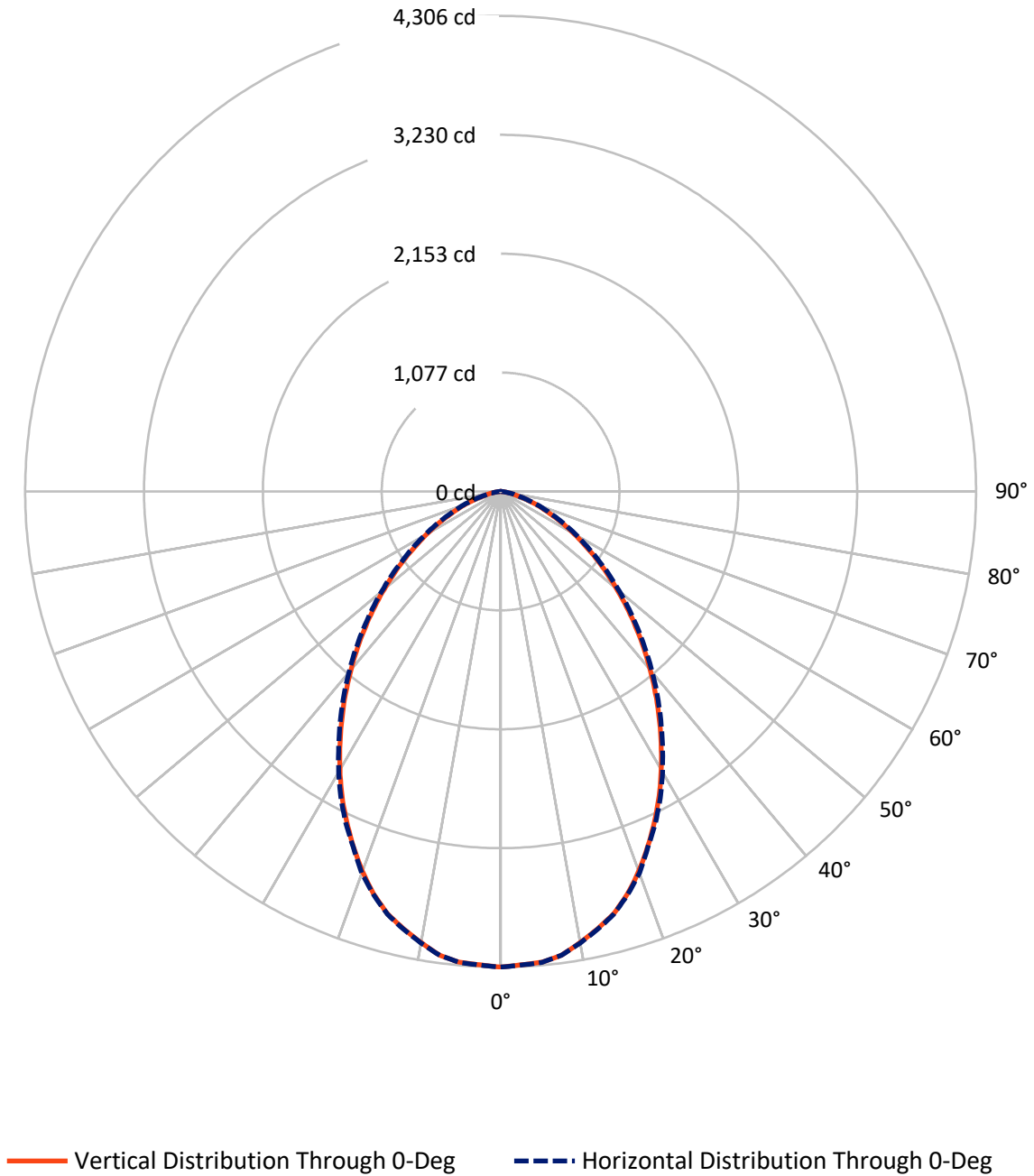
REPORT NUMBER: P626801 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1E-735-U-VWR-XX

Iso-Candela Plot



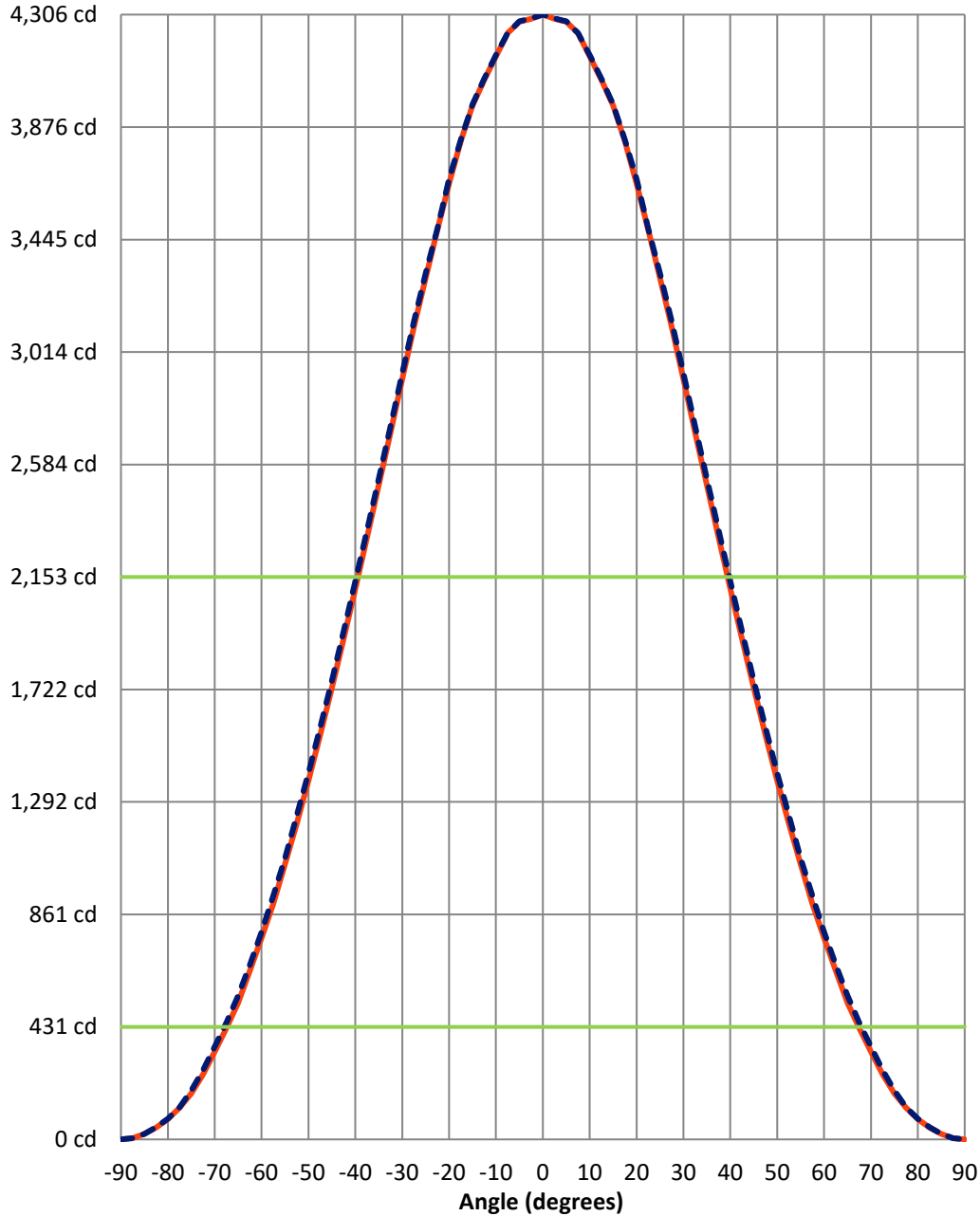
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 79.6°
V Angle: 78.9°
Lumens: 4564.9
Efficiency: 58.7%

Field:
H Angle: 135.9°
V Angle: 134.8°
Lumens: 7419.9
Efficiency: 95.3%

Spill:
Lumens: 363.3
Efficiency: 4.7%

— 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	0.2	0.6	0.8	1.1	1.4	1.7	2.0	2.2	2.5	2.7
85°	0.0	0.5	1.1	1.7	2.3	2.8	3.4	3.9	4.4	5.0	5.5
82.5°	0.0	0.7	1.7	2.5	3.4	4.2	5.0	5.8	7.3	11.5	15.5
80°	0.0	1.0	2.2	3.4	4.5	5.6	7.6	13.4	19.1	24.5	29.7
77.5°	0.0	1.2	2.8	4.2	5.6	8.8	16.4	23.8	30.8	37.5	45.7
75°	0.0	1.5	3.3	5.0	7.3	15.1	25.1	34.1	42.8	54.8	67.4
72.5°	0.0	1.7	3.9	5.8	11.6	21.3	33.5	45.2	58.9	73.4	88.8
70°	0.0	1.9	4.4	7.0	15.7	27.3	41.8	58.5	74.6	91.7	111.7
67.5°	0.0	2.1	4.9	9.6	19.7	33.0	51.9	71.5	89.9	111.5	134.5
65°	0.0	2.4	5.4	12.0	23.6	39.4	61.5	84.2	106.5	130.8	155.8
62.5°	0.0	2.6	5.8	14.4	27.2	46.4	70.6	97.3	122.6	149.3	174.9
60°	0.0	2.8	6.3	16.6	30.6	53.0	79.2	110.4	138.0	166.5	193.8
57.5°	0.0	3.0	7.5	18.7	35.1	59.2	88.3	122.6	153.2	183.5	211.6
55°	0.0	3.2	8.7	20.7	39.4	65.0	96.9	133.2	168.2	199.9	228.8
52.5°	0.0	3.3	9.9	22.5	43.4	70.5	104.8	144.2	182.9	214.9	245.4
50°	0.0	3.5	11.0	24.1	47.1	76.3	112.1	154.6	196.7	229.6	264.6
47.5°	0.0	3.7	12.1	25.8	50.5	81.7	118.9	164.3	209.3	243.7	283.3
45°	0.0	3.8	13.1	28.1	53.5	86.5	126.5	173.2	219.1	259.7	301.2
42.5°	0.0	4.0	14.1	30.1	56.2	90.7	133.5	181.4	228.5	275.0	322.3
40°	0.0	4.1	15.0	32.2	58.9	94.5	139.8	189.2	238.2	289.4	342.9
37.5°	0.0	4.2	15.9	34.2	61.6	97.7	145.4	196.5	249.1	303.0	362.2
35°	0.0	4.3	16.7	36.1	63.9	101.4	150.4	203.5	259.8	318.7	381.6
32.5°	0.0	4.4	17.4	37.9	65.8	105.1	155.0	210.0	270.1	333.8	402.2
30°	0.0	4.5	18.1	39.5	67.3	108.2	159.8	216.5	280.1	348.2	421.5
27.5°	0.0	4.6	18.7	41.0	69.7	110.8	164.1	224.0	290.4	361.9	439.4
25°	0.0	4.7	19.2	42.3	71.8	112.9	167.9	231.0	301.1	375.8	455.9
22.5°	0.0	4.7	19.7	43.4	73.7	115.0	171.2	237.5	310.9	389.0	473.5
20°	0.0	4.8	20.1	44.4	75.4	117.9	173.8	243.3	319.8	400.7	489.3
17.5°	0.0	4.8	20.4	45.3	76.8	120.2	177.2	248.3	327.8	411.1	503.2
15°	0.0	4.8	20.7	46.0	77.9	122.0	180.7	253.2	334.7	420.0	515.2
12.5°	0.0	4.9	20.9	46.5	78.7	123.3	183.5	257.8	341.0	427.3	525.2
10°	0.0	4.9	21.1	46.9	79.3	124.2	185.7	261.3	346.4	434.2	533.7
7.5°	0.0	4.9	21.1	47.1	79.7	124.5	187.1	263.7	350.6	439.8	541.0
5°	0.0	4.9	21.2	47.1	79.7	124.3	187.9	265.1	353.5	443.8	546.2
2.5°	0.0	4.8	21.1	47.0	79.5	123.7	187.9	265.4	355.0	446.3	549.3
0°	0.0	4.8	21.0	46.8	79.1	122.7	187.2	264.7	355.1	447.1	550.4
-2.5°	0.0	4.8	21.1	47.0	79.5	123.7	187.9	265.4	355.0	446.3	549.3
-5°	0.0	4.9	21.2	47.1	79.7	124.3	187.9	265.1	353.5	443.8	546.2
-7.5°	0.0	4.9	21.1	47.1	79.7	124.5	187.1	263.7	350.6	439.8	541.0
-10°	0.0	4.9	21.1	46.9	79.3	124.2	185.7	261.3	346.4	434.2	533.7
-12.5°	0.0	4.9	20.9	46.5	78.7	123.3	183.5	257.8	341.0	427.3	525.2
-15°	0.0	4.8	20.7	46.0	77.9	122.0	180.7	253.2	334.7	420.0	515.2
-17.5°	0.0	4.8	20.4	45.3	76.8	120.2	177.2	248.3	327.8	411.1	503.2
-20°	0.0	4.8	20.1	44.4	75.4	117.9	173.8	243.3	319.8	400.7	489.3

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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	4.7	19.7	43.4	73.7	115.0	171.2	237.5	310.9	389.0	473.5
-25°	0.0	4.7	19.2	42.3	71.8	112.9	167.9	231.0	301.1	375.8	455.9
-27.5°	0.0	4.6	18.7	41.0	69.7	110.8	164.1	224.0	290.4	361.9	439.4
-30°	0.0	4.5	18.1	39.5	67.3	108.2	159.8	216.5	280.1	348.2	421.5
-32.5°	0.0	4.4	17.4	37.9	65.8	105.1	155.0	210.0	270.1	333.8	402.2
-35°	0.0	4.3	16.7	36.1	63.9	101.4	150.4	203.5	259.8	318.7	381.6
-37.5°	0.0	4.2	15.9	34.2	61.6	97.7	145.4	196.5	249.1	303.0	362.2
-40°	0.0	4.1	15.0	32.2	58.9	94.5	139.8	189.2	238.2	289.4	342.9
-42.5°	0.0	4.0	14.1	30.1	56.2	90.7	133.5	181.4	228.5	275.0	322.3
-45°	0.0	3.8	13.1	28.1	53.5	86.5	126.5	173.2	219.1	259.7	301.2
-47.5°	0.0	3.7	12.1	25.8	50.5	81.7	118.9	164.3	209.3	243.7	283.3
-50°	0.0	3.5	11.0	24.1	47.1	76.3	112.1	154.6	196.7	229.6	264.6
-52.5°	0.0	3.3	9.9	22.5	43.4	70.5	104.8	144.2	182.9	214.9	245.4
-55°	0.0	3.2	8.7	20.7	39.4	65.0	96.9	133.2	168.2	199.9	228.8
-57.5°	0.0	3.0	7.5	18.7	35.1	59.2	88.3	122.6	153.2	183.5	211.6
-60°	0.0	2.8	6.3	16.6	30.6	53.0	79.2	110.4	138.0	166.5	193.8
-62.5°	0.0	2.6	5.8	14.4	27.2	46.4	70.6	97.3	122.6	149.3	174.9
-65°	0.0	2.4	5.4	12.0	23.6	39.4	61.5	84.2	106.5	130.8	155.8
-67.5°	0.0	2.1	4.9	9.6	19.7	33.0	51.9	71.5	89.9	111.5	134.5
