

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: P645529 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA5D-735-U-LAM-VSR-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645529 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-22)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/4/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5D-735-U-LAM-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, LAMBERTIAN WITH VISOR
Light Source: (80) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

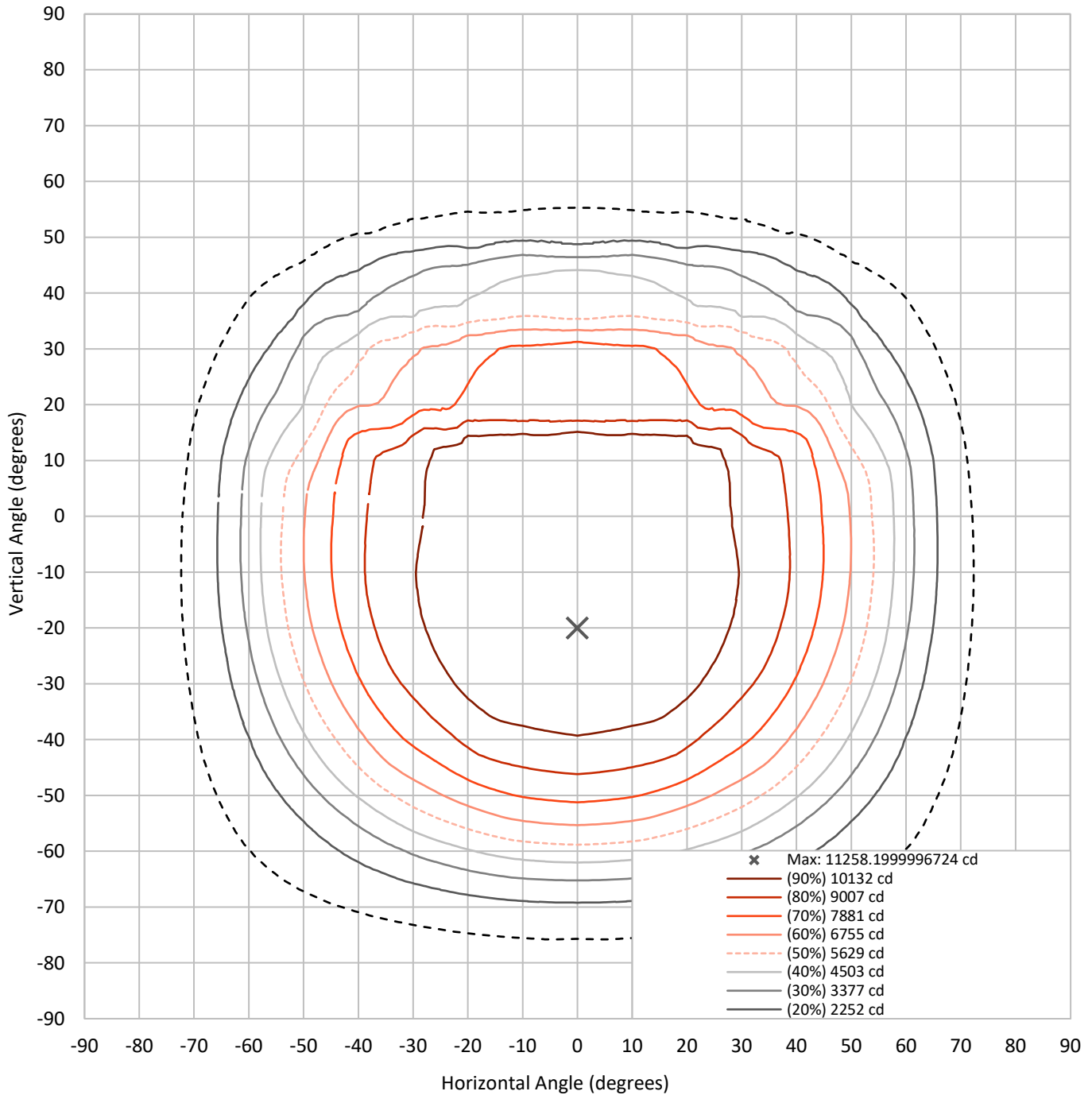
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	26398.2 lumens	Max Intensity:	11258.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	97.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	105.6°H x 93.7°V	Field Angle (10%):	144°H x 131.2°V
Beam Lumens:	20636.6 lumens	Field Lumens:	25874 lumens
Beam Efficiency:	78.2%	Field Efficiency:	98.0%
Input Watts (W):	271.3		
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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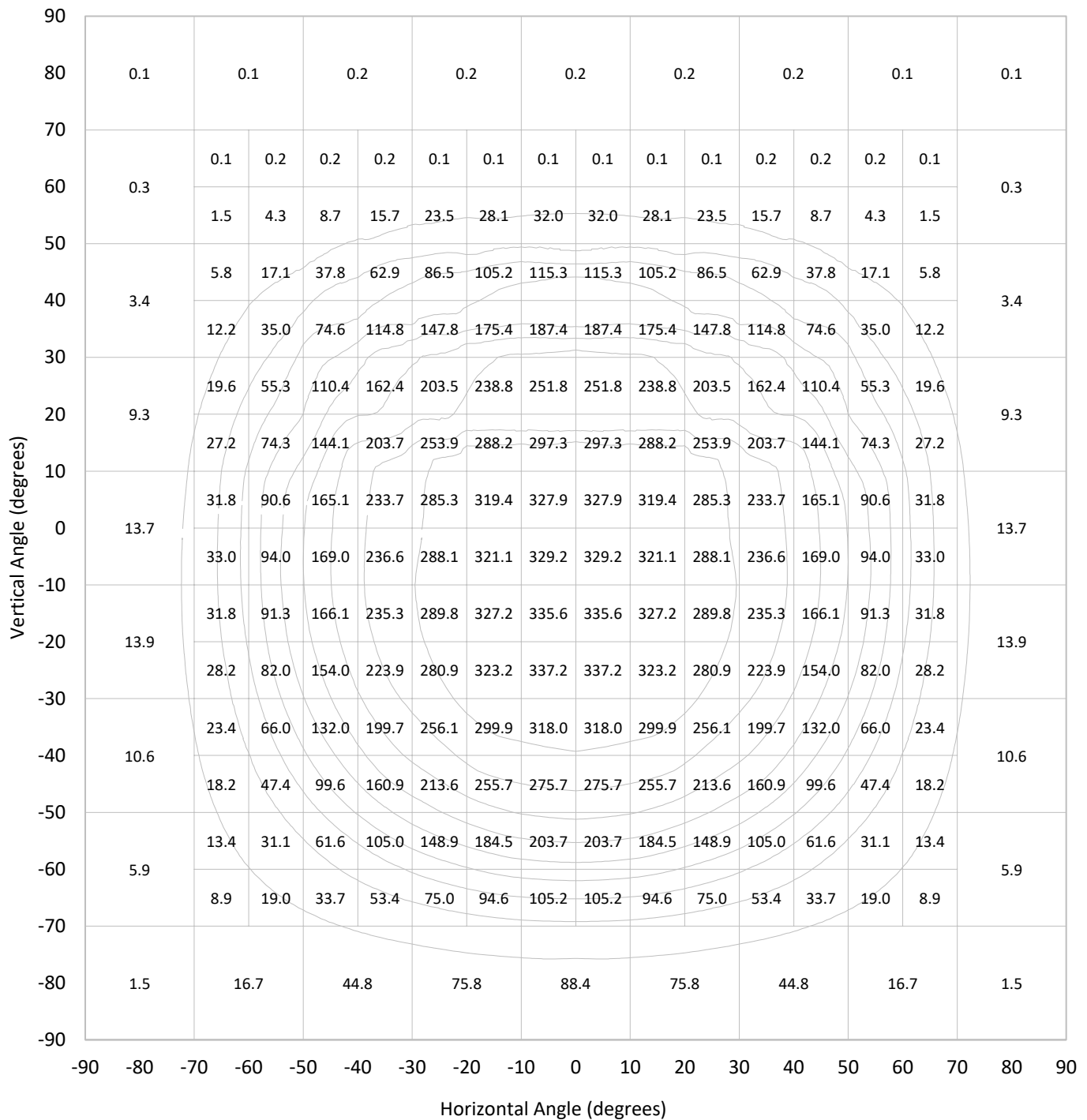
Iso-Candela Plot





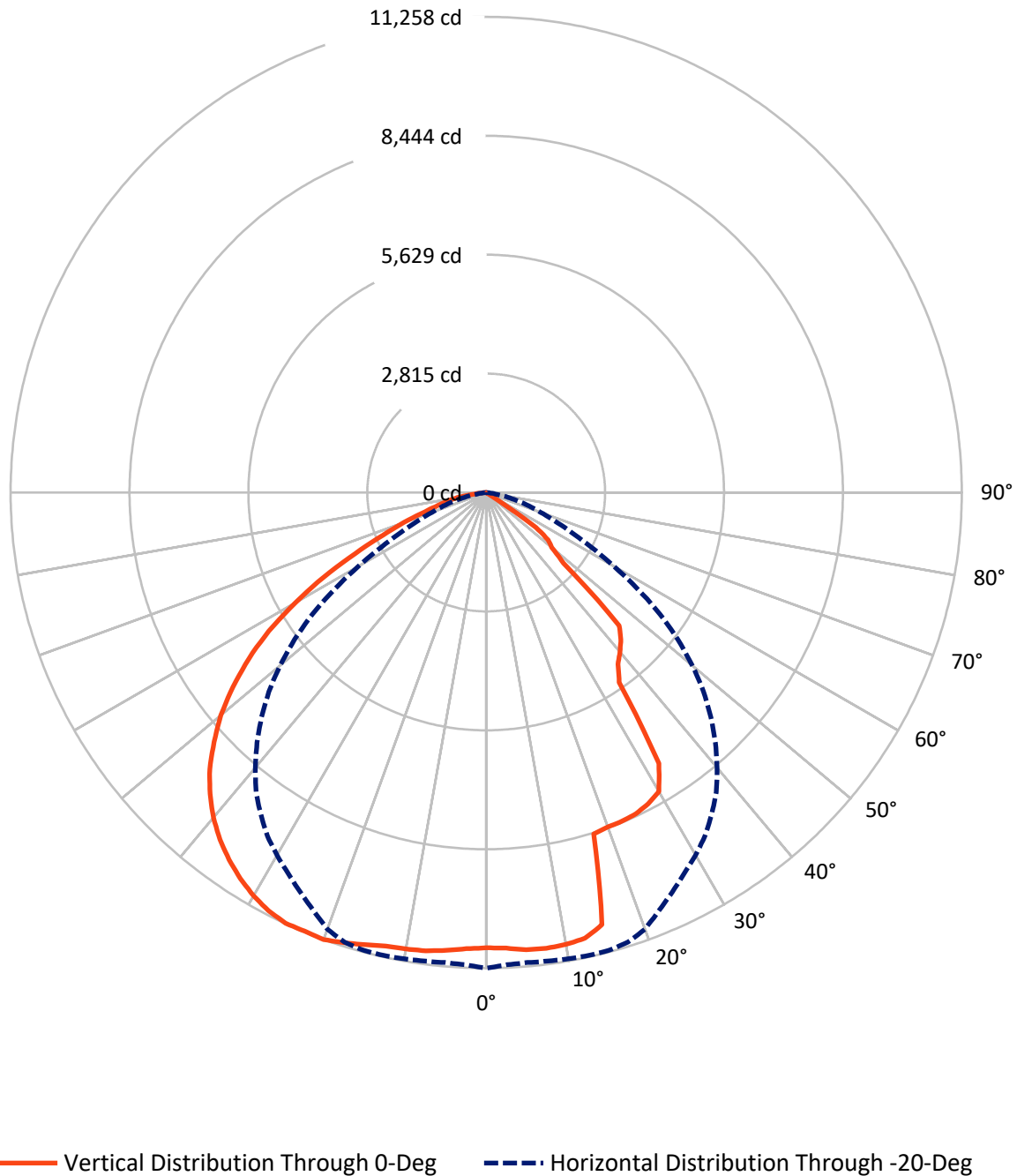
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Lumen Table



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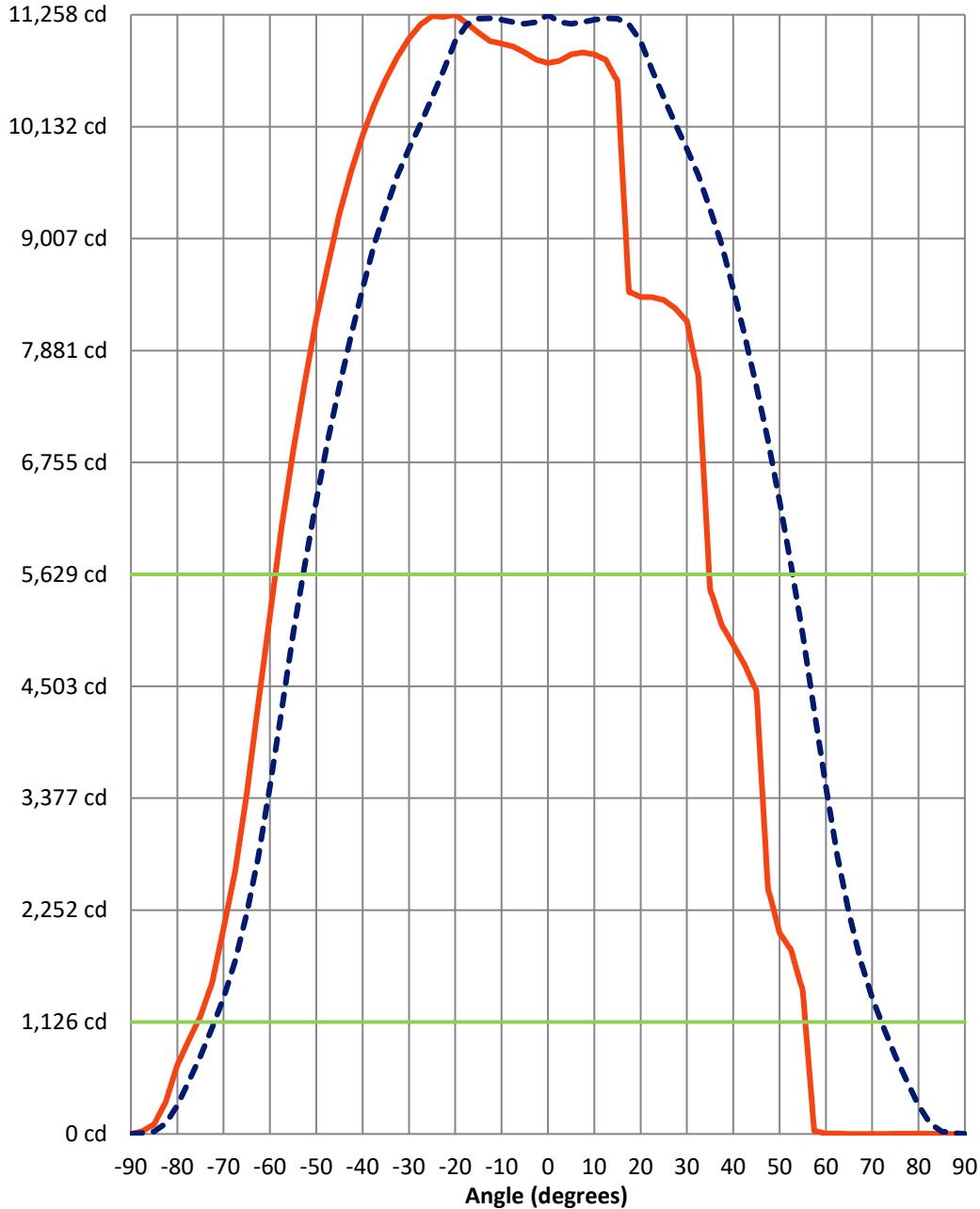
Luminous Intensity Polar Plot





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Luminous Intensity Plot



Beam:
 H Angle: 105.6°
 V Angle: 93.7°
 Lumens: 20636.6
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 25874
 Efficiency: 98.0%

Spill:
 Lumens: 524.2
 Efficiency: 2.0%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through -20-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	0.3	0.4	0.6	0.8	1.0	1.2	1.3	1.2	1.1	1.0
85°	0.0	0.5	0.8	1.3	1.7	2.1	2.5	2.5	2.5	2.3	2.0
82.5°	0.0	0.8	1.3	1.9	2.5	3.1	3.7	3.8	3.6	3.0	2.4
80°	0.0	1.0	1.7	2.5	3.3	4.1	4.8	4.3	3.7	3.1	2.5
77.5°	0.0	1.3	2.1	3.1	4.1	4.8	4.8	4.3	3.7	3.1	2.5
75°	0.0	1.6	2.5	3.7	4.8	5.0	4.9	4.3	3.8	3.2	2.6
72.5°	0.0	1.8	2.9	4.3	5.1	5.2	4.9	4.4	3.8	3.2	2.6
70°	0.0	2.1	3.4	4.8	5.3	5.3	5.1	4.4	3.9	3.3	3.8
67.5°	0.0	2.3	3.8	5.1	5.5	5.5	5.6	4.5	4.0	5.3	5.4
65°	0.0	2.6	4.2	5.3	5.8	6.4	6.5	4.6	6.4	7.5	9.4
62.5°	0.0	2.8	4.7	5.6	6.0	7.9	7.5	6.4	8.9	13.1	20.9
60°	0.0	3.1	5.1	5.8	6.3	9.6	8.9	9.1	11.5	33.4	36.3
57.5°	0.0	3.3	5.4	6.1	8.1	11.5	16.4	12.8	32.7	56.7	65.9
55°	0.0	3.6	5.6	6.3	10.2	13.6	26.2	20.7	60.6	87.5	106.6
52.5°	0.0	3.8	5.9	6.6	12.3	17.5	37.6	52.6	91.0	137.3	154.7
50°	0.0	4.0	6.2	6.9	14.5	29.8	50.7	89.0	130.2	192.7	241.6
47.5°	0.0	4.3	6.5	7.5	16.8	43.1	68.2	127.0	187.5	253.8	330.5
45°	0.0	4.5	6.8	9.3	19.1	57.3	102.8	166.8	251.7	330.8	416.8
42.5°	0.0	4.7	7.1	11.2	21.6	72.5	138.4	217.4	317.1	405.8	516.2
40°	0.0	4.9	7.4	13.5	29.1	88.5	174.7	274.8	384.4	479.3	622.7
37.5°	0.0	5.1	7.7	16.4	41.6	105.3	211.7	332.4	455.0	567.7	733.8
35°	0.0	5.3	8.0	19.6	54.4	130.9	249.3	390.0	526.7	676.2	865.2
32.5°	0.0	5.5	8.3	23.1	67.3	160.5	290.0	447.3	599.2	785.3	1025.0
30°	0.0	5.7	8.6	26.9	80.3	189.9	336.6	505.2	672.5	894.7	1178.4
27.5°	0.0	5.9	8.9	31.0	96.3	219.0	382.3	565.5	752.9	1004.0	1324.9
25°	0.0	6.1	9.3	35.3	112.8	247.5	426.9	625.1	843.7	1123.3	1464.6
22.5°	0.0	6.2	9.6	39.7	129.2	276.7	470.1	683.8	932.7	1242.6	1606.0
20°	0.0	6.4	9.9	44.3	145.4	308.0	512.0	741.2	1019.4	1355.1	1744.0
17.5°	0.0	6.5	10.2	49.0	161.4	338.3	553.3	797.0	1103.3	1460.7	1877.6
15°	0.0	6.7	10.5	53.7	177.0	367.3	593.1	848.9	1183.9	1559.2	2006.1
12.5°	0.0	6.8	10.8	58.3	192.1	395.1	630.3	895.1	1248.2	1650.4	2128.2
10°	0.0	6.9	11.0	62.9	206.5	421.3	664.8	937.7	1296.2	1705.2	2227.8
7.5°	0.0	7.0	11.3	67.4	220.1	445.8	696.5	976.5	1337.1	1747.5	2285.8
5°	0.0	7.1	11.5	71.6	232.8	468.4	725.3	1011.5	1371.2	1781.7	2333.0
2.5°	0.0	7.1	11.8	75.6	244.4	488.9	751.1	1042.6	1398.8	1808.0	2369.1
0°	0.0	7.2	12.0	79.3	254.8	507.1	773.9	1069.6	1420.5	1826.7	2393.9
-2.5°	0.0	7.6	13.9	84.5	264.5	518.7	785.2	1085.3	1428.3	1850.3	2410.1
-5°	0.0	8.0	15.7	89.2	272.7	527.8	793.5	1096.9	1431.0	1865.6	2415.2
-7.5°	0.0	8.4	17.5	93.5	279.4	534.4	798.8	1104.1	1429.0	1871.8	2409.9
-10°	0.0	8.7	19.3	97.2	284.5	538.6	801.2	1106.8	1422.9	1868.1	2394.6
-12.5°	0.0	9.1	20.9	100.3	287.9	540.3	800.8	1104.9	1413.0	1853.1	2368.3
-15°	0.0	9.4	22.5	102.7	289.6	539.5	797.7	1098.4	1401.8	1823.7	2330.2
-17.5°	0.0	9.6	23.9	104.5	289.4	536.3	791.8	1085.2	1388.2	1787.0	2280.5
-20°	0.0	9.9	25.3	105.6	287.3	530.6	782.8	1066.3	1368.8	1743.2	2219.4

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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	10.0	26.5	105.9	283.2	522.5	769.7	1043.6	1343.5	1692.8	2146.7
-25°	0.0	10.2	27.5	105.4	277.2	509.9	753.6	1017.2	1312.3	1636.0	2062.5
-27.5°	0.0	10.3	28.4	104.1	269.1	494.3	734.4	987.3	1275.1	1581.0	1988.0
