

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: P645419 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA3C-730-U-LAM-VSR-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645419 (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-SA3C-730-U-LAM-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, LAMBERTIAN WITH VISOR
Light Source: (48) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12521 lumens
Efficiency: N/A
Efficacy: 102.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 7H x 7V
Max Intensity: 5339.9 candela
Max Intensity Angle: 0°H x -20°V

Beam Angle (50%): 105.6°H x 93.7°V
Beam Lumens: 9788.2 lumens
Beam Efficiency: 78.2%

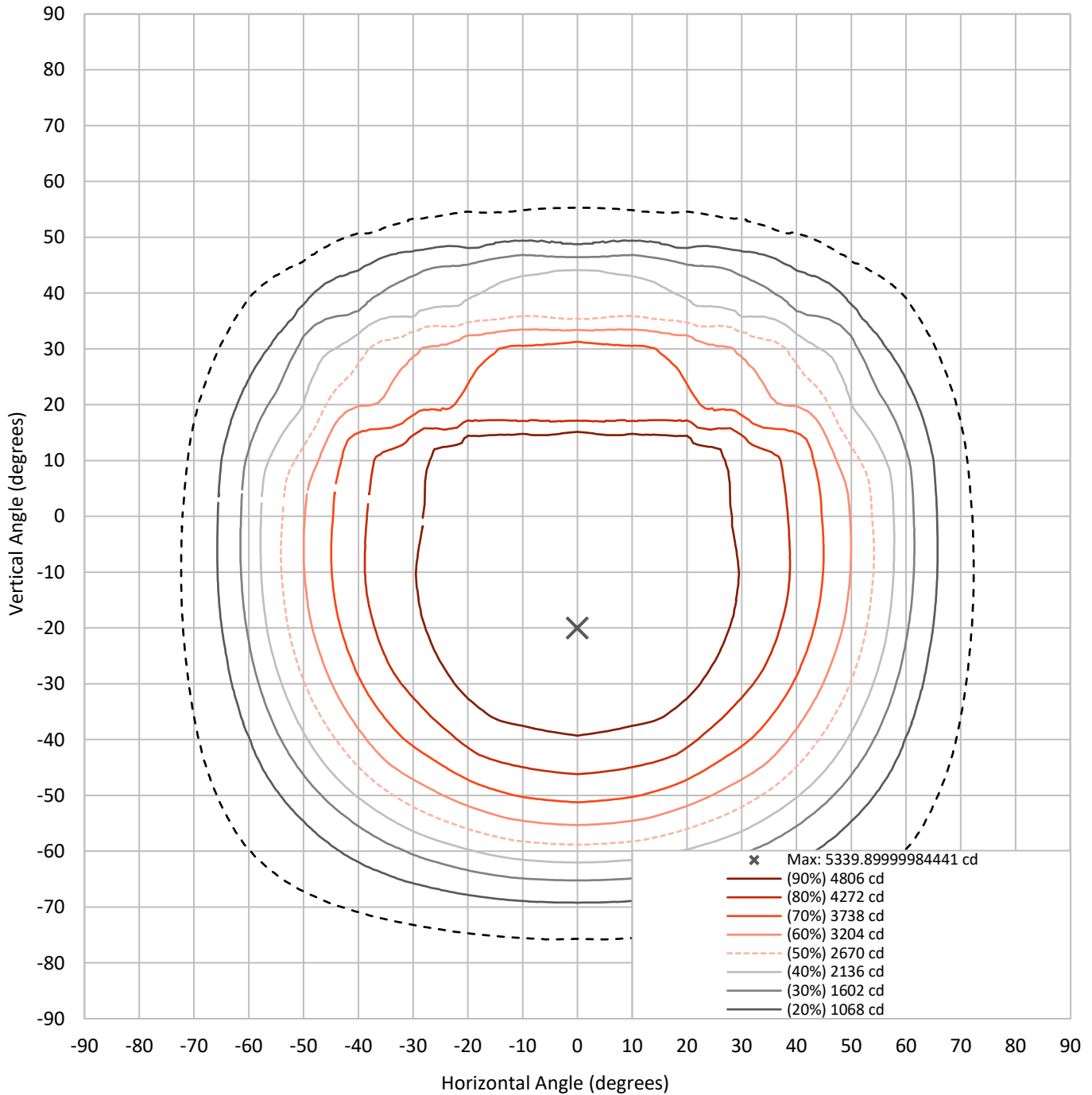
Field Angle (10%): 144°H x 131.2°V
Field Lumens: 12272.3 lumens
Field Efficiency: 98.0%

Input Watts (W): 121.7
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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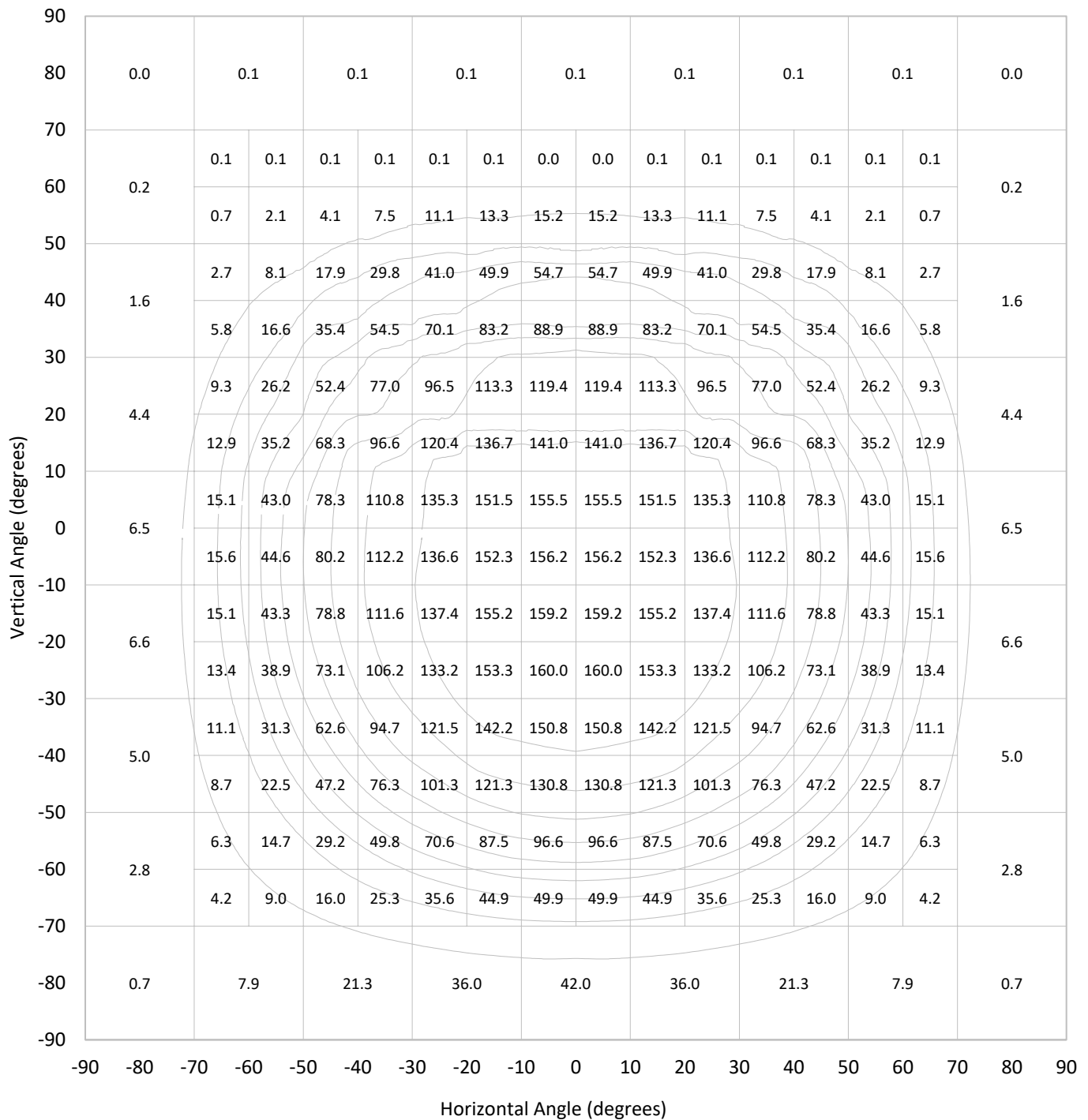
Iso-Candela Plot





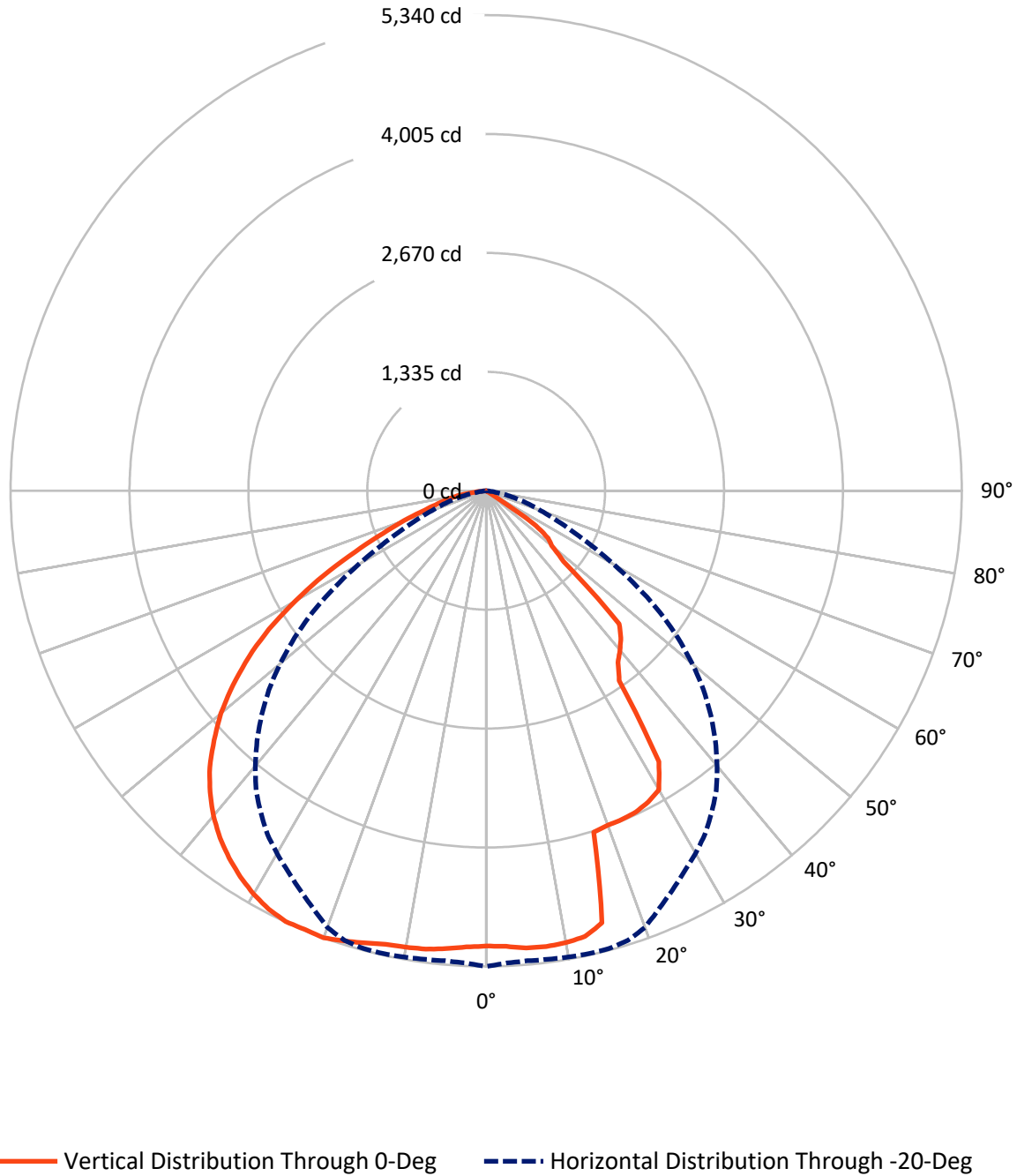
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Lumen Table



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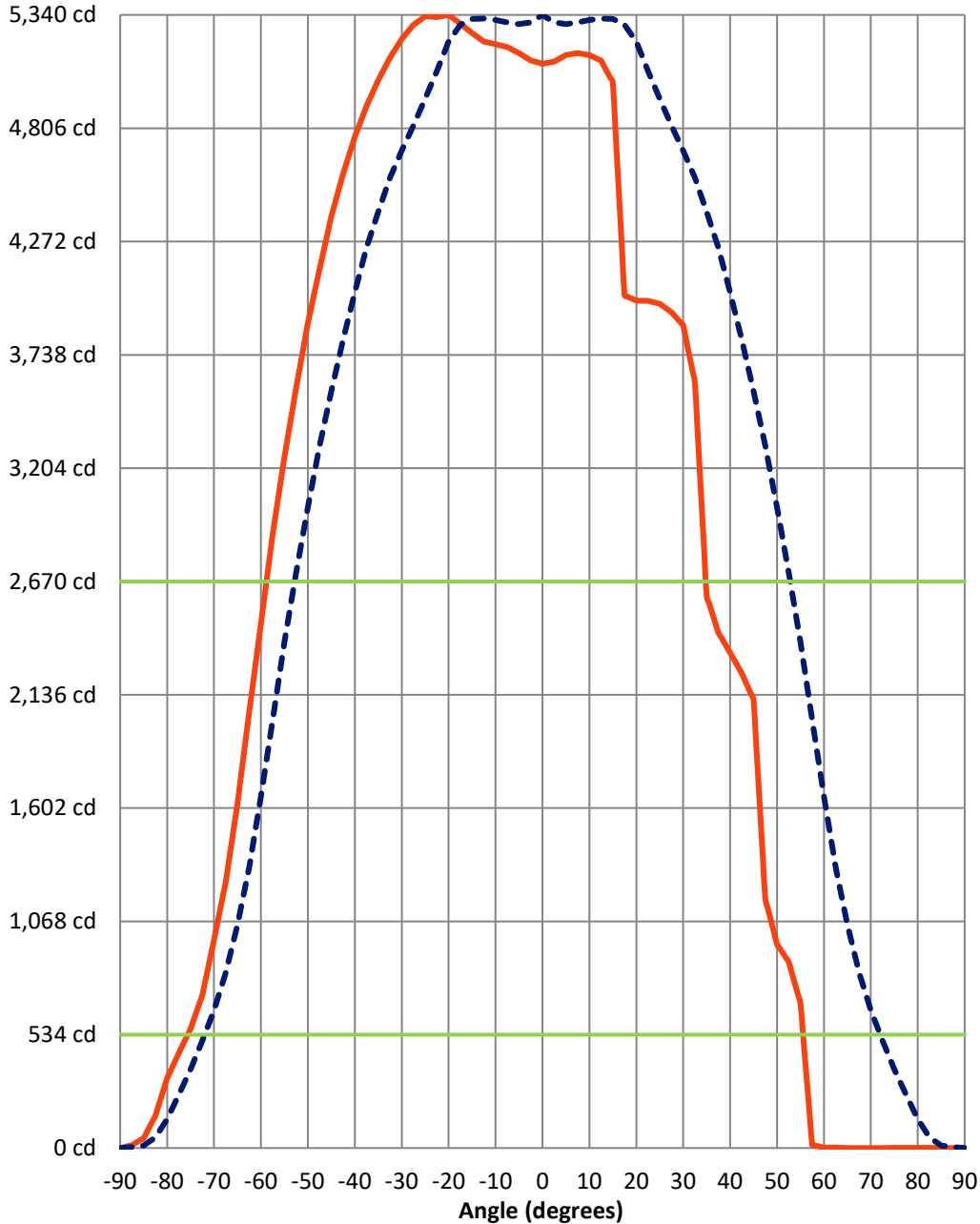