-70°	0.0	1.9	4.4	7.0	15.7	27.3	41.8	58.5	74.6	91.7	111.7
-72.5°	0.0	1.7	3.9	5.8	11.6	21.3	33.5	45.2	58.9	73.4	88.8
-75°	0.0	1.5	3.3	5.0	7.3	15.1	25.1	34.1	42.8	54.8	67.4
-77.5°	0.0	1.2	2.8	4.2	5.6	8.8	16.4	23.8	30.8	37.5	45.7
-80°	0.0	1.0	2.2	3.4	4.5	5.6	7.6	13.4	19.1	24.5	29.7
-82.5°	0.0	0.7	1.7	2.5	3.4	4.2	5.0	5.8	7.3	11.5	15.5
-85°	0.0	0.5	1.1	1.7	2.3	2.8	3.4	3.9	4.4	5.0	5.5
-87.5°	0.0	0.2	0.6	0.8	1.1	1.4	1.7	2.0	2.2	2.5	2.7
-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: P626801 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-735-U-VWR-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°	3.2	3.6	4.1	4.6	4.7	4.7	4.7	4.6	4.8	5.0	5.2
85°	6.4	7.3	10.1	12.8	14.1	14.9	15.3	15.2	17.7	20.5	23.6
82.5°	19.7	23.7	27.6	31.3	32.2	32.2	31.9	31.9	37.7	44.4	51.2
80°	35.0	40.1	46.9	53.0	55.6	56.9	57.5	57.4	64.8	74.6	84.9
77.5°	55.5	64.1	71.6	78.0	81.5	84.5	87.0	88.9	98.4	110.8	123.0
75°	78.8	88.3	97.7	106.0	111.7	116.0	120.0	126.3	138.7	153.1	165.7
72.5°	103.5	115.6	126.1	135.0	143.1	151.7	161.2	171.7	184.7	199.2	212.3
70°	129.8	143.1	154.1	164.9	175.8	188.6	203.0	217.2	231.7	247.6	263.0
67.5°	155.6	168.4	181.4	194.9	211.3	228.5	245.5	265.0	285.0	302.6	318.5
65°	178.0	193.0	209.2	227.6	247.9	269.7	292.4	315.8	341.1	362.3	381.6
62.5°	199.4	217.4	237.1	260.0	285.9	311.8	340.7	370.0	398.4	423.4	446.5
60°	219.0	241.0	265.9	293.9	324.2	358.5	391.4	424.7	456.0	484.2	513.4
57.5°	238.2	265.8	295.7	329.4	367.6	406.2	444.9	480.7	516.0	550.5	583.5
55°	258.5	291.7	327.3	368.6	411.7	457.3	499.0	539.0	577.9	619.8	659.6
52.5°	280.8	317.9	362.4	408.7	458.5	507.4	553.2	598.7	645.8	693.2	745.0
50°	302.3	348.6	397.4	451.2	505.0	557.4	609.9	662.3	718.8	776.9	835.6
47.5°	327.4	378.0	435.6	493.3	552.0	610.4	668.9	732.3	796.5	863.8	928.7
45°	352.9	409.7	471.8	537.1	600.6	665.2	733.6	803.7	878.9	953.0	1031.0
42.5°	377.0	441.3	509.7	580.1	650.8	723.0	798.3	880.2	962.3	1047.7	1133.5
40°	403.7	471.2	546.6	624.3	701.0	781.0	867.1	955.7	1048.6	1142.6	1235.8
37.5°	429.4	503.6	582.9	666.5	752.6	840.5	933.9	1034.5	1135.3	1236.4	1339.2
35°	453.5	534.3	620.2	709.0	800.2	900.3	1004.7	1112.1	1221.3	1330.6	1441.2
32.5°	478.3	563.3	655.9	750.9	851.4	958.7	1073.1	1189.4	1305.7	1422.5	1543.5
30°	503.1	593.7	690.4	790.4	900.5	1017.3	1140.2	1263.5	1386.5	1515.1	1644.0
27.5°	526.5	622.5	724.3	831.4	947.5	1071.6	1202.1	1334.2	1466.9	1603.5	1741.1
25°	548.1	649.8	755.8	870.8	993.8	1123.9	1259.8	1397.7	1543.2	1689.4	1833.0
22.5°	569.2	674.8	784.9	907.0	1035.8	1172.4	1314.0	1459.5	1611.6	1768.5	1917.2
20°	589.4	698.7	813.3	939.9	1073.4	1216.0	1363.2	1515.6	1675.1	1836.3	1996.2
17.5°	607.4	719.9	839.7	970.7	1109.3	1256.0	1407.6	1564.9	1731.5	1898.6	2068.0
15°	623.0	738.4	862.6	997.5	1141.0	1292.3	1448.7	1610.6	1781.5	1955.4	2131.6
12.5°	636.3	754.0	881.9	1020.3	1167.9	1323.4	1484.1	1651.6	1827.1	2006.0	2187.2
10°	647.0	766.8	897.5	1039.0	1189.9	1349.2	1513.2	1685.5	1866.2	2049.0	2234.0
7.5°	656.2	777.4	909.9	1053.3	1206.9	1369.3	1535.8	1711.9	1897.3	2082.5	2271.6
5°	662.9	786.0	921.2	1065.4	1221.6	1385.1	1553.0	1730.7	1920.1	2106.4	2298.9
2.5°	666.9	791.6	928.9	1073.2	1233.2	1396.9	1568.3	1747.3	1936.8	2125.4	2319.4
0°	668.2	794.1	932.9	1076.6	1239.6	1402.6	1576.9	1756.1	1944.9	2137.0	2332.3
-2.5°	666.9	791.6	928.9	1073.2	1233.2	1396.9	1568.3	1747.3	1936.8	2125.4	2319.4
-5°	662.9	786.0	921.2	1065.4	1221.6	1385.1	1553.0	1730.7	1920.1	2106.4	2298.9
-7.5°	656.2	777.4	909.9	1053.3	1206.9	1369.3	1535.8	1711.9	1897.3	2082.5	2271.6
-10°	647.0	766.8	897.5	1039.0	1189.9	1349.2	1513.2	1685.5	1866.2	2049.0	2234.0
-12.5°	636.3	754.0	881.9	1020.3	1167.9	1323.4	1484.1	1651.6	1827.1	2006.0	2187.2
-15°	623.0	738.4	862.6	997.5	1141.0	1292.3	1448.7	1610.6	1781.5	1955.4	2131.6
-17.5°	607.4	719.9	839.7	970.7	1109.3	1256.0	1407.6	1564.9	1731.5	1898.6	2068.0
-20°	589.4	698.7	813.3	939.9	1073.4	1216.0	1363.2	1515.6	1675.1	1836.3	1996.2

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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	569.2	674.8	784.9	907.0	1035.8	1172.4	1314.0	1459.5	1611.6	1768.5	1917.2
-25°	548.1	649.8	755.8	870.8	993.8	1123.9	1259.8	1397.7	1543.2	1689.4	1833.0
-27.5°	526.5	622.5	724.3	831.4	947.5	1071.6	1202.1	1334.2	1466.9	1603.5	1741.1
-30°	503.1	593.7	690.4	790.4	900.5	1017.3	1140.2	1263.5	1386.5	1515.1	1644.0
-32.5°	478.3	563.3	655.9	750.9	851.4	958.7	1073.1	1189.4	1305.7	1422.5	1543.5
-35°	453.5	534.3	620.2	709.0	800.2	900.3	1004.7	1112.1	1221.3	1330.6	1441.2