-30°	0.0	10.4	29.2	102.0	259.0	476.5	712.3	953.9	1234.4	1534.5	1908.4
-32.5°	0.0	10.4	29.7	99.0	247.2	456.5	687.2	923.0	1191.3	1480.7	1823.3
-35°	0.0	10.4	30.1	95.1	234.1	434.5	660.0	890.5	1144.6	1419.8	1732.9
-37.5°	0.0	10.3	30.3	90.4	219.7	412.4	630.8	854.6	1094.6	1351.7	1643.7
-40°	0.0	10.2	30.4	84.7	204.0	392.4	599.3	815.2	1041.5	1287.4	1555.6
-42.5°	0.0	10.1	30.2	78.7	192.1	370.9	565.7	772.6	990.1	1219.5	1460.8
-45°	0.0	9.9	29.8	72.5	184.0	348.1	529.9	728.5	937.5	1147.1	1362.5
-47.5°	0.0	9.6	29.3	65.5	174.4	323.9	492.1	684.4	881.2	1071.1	1277.5
-50°	0.0	9.4	28.5	63.1	163.3	298.5	460.5	638.1	818.9	1001.3	1188.5
-52.5°	0.0	9.0	27.6	61.9	150.9	271.9	428.9	589.7	759.3	929.5	1097.2
-55°	0.0	8.6	26.5	59.9	137.1	251.7	396.0	540.7	699.5	855.7	1016.1
-57.5°	0.0	8.2	25.3	57.3	122.0	231.2	361.9	501.8	637.7	785.0	933.2
-60°	0.0	7.8	23.8	54.1	106.1	208.9	327.3	458.8	575.8	713.5	850.4
-62.5°	0.0	7.3	22.4	50.2	98.6	184.8	295.8	412.1	518.6	640.1	769.3
-65°	0.0	6.7	20.8	45.8	90.0	159.0	261.9	363.5	457.9	566.4	686.3
-67.5°	0.0	6.1	19.1	40.9	80.4	137.5	225.9	315.4	394.1	489.5	596.7
-70°	0.0	5.5	17.3	35.5	69.9	120.3	188.0	266.1	336.9	409.1	501.3
-72.5°	0.0	4.9	15.3	31.2	58.7	101.8	159.0	215.7	278.7	342.5	407.1
-75°	0.0	4.3	13.3	27.1	46.7	82.3	130.0	173.9	219.4	275.1	331.4
-77.5°	0.0	3.6	11.2	22.9	38.6	61.7	99.5	134.4	170.6	209.8	254.5
-80°	0.0	2.9	9.1	18.5	31.2	47.0	67.9	94.2	122.2	152.5	185.1
-82.5°	0.0	2.2	6.8	14.0	23.5	35.5	49.9	60.4	73.0	94.4	117.5
-85°	0.0	1.5	4.6	9.4	15.8	23.8	33.4	40.4	47.6	55.1	62.8
-87.5°	0.0	0.7	2.3	4.7	7.9	12.0	16.8	20.2	23.8	27.6	31.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: GFLD-SA5D-735-U-LAM-VSR-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°	1.1	1.2	1.3	1.4	1.5	1.5	1.6	1.7	1.8	1.8	1.9
85°	2.2	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
82.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
80°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
77.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
75°	2.4	2.4	2.6	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4
72.5°	2.8	3.1	3.0	2.7	2.4	2.4	2.4	2.4	2.4	2.4	2.4
70°	3.8	3.9	3.4	2.8	2.4	2.5	2.8	2.7	2.4	2.4	2.4
67.5°	4.6	4.1	3.5	3.3	3.3	3.6	3.5	2.9	2.4	2.4	2.5
65°	4.7	4.2	6.0	6.8	5.0	4.3	3.7	3.1	3.3	3.4	3.5
62.5°	7.2	9.0	11.5	20.3	15.2	4.4	7.9	9.3	6.9	5.7	6.1
60°	23.4	15.9	47.3	67.9	42.4	15.4	18.9	62.8	54.4	10.0	34.0
57.5°	49.3	67.7	124.7	127.0	87.8	60.6	176.3	203.6	154.1	90.0	137.6
55°	108.7	167.0	206.9	191.5	209.1	316.7	376.3	338.0	284.6	437.8	559.3
52.5°	212.3	271.8	285.3	327.6	468.9	538.7	516.2	552.1	716.0	889.2	926.7
50°	313.4	362.1	400.0	578.3	688.9	695.9	747.3	909.6	1128.2	1234.2	1208.5
47.5°	411.1	461.6	638.2	809.6	859.3	927.3	1055.7	1369.0	1600.5	1605.1	1578.9
45°	514.5	649.1	874.6	986.4	1067.0	1198.6	1508.7	1940.9	1963.3	2026.1	2412.4
42.5°	625.0	860.9	1057.7	1174.0	1304.1	1549.8	1963.5	2247.0	2344.6	2619.5	2930.1
40°	804.0	1065.5	1237.5	1386.1	1553.5	1911.8	2365.0	2630.6	2709.9	2947.9	3181.4
37.5°	985.6	1236.4	1429.1	1608.3	1840.4	2324.0	2848.3	3067.4	3107.5	3151.0	3668.4
35°	1160.6	1411.6	1642.3	1876.9	2161.4	2857.7	3315.9	3521.9	3515.5	3809.3	4351.1
32.5°	1324.1	1590.7	1863.0	2176.7	2646.2	3359.5	3818.0	3941.3	4128.3	4555.8	5295.4
30°	1487.4	1790.6	2103.1	2476.9	3071.7	3689.9	4213.3	4411.7	4732.3	5220.1	5758.4
27.5°	1655.6	1995.5	2373.4	2811.4	3407.4	3975.8	4422.8	4897.0	5208.4	5645.6	6028.5
25°	1823.1	2212.3	2640.2	3103.8	3647.5	4177.2	4639.5	5187.1	5521.5	5874.0	6231.2
22.5°	1998.8	2432.2	2915.5	3335.6	3849.8	4348.3	4898.7	5492.7	5927.5	6151.5	6391.4
20°	2182.5	2670.1	3185.6	3650.9	4049.6	4507.3	5159.0	5880.7	6442.1	6694.1	6727.1
17.5°	2363.5	2900.6	3454.8	3958.7	4388.6	4796.0	5432.3	6345.6	7043.6	7278.0	7382.2
15°	2540.0	3122.4	3722.7	4258.1	4730.0	5228.3	5907.8	6836.5	7634.6	7893.8	8057.9
12.5°	2710.4	3333.8	3986.1	4547.7	5071.8	5630.7	6339.5	7189.7	7918.2	8419.7	8720.6
10°	2872.7	3533.4	4241.8	4825.6	5409.7	6003.9	6696.8	7452.9	8045.8	8529.6	8956.7
7.5°	2954.6	3663.9	4461.5	5090.1	5739.0	6348.8	6989.4	7638.3	8137.7	8612.3	9025.2
5°	3010.3	3717.5	4530.2	5182.3	5914.0	6579.0	7200.8	7760.2	8197.8	8668.1	9071.4
2.5°	3050.1	3752.3	4576.6	5232.8	5979.8	6649.7	7261.7	7800.9	8247.3	8708.0	9121.1
0°	3074.1	3768.8	4600.4	5263.8	6020.9	6696.3	7297.1	7816.3	8280.2	8727.3	9171.9
-2.5°	3087.7	3819.2	4616.2	5343.5	6060.6	6736.4	7346.6	7853.5	8338.2	8763.6	9209.4
-5°	3086.0	3849.3	4612.0	5397.1	6079.7	6752.0	7371.4	7870.3	8369.7	8790.9	9224.6
-7.5°	3069.2	3856.3	4591.2	5413.9	6080.5	6746.7	7360.5	7878.3	8369.2	8815.8	9226.1
-10°	3039.3	3829.0	4572.0	5370.5	6057.1	6719.4	7327.3	7860.6	8349.6	8810.8	9218.1
-12.5°	3004.2	3772.8	4531.9	5307.9	6009.7	6668.3	7276.9	7815.6	8313.0	8773.0	9199.7
-15°	2951.3	3698.0	4466.1	5228.5	5937.6	6593.9	7211.4	7742.1	8256.6	8707.2	9145.1