Luminous Intensity Polar Plot





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Luminous Intensity Plot



Beam:
 H Angle: 105.6°
 V Angle: 93.7°
 Lumens: 9788.2
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 12272.3
 Efficiency: 98.0%

Spill:
 Lumens: 248.6
 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	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.5	0.5
85°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.2	1.2	1.1	0.9
82.5°	0.0	0.4	0.6	0.9	1.2	1.5	1.8	1.8	1.7	1.4	1.1
80°	0.0	0.5	0.8	1.2	1.6	2.0	2.3	2.0	1.7	1.4	1.1
77.5°	0.0	0.6	1.0	1.5	2.0	2.3	2.3	2.0	1.8	1.5	1.2
75°	0.0	0.7	1.2	1.8	2.3	2.4	2.3	2.1	1.8	1.5	1.2
72.5°	0.0	0.9	1.4	2.1	2.4	2.5	2.4	2.1	1.8	1.5	1.2
70°	0.0	1.0	1.6	2.3	2.5	2.5	2.4	2.1	1.8	1.6	1.8
67.5°	0.0	1.1	1.8	2.4	2.6	2.6	2.7	2.2	1.9	2.5	2.6
65°	0.0	1.2	2.0	2.5	2.7	3.0	3.1	2.2	3.0	3.6	4.5
62.5°	0.0	1.3	2.2	2.7	2.9	3.8	3.6	3.1	4.2	6.2	9.9
60°	0.0	1.5	2.4	2.8	3.0	4.6	4.2	4.3	5.5	15.8	17.2
57.5°	0.0	1.6	2.6	2.9	3.9	5.5	7.8	6.0	15.5	26.9	31.2
55°	0.0	1.7	2.7	3.0	4.8	6.5	12.4	9.8	28.7	41.5	50.6
52.5°	0.0	1.8	2.8	3.1	5.8	8.3	17.8	24.9	43.1	65.1	73.4
50°	0.0	1.9	2.9	3.2	6.9	14.1	24.0	42.2	61.7	91.4	114.6