-37.5°	429.4	503.6	582.9	666.5	752.6	840.5	933.9	1034.5	1135.3	1236.4	1339.2
-40°	403.7	471.2	546.6	624.3	701.0	781.0	867.1	955.7	1048.6	1142.6	1235.8
-42.5°	377.0	441.3	509.7	580.1	650.8	723.0	798.3	880.2	962.3	1047.7	1133.5
-45°	352.9	409.7	471.8	537.1	600.6	665.2	733.6	803.7	878.9	953.0	1031.0
-47.5°	327.4	378.0	435.6	493.3	552.0	610.4	668.9	732.3	796.5	863.8	928.7
-50°	302.3	348.6	397.4	451.2	505.0	557.4	609.9	662.3	718.8	776.9	835.6
-52.5°	280.8	317.9	362.4	408.7	458.5	507.4	553.2	598.7	645.8	693.2	745.0
-55°	258.5	291.7	327.3	368.6	411.7	457.3	499.0	539.0	577.9	619.8	659.6
-57.5°	238.2	265.8	295.7	329.4	367.6	406.2	444.9	480.7	516.0	550.5	583.5
-60°	219.0	241.0	265.9	293.9	324.2	358.5	391.4	424.7	456.0	484.2	513.4
-62.5°	199.4	217.4	237.1	260.0	285.9	311.8	340.7	370.0	398.4	423.4	446.5
-65°	178.0	193.0	209.2	227.6	247.9	269.7	292.4	315.8	341.1	362.3	381.6
-67.5°	155.6	168.4	181.4	194.9	211.3	228.5	245.5	265.0	285.0	302.6	318.5
-70°	129.8	143.1	154.1	164.9	175.8	188.6	203.0	217.2	231.7	247.6	263.0
-72.5°	103.5	115.6	126.1	135.0	143.1	151.7	161.2	171.7	184.7	199.2	212.3
-75°	78.8	88.3	97.7	106.0	111.7	116.0	120.0	126.3	138.7	153.1	165.7
-77.5°	55.5	64.1	71.6	78.0	81.5	84.5	87.0	88.9	98.4	110.8	123.0
-80°	35.0	40.1	46.9	53.0	55.6	56.9	57.5	57.4	64.8	74.6	84.9
-82.5°	19.7	23.7	27.6	31.3	32.2	32.2	31.9	31.9	37.7	44.4	51.2
-85°	6.4	7.3	10.1	12.8	14.1	14.9	15.3	15.2	17.7	20.5	23.6
-87.5°	3.2	3.6	4.1	4.6	4.7	4.7	4.7	4.6	4.8	5.0	5.2
-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: P626801 (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°	5.3	5.5	5.6	5.8	5.9	6.0	6.1	6.2	6.3	5.9	5.6
85°	27.0	28.9	30.7	32.4	34.0	35.6	37.0	38.3	39.6	36.1	32.3
82.5°	58.2	62.9	67.3	71.8	76.2	77.3	77.6	77.4	76.8	70.8	64.1
80°	95.0	103.0	110.4	117.8	125.1	125.9	125.1	123.6	121.5	113.6	104.6
77.5°	135.3	145.2	153.9	161.9	169.2	170.6	170.3	170.0	169.3	161.3	151.5
75°	176.4	186.2	195.6	203.6	210.3	213.3	214.8	215.9	216.5	210.7	203.1
72.5°	224.2	234.3	242.6	250.4	257.0	261.7	265.1	267.7	269.5	267.7	264.6
70°	276.0	286.9	296.1	304.8	313.7	320.9	326.2	330.1	332.6	334.2	335.4
67.5°	334.4	349.0	361.7	372.6	383.3	393.4	401.7	408.5	413.7	418.2	421.6
65°	400.1	418.8	435.3	450.5	464.4	479.1	491.1	501.2	509.3	516.0	521.4
62.5°	469.2	492.1	513.3	533.9	554.2	574.0	589.3	603.2	615.5	626.2	634.6
60°	541.1	567.0	595.6	622.8	647.8	670.7	693.4	713.1	729.9	743.9	755.1
57.5°	618.3	652.0	685.3	719.1	751.0	780.9	808.8	833.5	854.4	871.5	885.8
55°	701.7	743.8	782.5	825.1	866.3	903.8	936.8	965.8	990.9	1011.9	1029.7
52.5°	793.4	844.6	894.8	943.2	990.0	1033.5	1073.1	1106.8	1136.9	1162.7	1183.2
50°	893.8	952.3	1010.5	1064.4	1118.1	1168.2	1213.5	1252.8	1287.7	1318.0	1341.9
47.5°	998.7	1065.3	1130.3	1192.0	1251.5	1307.2	1356.3	1401.0	1444.6	1480.1	1508.3
45°	1107.7	1182.4	1254.1	1324.7	1390.2	1452.6	1513.1	1568.8	1613.5	1652.7	1685.6
42.5°	1218.0	1301.3	1381.6	1458.6	1530.6	1602.8	1670.9	1731.8	1782.8	1827.3	1864.7
40°	1329.7	1421.0	1509.4	1593.4	1675.7	1754.4	1828.1	1892.2	1949.8	2002.7	2046.8
37.5°	1440.9	1541.3	1639.3	1733.4	1824.0	1909.2	1988.8	2061.3	2126.3	2186.5	2235.5
35°	1552.6	1662.7	1770.0	1873.5	1972.5	2066.6	2153.7	2236.2	2312.7	2373.8	2423.9
32.5°	1663.8	1782.2	1899.0	2012.9	2121.3	2222.8	2317.1	2408.3	2487.0	2554.1	2611.7
30°	1771.5	1899.7	2026.8	2150.4	2267.5	2377.4	2481.9	2578.3	2663.0	2736.3	2800.9
27.5°	1877.1	2014.9	2151.3	2283.3	2409.9	2529.3	2643.3	2747.9	2840.3	2920.1	2988.1
25°	1976.9	2125.0	2270.4	2410.4	2545.6	2677.3	2800.5	2914.6	3013.3	3100.8	3170.7
22.5°	2072.3	2230.2	2383.0	2530.3	2674.8	2816.9	2951.7	3070.8	3175.4	3267.0	3344.4
20°	2161.1	2330.4	2486.7	2642.4	2794.7	2946.4	3091.1	3216.8	3327.5	3424.9	3510.3
17.5°	2244.2	2417.8	2582.4	2748.2	2908.7	3067.8	3214.9	3349.5	3469.0	3572.5	3661.9
15°	2314.5	2489.9	2669.5	2846.6	3015.9	3177.0	3323.9	3464.6	3597.2	3709.1	3799.7
12.5°	2371.5	2553.8	2741.2	2929.2	3108.2	3269.1	3423.0	3565.7	3704.9	3830.7	3913.9
10°	2420.0	2607.7	2801.3	2992.9	3174.3	3344.6	3511.9	3662.7	3799.6	3912.1	4005.2
7.5°	2462.0	2655.3	2851.9	3043.9	3224.7	3400.6	3572.8	3733.0	3871.2	3977.2	4060.2
5°	2492.9	2690.8	2891.2	3085.0	3268.3	3444.8	3617.7	3776.0	3910.8	4018.7	4109.2
2.5°	2515.0	2714.8	2916.6	3110.7	3298.0	3475.0	3652.2	3812.3	3942.9	4041.7	4128.4
0°	2529.2	2729.3	2932.7	3131.2	3315.2	3486.3	3676.8	3826.9	3962.4	4060.9	4151.3
-2.5°	2515.0	2714.8	2916.6	3110.7	3298.0	3475.0	3652.2	3812.3	3942.9	4041.7	4128.4
-5°	2492.9	2690.8	2891.2	3085.0	3268.3	3444.8	3617.7	3776.0	3910.8	4018.7	4109.2