-17.5°	2880.2	3605.4	4373.4	5134.2	5840.4	6496.9	7127.4	7645.1	8157.2	8622.7	9045.4
-20°	2790.7	3495.7	4253.1	5027.1	5717.0	6366.6	6977.4	7519.7	8028.4	8501.8	8946.1



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 CATALOG NUMBER: GFLD-SA5D-735-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2682.5	3369.5	4108.1	4882.4	5563.1	6205.3	6808.8	7359.8	7886.9	8344.8	8818.2
-25°	2574.1	3236.2	3947.9	4682.3	5384.3	6023.8	6629.1	7165.8	7704.6	8180.9	8630.5
-27.5°	2470.2	3081.5	3762.0	4461.9	5181.6	5818.1	6417.9	6955.1	7478.1	7998.9	8431.7
-30°	2353.7	2902.5	3558.1	4226.8	4928.3	5576.3	6180.6	6738.0	7235.7	7750.0	8214.8
-32.5°	2225.1	2712.6	3342.8	3986.0	4647.6	5309.9	5908.6	6462.2	6980.0	7466.4	7954.3
-35°	2099.3	2559.3	3114.7	3727.6	4350.1	4999.9	5599.0	6147.4	6684.7	7166.5	7632.8
-37.5°	1986.2	2393.2	2872.2	3457.7	4052.6	4667.2	5276.5	5807.3	6318.7	6848.5	7303.1
-40°	1863.8	2215.0	2662.2	3179.7	3740.3	4324.8	4908.3	5457.4	5938.2	6461.6	6961.7
-42.5°	1735.7	2069.8	2455.0	2885.4	3414.7	3965.7	4528.9	5066.1	5565.3	6059.2	6554.7
-45°	1623.4	1916.1	2244.2	2637.5	3068.4	3586.7	4119.9	4655.3	5134.4	5605.1	6094.4
-47.5°	1504.0	1761.6	2065.0	2379.1	2753.7	3187.0	3688.5	4182.3	4672.7	5120.5	5553.6
-50°	1385.1	1622.5	1871.9	2154.6	2463.7	2815.0	3231.5	3690.6	4138.5	4598.3	5027.2
-52.5°	1282.7	1476.2	1701.5	1937.5	2202.2	2492.8	2826.5	3203.5	3611.0	4001.1	4429.1
-55°	1176.3	1350.9	1532.7	1740.4	1960.7	2205.9	2479.5	2796.4	3107.3	3468.2	3817.5
-57.5°	1079.4	1226.5	1381.6	1553.1	1744.4	1940.8	2179.8	2426.4	2708.4	2988.9	3265.6
-60°	987.9	1108.2	1239.8	1385.0	1538.7	1713.4	1891.9	2103.6	2330.8	2554.6	2789.4
-62.5°	895.7	996.9	1104.2	1224.8	1358.8	1490.9	1643.2	1806.3	1973.5	2163.3	2348.4
-65°	801.0	882.8	973.7	1073.8	1180.8	1293.2	1410.2	1531.0	1673.2	1812.2	1946.8
-67.5°	700.3	770.3	843.9	922.7	1012.4	1100.7	1188.9	1290.9	1395.6	1498.5	1605.1
-70°	588.8	654.8	716.1	780.0	846.6	915.8	991.2	1066.0	1139.8	1216.9	1302.5
-72.5°	475.3	536.1	590.0	637.2	692.0	749.4	804.5	857.0	912.7	971.2	1029.2
-75°	379.1	419.2	467.4	511.4	554.9	595.4	631.7	676.3	722.8	765.3	800.3
-77.5°	295.9	332.4	365.3	394.8	429.5	470.1	505.4	535.8	565.3	597.5	631.6
-80°	215.3	245.6	275.6	302.9	322.8	345.8	372.9	403.9	430.8	452.6	472.5
-82.5°	139.0	160.9	183.2	205.9	215.2	221.5	227.4	238.2	254.8	271.3	287.0
-85°	69.3	75.6	89.2	103.2	108.0	111.4	113.8	115.0	120.7	125.9	130.4
-87.5°	34.7	37.8	41.0	44.1	42.5	40.2	37.4	34.1	33.3	32.3	31.0
-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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 CATALOG NUMBER: GFLD-SA5D-735-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.0	2.0	2.1	2.1	2.2	1.7	1.1	0.6	0.0	0.0	0.0
85°	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.2	2.2	1.7	1.2
82.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3
80°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
77.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
75°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
72.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
70°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
67.5°	2.6	2.4	2.4	2.4	2.5	2.4	2.4	2.4	2.4	2.1	1.5
65°	3.4	3.3	3.5	3.3	3.0	2.8	3.0	2.9	2.6	2.1	1.4
62.5°	6.0	6.8	5.4	5.3	5.2	5.1	4.8	4.6	4.3	4.1	4.2
60°	37.7	22.3	13.0	15.2	13.6	9.1	11.5	13.5	13.7	12.5	11.0
57.5°	208.9	156.0	115.5	275.8	276.6	132.0	159.0	250.0	205.9	67.6	62.8
55°	581.2	695.1	914.9	869.0	883.1	1015.8	1109.1	981.9	962.6	1025.7	1184.9
52.5°	1044.1	1152.8	1226.7	1295.8	1380.0	1470.5	1563.6	1622.9	1678.3	1737.4	1772.5
50°	1333.4	1486.4	1591.6	1552.8	1770.6	1859.7	1769.3	1850.2	1948.8	1975.8	1988.6
47.5°	1968.8	2193.3	2237.8	2382.5	2512.4	2509.6	2399.3	2405.7	2699.3	2958.4	3085.6
45°	2829.5	2837.1	2978.3	3233.6	3416.1	3358.7	3512.7	3862.9	3979.5	4092.3	4184.7
42.5°	3164.8	3303.7	3528.9	3754.7	3890.8	4008.9	4122.9	4251.6	4403.0	4525.8	4623.9
40°	3489.4	3601.4	3832.0	4013.9	4126.6	4236.8	4369.7	4512.3	4650.8	4758.7	4832.3
37.5°	3989.1	4076.0	4132.1	4300.9	4514.1	4415.7	4667.9	4848.7	4931.3	5040.8	5050.7
35°	4745.2	4687.4	4612.6	5284.6	5324.8	5097.9	5333.7	5614.0	5466.3	5773.9	5939.4
32.5°	5415.4	5406.7	5993.2	6346.5	6143.3	6309.2	6852.8	6828.7	7191.0	7359.2	7311.2
30°	6046.8	6262.2	6601.4	6864.5	6899.7	7161.3	7402.8	7614.3	7833.0	8029.1	8042.6
27.5°	6367.3	6648.4	6878.7	7030.9	7200.8	7421.0	7640.1	7878.2	8064.3	8187.3	8217.3
25°	6561.2	6848.4	7022.7	7186.6	7374.2	7564.1	7809.4	8068.8	8218.2	8294.0	8318.2
22.5°	6732.2	6990.2	7177.6	7310.6	7512.4	7716.8	7945.5	8165.1	8327.4	8360.5	8372.6
20°	6896.7	7144.7	7457.7	7653.4	7643.7	7873.9	8094.3	8269.0	8404.2	8403.5	8406.8
17.5°	7372.7	7461.3	8029.4	8460.6	8247.1	8134.5	8740.5	8752.0	8788.0	8716.4	8561.4
15°	8077.5	8238.7	8936.6	9404.2	9256.9	9249.2	10124.6	9907.5	10094.3	10045.4	10255.7