47.5°	0.0	2.0	3.1	3.5	7.9	20.4	32.3	60.2	88.9	120.4	156.7
45°	0.0	2.1	3.2	4.4	9.1	27.2	48.8	79.1	119.4	156.9	197.6
42.5°	0.0	2.2	3.4	5.3	10.2	34.4	65.6	103.1	150.4	192.4	244.8
40°	0.0	2.3	3.5	6.4	13.8	42.0	82.8	130.3	182.3	227.3	295.3
37.5°	0.0	2.4	3.6	7.7	19.7	50.0	100.4	157.6	215.8	269.2	348.0
35°	0.0	2.5	3.8	9.3	25.8	62.1	118.2	184.9	249.8	320.7	410.4
32.5°	0.0	2.6	3.9	10.9	31.9	76.1	137.6	212.1	284.2	372.5	486.2
30°	0.0	2.7	4.1	12.7	38.1	90.1	159.7	239.6	318.9	424.4	558.9
27.5°	0.0	2.8	4.2	14.7	45.7	103.9	181.3	268.2	357.1	476.2	628.4
25°	0.0	2.9	4.4	16.7	53.5	117.4	202.5	296.5	400.2	532.8	694.7
22.5°	0.0	2.9	4.5	18.8	61.3	131.3	223.0	324.3	442.4	589.4	761.8
20°	0.0	3.0	4.7	21.0	69.0	146.1	242.8	351.6	483.5	642.7	827.2
17.5°	0.0	3.1	4.8	23.2	76.5	160.4	262.4	378.0	523.3	692.8	890.6
15°	0.0	3.1	5.0	25.4	83.9	174.2	281.3	402.6	561.5	739.5	951.5
12.5°	0.0	3.2	5.1	27.7	91.1	187.4	298.9	424.6	592.1	782.8	1009.4
10°	0.0	3.3	5.2	29.8	97.9	199.8	315.3	444.8	614.8	808.8	1056.6
7.5°	0.0	3.3	5.4	32.0	104.4	211.4	330.3	463.2	634.2	828.9	1084.2
5°	0.0	3.3	5.5	34.0	110.4	222.1	344.0	479.8	650.4	845.1	1106.6
2.5°	0.0	3.4	5.6	35.9	115.9	231.9	356.3	494.5	663.5	857.6	1123.7