-7.5°	2462.0	2655.3	2851.9	3043.9	3224.7	3400.6	3572.8	3733.0	3871.2	3977.2	4060.2
-10°	2420.0	2607.7	2801.3	2992.9	3174.3	3344.6	3511.9	3662.7	3799.6	3912.1	4005.2
-12.5°	2371.5	2553.8	2741.2	2929.2	3108.2	3269.1	3423.0	3565.7	3704.9	3830.7	3913.9
-15°	2314.5	2489.9	2669.5	2846.6	3015.9	3177.0	3323.9	3464.6	3597.2	3709.1	3799.7
-17.5°	2244.2	2417.8	2582.4	2748.2	2908.7	3067.8	3214.9	3349.5	3469.0	3572.5	3661.9
-20°	2161.1	2330.4	2486.7	2642.4	2794.7	2946.4	3091.1	3216.8	3327.5	3424.9	3510.3



REPORT NUMBER: P626801 (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°	2072.3	2230.2	2383.0	2530.3	2674.8	2816.9	2951.7	3070.8	3175.4	3267.0	3344.4
-25°	1976.9	2125.0	2270.4	2410.4	2545.6	2677.3	2800.5	2914.6	3013.3	3100.8	3170.7
-27.5°	1877.1	2014.9	2151.3	2283.3	2409.9	2529.3	2643.3	2747.9	2840.3	2920.1	2988.1
-30°	1771.5	1899.7	2026.8	2150.4	2267.5	2377.4	2481.9	2578.3	2663.0	2736.3	2800.9
-32.5°	1663.8	1782.2	1899.0	2012.9	2121.3	2222.8	2317.1	2408.3	2487.0	2554.1	2611.7
-35°	1552.6	1662.7	1770.0	1873.5	1972.5	2066.6	2153.7	2236.2	2312.7	2373.8	2423.9
-37.5°	1440.9	1541.3	1639.3	1733.4	1824.0	1909.2	1988.8	2061.3	2126.3	2186.5	2235.5
-40°	1329.7	1421.0	1509.4	1593.4	1675.7	1754.4	1828.1	1892.2	1949.8	2002.7	2046.8
-42.5°	1218.0	1301.3	1381.6	1458.6	1530.6	1602.8	1670.9	1731.8	1782.8	1827.3	1864.7
-45°	1107.7	1182.4	1254.1	1324.7	1390.2	1452.6	1513.1	1568.8	1613.5	1652.7	1685.6
-47.5°	998.7	1065.3	1130.3	1192.0	1251.5	1307.2	1356.3	1401.0	1444.6	1480.1	1508.3
-50°	893.8	952.3	1010.5	1064.4	1118.1	1168.2	1213.5	1252.8	1287.7	1318.0	1341.9
-52.5°	793.4	844.6	894.8	943.2	990.0	1033.5	1073.1	1106.8	1136.9	1162.7	1183.2
-55°	701.7	743.8	782.5	825.1	866.3	903.8	936.8	965.8	990.9	1011.9	1029.7
-57.5°	618.3	652.0	685.3	719.1	751.0	780.9	808.8	833.5	854.4	871.5	885.8
-60°	541.1	567.0	595.6	622.8	647.8	670.7	693.4	713.1	729.9	743.9	755.1
-62.5°	469.2	492.1	513.3	533.9	554.2	574.0	589.3	603.2	615.5	626.2	634.6
-65°	400.1	418.8	435.3	450.5	464.4	479.1	491.1	501.2	509.3	516.0	521.4
-67.5°	334.4	349.0	361.7	372.6	383.3	393.4	401.7	408.5	413.7	418.2	421.6
-70°	276.0	286.9	296.1	304.8	313.7	320.9	326.2	330.1	332.6	334.2	335.4
-72.5°	224.2	234.3	242.6	250.4	257.0	261.7	265.1	267.7	269.5	267.7	264.6
-75°	176.4	186.2	195.6	203.6	210.3	213.3	214.8	215.9	216.5	210.7	203.1
-77.5°	135.3	145.2	153.9	161.9	169.2	170.6	170.3	170.0	169.3	161.3	151.5
-80°	95.0	103.0	110.4	117.8	125.1	125.9	125.1	123.6	121.5	113.6	104.6
-82.5°	58.2	62.9	67.3	71.8	76.2	77.3	77.6	77.4	76.8	70.8	64.1
-85°	27.0	28.9	30.7	32.4	34.0	35.6	37.0	38.3	39.6	36.1	32.3
-87.5°	5.3	5.5	5.6	5.8	5.9	6.0	6.1	6.2	6.3	5.9	5.6
-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: P626801 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-735-U-VWR-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°	5.2	4.8	4.8	4.8	4.8	4.8	5.2	5.6	5.9	6.3	6.2
85°	28.3	24.1	22.6	21.0	22.6	24.1	28.3	32.3	36.1	39.6	38.3
82.5°	57.1	49.8	47.5	45.2	47.5	49.8	57.1	64.1	70.8	76.8	77.4
80°	95.2	85.3	81.4	77.5	81.4	85.3	95.2	104.6	113.6	121.5	123.6
77.5°	141.2	130.4	125.8	121.1	125.8	130.4	141.2	151.5	161.3	169.3	170.0
75°	195.1	186.6	181.4	175.9	181.4	186.6	195.1	203.1	210.7	216.5	215.9
72.5°	261.0	256.8	253.1	248.6	253.1	256.8	261.0	264.6	267.7	269.5	267.7
70°	335.7	335.2	335.9	335.7	335.9	335.2	335.7	335.4	334.2	332.6	330.1
67.5°	423.4	423.5	425.3	426.1	425.3	423.5	423.4	421.6	418.2	413.7	408.5
65°	524.7	525.9	525.5	522.9	525.5	525.9	524.7	521.4	516.0	509.3	501.2
62.5°	640.6	644.1	646.0	645.6	646.0	644.1	640.6	634.6	626.2	615.5	603.2
60°	763.6	769.0	771.8	771.5	771.8	769.0	763.6	755.1	743.9	729.9	713.1
57.5°	896.5	903.5	905.1	902.2	905.1	903.5	896.5	885.8	871.5	854.4	833.5
55°	1043.2	1052.1	1055.6	1054.0	1055.6	1052.1	1043.2	1029.7	1011.9	990.9	965.8
52.5°	1198.3	1208.0	1211.4	1208.9	1211.4	1208.0	1198.3	1183.2	1162.7	1136.9	1106.8
50°	1359.3	1371.1	1375.8	1373.5	1375.8	1371.1	1359.3	1341.9	1318.0	1287.7	1252.8
47.5°	1530.3	1545.9	1552.0	1547.9	1552.0	1545.9	1530.3	1508.3	1480.1	1444.6	1401.0
45°	1710.2	1726.4	1732.6	1728.6	1732.6	1726.4	1710.2	1685.6	1652.7	1613.5	1568.8
42.5°	1893.3	1914.4	1923.3	1915.9	1923.3	1914.4	1893.3	1864.7	1827.3	1782.8	1731.8
40°	2079.7	2102.5	2113.0	2107.9	2113.0	2102.5	2079.7	2046.8	2002.7	1949.8	1892.2
37.5°	2270.8	2293.5	2304.7	2304.8	2304.7	2293.5	2270.8	2235.5	2186.5	2126.3	2061.3
35°	2462.6	2490.1	2505.7	2505.0	2505.7	2490.1	2462.6	2423.9	2373.8	2312.7	2236.2
