

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: P645565 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA6C-735-U-LAM-VSR-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645565 (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-SA6C-735-U-LAM-VSR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, LAMBERTIAN WITH VISOR
Light Source: (96) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

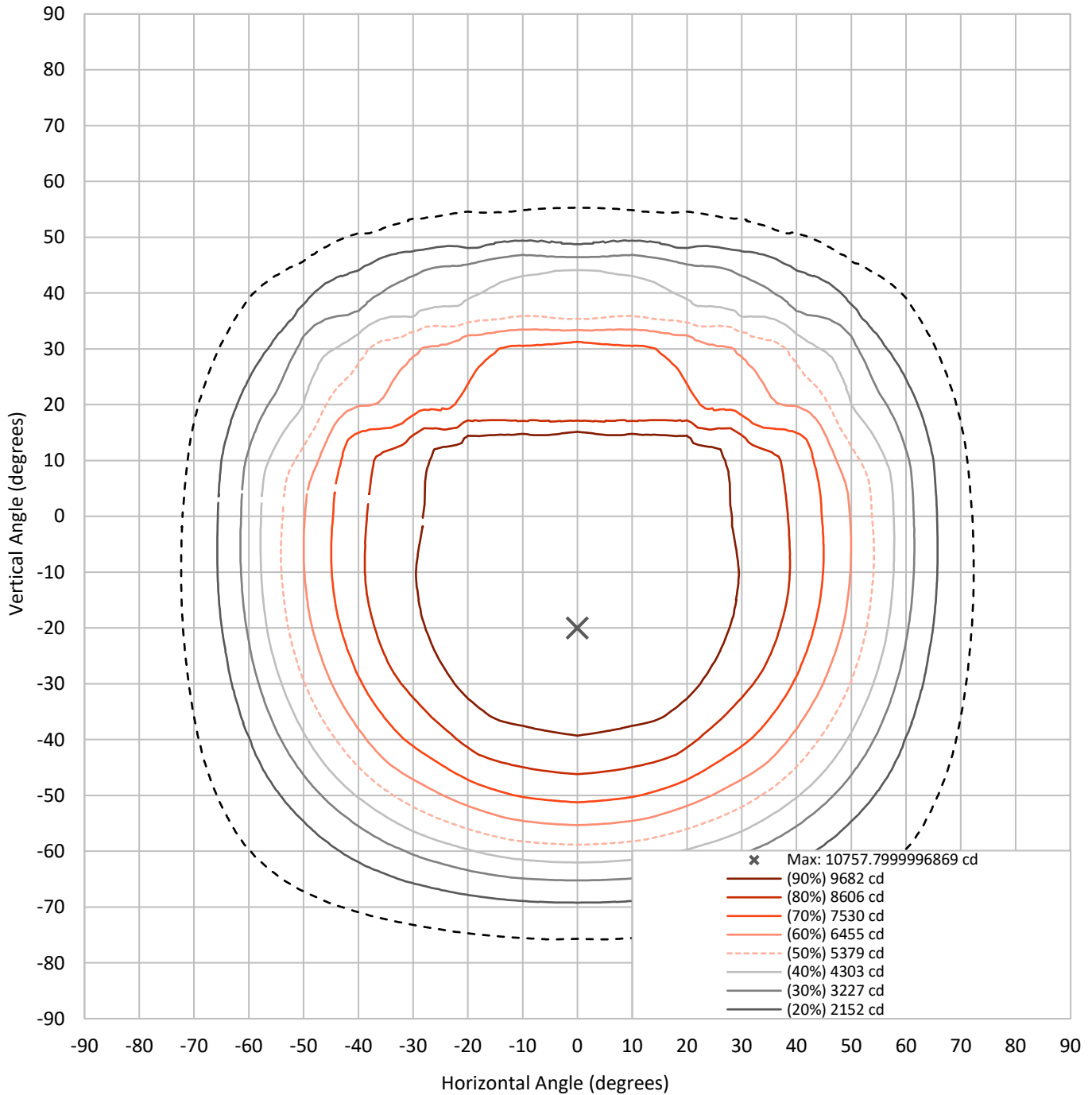
Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	25224.9 lumens	Max Intensity:	10757.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	101.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	105.6°H x 93.7°V	Field Angle (10%):	144°H x 131.2°V
Beam Lumens:	19719.3 lumens	Field Lumens:	24723.9 lumens
Beam Efficiency:	78.2%	Field Efficiency:	98.0%
Input Watts (W):	247.5		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		





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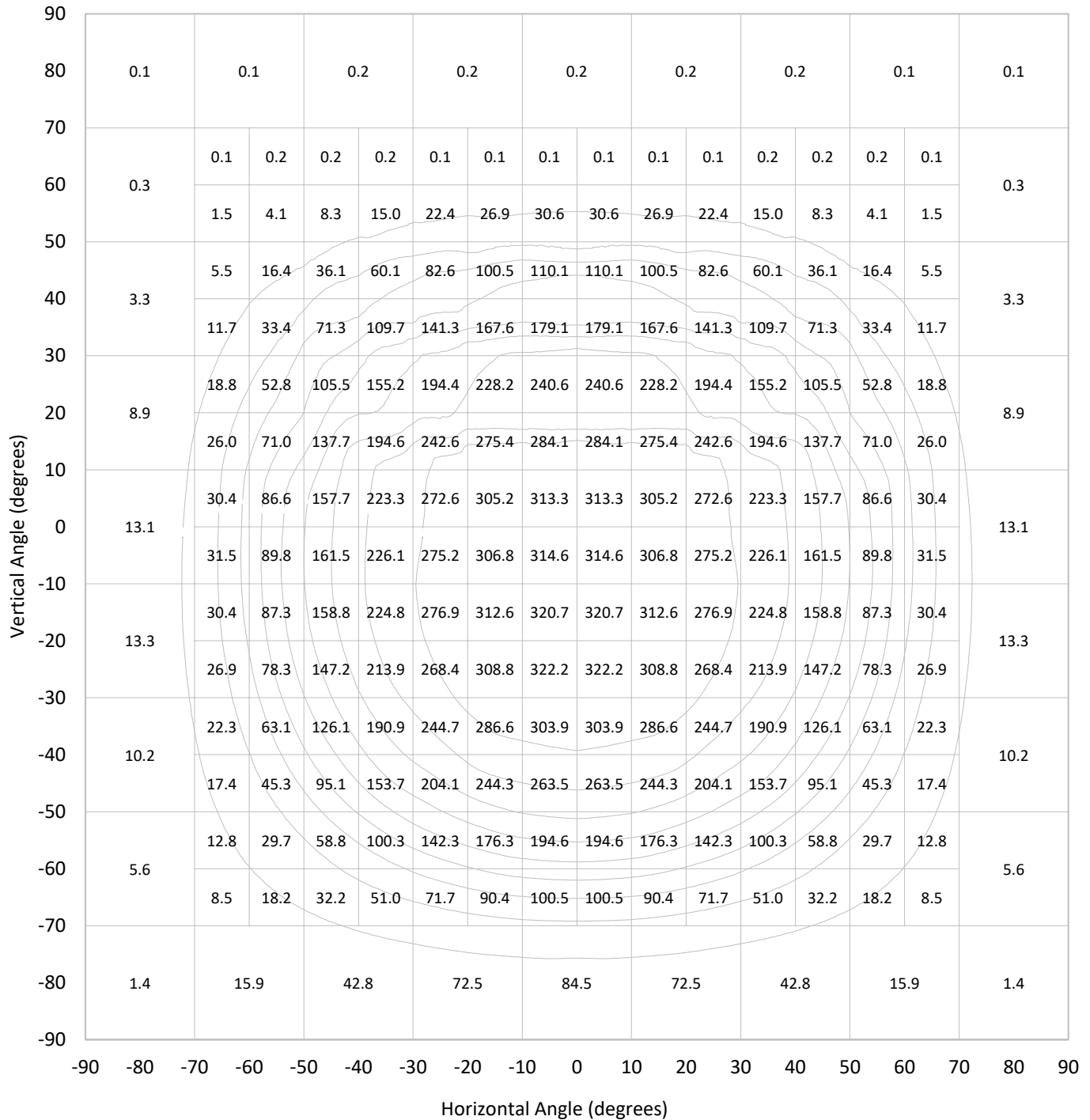
Iso-Candela Plot