0°	0.0	3.4	5.7	37.6	120.8	240.5	367.1	507.3	673.8	866.4	1135.5
-2.5°	0.0	3.6	6.6	40.1	125.4	246.0	372.5	514.8	677.5	877.6	1143.2
-5°	0.0	3.8	7.5	42.3	129.3	250.3	376.4	520.3	678.7	884.8	1145.6
-7.5°	0.0	4.0	8.3	44.3	132.5	253.5	378.9	523.7	677.8	887.8	1143.0
-10°	0.0	4.1	9.1	46.1	134.9	255.5	380.0	525.0	674.9	886.1	1135.7
-12.5°	0.0	4.3	9.9	47.6	136.6	256.3	379.8	524.1	670.2	878.9	1123.3
-15°	0.0	4.4	10.7	48.7	137.3	255.9	378.3	521.0	664.9	865.0	1105.2
-17.5°	0.0	4.5	11.3	49.6	137.2	254.4	375.6	514.7	658.4	847.6	1081.7
-20°	0.0	4.7	12.0	50.1	136.3	251.7	371.3	505.8	649.2	826.8	1052.7

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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	4.8	12.5	50.2	134.3	247.8	365.1	495.0	637.2	802.9	1018.2
-25°	0.0	4.8	13.0	50.0	131.5	241.9	357.5	482.5	622.4	775.9	978.3
-27.5°	0.0	4.9	13.5	49.4	127.7	234.5	348.4	468.3	604.8	749.8	942.9
-30°	0.0	4.9	13.8	48.4	122.9	226.0	337.9	452.4	585.5	727.8	905.2
-32.5°	0.0	4.9	14.1	47.0	117.3	216.5	326.0	437.8	565.0	702.3	864.8
-35°	0.0	4.9	14.3	45.1	111.1	206.1	313.1	422.4	542.9	673.4	821.9
-37.5°	0.0	4.9	14.4	42.9	104.2	195.6	299.2	405.3	519.2	641.1	779.6
-40°	0.0	4.8	14.4	40.2	96.8	186.1	284.3	386.7	493.9	610.6	737.8