32.5°	2657.2	2687.0	2702.9	2705.1	2702.9	2687.0	2657.2	2611.7	2554.1	2487.0	2408.3
30°	2851.4	2884.1	2902.6	2910.1	2902.6	2884.1	2851.4	2800.9	2736.3	2663.0	2578.3
27.5°	3039.7	3080.0	3107.8	3110.2	3107.8	3080.0	3039.7	2988.1	2920.1	2840.3	2747.9
25°	3222.1	3263.1	3291.7	3297.5	3291.7	3263.1	3222.1	3170.7	3100.8	3013.3	2914.6
22.5°	3401.9	3444.8	3471.1	3481.5	3471.1	3444.8	3401.9	3344.4	3267.0	3175.4	3070.8
20°	3573.5	3619.9	3647.9	3659.0	3647.9	3619.9	3573.5	3510.3	3424.9	3327.5	3216.8
17.5°	3728.7	3777.8	3812.4	3822.0	3812.4	3777.8	3728.7	3661.9	3572.5	3469.0	3349.5
15°	3865.4	3912.0	3944.7	3957.6	3944.7	3912.0	3865.4	3799.7	3709.1	3597.2	3464.6
12.5°	3976.6	4018.3	4043.9	4056.1	4043.9	4018.3	3976.6	3913.9	3830.7	3704.9	3565.7
10°	4063.5	4105.3	4129.7	4146.4	4129.7	4105.3	4063.5	4005.2	3912.1	3799.6	3662.7
7.5°	4138.9	4181.7	4211.7	4235.2	4211.7	4181.7	4138.9	4060.2	3977.2	3871.2	3733.0
5°	4180.5	4252.0	4262.8	4278.8	4262.8	4252.0	4180.5	4109.2	4018.7	3910.8	3776.0
2.5°	4212.3	4262.9	4293.5	4290.1	4293.5	4262.9	4212.3	4128.4	4041.7	3942.9	3812.3
0°	4235.2	4280.4	4291.7	4306.2	4291.7	4280.4	4235.2	4151.3	4060.9	3962.4	3826.9
-2.5°	4212.3	4262.9	4293.5	4290.1	4293.5	4262.9	4212.3	4128.4	4041.7	3942.9	3812.3
-5°	4180.5	4252.0	4262.8	4278.8	4262.8	4252.0	4180.5	4109.2	4018.7	3910.8	3776.0
-7.5°	4138.9	4181.7	4211.7	4235.2	4211.7	4181.7	4138.9	4060.2	3977.2	3871.2	3733.0
-10°	4063.5	4105.3	4129.7	4146.4	4129.7	4105.3	4063.5	4005.2	3912.1	3799.6	3662.7
-12.5°	3976.6	4018.3	4043.9	4056.1	4043.9	4018.3	3976.6	3913.9	3830.7	3704.9	3565.7
-15°	3865.4	3912.0	3944.7	3957.6	3944.7	3912.0	3865.4	3799.7	3709.1	3597.2	3464.6
-17.5°	3728.7	3777.8	3812.4	3822.0	3812.4	3777.8	3728.7	3661.9	3572.5	3469.0	3349.5
-20°	3573.5	3619.9	3647.9	3659.0	3647.9	3619.9	3573.5	3510.3	3424.9	3327.5	3216.8



REPORT NUMBER: P626801 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-735-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3401.9	3444.8	3471.1	3481.5	3471.1	3444.8	3401.9	3344.4	3267.0	3175.4	3070.8
-25°	3222.1	3263.1	3291.7	3297.5	3291.7	3263.1	3222.1	3170.7	3100.8	3013.3	2914.6
-27.5°	3039.7	3080.0	3107.8	3110.2	3107.8	3080.0	3039.7	2988.1	2920.1	2840.3	2747.9
-30°	2851.4	2884.1	2902.6	2910.1	2902.6	2884.1	2851.4	2800.9	2736.3	2663.0	2578.3
-32.5°	2657.2	2687.0	2702.9	2705.1	2702.9	2687.0	2657.2	2611.7	2554.1	2487.0	2408.3
-35°	2462.6	2490.1	2505.7	2505.0	2505.7	2490.1	2462.6	2423.9	2373.8	2312.7	2236.2
-37.5°	2270.8	2293.5	2304.7	2304.8	2304.7	2293.5	2270.8	2235.5	2186.5	2126.3	2061.3
-40°	2079.7	2102.5	2113.0	2107.9	2113.0	2102.5	2079.7	2046.8	2002.7	1949.8	1892.2
-42.5°	1893.3	1914.4	1923.3	1915.9	1923.3	1914.4	1893.3	1864.7	1827.3	1782.8	1731.8
-45°	1710.2	1726.4	1732.6	1728.6	1732.6	1726.4	1710.2	1685.6	1652.7	1613.5	1568.8
-47.5°	1530.3	1545.9	1552.0	1547.9	1552.0	1545.9	1530.3	1508.3	1480.1	1444.6	1401.0
-50°	1359.3	1371.1	1375.8	1373.5	1375.8	1371.1	1359.3	1341.9	1318.0	1287.7	1252.8
-52.5°	1198.3	1208.0	1211.4	1208.9	1211.4	1208.0	1198.3	1183.2	1162.7	1136.9	1106.8
-55°	1043.2	1052.1	1055.6	1054.0	1055.6	1052.1	1043.2	1029.7	1011.9	990.9	965.8
-57.5°	896.5	903.5	905.1	902.2	905.1	903.5	896.5	885.8	871.5	854.4	833.5
-60°	763.6	769.0	771.8	771.5	771.8	769.0	763.6	755.1	743.9	729.9	713.1
-62.5°	640.6	644.1	646.0	645.6	646.0	644.1	640.6	634.6	626.2	615.5	603.2
-65°	524.7	525.9	525.5	522.9	525.5	525.9	524.7	521.4	516.0	509.3	501.2
-67.5°	423.4	423.5	425.3	426.1	425.3	423.5	423.4	421.6	418.2	413.7	408.5
-70°	335.7	335.2	335.9	335.7	335.9	335.2	335.7	335.4	334.2	332.6	330.1
-72.5°	261.0	256.8	253.1	248.6	253.1	256.8	261.0	264.6	267.7	269.5	267.7
-75°	195.1	186.6	181.4	175.9	181.4	186.6	195.1	203.1	210.7	216.5	215.9
-77.5°	141.2	130.4	125.8	121.1	125.8	130.4	141.2	151.5	161.3	169.3	170.0
-80°	95.2	85.3	81.4	77.5	81.4	85.3	95.2	104.6	113.6	121.5	123.6
-82.5°	57.1	49.8	47.5	45.2	47.5	49.8	57.1	64.1	70.8	76.8	77.4
-85°	28.3	24.1	22.6	21.0	22.6	24.1	28.3	32.3	36.1	39.6	38.3
-87.5°	5.2	4.8	4.8	4.8	4.8	4.8	5.2	5.6	5.9	6.3	6.2
-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: P626801 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-735-U-VWR-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°	6.1	6.0	5.9	5.8	5.6	5.5	5.3	5.2	5.0	4.8	4.6
85°	37.0	35.6	34.0	32.4	30.7	28.9	27.0	23.6	20.5	17.7	15.2
82.5°	77.6	77.3	76.2	71.8	67.3	62.9	58.2	51.2	44.4	37.7	31.9
80°	125.1	125.9	125.1	117.8	110.4	103.0	95.0	84.9	74.6	64.8	57.4
77.5°	170.3	170.6	169.2	161.9	153.9	145.2	135.3	123.0	110.8	98.4	88.9