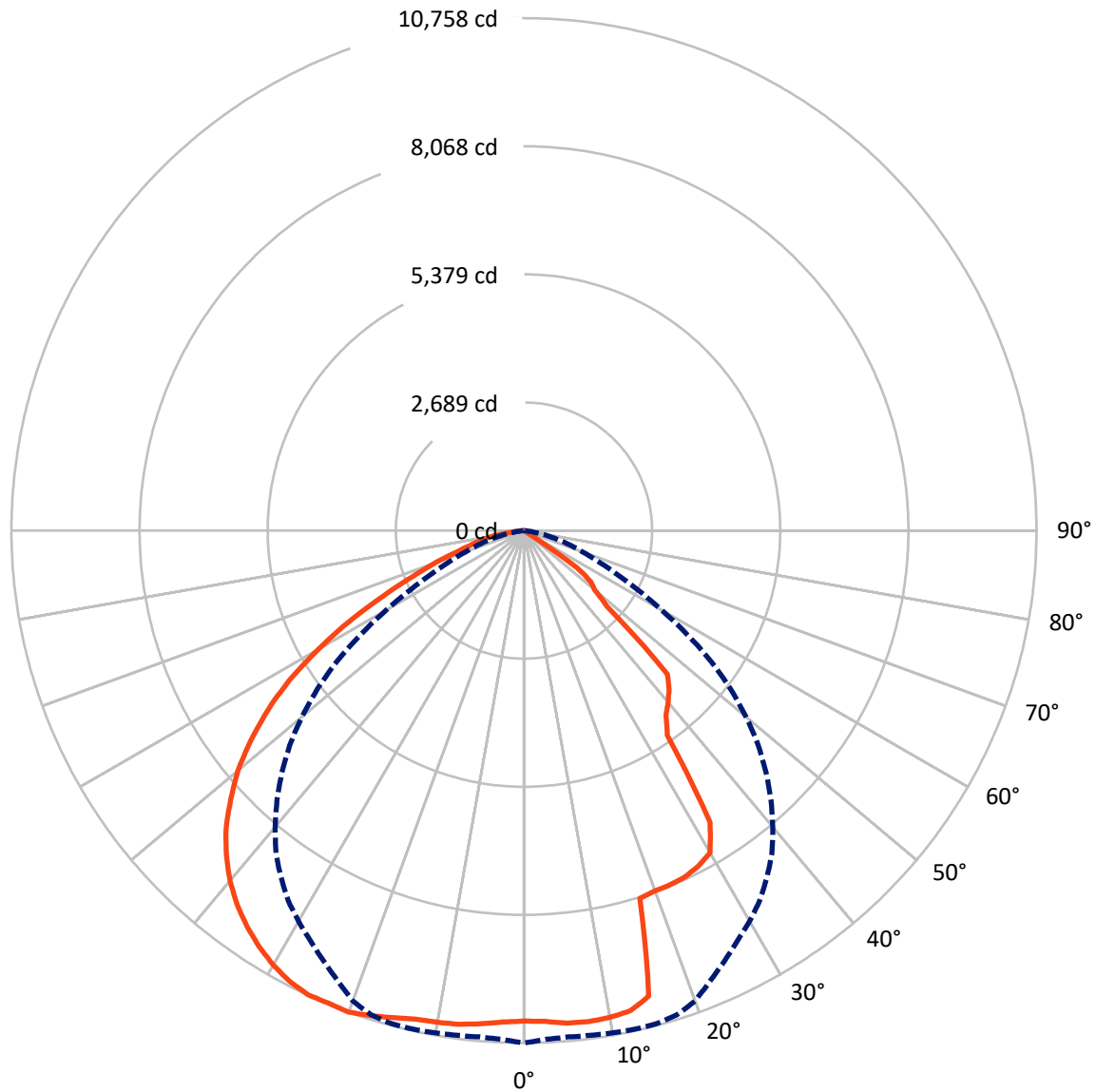
REPORT NUMBER: P645565 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table



REPORT NUMBER: P645565 (CONVERTED FROM TYPE C PHOTOMETRY)
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Luminous Intensity Polar Plot

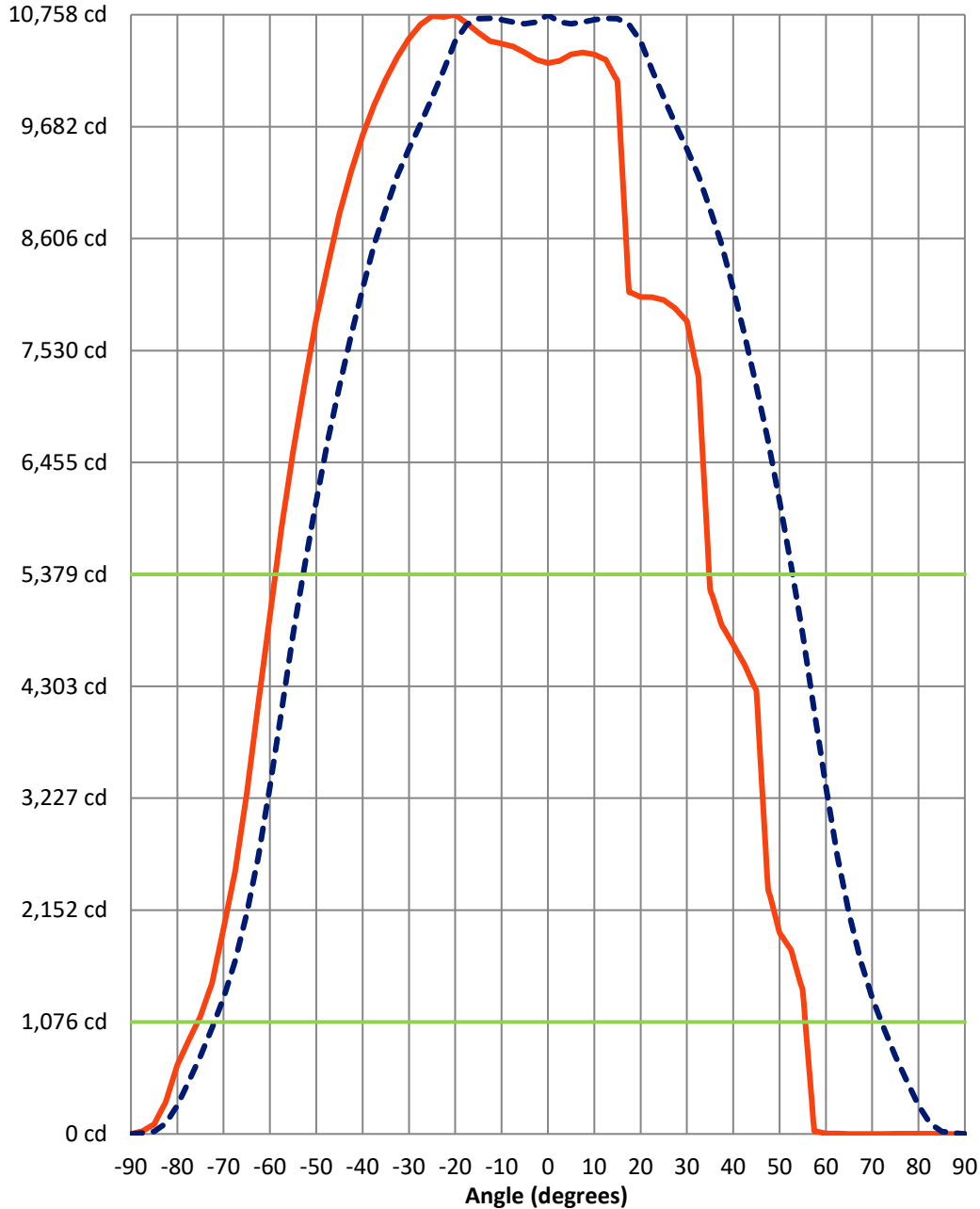


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through -20-Deg



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Luminous Intensity Plot



Beam:
 H Angle: 105.6°
 V Angle: 93.7°
 Lumens: 19719.3
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 24723.9
 Efficiency: 98.0%

Spill:
 Lumens: 501
 Efficiency: 2.0%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through -20-Deg

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Scaled Data Report



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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	1.2	1.2	1.1	1.0
85°	0.0	0.5	0.8	1.2	1.6	2.0	2.4	2.4	2.4	2.2	2.0
82.5°	0.0	0.8	1.2	1.8	2.4	3.0	3.6	3.7	3.5	2.9	2.3
80°	0.0	1.0	1.6	2.4	3.2	4.0	4.6	4.1	3.5	2.9	2.4
77.5°	0.0	1.3	2.0	3.0	4.0	4.6	4.6	4.1	3.6	3.0	2.4
75°	0.0	1.5	2.4	3.6	4.6	4.8	4.7	4.2	3.6	3.0	2.5
72.5°	0.0	1.7	2.8	4.1	4.8	4.9	4.7	4.2	3.6	3.1	2.5
70°	0.0	2.0	3.2	4.6	5.1	5.1	4.8	4.3	3.7	3.2	3.7
67.5°	0.0	2.2	3.7	4.9	5.3	5.3	5.4	4.3	3.8	5.1	5.2
65°	0.0	2.5	4.1	5.1	5.5	6.1	6.2	4.4	6.1	7.2	9.0
62.5°	0.0	2.7	4.5	5.3	5.8	7.6	7.2	6.1	8.5	12.6	20.0
60°	0.0	3.0	4.9	5.6	6.0	9.2	8.5	8.7	11.0	31.9	34.7
57.5°	0.0	3.2	5.2	5.8	7.8	11.1	15.7	12.2	31.2	54.2	62.9
55°	0.0	3.4	5.4	6.1	9.7	13.1	25.1	19.8	57.9	83.6	101.9
52.5°	0.0	3.6	5.7	6.3	11.7	16.7	36.0	50.3	86.9	131.2	147.8
50°	0.0	3.9	5.9	6.6	13.9	28.5	48.5	85.0	124.3	184.1	230.9
47.5°	0.0	4.1	6.2	7.2	16.1	41.2	65.2	121.4	179.2	242.5	315.8
45°	0.0	4.3	6.5	8.9	18.3	54.8	98.3	159.4	240.5	316.1	398.2
42.5°	0.0	4.5	6.8	10.7	20.7	69.3	132.2	207.7	303.0	387.7	493.2
40°	0.0	4.7	7.1	12.9	27.9	84.6	166.9	262.6	367.3	458.0	595.0
37.5°	0.0	4.9	7.4	15.7	39.9	100.7	202.3	317.6	434.7	542.4	701.2
35°	0.0	5.1	7.7	18.7	52.0	125.1	238.2	372.6	503.3	646.1	826.8
32.5°	0.0	5.3	8.0	22.1	64.3	153.4	277.1	427.5	572.6	750.4	979.5
30°	0.0	5.5	8.3	25.8	76.8	181.5	321.6	482.8	642.6	855.0	1126.0
27.5°	0.0	5.6	8.6	29.6	92.1	209.2	365.3	540.4	719.5	959.4	1266.0
25°	0.0	5.8	8.9	33.7	107.8	236.5	407.9	597.4	806.2	1073.4	1399.5
22.5°	0.0	6.0	9.2	38.0	123.5	264.4	449.3	653.5	891.3	1187.4	1534.6
20°	0.0	6.1	9.5	42.4	139.0	294.3	489.2	708.3	974.1	1294.9	1666.5
17.5°	0.0	6.3	9.8	46.8	154.3	323.2	528.8	761.6	1054.3	1395.8	1794.2
15°	0.0	6.4	10.0	51.3	169.2	351.0	566.8	811.2	1131.4	1489.9	1916.9
12.5°	0.0	6.5	10.3	55.8	183.5	377.5	602.3	855.4	1192.8	1577.1	2033.6
10°	0.0	6.6	10.6	60.2	197.3	402.6	635.2	896.1	1238.7	1629.4	2128.7
7.5°	0.0	6.7	10.8	64.4	210.3	426.0	665.5	933.1	1277.7	1669.9	2184.2
5°	0.0	6.8	11.1	68.5	222.5	447.6	693.0	966.5	1310.2	1702.5	2229.3
2.5°	0.0	6.8	11.3	72.3	233.6	467.2	717.7	996.2	1336.7	1727.7	2263.8
0°	0.0	6.9	11.5	75.8	243.5	484.6	739.5	1022.0	1357.4	1745.5	2287.5
-2.5°	0.0	7.3	13.3	80.7	252.8	495.6	750.3	1037.1	1364.8	1768.0	2303.0
-5°	0.0	7.7	15.1	85.3	260.6	504.3	758.2	1048.1	1367.4	1782.6	2307.9
-7.5°	0.0	8.0	16.8	89.3	267.1	510.7	763.3	1055.0	1365.5	1788.6	2302.7
-10°	0.0	8.4	18.4	92.9	271.9	514.7	765.6	1057.6	1359.6	1785.1	2288.1
-12.5°	0.0	8.7	20.0	95.8	275.2	516.3	765.2	1055.8	1350.2	1770.7	2263.0
-15°	0.0	9.0	21.5	98.2	276.7	515.5	762.2	1049.6	1339.5	1742.6	2226.6
-17.5°	0.0	9.2	22.9	99.9	276.5	512.4	756.6	1037.0	1326.5	1707.5	2179.1
-20°	0.0	9.4	24.2	100.9	274.5	507.0	748.0	1018.9	1308.0	1665.7	2120.7