12.5°	8824.1	9014.9	9536.5	9995.6	10214.4	10268.1	10560.5	10834.5	10890.8	10868.5	10827.2
10°	9332.7	9604.5	9814.0	10092.7	10313.3	10538.4	10707.8	10904.5	10969.0	10931.7	10879.0
7.5°	9398.9	9667.6	9913.5	10158.0	10368.2	10549.6	10725.3	10885.4	10951.0	10929.4	10893.2
5°	9441.0	9684.4	9922.8	10170.9	10371.8	10539.9	10715.1	10877.3	10916.0	10889.9	10854.7
2.5°	9467.0	9692.3	9922.0	10169.1	10351.6	10511.6	10688.9	10862.0	10861.7	10850.3	10829.6
0°	9479.6	9705.5	9972.3	10195.8	10400.1	10551.5	10727.0	10895.2	10883.2	10852.0	10815.9
-2.5°	9506.5	9735.5	10007.8	10193.0	10423.4	10562.0	10743.4	10889.1	10883.5	10868.1	10850.2
-5°	9530.6	9788.1	10042.9	10237.6	10468.6	10649.9	10830.1	10944.0	10950.2	10928.8	10898.7
-7.5°	9545.3	9830.7	10073.7	10269.4	10493.4	10704.2	10887.1	11006.6	11009.3	10980.8	10944.9
-10°	9540.5	9841.8	10091.9	10294.1	10523.4	10731.7	10922.8	11074.5	11069.5	11042.4	11011.8
-12.5°	9522.5	9823.4	10080.2	10283.1	10543.5	10757.9	10972.9	11123.7	11131.7	11111.4	11078.2
-15°	9482.8	9793.5	10043.4	10264.9	10520.1	10770.8	10991.7	11158.0	11187.8	11171.1	11144.9
-17.5°	9404.5	9732.4	9997.4	10236.1	10480.9	10748.1	10999.4	11181.3	11221.9	11215.3	11193.5
-20°	9301.7	9640.1	9909.1	10159.2	10425.7	10700.9	10993.3	11159.6	11218.4	11222.2	11207.4



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 CATALOG NUMBER: GFLD-SA5D-735-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	9186.3	9517.5	9802.9	10048.7	10337.8	10616.3	10881.1	11075.8	11174.8	11193.1	11194.4
-25°	9047.8	9388.2	9671.8	9933.6	10202.4	10490.1	10757.7	10975.0	11075.3	11123.2	11138.1
-27.5°	8852.2	9204.0	9483.1	9759.8	10033.3	10330.5	10611.7	10848.0	10929.6	10995.5	11021.9
-30°	8623.1	8971.0	9255.5	9508.5	9821.4	10124.4	10414.6	10620.8	10743.8	10819.2	10860.3
-32.5°	8359.7	8710.9	9009.4	9273.6	9571.1	9874.0	10147.0	10364.5	10534.1	10621.0	10665.0
-35°	8074.0	8432.5	8745.1	9023.4	9303.4	9592.2	9875.1	10102.6	10295.8	10370.5	10425.6
-37.5°	7729.3	8125.0	8445.4	8732.4	8998.5	9269.9	9564.6	9824.7	10012.2	10084.7	10142.9
-40°	7376.0	7758.3	8081.6	8387.7	8650.7	8947.2	9231.0	9503.6	9666.3	9750.8	9816.7
-42.5°	7003.0	7348.3	7655.7	7953.1	8246.0	8551.1	8834.8	9118.0	9258.9	9360.7	9441.4
-45°	6572.3	6893.7	7192.4	7470.7	7772.6	8072.6	8356.4	8606.8	8774.4	8906.9	9010.1
-47.5°	5998.3	6389.7	6689.6	6954.3	7253.7	7543.1	7818.1	8053.6	8237.3	8392.4	8512.2
-50°	5415.2	5790.9	6129.1	6426.5	6704.2	6971.9	7233.7	7464.0	7658.5	7826.5	7947.9
-52.5°	4841.0	5193.0	5528.7	5835.7	6102.6	6355.2	6594.7	6826.4	7031.5	7211.2	7328.6
-55°	4192.1	4556.8	4888.8	5175.1	5441.9	5691.6	5928.1	6147.8	6349.6	6532.6	6645.1
-57.5°	3583.5	3903.3	4212.3	4476.6	4728.3	4966.2	5190.4	5400.8	5595.0	5767.2	5875.6
-60°	3023.9	3257.1	3523.0	3767.1	3990.3	4192.7	4401.9	4598.0	4776.5	4927.9	5029.0
-62.5°	2529.4	2722.7	2914.7	3100.2	3281.2	3463.2	3638.3	3800.9	3950.1	4074.1	4162.7
-65°	2088.8	2244.1	2382.9	2514.5	2639.9	2783.3	2916.5	3041.7	3157.7	3252.7	3320.2
-67.5°	1719.9	1829.1	1925.1	2015.3	2114.2	2215.6	2310.6	2393.4	2464.2	2520.6	2565.1
-70°	1387.0	1467.3	1539.7	1611.7	1683.8	1749.7	1812.6	1873.6	1931.4	1978.6	2014.0
-72.5°	1086.2	1141.1	1190.4	1245.8	1297.7	1347.8	1391.3	1426.4	1453.7	1480.3	1503.4
-75°	828.1	869.3	924.9	971.9	1010.7	1045.0	1076.5	1104.5	1129.1	1150.9	1170.1
-77.5°	666.1	701.1	736.4	770.7	803.8	828.5	851.4	874.2	896.7	916.0	933.1
-80°	493.7	519.8	547.1	574.6	602.0	615.6	626.4	636.5	645.4	656.9	667.7
-82.5°	301.8	316.6	331.8	347.2	362.6	366.4	367.8	367.4	365.4	361.2	354.9
-85°	134.3	135.1	134.7	133.2	130.6	125.3	118.8	111.3	102.8	101.5	99.9
-87.5°	29.6	28.9	28.1	27.2	26.1	26.1	25.9	25.8	25.5	26.4	27.2
-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: P645529 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-735-U-LAM-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
85°	0.6	0.0	0.0	0.0	0.0	0.0	0.6	1.2	1.7	2.2	2.2
82.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.3	2.4	2.4	2.4
80°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
77.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
75°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
72.5°	2.4	2.4	1.3	0.0	1.3	2.4	2.4	2.4	2.4	2.4	2.4
70°	2.4	2.4	1.3	0.0	1.3	2.4	2.4	2.4	2.4	2.4	2.4
67.5°	0.9	0.2	0.0	0.0	0.0	0.2	0.9	1.5	2.1	2.4	2.4
65°	0.8	0.1	0.0	0.0	0.0	0.1	0.8	1.4	2.1	2.6	2.9
62.5°	4.4	4.6	4.7	4.8	4.7	4.6	4.4	4.2	4.1	4.3	4.6
60°	8.7	5.7	4.8	4.8	4.8	5.7	8.7	11.0	12.5	13.7	13.5
57.5°	53.1	39.7	33.7	31.2	33.7	39.7	53.1	62.8	67.6	205.9	250.0
55°	1298.9	1365.1	1414.4	1437.3	1414.4	1365.1	1298.9	1184.9	1025.7	962.6	981.9
52.5°	1803.5	1832.3	1848.8	1848.3	1848.8	1832.3	1803.5	1772.5	1737.4	1678.3	1622.9
50°	2010.3	2024.2	2029.2	2026.2	2029.2	2024.2	2010.3	1988.6	1975.8	1948.8	1850.2
47.5°	2969.4	2712.4	2523.4	2478.0	2523.4	2712.4	2969.4	3085.6	2958.4	2699.3	2405.7