-42.5°	0.0	4.8	14.3	37.3	91.1	175.9	268.3	366.5	469.6	578.4	692.8
-45°	0.0	4.7	14.1	34.4	87.3	165.1	251.3	345.6	444.6	544.0	646.2
-47.5°	0.0	4.6	13.9	31.0	82.7	153.7	233.4	324.6	417.9	508.0	605.9
-50°	0.0	4.4	13.5	29.9	77.5	141.6	218.4	302.6	388.4	474.9	563.7
-52.5°	0.0	4.3	13.1	29.3	71.6	129.0	203.4	279.7	360.2	440.9	520.4
-55°	0.0	4.1	12.6	28.4	65.0	119.4	187.8	256.4	331.8	405.9	481.9
-57.5°	0.0	3.9	12.0	27.2	57.8	109.7	171.7	238.0	302.4	372.3	442.7
-60°	0.0	3.7	11.3	25.6	50.3	99.1	155.3	217.6	273.1	338.4	403.4
-62.5°	0.0	3.4	10.6	23.8	46.7	87.6	140.3	195.4	245.9	303.6	364.9
-65°	0.0	3.2	9.8	21.7	42.7	75.4	124.2	172.4	217.2	268.6	325.5
-67.5°	0.0	2.9	9.0	19.4	38.1	65.2	107.1	149.6	186.9	232.2	283.0
-70°	0.0	2.6	8.2	16.8	33.2	57.0	89.1	126.2	159.8	194.0	237.7
-72.5°	0.0	2.3	7.3	14.8	27.8	48.3	75.4	102.3	132.2	162.5	193.1
-75°	0.0	2.0	6.3	12.9	22.1	39.0	61.6	82.4	104.0	130.5	157.2
-77.5°	0.0	1.7	5.3	10.8	18.3	29.3	47.2	63.7	80.9	99.5	120.7
-80°	0.0	1.4	4.3	8.8	14.8	22.3	32.2	44.7	57.9	72.3	87.8
-82.5°	0.0	1.0	3.2	6.6	11.2	16.9	23.7	28.7	34.6	44.7	55.7
-85°	0.0	0.7	2.2	4.4	7.5	11.3	15.9	19.2	22.6	26.1	29.8
-87.5°	0.0	0.3	1.1	2.2	3.8	5.7	8.0	9.6	11.3	13.1	14.9