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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	9.6	25.3	101.2	270.7	499.3	735.5	997.2	1283.9	1617.5	2051.2
-25°	0.0	9.8	26.3	100.8	264.9	487.3	720.1	972.0	1254.0	1563.2	1970.8
-27.5°	0.0	9.9	27.2	99.5	257.2	472.3	701.8	943.4	1218.4	1510.7	1899.6
-30°	0.0	10.0	27.9	97.5	247.5	455.3	680.6	911.5	1179.6	1466.3	1823.6
-32.5°	0.0	10.0	28.4	94.6	236.3	436.2	656.6	882.0	1138.3	1414.9	1742.2
-35°	0.0	10.0	28.8	90.9	223.8	415.2	630.6	850.9	1093.8	1356.7	1655.9
-37.5°	0.0	9.9	29.0	86.4	210.0	394.1	602.7	816.5	1046.0	1291.7	1570.7
-40°	0.0	9.8	29.0	81.0	195.0	375.0	572.7	779.0	995.2	1230.2	1486.5
-42.5°	0.0	9.7	28.9	75.1	183.6	354.5	540.5	738.2	946.1	1165.3	1395.9
-45°	0.0	9.5	28.5	69.3	175.8	332.7	506.3	696.1	895.8	1096.1	1302.0
-47.5°	0.0	9.2	28.0	62.5	166.6	309.6	470.2	653.9	842.0	1023.5	1220.7
-50°	0.0	9.0	27.3	60.3	156.1	285.3	440.0	609.7	782.4	956.8	1135.6
-52.5°	0.0	8.6	26.4	59.1	144.2	259.8	409.8	563.4	725.5	888.2	1048.4
-55°	0.0	8.3	25.4	57.3	131.0	240.6	378.4	516.7	668.4	817.6	970.9
-57.5°	0.0	7.9	24.2	54.8	116.5	221.0	345.9	479.5	609.3	750.1	891.7
-60°	0.0	7.4	22.8	51.7	101.4	199.6	312.8	438.4	550.2	681.8	812.6
-62.5°	0.0	7.0	21.4	48.0	94.2	176.6	282.6	393.8	495.5	611.7	735.1
-65°	0.0	6.4	19.9	43.8	86.0	151.9	250.3	347.4	437.6	541.3	655.8
-67.5°	0.0	5.9	18.3	39.1	76.8	131.3	215.9	301.4	376.6	467.8	570.2
-70°	0.0	5.3	16.5	33.9	66.8	114.9	179.6	254.3	321.9	390.9	479.0
-72.5°	0.0	4.7	14.7	29.9	56.1	97.3	151.9	206.1	266.3	327.3	389.1
-75°	0.0	4.1	12.8	26.0	44.6	78.6	124.2	166.1	209.6	262.8	316.7
-77.5°	0.0	3.4	10.8	21.9	36.9	59.0	95.1	128.4	163.0	200.5	243.2
-80°	0.0	2.8	8.7	17.7	29.8	44.9	64.9	90.0	116.7	145.7	176.9
-82.5°	0.0	2.1	6.6	13.4	22.5	34.0	47.7	57.7	69.7	90.2	112.2
-85°	0.0	1.4	4.4	9.0	15.1	22.8	32.0	38.6	45.5	52.6	60.1
-87.5°	0.0	0.7	2.2	4.5	7.6	11.4	16.0	19.3	22.8	26.4	30.1
-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-SA6C-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	1.1	1.2	1.3	1.4	1.5	1.6	1.6	1.7	1.8	1.8
85°	2.1	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
82.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
80°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
77.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
75°	2.3	2.3	2.5	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.3
72.5°	2.7	3.0	2.9	2.6	2.3	2.3	2.3	2.3	2.3	2.3	2.3
70°	3.6	3.7	3.2	2.7	2.3	2.4	2.6	2.5	2.3	2.3	2.3
67.5°	4.4	3.9	3.3	3.2	3.2	3.5	3.4	2.8	2.3	2.3	2.4
65°	4.5	4.0	5.7	6.5	4.8	4.1	3.5	2.9	3.1	3.3	3.3
62.5°	6.8	8.6	11.0	19.4	14.5	4.2	7.6	8.9	6.6	5.4	5.8
60°	22.4	15.3	45.3	64.9	40.5	14.8	18.1	60.0	52.0	9.6	32.5
57.5°	47.2	64.7	119.2	121.4	84.0	57.9	168.5	194.6	147.3	85.9	131.4
55°	103.9	159.6	197.7	183.0	199.8	302.6	359.6	323.0	271.9	418.3	534.4
52.5°	202.9	259.7	272.6	313.1	448.1	514.8	493.3	527.6	684.1	849.6	885.5
50°	299.5	346.0	382.3	552.7	658.3	665.0	714.1	869.2	1078.0	1179.3	1154.9
47.5°	392.8	441.1	609.9	773.6	821.1	886.1	1008.7	1308.2	1529.4	1533.7	1508.8
45°	491.6	620.3	835.8	942.6	1019.6	1145.3	1441.6	1854.6	1876.1	1936.1	2305.2
42.5°	597.2	822.7	1010.7	1121.8	1246.2	1480.8	1876.2	2147.2	2240.4	2503.1	2799.9
40°	768.3	1018.2	1182.5	1324.4	1484.4	1826.8	2259.8	2513.7	2589.4	2816.8	3040.0
37.5°	941.8	1181.5	1365.5	1536.8	1758.5	2220.7	2721.7	2931.1	2969.4	3011.0	3505.4
35°	1109.0	1348.9	1569.2	1793.4	2065.2	2730.6	3168.5	3365.4	3359.3	3640.0	4157.7
32.5°	1265.3	1520.0	1780.1	2079.9	2528.6	3210.2	3648.3	3766.1	3944.9	4353.3	5060.0
30°	1421.3	1711.0	2009.6	2366.8	2935.1	3525.9	4026.0	4215.6	4522.0	4988.1	5502.5
27.5°	1582.0	1906.7	2267.9	2686.5	3256.0	3799.1	4226.2	4679.3	4976.9	5394.7	5760.6
25°	1742.1	2114.0	2522.9	2965.9	3485.4	3991.5	4433.3	4956.5	5276.1	5612.9	5954.3
22.5°	1910.0	2324.1	2785.9	3187.3	3678.7	4155.1	4681.0	5248.6	5664.1	5878.2	6107.3
20°	2085.5	2551.4	3044.0	3488.7	3869.6	4307.0	4929.7	5619.3	6155.8	6396.6	6428.0
17.5°	2258.4	2771.7	3301.3	3782.7	4193.5	4582.9	5190.8	6063.5	6730.6	6954.5	7054.0
15°	2427.1	2983.6	3557.3	4068.9	4519.8	4995.9	5645.2	6532.6	7295.2	7543.0	7699.7
12.5°	2590.0	3185.7	3809.0	4345.5	4846.4	5380.5	6057.8	6870.2	7566.2	8045.5	8333.0
10°	2745.1	3376.4	4053.3	4611.1	5169.2	5737.1	6399.2	7121.6	7688.2	8150.5	8558.6
7.5°	2823.4	3501.1	4263.3	4863.9	5484.0	6066.6	6678.7	7298.8	7776.1	8229.5	8624.0
5°	2876.6	3552.3	4328.9	4951.9	5651.2	6286.5	6880.8	7415.3	7833.4	8282.8	8668.2
2.5°	2914.5	3585.4	4373.2	5000.1	5714.0	6354.1	6939.0	7454.2	7880.8	8321.0	8715.6
0°	2937.5	3601.2	4395.9	5029.8	5753.3	6398.6	6972.8	7468.9	7912.2	8339.3	8764.2
-2.5°	2950.5	3649.4	4411.0	5106.0	5791.3	6437.0	7020.1	7504.4	7967.6	8374.0	8800.0
-5°	2948.9	3678.2	4407.0	5157.2	5809.5	6452.0	7043.8	7520.5	7997.6	8400.1	8814.6
-7.5°	2932.9	3684.8	4387.1	5173.3	5810.2	6446.9	7033.4	7528.1	7997.2	8423.9	8815.9
-10°	2904.3	3658.8	4368.8	5131.8	5787.9	6420.8	7001.7	7511.2	7978.5	8419.1	8808.3
-12.5°	2870.7	3605.1	4330.5	5072.0	5742.6	6371.9	6953.5	7468.2	7943.5	8383.1	8790.7
-15°	2820.1	3533.7	4267.6	4996.1	5673.7	6300.8	6890.9	7398.0	7889.6	8320.1	8738.6
-17.5°	2752.2	3445.2	4179.0	4906.0	5580.8	6208.1	6810.6	7305.4	7794.6	8239.4	8643.3
-20°	2666.7	3340.3	4064.0	4803.7	5462.9	6083.6	6667.3	7185.4	7671.5	8124.0	8548.4