45°	4229.0	4326.5	4423.6	4453.8	4423.6	4326.5	4229.0	4184.7	4092.3	3979.5	3862.9
42.5°	4665.3	4697.1	4715.0	4715.7	4715.0	4697.1	4665.3	4623.9	4525.8	4403.0	4251.6
40°	4873.5	4903.5	4920.9	4922.4	4920.9	4903.5	4873.5	4832.3	4758.7	4650.8	4512.3
37.5°	5062.6	5088.1	5104.9	5121.9	5104.9	5088.1	5062.6	5050.7	5040.8	4931.3	4848.7
35°	5917.1	5723.5	5445.1	5487.3	5445.1	5723.5	5917.1	5939.4	5773.9	5466.3	5614.0
32.5°	7386.2	7467.5	7518.3	7604.8	7518.3	7467.5	7386.2	7311.2	7359.2	7191.0	6828.7
30°	8064.0	8090.9	8131.6	8174.4	8131.6	8090.9	8064.0	8042.6	8029.1	7833.0	7614.3
27.5°	8233.2	8261.0	8285.7	8304.2	8285.7	8261.0	8233.2	8217.3	8187.3	8064.3	7878.2
25°	8321.7	8339.0	8365.3	8388.4	8365.3	8339.0	8321.7	8318.2	8294.0	8218.2	8068.8
22.5°	8365.6	8367.4	8388.0	8417.2	8388.0	8367.4	8365.6	8372.6	8360.5	8327.4	8165.1
20°	8395.8	8379.4	8400.7	8419.6	8400.7	8379.4	8395.8	8406.8	8403.5	8404.2	8269.0
17.5°	8780.1	8560.8	8470.8	8472.5	8470.8	8560.8	8780.1	8561.4	8716.4	8788.0	8752.0
15°	10019.7	10102.0	10417.3	10587.6	10417.3	10102.0	10019.7	10255.7	10045.4	10094.3	9907.5
12.5°	10819.6	10790.3	10752.9	10803.9	10752.9	10790.3	10819.6	10827.2	10868.5	10890.8	10834.5
10°	10856.7	10853.3	10786.6	10859.2	10786.6	10853.3	10856.7	10879.0	10931.7	10969.0	10904.5
7.5°	10833.9	10835.9	10807.6	10878.4	10807.6	10835.9	10833.9	10893.2	10929.4	10951.0	10885.4
5°	10849.0	10800.1	10818.6	10859.2	10818.6	10800.1	10849.0	10854.7	10889.9	10916.0	10877.3
2.5°	10807.0	10801.9	10765.9	10794.3	10765.9	10801.9	10807.0	10829.6	10850.3	10861.7	10862.0
0°	10775.1	10748.6	10748.6	10772.7	10748.6	10748.6	10775.1	10815.9	10852.0	10883.2	10895.2
-2.5°	10831.9	10826.3	10822.9	10806.3	10822.9	10826.3	10831.9	10850.2	10868.1	10883.5	10889.1
-5°	10878.7	10864.4	10825.0	10878.4	10825.0	10864.4	10878.7	10898.7	10928.8	10950.2	10944.0
-7.5°	10928.9	10892.4	10855.1	10938.5	10855.1	10892.4	10928.9	10944.9	10980.8	11009.3	11006.6
-10°	10974.9	10922.1	10885.7	10967.4	10885.7	10922.1	10974.9	11011.8	11042.4	11069.5	11074.5
-12.5°	11035.5	10973.8	10949.5	10993.8	10949.5	10973.8	11035.5	11078.2	11111.4	11131.7	11123.7
-15°	11100.2	11057.5	11051.8	11077.9	11051.8	11057.5	11100.2	11144.9	11171.1	11187.8	11158.0
-17.5°	11157.1	11127.1	11141.9	11171.7	11141.9	11127.1	11157.1	11193.5	11215.3	11221.9	11181.3
-20°	11184.2	11167.4	11184.1	11258.2	11184.1	11167.4	11184.2	11207.4	11222.2	11218.4	11159.6



REPORT NUMBER: P645529 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-735-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	11181.9	11182.9	11212.3	11236.5	11212.3	11182.9	11181.9	11194.4	11193.1	11174.8	11075.8
-25°	11139.2	11161.7	11195.4	11243.8	11195.4	11161.7	11139.2	11138.1	11123.2	11075.3	10975.0
-27.5°	11036.3	11073.6	11108.9	11159.6	11108.9	11073.6	11036.3	11021.9	10995.5	10929.6	10848.0
-30°	10887.5	10931.9	10963.4	11017.8	10963.4	10931.9	10887.5	10860.3	10819.2	10743.8	10620.8
-32.5°	10706.5	10756.7	10793.9	10832.8	10793.9	10756.7	10706.5	10665.0	10621.0	10534.1	10364.5
-35°	10480.1	10534.3	10573.8	10609.2	10573.8	10534.3	10480.1	10425.6	10370.5	10295.8	10102.6
-37.5°	10208.2	10266.5	10311.6	10352.0	10311.6	10266.5	10208.2	10142.9	10084.7	10012.2	9824.7
-40°	9891.4	9951.2	9999.3	10044.4	9999.3	9951.2	9891.4	9816.7	9750.8	9666.3	9503.6
-42.5°	9520.9	9581.4	9631.0	9676.7	9631.0	9581.4	9520.9	9441.4	9360.7	9258.9	9118.0
-45°	9093.2	9155.4	9207.9	9256.0	9207.9	9155.4	9093.2	9010.1	8906.9	8774.4	8606.8
-47.5°	8600.5	8667.0	8711.9	8734.5	8711.9	8667.0	8600.5	8512.2	8392.4	8237.3	8053.6
-50°	8035.8	8102.3	8156.3	8196.1	8156.3	8102.3	8035.8	7947.9	7826.5	7658.5	7464.0
-52.5°	7414.3	7477.5	7523.9	7551.9	7523.9	7477.5	7414.3	7328.6	7211.2	7031.5	6826.4
-55°	6733.6	6799.9	6843.9	6864.5	6843.9	6799.9	6733.6	6645.1	6532.6	6349.6	6147.8
-57.5°	5961.6	6024.6	6071.4	6097.8	6071.4	6024.6	5961.6	5875.6	5767.2	5595.0	5400.8
-60°	5107.7	5164.0	5199.5	5213.3	5199.5	5164.0	5107.7	5029.0	4927.9	4776.5	4598.0
-62.5°	4234.1	4287.4	4320.7	4333.6	4320.7	4287.4	4234.1	4162.7	4074.1	3950.1	3800.9
-65°	3370.5	3404.0	3422.4	3425.0	3422.4	3404.0	3370.5	3320.2	3252.7	3157.7	3041.7
-67.5°	2600.2	2625.7	2641.1	2646.3	2641.1	2625.7	2600.2	2565.1	2520.6	2464.2	2393.4
-70°	2040.3	2057.9	2067.7	2069.4	2067.7	2057.9	2040.3	2014.0	1978.6	1931.4	1873.6
-72.5°	1521.2	1533.8	1529.3	1519.0	1529.3	1533.8	1521.2	1503.4	1480.3	1453.7	1426.4
-75°	1186.7	1200.5	1194.7	1184.9	1194.7	1200.5	1186.7	1170.1	1150.9	1129.1	1104.5
-77.5°	948.0	960.6	954.4	944.6	954.4	960.6	948.0	933.1	916.0	896.7	874.2
-80°	677.0	684.4	689.6	692.2	689.6	684.4	677.0	667.7	656.9	645.4	636.5
-82.5°	346.5	336.3	329.9	322.1	329.9	336.3	346.5	354.9	361.2	365.4	367.4
-85°	97.9	95.6	97.2	98.5	97.2	95.6	97.9	99.9	101.5	102.8	111.3