-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-SA3C-730-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°	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.8	0.8	0.8	0.9
85°	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
82.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
80°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
77.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
75°	1.1	1.1	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
72.5°	1.3	1.4	1.4	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
70°	1.8	1.8	1.6	1.3	1.1	1.2	1.3	1.2	1.1	1.1	1.1
67.5°	2.2	1.9	1.6	1.5	1.6	1.7	1.7	1.4	1.1	1.1	1.1
65°	2.3	2.0	2.8	3.2	2.4	2.0	1.7	1.4	1.5	1.6	1.6
62.5°	3.4	4.3	5.5	9.7	7.2	2.1	3.8	4.4	3.3	2.7	2.9
60°	11.1	7.6	22.5	32.2	20.1	7.4	9.0	29.8	25.9	4.8	16.1
57.5°	23.4	32.1	59.2	60.2	41.7	28.8	83.6	96.6	73.1	42.6	65.2
55°	51.6	79.2	98.1	90.8	99.2	150.2	178.5	160.3	134.9	207.6	265.3
52.5°	100.7	128.9	135.3	155.4	222.4	255.5	244.8	261.8	339.6	421.7	439.5
50°	148.6	171.7	189.7	274.3	326.8	330.1	354.4	431.5	535.1	585.4	573.2
47.5°	195.0	218.9	302.7	384.0	407.6	439.8	500.8	649.4	759.1	761.3	748.9