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 CATALOG NUMBER: GFLD-SA6C-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°	2563.2	3219.7	3925.5	4665.5	5315.8	5929.5	6506.2	7032.7	7536.3	7973.9	8426.2
-25°	2459.7	3092.3	3772.4	4474.2	5144.9	5756.0	6334.4	6847.3	7362.1	7817.3	8246.9
-27.5°	2360.4	2944.5	3594.8	4263.6	4951.3	5559.5	6132.7	6646.0	7145.7	7643.3	8057.0
-30°	2249.1	2773.4	3400.0	4038.9	4709.2	5328.4	5905.9	6438.5	6914.1	7405.5	7849.6
-32.5°	2126.2	2592.0	3194.2	3808.9	4441.0	5073.8	5645.9	6175.0	6669.8	7134.6	7600.7
-35°	2006.0	2445.5	2976.2	3561.9	4156.8	4777.6	5350.1	5874.1	6387.6	6848.0	7293.5
-37.5°	1897.9	2286.9	2744.5	3304.0	3872.5	4459.7	5042.0	5549.2	6037.8	6544.0	6978.5
-40°	1781.0	2116.5	2543.9	3038.4	3574.1	4132.6	4690.1	5214.8	5674.2	6174.4	6652.2
-42.5°	1658.5	1977.8	2345.9	2757.2	3262.9	3789.5	4327.6	4840.9	5318.0	5789.8	6263.3
-45°	1551.3	1830.9	2144.5	2520.3	2932.0	3427.3	3936.8	4448.4	4906.2	5355.9	5823.5
-47.5°	1437.2	1683.3	1973.2	2273.4	2631.3	3045.4	3524.6	3996.4	4465.0	4892.9	5306.7
-50°	1323.6	1550.4	1788.6	2058.8	2354.2	2689.9	3087.9	3526.5	3954.6	4393.9	4803.8
-52.5°	1225.7	1410.6	1625.9	1851.4	2104.3	2381.9	2700.8	3061.1	3450.4	3823.2	4232.2
-55°	1124.0	1290.8	1464.5	1663.1	1873.5	2107.9	2369.2	2672.1	2969.2	3314.0	3647.8
-57.5°	1031.4	1172.0	1320.2	1484.1	1666.9	1854.5	2082.9	2318.5	2588.1	2856.1	3120.4
-60°	944.0	1058.9	1184.6	1323.5	1470.3	1637.3	1807.8	2010.1	2227.3	2441.1	2665.4
-62.5°	855.9	952.6	1055.1	1170.4	1298.4	1424.6	1570.2	1726.1	1885.9	2067.2	2244.0
-65°	765.4	843.5	930.4	1026.1	1128.3	1235.7	1347.6	1463.0	1598.9	1731.7	1860.3
-67.5°	669.3	736.1	806.4	881.7	967.4	1051.8	1136.1	1233.5	1333.6	1431.9	1533.8
-70°	562.6	625.7	684.3	745.3	809.1	875.2	947.1	1018.6	1089.2	1162.9	1244.7
-72.5°	454.2	512.2	563.8	608.9	661.2	716.2	768.7	818.9	872.2	928.1	983.5
-75°	362.3	400.6	446.6	488.7	530.3	569.0	603.7	646.3	690.7	731.3	764.7
-77.5°	282.8	317.6	349.1	377.2	410.4	449.2	483.0	512.0	540.2	571.0	603.6
-80°	205.7	234.6	263.3	289.4	308.4	330.4	356.3	385.9	411.6	432.5	451.5
-82.5°	132.8	153.7	175.0	196.7	205.6	211.6	217.3	227.6	243.5	259.2	274.2
-85°	66.2	72.3	85.3	98.6	103.2	106.5	108.7	109.9	115.3	120.3	124.6
-87.5°	33.1	36.2	39.2	42.1	40.6	38.4	35.7	32.5	31.8	30.8	29.7
-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):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.9	1.9	2.0	2.0	2.1	1.6	1.1	0.6	0.0	0.0	0.0
85°	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.1	2.1	1.7	1.1
82.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2
80°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
77.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
75°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
72.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
70°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
67.5°	2.5	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.0	1.5
65°	3.2	3.1	3.3	3.2	2.8	2.7	2.9	2.8	2.5	2.0	1.4
62.5°	5.8	6.5	5.1	5.1	5.0	4.8	4.6	4.4	4.1	3.9	4.0
60°	36.0	21.3	12.5	14.5	13.1	8.7	11.1	13.0	13.1	12.0	10.6
57.5°	199.6	149.1	110.4	263.5	264.4	126.2	152.0	239.0	196.8	64.7	60.1
55°	555.4	664.2	874.2	830.4	843.9	970.6	1059.9	938.3	919.8	980.1	1132.2
52.5°	997.7	1101.5	1172.1	1238.2	1318.7	1405.1	1494.1	1550.8	1603.8	1660.2	1693.8
50°	1274.1	1420.4	1520.8	1483.8	1691.9	1777.1	1690.7	1768.0	1862.2	1888.0	1900.2
47.5°	1881.3	2095.8	2138.4	2276.6	2400.8	2398.1	2292.7	2298.8	2579.4	2826.9	2948.5
45°	2703.7	2711.0	2845.9	3089.9	3264.3	3209.4	3356.6	3691.2	3802.7	3910.4	3998.7
42.5°	3024.1	3156.9	3372.1	3587.9	3718.0	3830.7	3939.7	4062.7	4207.3	4324.6	4418.3
40°	3334.3	3441.3	3661.7	3835.5	3943.2	4048.5	4175.4	4311.7	4444.1	4547.2	4617.5
37.5°	3811.8	3894.8	3948.5	4109.7	4313.4	4219.4	4460.4	4633.2	4712.2	4816.8	4826.2
35°	4534.3	4479.1	4407.6	5049.7	5088.1	4871.3	5096.6	5364.5	5223.3	5517.3	5675.4
32.5°	5174.7	5166.4	5726.9	6064.4	5870.2	6028.8	6548.2	6525.2	6871.4	7032.1	6986.3
30°	5778.0	5983.9	6308.0	6559.4	6593.1	6843.1	7073.7	7275.8	7484.9	7672.2	7685.1
27.5°	6084.3	6352.9	6573.0	6718.5	6880.8	7091.1	7300.5	7528.1	7705.9	7823.3	7852.0
25°	6269.5	6544.0	6710.6	6867.2	7046.4	7227.9	7462.3	7710.2	7852.9	7925.4	7948.5
22.5°	6432.9	6679.5	6858.7	6985.7	7178.6	7373.8	7592.3	7802.2	7957.3	7988.9	8000.5
20°	6590.2	6827.1	7126.2	7313.3	7304.0	7523.9	7734.6	7901.4	8030.7	8030.0	8033.1
17.5°	7045.0	7129.6	7672.4	8084.6	7880.5	7772.9	8352.0	8363.0	8397.4	8329.0	8180.8
15°	7718.5	7872.5	8539.4	8986.1	8845.5	8838.1	9674.6	9467.2	9645.7	9598.9	9799.8
12.5°	8431.9	8614.2	9112.5	9551.3	9760.4	9811.7	10091.1	10352.9	10406.7	10385.4	10346.0
10°	8917.9	9177.6	9377.8	9644.1	9854.9	10070.0	10231.9	10419.8	10481.4	10445.8	10395.5
7.5°	8981.1	9237.9	9472.9	9706.6	9907.4	10080.7	10248.6	10401.6	10464.3	10443.6	10409.0
5°	9021.4	9253.9	9481.8	9718.8	9910.8	10071.4	10238.7	10393.8	10430.8	10405.9	10372.2
2.5°	9046.2	9261.4	9481.0	9717.1	9891.5	10044.4	10213.8	10379.2	10378.9	10368.0	10348.3
0°	9058.2	9274.1	9529.0	9742.6	9937.9	10082.5	10250.2	10411.0	10399.5	10369.6	10335.2
-2.5°	9084.0	9302.7	9563.0	9739.9	9960.0	10092.5	10265.9	10405.1	10399.7	10385.1	10367.9
-5°	9107.0	9353.0	9596.5	9782.6	10003.2	10176.5	10348.7	10457.6	10463.4	10443.0	10414.2
-7.5°	9121.1	9393.8	9626.0	9813.0	10026.9	10228.5	10403.2	10517.4	10519.9	10492.7	10458.4
-10°	9116.4	9404.3	9643.3	9836.6	10055.7	10254.7	10437.4	10582.2	10577.5	10551.6	10522.3
-12.5°	9099.2	9386.7	9632.2	9826.1	10074.8	10279.7	10485.2	10629.3	10636.9	10617.5	10585.8
-15°	9061.3	9358.2	9596.9	9808.7	10052.5	10292.0	10503.1	10662.1	10690.5	10674.6	10649.5
-17.5°	8986.5	9299.8	9553.0	9781.1	10015.1	10270.4	10510.5	10684.3	10723.1	10716.8	10696.0
-20°	8888.3	9211.5	9468.6	9707.6	9962.3	10225.3	10504.7	10663.6	10719.8	10723.4	10709.3