75°	214.8	213.3	210.3	203.6	195.6	186.2	176.4	165.7	153.1	138.7	126.3
72.5°	265.1	261.7	257.0	250.4	242.6	234.3	224.2	212.3	199.2	184.7	171.7
70°	326.2	320.9	313.7	304.8	296.1	286.9	276.0	263.0	247.6	231.7	217.2
67.5°	401.7	393.4	383.3	372.6	361.7	349.0	334.4	318.5	302.6	285.0	265.0
65°	491.1	479.1	464.4	450.5	435.3	418.8	400.1	381.6	362.3	341.1	315.8
62.5°	589.3	574.0	554.2	533.9	513.3	492.1	469.2	446.5	423.4	398.4	370.0
60°	693.4	670.7	647.8	622.8	595.6	567.0	541.1	513.4	484.2	456.0	424.7
57.5°	808.8	780.9	751.0	719.1	685.3	652.0	618.3	583.5	550.5	516.0	480.7
55°	936.8	903.8	866.3	825.1	782.5	743.8	701.7	659.6	619.8	577.9	539.0
52.5°	1073.1	1033.5	990.0	943.2	894.8	844.6	793.4	745.0	693.2	645.8	598.7
50°	1213.5	1168.2	1118.1	1064.4	1010.5	952.3	893.8	835.6	776.9	718.8	662.3
47.5°	1356.3	1307.2	1251.5	1192.0	1130.3	1065.3	998.7	928.7	863.8	796.5	732.3
45°	1513.1	1452.6	1390.2	1324.7	1254.1	1182.4	1107.7	1031.0	953.0	878.9	803.7
42.5°	1670.9	1602.8	1530.6	1458.6	1381.6	1301.3	1218.0	1133.5	1047.7	962.3	880.2
40°	1828.1	1754.4	1675.7	1593.4	1509.4	1421.0	1329.7	1235.8	1142.6	1048.6	955.7
37.5°	1988.8	1909.2	1824.0	1733.4	1639.3	1541.3	1440.9	1339.2	1236.4	1135.3	1034.5
35°	2153.7	2066.6	1972.5	1873.5	1770.0	1662.7	1552.6	1441.2	1330.6	1221.3	1112.1
32.5°	2317.1	2222.8	2121.3	2012.9	1899.0	1782.2	1663.8	1543.5	1422.5	1305.7	1189.4
30°	2481.9	2377.4	2267.5	2150.4	2026.8	1899.7	1771.5	1644.0	1515.1	1386.5	1263.5
27.5°	2643.3	2529.3	2409.9	2283.3	2151.3	2014.9	1877.1	1741.1	1603.5	1466.9	1334.2
25°	2800.5	2677.3	2545.6	2410.4	2270.4	2125.0	1976.9	1833.0	1689.4	1543.2	1397.7
22.5°	2951.7	2816.9	2674.8	2530.3	2383.0	2230.2	2072.3	1917.2	1768.5	1611.6	1459.5
20°	3091.1	2946.4	2794.7	2642.4	2486.7	2330.4	2161.1	1996.2	1836.3	1675.1	1515.6
17.5°	3214.9	3067.8	2908.7	2748.2	2582.4	2417.8	2244.2	2068.0	1898.6	1731.5	1564.9
15°	3323.9	3177.0	3015.9	2846.6	2669.5	2489.9	2314.5	2131.6	1955.4	1781.5	1610.6
12.5°	3423.0	3269.1	3108.2	2929.2	2741.2	2553.8	2371.5	2187.2	2006.0	1827.1	1651.6
10°	3511.9	3344.6	3174.3	2992.9	2801.3	2607.7	2420.0	2234.0	2049.0	1866.2	1685.5
7.5°	3572.8	3400.6	3224.7	3043.9	2851.9	2655.3	2462.0	2271.6	2082.5	1897.3	1711.9
5°	3617.7	3444.8	3268.3	3085.0	2891.2	2690.8	2492.9	2298.9	2106.4	1920.1	1730.7
2.5°	3652.2	3475.0	3298.0	3110.7	2916.6	2714.8	2515.0	2319.4	2125.4	1936.8	1747.3
0°	3676.8	3486.3	3315.2	3131.2	2932.7	2729.3	2529.2	2332.3	2137.0	1944.9	1756.1
-2.5°	3652.2	3475.0	3298.0	3110.7	2916.6	2714.8	2515.0	2319.4	2125.4	1936.8	1747.3
-5°	3617.7	3444.8	3268.3	3085.0	2891.2	2690.8	2492.9	2298.9	2106.4	1920.1	1730.7
-7.5°	3572.8	3400.6	3224.7	3043.9	2851.9	2655.3	2462.0	2271.6	2082.5	1897.3	1711.9
-10°	3511.9	3344.6	3174.3	2992.9	2801.3	2607.7	2420.0	2234.0	2049.0	1866.2	1685.5
-12.5°	3423.0	3269.1	3108.2	2929.2	2741.2	2553.8	2371.5	2187.2	2006.0	1827.1	1651.6
-15°	3323.9	3177.0	3015.9	2846.6	2669.5	2489.9	2314.5	2131.6	1955.4	1781.5	1610.6
-17.5°	3214.9	3067.8	2908.7	2748.2	2582.4	2417.8	2244.2	2068.0	1898.6	1731.5	1564.9
-20°	3091.1	2946.4	2794.7	2642.4	2486.7	2330.4	2161.1	1996.2	1836.3	1675.1	1515.6



REPORT NUMBER: P626801 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-735-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2951.7	2816.9	2674.8	2530.3	2383.0	2230.2	2072.3	1917.2	1768.5	1611.6	1459.5
-25°	2800.5	2677.3	2545.6	2410.4	2270.4	2125.0	1976.9	1833.0	1689.4	1543.2	1397.7
-27.5°	2643.3	2529.3	2409.9	2283.3	2151.3	2014.9	1877.1	1741.1	1603.5	1466.9	1334.2
-30°	2481.9	2377.4	2267.5	2150.4	2026.8	1899.7	1771.5	1644.0	1515.1	1386.5	1263.5
-32.5°	2317.1	2222.8	2121.3	2012.9	1899.0	1782.2	1663.8	1543.5	1422.5	1305.7	1189.4
-35°	2153.7	2066.6	1972.5	1873.5	1770.0	1662.7	1552.6	1441.2	1330.6	1221.3	1112.1
-37.5°	1988.8	1909.2	1824.0	1733.4	1639.3	1541.3	1440.9	1339.2	1236.4	1135.3	1034.5
-40°	1828.1	1754.4	1675.7	1593.4	1509.4	1421.0	1329.7	1235.8	1142.6	1048.6	955.7
-42.5°	1670.9	1602.8	1530.6	1458.6	1381.6	1301.3	1218.0	1133.5	1047.7	962.3	880.2
-45°	1513.1	1452.6	1390.2	1324.7	1254.1	1182.4	1107.7	1031.0	953.0	878.9	803.7
-47.5°	1356.3	1307.2	1251.5	1192.0	1130.3	1065.3	998.7	928.7	863.8	796.5	732.3
-50°	1213.5	1168.2	1118.1	1064.4	1010.5	952.3	893.8	835.6	776.9	718.8	662.3
-52.5°	1073.1	1033.5	990.0	943.2	894.8	844.6	793.4	745.0	693.2	645.8	598.7
-55°	936.8	903.8	866.3	825.1	782.5	743.8	701.7	659.6	619.8	577.9	539.0
-57.5°	808.8	780.9	751.0	719.1	685.3	652.0	618.3	583.5	550.5	516.0	480.7
-60°	693.4	670.7	647.8	622.8	595.6	567.0	541.1	513.4	484.2	456.0	424.7