-87.5°	28.0	28.7	28.8	28.8	28.8	28.7	28.0	27.2	26.4	25.5	25.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645529 (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°	1.1	1.7	2.2	2.1	2.1	2.0	2.0	1.9	1.8	1.8	1.7
85°	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
82.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
80°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
77.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
75°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
72.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
70°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.7
67.5°	2.4	2.4	2.5	2.4	2.4	2.4	2.6	2.5	2.4	2.4	2.9
65°	3.0	2.8	3.0	3.3	3.5	3.3	3.4	3.5	3.4	3.3	3.1
62.5°	4.8	5.1	5.2	5.3	5.4	6.8	6.0	6.1	5.7	6.9	9.3
60°	11.5	9.1	13.6	15.2	13.0	22.3	37.7	34.0	10.0	54.4	62.8
57.5°	159.0	132.0	276.6	275.8	115.5	156.0	208.9	137.6	90.0	154.1	203.6
55°	1109.1	1015.8	883.1	869.0	914.9	695.1	581.2	559.3	437.8	284.6	338.0
52.5°	1563.6	1470.5	1380.0	1295.8	1226.7	1152.8	1044.1	926.7	889.2	716.0	552.1
50°	1769.3	1859.7	1770.6	1552.8	1591.6	1486.4	1333.4	1208.5	1234.2	1128.2	909.6
47.5°	2399.3	2509.6	2512.4	2382.5	2237.8	2193.3	1968.8	1578.9	1605.1	1600.5	1369.0
45°	3512.7	3358.7	3416.1	3233.6	2978.3	2837.1	2829.5	2412.4	2026.1	1963.3	1940.9
42.5°	4122.9	4008.9	3890.8	3754.7	3528.9	3303.7	3164.8	2930.1	2619.5	2344.6	2247.0
40°	4369.7	4236.8	4126.6	4013.9	3832.0	3601.4	3489.4	3181.4	2947.9	2709.9	2630.6
37.5°	4667.9	4415.7	4514.1	4300.9	4132.1	4076.0	3989.1	3668.4	3151.0	3107.5	3067.4
35°	5333.7	5097.9	5324.8	5284.6	4612.6	4687.4	4745.2	4351.1	3809.3	3515.5	3521.9
32.5°	6852.8	6309.2	6143.3	6346.5	5993.2	5406.7	5415.4	5295.4	4555.8	4128.3	3941.3
30°	7402.8	7161.3	6899.7	6864.5	6601.4	6262.2	6046.8	5758.4	5220.1	4732.3	4411.7
27.5°	7640.1	7421.0	7200.8	7030.9	6878.7	6648.4	6367.3	6028.5	5645.6	5208.4	4897.0
25°	7809.4	7564.1	7374.2	7186.6	7022.7	6848.4	6561.2	6231.2	5874.0	5521.5	5187.1
22.5°	7945.5	7716.8	7512.4	7310.6	7177.6	6990.2	6732.2	6391.4	6151.5	5927.5	5492.7
20°	8094.3	7873.9	7643.7	7653.4	7457.7	7144.7	6896.7	6727.1	6694.1	6442.1	5880.7
17.5°	8740.5	8134.5	8247.1	8460.6	8029.4	7461.3	7372.7	7382.2	7278.0	7043.6	6345.6
15°	10124.6	9249.2	9256.9	9404.2	8936.6	8238.7	8077.5	8057.9	7893.8	7634.6	6836.5
12.5°	10560.5	10268.1	10214.4	9995.6	9536.5	9014.9	8824.1	8720.6	8419.7	7918.2	7189.7
10°	10707.8	10538.4	10313.3	10092.7	9814.0	9604.5	9332.7	8956.7	8529.6	8045.8	7452.9
7.5°	10725.3	10549.6	10368.2	10158.0	9913.5	9667.6	9398.9	9025.2	8612.3	8137.7	7638.3
5°	10715.1	10539.9	10371.8	10170.9	9922.8	9684.4	9441.0	9071.4	8668.1	8197.8	7760.2
2.5°	10688.9	10511.6	10351.6	10169.1	9922.0	9692.3	9467.0	9121.1	8708.0	8247.3	7800.9
0°	10727.0	10551.5	10400.1	10195.8	9972.3	9705.5	9479.6	9171.9	8727.3	8280.2	7816.3
-2.5°	10743.4	10562.0	10423.4	10193.0	10007.8	9735.5	9506.5	9209.4	8763.6	8338.2	7853.5
-5°	10830.1	10649.9	10468.6	10237.6	10042.9	9788.1	9530.6	9224.6	8790.9	8369.7	7870.3
-7.5°	10887.1	10704.2	10493.4	10269.4	10073.7	9830.7	9545.3	9226.1	8815.8	8369.2	7878.3
-10°	10922.8	10731.7	10523.4	10294.1	10091.9	9841.8	9540.5	9218.1	8810.8	8349.6	7860.6
-12.5°	10972.9	10757.9	10543.5	10283.1	10080.2	9823.4	9522.5	9199.7	8773.0	8313.0	7815.6
-15°	10991.7	10770.8	10520.1	10264.9	10043.4	9793.5	9482.8	9145.1	8707.2	8256.6	7742.1
-17.5°	10999.4	10748.1	10480.9	10236.1	9997.4	9732.4	9404.5	9045.4	8622.7	8157.2	7645.1
-20°	10993.3	10700.9	10425.7	10159.2	9909.1	9640.1	9301.7	8946.1	8501.8	8028.4	7519.7



REPORT NUMBER: P645529 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-735-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	10881.1	10616.3	10337.8	10048.7	9802.9	9517.5	9186.3	8818.2	8344.8	7886.9	7359.8
-25°	10757.7	10490.1	10202.4	9933.6	9671.8	9388.2	9047.8	8630.5	8180.9	7704.6	7165.8
-27.5°	10611.7	10330.5	10033.3	9759.8	9483.1	9204.0	8852.2	8431.7	7998.9	7478.1	6955.1
-30°	10414.6	10124.4	9821.4	9508.5	9255.5	8971.0	8623.1	8214.8	7750.0	7235.7	6738.0
-32.5°	10147.0	9874.0	9571.1	9273.6	9009.4	8710.9	8359.7	7954.3	7466.4	6980.0	6462.2
-35°	9875.1	9592.2	9303.4	9023.4	8745.1	8432.5	8074.0	7632.8	7166.5	6684.7	6147.4
-37.5°	9564.6	9269.9	8998.5	8732.4	8445.4	8125.0	7729.3	7303.1	6848.5	6318.7	5807.3
-40°	9231.0	8947.2	8650.7	8387.7	8081.6	7758.3	7376.0	6961.7	6461.6	5938.2	5457.4
-42.5°	8834.8	8551.1	8246.0	7953.1	7655.7	7348.3	7003.0	6554.7	6059.2	5565.3	5066.1
-45°	8356.4	8072.6	7772.6	7470.7	7192.4	6893.7	6572.3	6094.4	5605.1	5134.4	4655.3
-47.5°	7818.1	7543.1	7253.7	6954.3	6689.6	6389.7	5998.3	5553.6	5120.5	4672.7	4182.3
-50°	7233.7	6971.9	6704.2	6426.5	6129.1	5790.9	5415.2	5027.2	4598.3	4138.5	3690.6
-52.5°	6594.7	6355.2	6102.6	5835.7	5528.7	5193.0	4841.0	4429.1	4001.1	3611.0	3203.5
-55°	5928.1	5691.6	5441.9	5175.1	4888.8	4556.8	4192.1	3817.5	3468.2	3107.3	2796.4