REPORT NUMBER: P645565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	8778.0	9094.5	9367.2	9602.1	9878.3	10144.5	10397.6	10583.6	10678.1	10695.6	10696.9
-25°	8645.7	8971.0	9241.9	9492.1	9749.0	10023.9	10279.5	10487.3	10583.0	10628.8	10643.1
-27.5°	8458.8	8795.0	9061.6	9326.0	9587.3	9871.4	10140.1	10365.9	10443.8	10506.7	10532.0
-30°	8239.8	8572.3	8844.1	9085.9	9384.9	9674.4	9951.8	10148.8	10266.3	10338.3	10377.6
-32.5°	7988.1	8323.7	8609.0	8861.4	9145.6	9435.1	9696.0	9903.9	10065.9	10148.9	10191.0
-35°	7715.1	8057.7	8356.5	8622.4	8889.8	9165.8	9436.2	9653.6	9838.2	9909.5	9962.2
-37.5°	7385.8	7763.8	8070.1	8344.3	8598.5	8857.9	9139.4	9388.0	9567.3	9636.5	9692.0
-40°	7048.2	7413.5	7722.4	8014.9	8266.2	8549.5	8820.7	9081.2	9236.7	9317.4	9380.3
-42.5°	6691.7	7021.7	7315.5	7599.7	7879.5	8171.1	8442.1	8712.8	8847.3	8944.6	9021.8
-45°	6280.2	6587.3	6872.7	7138.7	7427.2	7713.8	7985.0	8224.3	8384.4	8511.0	8609.6
-47.5°	5731.6	6105.7	6392.3	6645.2	6931.2	7207.8	7470.6	7695.6	7871.2	8019.3	8133.8
-50°	5174.4	5533.5	5856.7	6140.9	6406.2	6662.0	6912.1	7132.2	7318.0	7478.6	7594.6
-52.5°	4625.8	4962.2	5282.9	5576.3	5831.3	6072.8	6301.6	6523.0	6719.0	6890.7	7002.8
-55°	4005.7	4354.2	4671.5	4945.1	5200.0	5438.6	5664.6	5874.5	6067.4	6242.3	6349.8
-57.5°	3424.2	3729.8	4025.0	4277.6	4518.1	4745.5	4959.7	5160.7	5346.3	5510.9	5614.5
-60°	2889.5	3112.4	3366.5	3599.6	3812.9	4006.4	4206.3	4393.6	4564.2	4708.9	4805.4
-62.5°	2417.0	2601.7	2785.1	2962.4	3135.4	3309.2	3476.6	3632.0	3774.5	3893.0	3977.7
-65°	1996.0	2144.3	2277.0	2402.7	2522.5	2659.6	2786.9	2906.6	3017.3	3108.2	3172.6
-67.5°	1643.5	1747.8	1839.5	1925.8	2020.3	2117.1	2207.9	2287.0	2354.7	2408.6	2451.1
-70°	1325.4	1402.1	1471.2	1540.0	1609.0	1672.0	1732.1	1790.3	1845.6	1890.6	1924.4
-72.5°	1038.0	1090.4	1137.5	1190.4	1240.1	1287.8	1329.4	1363.0	1389.1	1414.5	1436.6
-75°	791.3	830.7	883.8	928.7	965.8	998.6	1028.6	1055.4	1079.0	1099.8	1118.1
-77.5°	636.5	669.9	703.7	736.5	768.1	791.7	813.5	835.4	856.8	875.3	891.6
-80°	471.7	496.7	522.8	549.0	575.2	588.2	598.6	608.2	616.8	627.8	638.1
-82.5°	288.4	302.5	317.1	331.8	346.5	350.2	351.4	351.1	349.2	345.2	339.1
-85°	128.3	129.1	128.7	127.3	124.8	119.7	113.5	106.3	98.3	97.0	95.5
-87.5°	28.3	27.7	26.9	26.0	25.0	25.0	24.9	24.7	24.4	25.3	26.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645565 (CONVERTED FROM TYPE C PHOTOMETRY)
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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	1.1	1.7	2.1	2.1
82.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.3	2.3	2.3
80°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
77.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
75°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
72.5°	2.3	2.3	1.2	0.0	1.2	2.3	2.3	2.3	2.3	2.3	2.3
70°	2.3	2.3	1.2	0.0	1.2	2.3	2.3	2.3	2.3	2.3	2.3
67.5°	0.8	0.2	0.0	0.0	0.0	0.2	0.8	1.5	2.0	2.3	2.3
65°	0.8	0.1	0.0	0.0	0.0	0.1	0.8	1.4	2.0	2.5	2.8
62.5°	4.2	4.4	4.5	4.6	4.5	4.4	4.2	4.0	3.9	4.1	4.4
60°	8.3	5.4	4.6	4.6	4.6	5.4	8.3	10.6	12.0	13.1	13.0
57.5°	50.8	37.9	32.2	29.9	32.2	37.9	50.8	60.1	64.7	196.8	239.0
55°	1241.2	1304.4	1351.5	1373.4	1351.5	1304.4	1241.2	1132.2	980.1	919.8	938.3
52.5°	1723.4	1750.9	1766.7	1766.2	1766.7	1750.9	1723.4	1693.8	1660.2	1603.8	1550.8
50°	1920.9	1934.3	1939.0	1936.1	1939.0	1934.3	1920.9	1900.2	1888.0	1862.2	1768.0
47.5°	2837.4	2591.8	2411.3	2367.9	2411.3	2591.8	2837.4	2948.5	2826.9	2579.4	2298.8
45°	4041.1	4134.2	4227.0	4255.8	4227.0	4134.2	4041.1	3998.7	3910.4	3802.7	3691.2
42.5°	4457.9	4488.2	4505.4	4506.1	4505.4	4488.2	4457.9	4418.3	4324.6	4207.3	4062.7
40°	4656.9	4685.5	4702.2	4703.7	4702.2	4685.5	4656.9	4617.5	4547.2	4444.1	4311.7
37.5°	4837.6	4862.0	4878.0	4894.3	4878.0	4862.0	4837.6	4826.2	4816.8	4712.2	4633.2
35°	5654.0	5469.1	5203.1	5243.4	5203.1	5469.1	5654.0	5675.4	5517.3	5223.3	5364.5
32.5°	7057.9	7135.6	7184.1	7266.8	7184.1	7135.6	7057.9	6986.3	7032.1	6871.4	6525.2
30°	7705.6	7731.3	7770.2	7811.1	7770.2	7731.3	7705.6	7685.1	7672.2	7484.9	7275.8
27.5°	7867.2	7893.8	7917.4	7935.1	7917.4	7893.8	7867.2	7852.0	7823.3	7705.9	7528.1
25°	7951.8	7968.4	7993.4	8015.5	7993.4	7968.4	7951.8	7948.5	7925.4	7852.9	7710.2
22.5°	7993.8	7995.5	8015.2	8043.1	8015.2	7995.5	7993.8	8000.5	7988.9	7957.3	7802.2
20°	8022.6	8007.0	8027.3	8045.4	8027.3	8007.0	8022.6	8033.1	8030.0	8030.7	7901.4
17.5°	8389.8	8180.3	8094.2	8095.9	8094.2	8180.3	8389.8	8180.8	8329.0	8397.4	8363.0
15°	9574.4	9652.9	9954.2	10117.0	9954.2	9652.9	9574.4	9799.8	9598.9	9645.7	9467.2
12.5°	10338.7	10310.7	10275.0	10323.7	10275.0	10310.7	10338.7	10346.0	10385.4	10406.7	10352.9
10°	10374.1	10370.9	10307.1	10376.5	10307.1	10370.9	10374.1	10395.5	10445.8	10481.4	10419.8
7.5°	10352.4	10354.3	10327.2	10394.9	10327.2	10354.3	10352.4	10409.0	10443.6	10464.3	10401.6
5°	10366.8	10320.1	10337.8	10376.5	10337.8	10320.1	10366.8	10372.2	10405.9	10430.8	10393.8
2.5°	10326.6	10321.8	10287.4	10314.5	10287.4	10321.8	10326.6	10348.3	10368.0	10378.9	10379.2
0°	10296.1	10270.9	10270.9	10293.8	10270.9	10270.9	10296.1	10335.2	10369.6	10399.5	10411.0
-2.5°	10350.5	10345.2	10341.9	10326.0	10341.9	10345.2	10350.5	10367.9	10385.1	10399.7	10405.1
-5°	10395.1	10381.5	10343.8	10394.9	10343.8	10381.5	10395.1	10414.2	10443.0	10463.4	10457.6
-7.5°	10443.1	10408.3	10372.5	10452.3	10372.5	10408.3	10443.1	10458.4	10492.7	10519.9	10517.4
-10°	10487.0	10436.6	10401.8	10479.9	10401.8	10436.6	10487.0	10522.3	10551.6	10577.5	10582.2
-12.5°	10545.0	10486.1	10462.8	10505.1	10462.8	10486.1	10545.0	10585.8	10617.5	10636.9	10629.3
-15°	10606.8	10566.0	10560.6	10585.5	10560.6	10566.0	10606.8	10649.5	10674.6	10690.5	10662.1
-17.5°	10661.2	10632.5	10646.7	10675.1	10646.7	10632.5	10661.2	10696.0	10716.8	10723.1	10684.3
-20°	10687.1	10671.1	10687.0	10757.8	10687.0	10671.1	10687.1	10709.3	10723.4	10719.8	10663.6