-62.5°	589.3	574.0	554.2	533.9	513.3	492.1	469.2	446.5	423.4	398.4	370.0
-65°	491.1	479.1	464.4	450.5	435.3	418.8	400.1	381.6	362.3	341.1	315.8
-67.5°	401.7	393.4	383.3	372.6	361.7	349.0	334.4	318.5	302.6	285.0	265.0
-70°	326.2	320.9	313.7	304.8	296.1	286.9	276.0	263.0	247.6	231.7	217.2
-72.5°	265.1	261.7	257.0	250.4	242.6	234.3	224.2	212.3	199.2	184.7	171.7
-75°	214.8	213.3	210.3	203.6	195.6	186.2	176.4	165.7	153.1	138.7	126.3
-77.5°	170.3	170.6	169.2	161.9	153.9	145.2	135.3	123.0	110.8	98.4	88.9
-80°	125.1	125.9	125.1	117.8	110.4	103.0	95.0	84.9	74.6	64.8	57.4
-82.5°	77.6	77.3	76.2	71.8	67.3	62.9	58.2	51.2	44.4	37.7	31.9
-85°	37.0	35.6	34.0	32.4	30.7	28.9	27.0	23.6	20.5	17.7	15.2
-87.5°	6.1	6.0	5.9	5.8	5.6	5.5	5.3	5.2	5.0	4.8	4.6
-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: P626801 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-735-U-VWR-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°	4.7	4.7	4.7	4.6	4.1	3.6	3.2	2.7	2.5	2.2	2.0
85°	15.3	14.9	14.1	12.8	10.1	7.3	6.4	5.5	5.0	4.4	3.9
82.5°	31.9	32.2	32.2	31.3	27.6	23.7	19.7	15.5	11.5	7.3	5.8
80°	57.5	56.9	55.6	53.0	46.9	40.1	35.0	29.7	24.5	19.1	13.4
77.5°	87.0	84.5	81.5	78.0	71.6	64.1	55.5	45.7	37.5	30.8	23.8
75°	120.0	116.0	111.7	106.0	97.7	88.3	78.8	67.4	54.8	42.8	34.1
72.5°	161.2	151.7	143.1	135.0	126.1	115.6	103.5	88.8	73.4	58.9	45.2
70°	203.0	188.6	175.8	164.9	154.1	143.1	129.8	111.7	91.7	74.6	58.5
67.5°	245.5	228.5	211.3	194.9	181.4	168.4	155.6	134.5	111.5	89.9	71.5
65°	292.4	269.7	247.9	227.6	209.2	193.0	178.0	155.8	130.8	106.5	84.2
62.5°	340.7	311.8	285.9	260.0	237.1	217.4	199.4	174.9	149.3	122.6	97.3
60°	391.4	358.5	324.2	293.9	265.9	241.0	219.0	193.8	166.5	138.0	110.4
57.5°	444.9	406.2	367.6	329.4	295.7	265.8	238.2	211.6	183.5	153.2	122.6
55°	499.0	457.3	411.7	368.6	327.3	291.7	258.5	228.8	199.9	168.2	133.2
52.5°	553.2	507.4	458.5	408.7	362.4	317.9	280.8	245.4	214.9	182.9	144.2
50°	609.9	557.4	505.0	451.2	397.4	348.6	302.3	264.6	229.6	196.7	154.6
47.5°	668.9	610.4	552.0	493.3	435.6	378.0	327.4	283.3	243.7	209.3	164.3
45°	733.6	665.2	600.6	537.1	471.8	409.7	352.9	301.2	259.7	219.1	173.2
42.5°	798.3	723.0	650.8	580.1	509.7	441.3	377.0	322.3	275.0	228.5	181.4
40°	867.1	781.0	701.0	624.3	546.6	471.2	403.7	342.9	289.4	238.2	189.2
37.5°	933.9	840.5	752.6	666.5	582.9	503.6	429.4	362.2	303.0	249.1	196.5
35°	1004.7	900.3	800.2	709.0	620.2	534.3	453.5	381.6	318.7	259.8	203.5
32.5°	1073.1	958.7	851.4	750.9	655.9	563.3	478.3	402.2	333.8	270.1	210.0
30°	1140.2	1017.3	900.5	790.4	690.4	593.7	503.1	421.5	348.2	280.1	216.5
27.5°	1202.1	1071.6	947.5	831.4	724.3	622.5	526.5	439.4	361.9	290.4	224.0
25°	1259.8	1123.9	993.8	870.8	755.8	649.8	548.1	455.9	375.8	301.1	231.0
22.5°	1314.0	1172.4	1035.8	907.0	784.9	674.8	569.2	473.5	389.0	310.9	237.5
20°	1363.2	1216.0	1073.4	939.9	813.3	698.7	589.4	489.3	400.7	319.8	243.3
17.5°	1407.6	1256.0	1109.3	970.7	839.7	719.9	607.4	503.2	411.1	327.8	248.3
15°	1448.7	1292.3	1141.0	997.5	862.6	738.4	623.0	515.2	420.0	334.7	253.2
12.5°	1484.1	1323.4	1167.9	1020.3	881.9	754.0	636.3	525.2	427.3	341.0	257.8
10°	1513.2	1349.2	1189.9	1039.0	897.5	766.8	647.0	533.7	434.2	346.4	261.3
7.5°	1535.8	1369.3	1206.9	1053.3	909.9	777.4	656.2	541.0	439.8	350.6	263.7
5°	1553.0	1385.1	1221.6	1065.4	921.2	786.0	662.9	546.2	443.8	353.5	265.1
2.5°	1568.3	1396.9	1233.2	1073.2	928.9	791.6	666.9	549.3	446.3	355.0	265.4
0°	1576.9	1402.6	1239.6	1076.6	932.9	794.1	668.2	550.4	447.1	355.1	264.7
-2.5°	1568.3	1396.9	1233.2	1073.2	928.9	791.6	666.9	549.3	446.3	355.0	265.4
-5°	1553.0	1385.1	1221.6	1065.4	921.2	786.0	662.9	546.2	443.8	353.5	265.1
-7.5°	1535.8	1369.3	1206.9	1053.3	909.9	777.4	656.2	541.0	439.8	350.6	263.7
-10°	1513.2	1349.2	1189.9	1039.0	897.5	766.8	647.0	533.7	434.2	346.4	261.3
-12.5°	1484.1	1323.4	1167.9	1020.3	881.9	754.0	636.3	525.2	427.3	341.0	257.8
-15°	1448.7	1292.3	1141.0	997.5	862.6	738.4	623.0	515.2	420.0	334.7	253.2
-17.5°	1407.6	1256.0	1109.3	970.7	839.7	719.9	607.4	503.2	411.1	327.8	248.3
-20°	1363.2	1216.0	1073.4	939.9	813.3	698.7	589.4	489.3	400.7	319.8	243.3



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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°	1314.0	1172.4	1035.8	907.0	784.9	674.8	569.2	473.5	389.0	310.9	237.5
-25°	1259.8	1123.9	993.8	870.8	755.8	649.8	548.1	455.9	375.8	301.1	231.0
-27.5°	1202.1	1071.6	947.5	831.4	724.3	622.5	526.5	439.4	361.9	290.4	224.0
-30°	1140.2	1017.3	900.5	790.4	690.4	593.7	503.1	421.5	348.2	280.1	216.5