-57.5°	5190.4	4966.2	4728.3	4476.6	4212.3	3903.3	3583.5	3265.6	2988.9	2708.4	2426.4
-60°	4401.9	4192.7	3990.3	3767.1	3523.0	3257.1	3023.9	2789.4	2554.6	2330.8	2103.6
-62.5°	3638.3	3463.2	3281.2	3100.2	2914.7	2722.7	2529.4	2348.4	2163.3	1973.5	1806.3
-65°	2916.5	2783.3	2639.9	2514.5	2382.9	2244.1	2088.8	1946.8	1812.2	1673.2	1531.0
-67.5°	2310.6	2215.6	2114.2	2015.3	1925.1	1829.1	1719.9	1605.1	1498.5	1395.6	1290.9
-70°	1812.6	1749.7	1683.8	1611.7	1539.7	1467.3	1387.0	1302.5	1216.9	1139.8	1066.0
-72.5°	1391.3	1347.8	1297.7	1245.8	1190.4	1141.1	1086.2	1029.2	971.2	912.7	857.0
-75°	1076.5	1045.0	1010.7	971.9	924.9	869.3	828.1	800.3	765.3	722.8	676.3
-77.5°	851.4	828.5	803.8	770.7	736.4	701.1	666.1	631.6	597.5	565.3	535.8
-80°	626.4	615.6	602.0	574.6	547.1	519.8	493.7	472.5	452.6	430.8	403.9
-82.5°	367.8	366.4	362.6	347.2	331.8	316.6	301.8	287.0	271.3	254.8	238.2
-85°	118.8	125.3	130.6	133.2	134.7	135.1	134.3	130.4	125.9	120.7	115.0
-87.5°	25.9	26.1	26.1	27.2	28.1	28.9	29.6	31.0	32.3	33.3	34.1
-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: P645529 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-735-U-LAM-VSR-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°	1.6	1.5	1.5	1.4	1.3	1.2	1.1	1.0	1.1	1.2	1.3
85°	2.4	2.4	2.4	2.4	2.4	2.4	2.2	2.0	2.3	2.5	2.5
82.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	3.0	3.6	3.8
80°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.5	3.1	3.7	4.3
77.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.5	3.1	3.7	4.3
75°	2.4	2.4	2.4	2.5	2.6	2.4	2.4	2.6	3.2	3.8	4.3
72.5°	2.4	2.4	2.4	2.7	3.0	3.1	2.8	2.6	3.2	3.8	4.4
70°	2.8	2.5	2.4	2.8	3.4	3.9	3.8	3.8	3.3	3.9	4.4
67.5°	3.5	3.6	3.3	3.3	3.5	4.1	4.6	5.4	5.3	4.0	4.5
65°	3.7	4.3	5.0	6.8	6.0	4.2	4.7	9.4	7.5	6.4	4.6
62.5°	7.9	4.4	15.2	20.3	11.5	9.0	7.2	20.9	13.1	8.9	6.4
60°	18.9	15.4	42.4	67.9	47.3	15.9	23.4	36.3	33.4	11.5	9.1
57.5°	176.3	60.6	87.8	127.0	124.7	67.7	49.3	65.9	56.7	32.7	12.8
55°	376.3	316.7	209.1	191.5	206.9	167.0	108.7	106.6	87.5	60.6	20.7
52.5°	516.2	538.7	468.9	327.6	285.3	271.8	212.3	154.7	137.3	91.0	52.6
50°	747.3	695.9	688.9	578.3	400.0	362.1	313.4	241.6	192.7	130.2	89.0
47.5°	1055.7	927.3	859.3	809.6	638.2	461.6	411.1	330.5	253.8	187.5	127.0
45°	1508.7	1198.6	1067.0	986.4	874.6	649.1	514.5	416.8	330.8	251.7	166.8
42.5°	1963.5	1549.8	1304.1	1174.0	1057.7	860.9	625.0	516.2	405.8	317.1	217.4
40°	2365.0	1911.8	1553.5	1386.1	1237.5	1065.5	804.0	622.7	479.3	384.4	274.8
37.5°	2848.3	2324.0	1840.4	1608.3	1429.1	1236.4	985.6	733.8	567.7	455.0	332.4
35°	3315.9	2857.7	2161.4	1876.9	1642.3	1411.6	1160.6	865.2	676.2	526.7	390.0
32.5°	3818.0	3359.5	2646.2	2176.7	1863.0	1590.7	1324.1	1025.0	785.3	599.2	447.3
30°	4213.3	3689.9	3071.7	2476.9	2103.1	1790.6	1487.4	1178.4	894.7	672.5	505.2
27.5°	4422.8	3975.8	3407.4	2811.4	2373.4	1995.5	1655.6	1324.9	1004.0	752.9	565.5
25°	4639.5	4177.2	3647.5	3103.8	2640.2	2212.3	1823.1	1464.6	1123.3	843.7	625.1
22.5°	4898.7	4348.3	3849.8	3335.6	2915.5	2432.2	1998.8	1606.0	1242.6	932.7	683.8
20°	5159.0	4507.3	4049.6	3650.9	3185.6	2670.1	2182.5	1744.0	1355.1	1019.4	741.2
17.5°	5432.3	4796.0	4388.6	3958.7	3454.8	2900.6	2363.5	1877.6	1460.7	1103.3	797.0
15°	5907.8	5228.3	4730.0	4258.1	3722.7	3122.4	2540.0	2006.1	1559.2	1183.9	848.9
12.5°	6339.5	5630.7	5071.8	4547.7	3986.1	3333.8	2710.4	2128.2	1650.4	1248.2	895.1
10°	6696.8	6003.9	5409.7	4825.6	4241.8	3533.4	2872.7	2227.8	1705.2	1296.2	937.7
7.5°	6989.4	6348.8	5739.0	5090.1	4461.5	3663.9	2954.6	2285.8	1747.5	1337.1	976.5
5°	7200.8	6579.0	5914.0	5182.3	4530.2	3717.5	3010.3	2333.0	1781.7	1371.2	1011.5
2.5°	7261.7	6649.7	5979.8	5232.8	4576.6	3752.3	3050.1	2369.1	1808.0	1398.8	1042.6
0°	7297.1	6696.3	6020.9	5263.8	4600.4	3768.8	3074.1	2393.9	1826.7	1420.5	1069.6
-2.5°	7346.6	6736.4	6060.6	5343.5	4616.2	3819.2	3087.7	2410.1	1850.3	1428.3	1085.3
-5°	7371.4	6752.0	6079.7	5397.1	4612.0	3849.3	3086.0	2415.2	1865.6	1431.0	1096.9
-7.5°	7360.5	6746.7	6080.5	5413.9	4591.2	3856.3	3069.2	2409.9	1871.8	1429.0	1104.1
-10°	7327.3	6719.4	6057.1	5370.5	4572.0	3829.0	3039.3	2394.6	1868.1	1422.9	1106.8
-12.5°	7276.9	6668.3	6009.7	5307.9	4531.9	3772.8	3004.2	2368.3	1853.1	1413.0	1104.9
-15°	7211.4	6593.9	5937.6	5228.5	4466.1	3698.0	2951.3	2330.2	1823.7	1401.8	1098.4
-17.5°	7127.4	6496.9	5840.4	5134.2	4373.4	3605.4	2880.2	2280.5	1787.0	1388.2	1085.2
-20°	6977.4	6366.6	5717.0	5027.1	4253.1	3495.7	2790.7	2219.4	1743.2	1368.8	1066.3

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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°	6808.8	6205.3	5563.1	4882.4	4108.1	3369.5	2682.5	2146.7	1692.8	1343.5	1043.6
-25°	6629.1	6023.8	5384.3	4682.3	3947.9	3236.2	2574.1	2062.5	1636.0	1312.3	1017.2
-27.5°	6417.9	5818.1	5181.6	4461.9	3762.0	3081.5	2470.2	1988.0	1581.0	1275.1	987.3