REPORT NUMBER: P645565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	10684.9	10685.9	10714.0	10737.1	10714.0	10685.9	10684.9	10696.9	10695.6	10678.1	10583.6
-25°	10644.1	10665.6	10697.9	10744.0	10697.9	10665.6	10644.1	10643.1	10628.8	10583.0	10487.3
-27.5°	10545.7	10581.4	10615.2	10663.6	10615.2	10581.4	10545.7	10532.0	10506.7	10443.8	10365.9
-30°	10403.6	10446.0	10476.1	10528.1	10476.1	10446.0	10403.6	10377.6	10338.3	10266.3	10148.8
-32.5°	10230.5	10278.6	10314.2	10351.3	10314.2	10278.6	10230.5	10191.0	10148.9	10065.9	9903.9
-35°	10014.3	10066.0	10103.8	10137.7	10103.8	10066.0	10014.3	9962.2	9909.5	9838.2	9653.6
-37.5°	9754.4	9810.2	9853.3	9891.9	9853.3	9810.2	9754.4	9692.0	9636.5	9567.3	9388.0
-40°	9451.7	9508.9	9554.8	9597.9	9554.8	9508.9	9451.7	9380.3	9317.4	9236.7	9081.2
-42.5°	9097.7	9155.5	9202.9	9246.5	9202.9	9155.5	9097.7	9021.8	8944.6	8847.3	8712.8
-45°	8689.0	8748.4	8798.6	8844.6	8798.6	8748.4	8689.0	8609.6	8511.0	8384.4	8224.3
-47.5°	8218.2	8281.8	8324.7	8346.2	8324.7	8281.8	8218.2	8133.8	8019.3	7871.2	7695.6
-50°	7678.6	7742.2	7793.7	7831.8	7793.7	7742.2	7678.6	7594.6	7478.6	7318.0	7132.2
-52.5°	7084.7	7145.1	7189.5	7216.3	7189.5	7145.1	7084.7	7002.8	6890.7	6719.0	6523.0
-55°	6434.3	6497.7	6539.7	6559.4	6539.7	6497.7	6434.3	6349.8	6242.3	6067.4	5874.5
-57.5°	5696.7	5756.9	5801.5	5826.7	5801.5	5756.9	5696.7	5614.5	5510.9	5346.3	5160.7
-60°	4880.7	4934.5	4968.4	4981.6	4968.4	4934.5	4880.7	4805.4	4708.9	4564.2	4393.6
-62.5°	4045.9	4096.9	4128.6	4141.0	4128.6	4096.9	4045.9	3977.7	3893.0	3774.5	3632.0
-65°	3220.7	3252.6	3270.3	3272.8	3270.3	3252.6	3220.7	3172.6	3108.2	3017.3	2906.6
-67.5°	2484.7	2509.0	2523.7	2528.7	2523.7	2509.0	2484.7	2451.1	2408.6	2354.7	2287.0
-70°	1949.6	1966.4	1975.8	1977.5	1975.8	1966.4	1949.6	1924.4	1890.6	1845.6	1790.3
-72.5°	1453.6	1465.6	1461.4	1451.5	1461.4	1465.6	1453.6	1436.6	1414.5	1389.1	1363.0
-75°	1133.9	1147.1	1141.6	1132.3	1141.6	1147.1	1133.9	1118.1	1099.8	1079.0	1055.4
-77.5°	905.9	917.9	912.0	902.6	912.0	917.9	905.9	891.6	875.3	856.8	835.4
-80°	646.9	654.0	659.0	661.5	659.0	654.0	646.9	638.1	627.8	616.8	608.2
-82.5°	331.1	321.4	315.2	307.8	315.2	321.4	331.1	339.1	345.2	349.2	351.1
-85°	93.6	91.4	92.9	94.2	92.9	91.4	93.6	95.5	97.0	98.3	106.3
-87.5°	26.8	27.5	27.6	27.6	27.6	27.5	26.8	26.0	25.3	24.4	24.7
-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: P645565 (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	1.6	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.6
85°	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
82.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
80°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
77.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
75°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
72.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
70°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.5
67.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.5	2.4	2.3	2.3	2.8
65°	2.9	2.7	2.8	3.2	3.3	3.1	3.2	3.3	3.3	3.1	2.9
62.5°	4.6	4.8	5.0	5.1	5.1	6.5	5.8	5.8	5.4	6.6	8.9
60°	11.1	8.7	13.1	14.5	12.5	21.3	36.0	32.5	9.6	52.0	60.0
57.5°	152.0	126.2	264.4	263.5	110.4	149.1	199.6	131.4	85.9	147.3	194.6
55°	1059.9	970.6	843.9	830.4	874.2	664.2	555.4	534.4	418.3	271.9	323.0
52.5°	1494.1	1405.1	1318.7	1238.2	1172.1	1101.5	997.7	885.5	849.6	684.1	527.6
50°	1690.7	1777.1	1691.9	1483.8	1520.8	1420.4	1274.1	1154.9	1179.3	1078.0	869.2
47.5°	2292.7	2398.1	2400.8	2276.6	2138.4	2095.8	1881.3	1508.8	1533.7	1529.4	1308.2
45°	3356.6	3209.4	3264.3	3089.9	2845.9	2711.0	2703.7	2305.2	1936.1	1876.1	1854.6
42.5°	3939.7	3830.7	3718.0	3587.9	3372.1	3156.9	3024.1	2799.9	2503.1	2240.4	2147.2
40°	4175.4	4048.5	3943.2	3835.5	3661.7	3441.3	3334.3	3040.0	2816.8	2589.4	2513.7
37.5°	4460.4	4219.4	4313.4	4109.7	3948.5	3894.8	3811.8	3505.4	3011.0	2969.4	2931.1
35°	5096.6	4871.3	5088.1	5049.7	4407.6	4479.1	4534.3	4157.7	3640.0	3359.3	3365.4
32.5°	6548.2	6028.8	5870.2	6064.4	5726.9	5166.4	5174.7	5060.0	4353.3	3944.9	3766.1
30°	7073.7	6843.1	6593.1	6559.4	6308.0	5983.9	5778.0	5502.5	4988.1	4522.0	4215.6
27.5°	7300.5	7091.1	6880.8	6718.5	6573.0	6352.9	6084.3	5760.6	5394.7	4976.9	4679.3
25°	7462.3	7227.9	7046.4	6867.2	6710.6	6544.0	6269.5	5954.3	5612.9	5276.1	4956.5
22.5°	7592.3	7373.8	7178.6	6985.7	6858.7	6679.5	6432.9	6107.3	5878.2	5664.1	5248.6
20°	7734.6	7523.9	7304.0	7313.3	7126.2	6827.1	6590.2	6428.0	6396.6	6155.8	5619.3
17.5°	8352.0	7772.9	7880.5	8084.6	7672.4	7129.6	7045.0	7054.0	6954.5	6730.6	6063.5
15°	9674.6	8838.1	8845.5	8986.1	8539.4	7872.5	7718.5	7699.7	7543.0	7295.2	6532.6
12.5°	10091.1	9811.7	9760.4	9551.3	9112.5	8614.2	8431.9	8333.0	8045.5	7566.2	6870.2
10°	10231.9	10070.0	9854.9	9644.1	9377.8	9177.6	8917.9	8558.6	8150.5	7688.2	7121.6
7.5°	10248.6	10080.7	9907.4	9706.6	9472.9	9237.9	8981.1	8624.0	8229.5	7776.1	7298.8
5°	10238.7	10071.4	9910.8	9718.8	9481.8	9253.9	9021.4	8668.2	8282.8	7833.4	7415.3
2.5°	10213.8	10044.4	9891.5	9717.1	9481.0	9261.4	9046.2	8715.6	8321.0	7880.8	7454.2
0°	10250.2	10082.5	9937.9	9742.6	9529.0	9274.1	9058.2	8764.2	8339.3	7912.2	7468.9
-2.5°	10265.9	10092.5	9960.0	9739.9	9563.0	9302.7	9084.0	8800.0	8374.0	7967.6	7504.4
-5°	10348.7	10176.5	10003.2	9782.6	9596.5	9353.0	9107.0	8814.6	8400.1	7997.6	7520.5
-7.5°	10403.2	10228.5	10026.9	9813.0	9626.0	9393.8	9121.1	8815.9	8423.9	7997.2	7528.1
-10°	10437.4	10254.7	10055.7	9836.6	9643.3	9404.3	9116.4	8808.3	8419.1	7978.5	7511.2
-12.5°	10485.2	10279.7	10074.8	9826.1	9632.2	9386.7	9099.2	8790.7	8383.1	7943.5	7468.2
-15°	10503.1	10292.0	10052.5	9808.7	9596.9	9358.2	9061.3	8738.6	8320.1	7889.6	7398.0
-17.5°	10510.5	10270.4	10015.1	9781.1	9553.0	9299.8	8986.5	8643.3	8239.4	7794.6	7305.4
-20°	10504.7	10225.3	9962.3	9707.6	9468.6	9211.5	8888.3	8548.4	8124.0	7671.5	7185.4