-32.5°	1073.1	958.7	851.4	750.9	655.9	563.3	478.3	402.2	333.8	270.1	210.0
-35°	1004.7	900.3	800.2	709.0	620.2	534.3	453.5	381.6	318.7	259.8	203.5
-37.5°	933.9	840.5	752.6	666.5	582.9	503.6	429.4	362.2	303.0	249.1	196.5
-40°	867.1	781.0	701.0	624.3	546.6	471.2	403.7	342.9	289.4	238.2	189.2
-42.5°	798.3	723.0	650.8	580.1	509.7	441.3	377.0	322.3	275.0	228.5	181.4
-45°	733.6	665.2	600.6	537.1	471.8	409.7	352.9	301.2	259.7	219.1	173.2
-47.5°	668.9	610.4	552.0	493.3	435.6	378.0	327.4	283.3	243.7	209.3	164.3
-50°	609.9	557.4	505.0	451.2	397.4	348.6	302.3	264.6	229.6	196.7	154.6
-52.5°	553.2	507.4	458.5	408.7	362.4	317.9	280.8	245.4	214.9	182.9	144.2
-55°	499.0	457.3	411.7	368.6	327.3	291.7	258.5	228.8	199.9	168.2	133.2
-57.5°	444.9	406.2	367.6	329.4	295.7	265.8	238.2	211.6	183.5	153.2	122.6
-60°	391.4	358.5	324.2	293.9	265.9	241.0	219.0	193.8	166.5	138.0	110.4
-62.5°	340.7	311.8	285.9	260.0	237.1	217.4	199.4	174.9	149.3	122.6	97.3
-65°	292.4	269.7	247.9	227.6	209.2	193.0	178.0	155.8	130.8	106.5	84.2
-67.5°	245.5	228.5	211.3	194.9	181.4	168.4	155.6	134.5	111.5	89.9	71.5
-70°	203.0	188.6	175.8	164.9	154.1	143.1	129.8	111.7	91.7	74.6	58.5
-72.5°	161.2	151.7	143.1	135.0	126.1	115.6	103.5	88.8	73.4	58.9	45.2
-75°	120.0	116.0	111.7	106.0	97.7	88.3	78.8	67.4	54.8	42.8	34.1
-77.5°	87.0	84.5	81.5	78.0	71.6	64.1	55.5	45.7	37.5	30.8	23.8
-80°	57.5	56.9	55.6	53.0	46.9	40.1	35.0	29.7	24.5	19.1	13.4
-82.5°	31.9	32.2	32.2	31.3	27.6	23.7	19.7	15.5	11.5	7.3	5.8
-85°	15.3	14.9	14.1	12.8	10.1	7.3	6.4	5.5	5.0	4.4	3.9
-87.5°	4.7	4.7	4.7	4.6	4.1	3.6	3.2	2.7	2.5	2.2	2.0
-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°	1.7	1.4	1.1	0.8	0.6	0.2	0.0
85°	3.4	2.8	2.3	1.7	1.1	0.5	0.0
82.5°	5.0	4.2	3.4	2.5	1.7	0.7	0.0
80°	7.6	5.6	4.5	3.4	2.2	1.0	0.0
77.5°	16.4	8.8	5.6	4.2	2.8	1.2	0.0
75°	25.1	15.1	7.3	5.0	3.3	1.5	0.0
72.5°	33.5	21.3	11.6	5.8	3.9	1.7	0.0
70°	41.8	27.3	15.7	7.0	4.4	1.9	0.0
67.5°	51.9	33.0	19.7	9.6	4.9	2.1	0.0
65°	61.5	39.4	23.6	12.0	5.4	2.4	0.0
62.5°	70.6	46.4	27.2	14.4	5.8	2.6	0.0
60°	79.2	53.0	30.6	16.6	6.3	2.8	0.0
57.5°	88.3	59.2	35.1	18.7	7.5	3.0	0.0
55°	96.9	65.0	39.4	20.7	8.7	3.2	0.0
52.5°	104.8	70.5	43.4	22.5	9.9	3.3	0.0
50°	112.1	76.3	47.1	24.1	11.0	3.5	0.0
47.5°	118.9	81.7	50.5	25.8	12.1	3.7	0.0
45°	126.5	86.5	53.5	28.1	13.1	3.8	0.0
42.5°	133.5	90.7	56.2	30.1	14.1	4.0	0.0
40°	139.8	94.5	58.9	32.2	15.0	4.1	0.0
37.5°	145.4	97.7	61.6	34.2	15.9	4.2	0.0
35°	150.4	101.4	63.9	36.1	16.7	4.3	0.0
32.5°	155.0	105.1	65.8	37.9	17.4	4.4	0.0
30°	159.8	108.2	67.3	39.5	18.1	4.5	0.0
27.5°	164.1	110.8	69.7	41.0	18.7	4.6	0.0
25°	167.9	112.9	71.8	42.3	19.2	4.7	0.0
22.5°	171.2	115.0	73.7	43.4	19.7	4.7	0.0
20°	173.8	117.9	75.4	44.4	20.1	4.8	0.0
17.5°	177.2	120.2	76.8	45.3	20.4	4.8	0.0
15°	180.7	122.0	77.9	46.0	20.7	4.8	0.0
12.5°	183.5	123.3	78.7	46.5	20.9	4.9	0.0
10°	185.7	124.2	79.3	46.9	21.1	4.9	0.0
7.5°	187.1	124.5	79.7	47.1	21.1	4.9	0.0
5°	187.9	124.3	79.7	47.1	21.2	4.9	0.0
2.5°	187.9	123.7	79.5	47.0	21.1	4.8	0.0
0°	187.2	122.7	79.1	46.8	21.0	4.8	0.0
-2.5°	187.9	123.7	79.5	47.0	21.1	4.8	0.0
-5°	187.9	124.3	79.7	47.1	21.2	4.9	0.0
-7.5°	187.1	124.5	79.7	47.1	21.1	4.9	0.0
-10°	185.7	124.2	79.3	46.9	21.1	4.9	0.0
-12.5°	183.5	123.3	78.7	46.5	20.9	4.9	0.0
-15°	180.7	122.0	77.9	46.0	20.7	4.8	0.0
-17.5°	177.2	120.2	76.8	45.3	20.4	4.8	0.0
-20°	173.8	117.9	75.4	44.4	20.1	4.8	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	171.2	115.0	73.7	43.4	19.7	4.7	0.0
-25°	167.9	112.9	71.8	42.3	19.2	4.7	0.0
-27.5°	164.1	110.8	69.7	41.0	18.7	4.6	0.0
-30°	159.8	108.2	67.3	39.5	18.1	4.5	0.0
-32.5°	155.0	105.1	65.8	37.9	17.4	4.4	0.0
-35°	150.4	101.4	63.9	36.1	16.7	4.3	0.0
-37.5°	145.4	97.7	61.6	34.2	15.9	4.2	0.0
-40°	139.8	94.5	58.9	32.2	15.0	4.1	0.0
-42.5°	133.5	90.7	56.2	30.1	14.1	4.0	0.0
-45°	126.5	86.5	53.5	28.1	13.1	3.8	0.0
-47.5°	118.9	81.7	50.5	25.8	12.1	3.7	0.0
-50°	112.1	76.3	47.1	24.1	11.0	3.5	0.0
-52.5°	104.8	70.5	43.4	22.5	9.9	3.3	0.0
-55°	96.9	65.0	39.4	20.7	8.7	3.2	0.0
-57.5°	88.3	59.2	35.1	18.7	7.5	3.0	0.0
-60°	79.2	53.0	30.6	16.6	6.3	2.8	0.0
-62.5°	70.6	46.4	27.2	14.4	5.8	2.6	0.0
-65°	61.5	39.4	23.6	12.0	5.4	2.4	0.0
-67.5°	51.9	33.0	19.7	9.6	4.9	2.1	0.0
-70°	41.8	27.3	15.7	7.0	4.4	1.9	0.0
-72.5°	33.5	21.3	11.6	5.8	3.9	1.7	0.0
-75°	25.1	15.1	7.3	5.0	3.3	1.5	0.0
-77.5°	16.4	8.8	5.6	4.2	2.8	1.2	0.0
-80°	7.6	5.6	4.5	3.4	2.2	1.0	0.0
-82.5°	5.0	4.2	3.4	2.5	1.7	0.7	0.0
-85°	3.4	2.8	2.3	1.7	1.1	0.5	0.0
-87.5°	1.7	1.4	1.1	0.8	0.6	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)