-30°	6180.6	5576.3	4928.3	4226.8	3558.1	2902.5	2353.7	1908.4	1534.5	1234.4	953.9
-32.5°	5908.6	5309.9	4647.6	3986.0	3342.8	2712.6	2225.1	1823.3	1480.7	1191.3	923.0
-35°	5599.0	4999.9	4350.1	3727.6	3114.7	2559.3	2099.3	1732.9	1419.8	1144.6	890.5
-37.5°	5276.5	4667.2	4052.6	3457.7	2872.2	2393.2	1986.2	1643.7	1351.7	1094.6	854.6
-40°	4908.3	4324.8	3740.3	3179.7	2662.2	2215.0	1863.8	1555.6	1287.4	1041.5	815.2
-42.5°	4528.9	3965.7	3414.7	2885.4	2455.0	2069.8	1735.7	1460.8	1219.5	990.1	772.6
-45°	4119.9	3586.7	3068.4	2637.5	2244.2	1916.1	1623.4	1362.5	1147.1	937.5	728.5
-47.5°	3688.5	3187.0	2753.7	2379.1	2065.0	1761.6	1504.0	1277.5	1071.1	881.2	684.4
-50°	3231.5	2815.0	2463.7	2154.6	1871.9	1622.5	1385.1	1188.5	1001.3	818.9	638.1
-52.5°	2826.5	2492.8	2202.2	1937.5	1701.5	1476.2	1282.7	1097.2	929.5	759.3	589.7
-55°	2479.5	2205.9	1960.7	1740.4	1532.7	1350.9	1176.3	1016.1	855.7	699.5	540.7
-57.5°	2179.8	1940.8	1744.4	1553.1	1381.6	1226.5	1079.4	933.2	785.0	637.7	501.8
-60°	1891.9	1713.4	1538.7	1385.0	1239.8	1108.2	987.9	850.4	713.5	575.8	458.8
-62.5°	1643.2	1490.9	1358.8	1224.8	1104.2	996.9	895.7	769.3	640.1	518.6	412.1
-65°	1410.2	1293.2	1180.8	1073.8	973.7	882.8	801.0	686.3	566.4	457.9	363.5
-67.5°	1188.9	1100.7	1012.4	922.7	843.9	770.3	700.3	596.7	489.5	394.1	315.4
-70°	991.2	915.8	846.6	780.0	716.1	654.8	588.8	501.3	409.1	336.9	266.1
-72.5°	804.5	749.4	692.0	637.2	590.0	536.1	475.3	407.1	342.5	278.7	215.7
-75°	631.7	595.4	554.9	511.4	467.4	419.2	379.1	331.4	275.1	219.4	173.9
-77.5°	505.4	470.1	429.5	394.8	365.3	332.4	295.9	254.5	209.8	170.6	134.4
-80°	372.9	345.8	322.8	302.9	275.6	245.6	215.3	185.1	152.5	122.2	94.2
-82.5°	227.4	221.5	215.2	205.9	183.2	160.9	139.0	117.5	94.4	73.0	60.4
-85°	113.8	111.4	108.0	103.2	89.2	75.6	69.3	62.8	55.1	47.6	40.4
-87.5°	37.4	40.2	42.5	44.1	41.0	37.8	34.7	31.5	27.6	23.8	20.2
-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°	1.2	1.0	0.8	0.6	0.4	0.3	0.0
85°	2.5	2.1	1.7	1.3	0.8	0.5	0.0
82.5°	3.7	3.1	2.5	1.9	1.3	0.8	0.0
80°	4.8	4.1	3.3	2.5	1.7	1.0	0.0
77.5°	4.8	4.8	4.1	3.1	2.1	1.3	0.0
75°	4.9	5.0	4.8	3.7	2.5	1.6	0.0
72.5°	4.9	5.2	5.1	4.3	2.9	1.8	0.0
70°	5.1	5.3	5.3	4.8	3.4	2.1	0.0
67.5°	5.6	5.5	5.5	5.1	3.8	2.3	0.0
65°	6.5	6.4	5.8	5.3	4.2	2.6	0.0
62.5°	7.5	7.9	6.0	5.6	4.7	2.8	0.0
60°	8.9	9.6	6.3	5.8	5.1	3.1	0.0
57.5°	16.4	11.5	8.1	6.1	5.4	3.3	0.0
55°	26.2	13.6	10.2	6.3	5.6	3.6	0.0
52.5°	37.6	17.5	12.3	6.6	5.9	3.8	0.0
50°	50.7	29.8	14.5	6.9	6.2	4.0	0.0
47.5°	68.2	43.1	16.8	7.5	6.5	4.3	0.0
45°	102.8	57.3	19.1	9.3	6.8	4.5	0.0
42.5°	138.4	72.5	21.6	11.2	7.1	4.7	0.0
40°	174.7	88.5	29.1	13.5	7.4	4.9	0.0
37.5°	211.7	105.3	41.6	16.4	7.7	5.1	0.0
35°	249.3	130.9	54.4	19.6	8.0	5.3	0.0
32.5°	290.0	160.5	67.3	23.1	8.3	5.5	0.0
30°	336.6	189.9	80.3	26.9	8.6	5.7	0.0
27.5°	382.3	219.0	96.3	31.0	8.9	5.9	0.0
25°	426.9	247.5	112.8	35.3	9.3	6.1	0.0
22.5°	470.1	276.7	129.2	39.7	9.6	6.2	0.0
20°	512.0	308.0	145.4	44.3	9.9	6.4	0.0
17.5°	553.3	338.3	161.4	49.0	10.2	6.5	0.0
15°	593.1	367.3	177.0	53.7	10.5	6.7	0.0
12.5°	630.3	395.1	192.1	58.3	10.8	6.8	0.0
10°	664.8	421.3	206.5	62.9	11.0	6.9	0.0
7.5°	696.5	445.8	220.1	67.4	11.3	7.0	0.0
5°	725.3	468.4	232.8	71.6	11.5	7.1	0.0
2.5°	751.1	488.9	244.4	75.6	11.8	7.1	0.0
0°	773.9	507.1	254.8	79.3	12.0	7.2	0.0
-2.5°	785.2	518.7	264.5	84.5	13.9	7.6	0.0
-5°	793.5	527.8	272.7	89.2	15.7	8.0	0.0
-7.5°	798.8	534.4	279.4	93.5	17.5	8.4	0.0
-10°	801.2	538.6	284.5	97.2	19.3	8.7	0.0
-12.5°	800.8	540.3	287.9	100.3	20.9	9.1	0.0
-15°	797.7	539.5	289.6	102.7	22.5	9.4	0.0
-17.5°	791.8	536.3	289.4	104.5	23.9	9.6	0.0
-20°	782.8	530.6	287.3	105.6	25.3	9.9	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	769.7	522.5	283.2	105.9	26.5	10.0	0.0
-25°	753.6	509.9	277.2	105.4	27.5	10.2	0.0
-27.5°	734.4	494.3	269.1	104.1	28.4	10.3	0.0
-30°	712.3	476.5	259.0	102.0	29.2	10.4	0.0
-32.5°	687.2	456.5	247.2	99.0	29.7	10.4	0.0
-35°	660.0	434.5	234.1	95.1	30.1	10.4	0.0
-37.5°	630.8	412.4	219.7	90.4	30.3	10.3	0.0
-40°	599.3	392.4	204.0	84.7	30.4	10.2	0.0
-42.5°	565.7	370.9	192.1	78.7	30.2	10.1	0.0
-45°	529.9	348.1	184.0	72.5	29.8	9.9	0.0
-47.5°	492.1	323.9	174.4	65.5	29.3	9.6	0.0
-50°	460.5	298.5	163.3	63.1	28.5	9.4	0.0
-52.5°	428.9	271.9	150.9	61.9	27.6	9.0	0.0
-55°	396.0	251.7	137.1	59.9	26.5	8.6	0.0
-57.5°	361.9	231.2	122.0	57.3	25.3	8.2	0.0
-60°	327.3	208.9	106.1	54.1	23.8	7.8	0.0
-62.5°	295.8	184.8	98.6	50.2	22.4	7.3	0.0
-65°	261.9	159.0	90.0	45.8	20.8	6.7	0.0
-67.5°	225.9	137.5	80.4	40.9	19.1	6.1	0.0
-70°	188.0	120.3	69.9	35.5	17.3	5.5	0.0
-72.5°	159.0	101.8	58.7	31.2	15.3	4.9	0.0
-75°	130.0	82.3	46.7	27.1	13.3	4.3	0.0
-77.5°	99.5	61.7	38.6	22.9	11.2	3.6	0.0
-80°	67.9	47.0	31.2	18.5	9.1	2.9	0.0
-82.5°	49.9	35.5	23.5	14.0	6.8	2.2	0.0
-85°	33.4	23.8	15.8	9.4	4.6	1.5	0.0
-87.5°	16.8	12.0	7.9	4.7	2.3	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)