REPORT NUMBER: P645565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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°	10397.6	10144.5	9878.3	9602.1	9367.2	9094.5	8778.0	8426.2	7973.9	7536.3	7032.7
-25°	10279.5	10023.9	9749.0	9492.1	9241.9	8971.0	8645.7	8246.9	7817.3	7362.1	6847.3
-27.5°	10140.1	9871.4	9587.3	9326.0	9061.6	8795.0	8458.8	8057.0	7643.3	7145.7	6646.0
-30°	9951.8	9674.4	9384.9	9085.9	8844.1	8572.3	8239.8	7849.6	7405.5	6914.1	6438.5
-32.5°	9696.0	9435.1	9145.6	8861.4	8609.0	8323.7	7988.1	7600.7	7134.6	6669.8	6175.0
-35°	9436.2	9165.8	8889.8	8622.4	8356.5	8057.7	7715.1	7293.5	6848.0	6387.6	5874.1
-37.5°	9139.4	8857.9	8598.5	8344.3	8070.1	7763.8	7385.8	6978.5	6544.0	6037.8	5549.2
-40°	8820.7	8549.5	8266.2	8014.9	7722.4	7413.5	7048.2	6652.2	6174.4	5674.2	5214.8
-42.5°	8442.1	8171.1	7879.5	7599.7	7315.5	7021.7	6691.7	6263.3	5789.8	5318.0	4840.9
-45°	7985.0	7713.8	7427.2	7138.7	6872.7	6587.3	6280.2	5823.5	5355.9	4906.2	4448.4
-47.5°	7470.6	7207.8	6931.2	6645.2	6392.3	6105.7	5731.6	5306.7	4892.9	4465.0	3996.4
-50°	6912.1	6662.0	6406.2	6140.9	5856.7	5533.5	5174.4	4803.8	4393.9	3954.6	3526.5
-52.5°	6301.6	6072.8	5831.3	5576.3	5282.9	4962.2	4625.8	4232.2	3823.2	3450.4	3061.1
-55°	5664.6	5438.6	5200.0	4945.1	4671.5	4354.2	4005.7	3647.8	3314.0	2969.2	2672.1
-57.5°	4959.7	4745.5	4518.1	4277.6	4025.0	3729.8	3424.2	3120.4	2856.1	2588.1	2318.5
-60°	4206.3	4006.4	3812.9	3599.6	3366.5	3112.4	2889.5	2665.4	2441.1	2227.3	2010.1
-62.5°	3476.6	3309.2	3135.4	2962.4	2785.1	2601.7	2417.0	2244.0	2067.2	1885.9	1726.1
-65°	2786.9	2659.6	2522.5	2402.7	2277.0	2144.3	1996.0	1860.3	1731.7	1598.9	1463.0
-67.5°	2207.9	2117.1	2020.3	1925.8	1839.5	1747.8	1643.5	1533.8	1431.9	1333.6	1233.5
-70°	1732.1	1672.0	1609.0	1540.0	1471.2	1402.1	1325.4	1244.7	1162.9	1089.2	1018.6
-72.5°	1329.4	1287.8	1240.1	1190.4	1137.5	1090.4	1038.0	983.5	928.1	872.2	818.9
-75°	1028.6	998.6	965.8	928.7	883.8	830.7	791.3	764.7	731.3	690.7	646.3
-77.5°	813.5	791.7	768.1	736.5	703.7	669.9	636.5	603.6	571.0	540.2	512.0
-80°	598.6	588.2	575.2	549.0	522.8	496.7	471.7	451.5	432.5	411.6	385.9
-82.5°	351.4	350.2	346.5	331.8	317.1	302.5	288.4	274.2	259.2	243.5	227.6
-85°	113.5	119.7	124.8	127.3	128.7	129.1	128.3	124.6	120.3	115.3	109.9
-87.5°	24.9	25.0	25.0	26.0	26.9	27.7	28.3	29.7	30.8	31.8	32.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645565 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-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	1.4	1.3	1.2	1.1	1.1	1.0	1.1	1.2	1.2
85°	2.3	2.3	2.3	2.3	2.3	2.3	2.1	2.0	2.2	2.4	2.4
82.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.9	3.5	3.7
80°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.9	3.5	4.1
77.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4	3.0	3.6	4.1
75°	2.3	2.3	2.3	2.4	2.5	2.3	2.3	2.5	3.0	3.6	4.2
72.5°	2.3	2.3	2.3	2.6	2.9	3.0	2.7	2.5	3.1	3.6	4.2
70°	2.6	2.4	2.3	2.7	3.2	3.7	3.6	3.7	3.2	3.7	4.3
67.5°	3.4	3.5	3.2	3.2	3.3	3.9	4.4	5.2	5.1	3.8	4.3
65°	3.5	4.1	4.8	6.5	5.7	4.0	4.5	9.0	7.2	6.1	4.4
62.5°	7.6	4.2	14.5	19.4	11.0	8.6	6.8	20.0	12.6	8.5	6.1
60°	18.1	14.8	40.5	64.9	45.3	15.3	22.4	34.7	31.9	11.0	8.7
57.5°	168.5	57.9	84.0	121.4	119.2	64.7	47.2	62.9	54.2	31.2	12.2
55°	359.6	302.6	199.8	183.0	197.7	159.6	103.9	101.9	83.6	57.9	19.8
52.5°	493.3	514.8	448.1	313.1	272.6	259.7	202.9	147.8	131.2	86.9	50.3
50°	714.1	665.0	658.3	552.7	382.3	346.0	299.5	230.9	184.1	124.3	85.0
47.5°	1008.7	886.1	821.1	773.6	609.9	441.1	392.8	315.8	242.5	179.2	121.4
45°	1441.6	1145.3	1019.6	942.6	835.8	620.3	491.6	398.2	316.1	240.5	159.4
42.5°	1876.2	1480.8	1246.2	1121.8	1010.7	822.7	597.2	493.2	387.7	303.0	207.7
40°	2259.8	1826.8	1484.4	1324.4	1182.5	1018.2	768.3	595.0	458.0	367.3	262.6
37.5°	2721.7	2220.7	1758.5	1536.8	1365.5	1181.5	941.8	701.2	542.4	434.7	317.6
35°	3168.5	2730.6	2065.2	1793.4	1569.2	1348.9	1109.0	826.8	646.1	503.3	372.6
32.5°	3648.3	3210.2	2528.6	2079.9	1780.1	1520.0	1265.3	979.5	750.4	572.6	427.5
30°	4026.0	3525.9	2935.1	2366.8	2009.6	1711.0	1421.3	1126.0	855.0	642.6	482.8
27.5°	4226.2	3799.1	3256.0	2686.5	2267.9	1906.7	1582.0	1266.0	959.4	719.5	540.4
25°	4433.3	3991.5	3485.4	2965.9	2522.9	2114.0	1742.1	1399.5	1073.4	806.2	597.4
22.5°	4681.0	4155.1	3678.7	3187.3	2785.9	2324.1	1910.0	1534.6	1187.4	891.3	653.5
20°	4929.7	4307.0	3869.6	3488.7	3044.0	2551.4	2085.5	1666.5	1294.9	974.1	708.3
17.5°	5190.8	4582.9	4193.5	3782.7	3301.3	2771.7	2258.4	1794.2	1395.8	1054.3	761.6
15°	5645.2	4995.9	4519.8	4068.9	3557.3	2983.6	2427.1	1916.9	1489.9	1131.4	811.2
12.5°	6057.8	5380.5	4846.4	4345.5	3809.0	3185.7	2590.0	2033.6	1577.1	1192.8	855.4
10°	6399.2	5737.1	5169.2	4611.1	4053.3	3376.4	2745.1	2128.7	1629.4	1238.7	896.1
7.5°	6678.7	6066.6	5484.0	4863.9	4263.3	3501.1	2823.4	2184.2	1669.9	1277.7	933.1
5°	6880.8	6286.5	5651.2	4951.9	4328.9	3552.3	2876.6	2229.3	1702.5	1310.2	966.5
2.5°	6939.0	6354.1	5714.0	5000.1	4373.2	3585.4	2914.5	2263.8	1727.7	1336.7	996.2
0°	6972.8	6398.6	5753.3	5029.8	4395.9	3601.2	2937.5	2287.5	1745.5	1357.4	1022.0
-2.5°	7020.1	6437.0	5791.3	5106.0	4411.0	3649.4	2950.5	2303.0	1768.0	1364.8	1037.1
-5°	7043.8	6452.0	5809.5	5157.2	4407.0	3678.2	2948.9	2307.9	1782.6	1367.4	1048.1
-7.5°	7033.4	6446.9	5810.2	5173.3	4387.1	3684.8	2932.9	2302.7	1788.6	1365.5	1055.0
-10°	7001.7	6420.8	5787.9	5131.8	4368.8	3658.8	2904.3	2288.1	1785.1	1359.6	1057.6
-12.5°	6953.5	6371.9	5742.6	5072.0	4330.5	3605.1	2870.7	2263.0	1770.7	1350.2	1055.8
-15°	6890.9	6300.8	5673.7	4996.1	4267.6	3533.7	2820.1	2226.6	1742.6	1339.5	1049.6
-17.5°	6810.6	6208.1	5580.8	4906.0	4179.0	3445.2	2752.2	2179.1	1707.5	1326.5	1037.0
-20°	6667.3	6083.6	5462.9	4803.7	4064.0	3340.3	2666.7	2120.7	1665.7	1308.0	1018.9



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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°	6506.2	5929.5	5315.8	4665.5	3925.5	3219.7	2563.2	2051.2	1617.5	1283.9	997.2
-25°	6334.4	5756.0	5144.9	4474.2	3772.4	3092.3	2459.7	1970.8	1563.2	1254.0	972.0
-27.5°	6132.7	5559.5	4951.3	4263.6	3594.8	2944.5	2360.4	1899.6	1510.7	1218.4	943.4
-30°	5905.9	5328.4	4709.2	4038.9	3400.0	2773.4	2249.1	1823.6	1466.3	1179.6	911.5
-32.5°	5645.9	5073.8	4441.0	3808.9	3194.2	2592.0	2126.2	1742.2	1414.9	1138.3	882.0
-35°	5350.1	4777.6	4156.8	3561.9	2976.2	2445.5	2006.0	1655.9	1356.7	1093.8	850.9
-37.5°	5042.0	4459.7	3872.5	3304.0	2744.5	2286.9	1897.9	1570.7	1291.7	1046.0	816.5
-40°	4690.1	4132.6	3574.1	3038.4	2543.9	2116.5	1781.0	1486.5	1230.2	995.2	779.0
-42.5°	4327.6	3789.5	3262.9	2757.2	2345.9	1977.8	1658.5	1395.9	1165.3	946.1	738.2
-45°	3936.8	3427.3	2932.0	2520.3	2144.5	1830.9	1551.3	1302.0	1096.1	895.8	696.1
-47.5°	3524.6	3045.4	2631.3	2273.4	1973.2	1683.3	1437.2	1220.7	1023.5	842.0	653.9
-50°	3087.9	2689.9	2354.2	2058.8	1788.6	1550.4	1323.6	1135.6	956.8	782.4	609.7
-52.5°	2700.8	2381.9	2104.3	1851.4	1625.9	1410.6	1225.7	1048.4	888.2	725.5	563.4
-55°	2369.2	2107.9	1873.5	1663.1	1464.5	1290.8	1124.0	970.9	817.6	668.4	516.7
-57.5°	2082.9	1854.5	1666.9	1484.1	1320.2	1172.0	1031.4	891.7	750.1	609.3	479.5
-60°	1807.8	1637.3	1470.3	1323.5	1184.6	1058.9	944.0	812.6	681.8	550.2	438.4
-62.5°	1570.2	1424.6	1298.4	1170.4	1055.1	952.6	855.9	735.1	611.7	495.5	393.8
-65°	1347.6	1235.7	1128.3	1026.1	930.4	843.5	765.4	655.8	541.3	437.6	347.4
-67.5°	1136.1	1051.8	967.4	881.7	806.4	736.1	669.3	570.2	467.8	376.6	301.4
-70°	947.1	875.2	809.1	745.3	684.3	625.7	562.6	479.0	390.9	321.9	254.3
-72.5°	768.7	716.2	661.2	608.9	563.8	512.2	454.2	389.1	327.3	266.3	206.1
-75°	603.7	569.0	530.3	488.7	446.6	400.6	362.3	316.7	262.8	209.6	166.1
-77.5°	483.0	449.2	410.4	377.2	349.1	317.6	282.8	243.2	200.5	163.0	128.4
-80°	356.3	330.4	308.4	289.4	263.3	234.6	205.7	176.9	145.7	116.7	90.0
-82.5°	217.3	211.6	205.6	196.7	175.0	153.7	132.8	112.2	90.2	69.7	57.7
-85°	108.7	106.5	103.2	98.6	85.3	72.3	66.2	60.1	52.6	45.5	38.6
-87.5°	35.7	38.4	40.6	42.1	39.2	36.2	33.1	30.1	26.4	22.8	19.3
-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°	2.4	2.0	1.6	1.2	0.8	0.5	0.0
82.5°	3.6	3.0	2.4	1.8	1.2	0.8	0.0
80°	4.6	4.0	3.2	2.4	1.6	1.0	0.0
77.5°	4.6	4.6	4.0	3.0	2.0	1.3	0.0
75°	4.7	4.8	4.6	3.6	2.4	1.5	0.0
72.5°	4.7	4.9	4.8	4.1	2.8	1.7	0.0
70°	4.8	5.1	5.1	4.6	3.2	2.0	0.0
67.5°	5.4	5.3	5.3	4.9	3.7	2.2	0.0
65°	6.2	6.1	5.5	5.1	4.1	2.5	0.0
62.5°	7.2	7.6	5.8	5.3	4.5	2.7	0.0
60°	8.5	9.2	6.0	5.6	4.9	3.0	0.0
57.5°	15.7	11.1	7.8	5.8	5.2	3.2	0.0
55°	25.1	13.1	9.7	6.1	5.4	3.4	0.0
52.5°	36.0	16.7	11.7	6.3	5.7	3.6	0.0
50°	48.5	28.5	13.9	6.6	5.9	3.9	0.0
47.5°	65.2	41.2	16.1	7.2	6.2	4.1	0.0
45°	98.3	54.8	18.3	8.9	6.5	4.3	0.0
42.5°	132.2	69.3	20.7	10.7	6.8	4.5	0.0
40°	166.9	84.6	27.9	12.9	7.1	4.7	0.0
37.5°	202.3	100.7	39.9	15.7	7.4	4.9	0.0
35°	238.2	125.1	52.0	18.7	7.7	5.1	0.0
32.5°	277.1	153.4	64.3	22.1	8.0	5.3	0.0
30°	321.6	181.5	76.8	25.8	8.3	5.5	0.0
27.5°	365.3	209.2	92.1	29.6	8.6	5.6	0.0
25°	407.9	236.5	107.8	33.7	8.9	5.8	0.0
22.5°	449.3	264.4	123.5	38.0	9.2	6.0	0.0
20°	489.2	294.3	139.0	42.4	9.5	6.1	0.0
17.5°	528.8	323.2	154.3	46.8	9.8	6.3	0.0
15°	566.8	351.0	169.2	51.3	10.0	6.4	0.0
12.5°	602.3	377.5	183.5	55.8	10.3	6.5	0.0
10°	635.2	402.6	197.3	60.2	10.6	6.6	0.0
7.5°	665.5	426.0	210.3	64.4	10.8	6.7	0.0
5°	693.0	447.6	222.5	68.5	11.1	6.8	0.0
2.5°	717.7	467.2	233.6	72.3	11.3	6.8	0.0
0°	739.5	484.6	243.5	75.8	11.5	6.9	0.0
-2.5°	750.3	495.6	252.8	80.7	13.3	7.3	0.0
-5°	758.2	504.3	260.6	85.3	15.1	7.7	0.0
-7.5°	763.3	510.7	267.1	89.3	16.8	8.0	0.0
-10°	765.6	514.7	271.9	92.9	18.4	8.4	0.0
-12.5°	765.2	516.3	275.2	95.8	20.0	8.7	0.0
-15°	762.2	515.5	276.7	98.2	21.5	9.0	0.0
-17.5°	756.6	512.4	276.5	99.9	22.9	9.2	0.0
-20°	748.0	507.0	274.5	100.9	24.2	9.4	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	735.5	499.3	270.7	101.2	25.3	9.6	0.0
-25°	720.1	487.3	264.9	100.8	26.3	9.8	0.0
-27.5°	701.8	472.3	257.2	99.5	27.2	9.9	0.0
-30°	680.6	455.3	247.5	97.5	27.9	10.0	0.0
-32.5°	656.6	436.2	236.3	94.6	28.4	10.0	0.0
-35°	630.6	415.2	223.8	90.9	28.8	10.0	0.0
-37.5°	602.7	394.1	210.0	86.4	29.0	9.9	0.0
-40°	572.7	375.0	195.0	81.0	29.0	9.8	0.0
-42.5°	540.5	354.5	183.6	75.1	28.9	9.7	0.0
-45°	506.3	332.7	175.8	69.3	28.5	9.5	0.0
-47.5°	470.2	309.6	166.6	62.5	28.0	9.2	0.0
-50°	440.0	285.3	156.1	60.3	27.3	9.0	0.0
-52.5°	409.8	259.8	144.2	59.1	26.4	8.6	0.0
-55°	378.4	240.6	131.0	57.3	25.4	8.3	0.0
-57.5°	345.9	221.0	116.5	54.8	24.2	7.9	0.0
-60°	312.8	199.6	101.4	51.7	22.8	7.4	0.0
-62.5°	282.6	176.6	94.2	48.0	21.4	7.0	0.0
-65°	250.3	151.9	86.0	43.8	19.9	6.4	0.0
-67.5°	215.9	131.3	76.8	39.1	18.3	5.9	0.0
-70°	179.6	114.9	66.8	33.9	16.5	5.3	0.0
-72.5°	151.9	97.3	56.1	29.9	14.7	4.7	0.0
-75°	124.2	78.6	44.6	26.0	12.8	4.1	0.0
-77.5°	95.1	59.0	36.9	21.9	10.8	3.4	0.0
-80°	64.9	44.9	29.8	17.7	8.7	2.8	0.0
-82.5°	47.7	34.0	22.5	13.4	6.6	2.1	0.0
-85°	32.0	22.8	15.1	9.0	4.4	1.4	0.0
-87.5°	16.0	11.4	7.6	4.5	2.2	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)