45°	244.0	307.9	414.8	467.9	506.1	568.5	715.6	920.6	931.2	961.0	1144.2
42.5°	296.4	408.3	501.7	556.8	618.6	735.1	931.3	1065.8	1112.1	1242.5	1389.8
40°	381.3	505.4	586.9	657.4	736.8	906.8	1121.7	1247.8	1285.3	1398.2	1508.9
37.5°	467.5	586.4	677.8	762.8	872.9	1102.3	1351.0	1454.9	1473.9	1494.5	1740.0
35°	550.5	669.6	778.9	890.2	1025.2	1355.4	1572.8	1670.5	1667.4	1806.8	2063.8
32.5°	628.1	754.5	883.6	1032.4	1255.1	1593.5	1810.9	1869.4	1958.1	2160.9	2511.7
30°	705.5	849.3	997.5	1174.8	1456.9	1750.2	1998.4	2092.5	2244.6	2476.0	2731.3
27.5°	785.3	946.4	1125.7	1333.5	1616.2	1885.8	2097.7	2322.7	2470.4	2677.8	2859.4
25°	864.7	1049.3	1252.3	1472.2	1730.0	1981.3	2200.5	2460.3	2618.9	2786.1	2955.5
22.5°	948.1	1153.6	1382.9	1582.1	1826.0	2062.5	2323.5	2605.3	2811.5	2917.7	3031.5
20°	1035.2	1266.5	1511.0	1731.7	1920.8	2137.9	2447.0	2789.3	3055.6	3175.1	3190.7
17.5°	1121.0	1375.8	1638.7	1877.6	2081.6	2274.8	2576.6	3009.8	3340.9	3452.1	3501.5
15°	1204.8	1481.0	1765.7	2019.7	2243.5	2479.8	2802.1	3242.7	3621.2	3744.2	3821.9
12.5°	1285.6	1581.3	1890.7	2157.0	2405.6	2670.7	3006.9	3410.2	3755.7	3993.6	4136.3
10°	1362.6	1675.9	2012.0	2288.9	2565.8	2847.7	3176.4	3535.0	3816.2	4045.7	4248.3
7.5°	1401.5	1737.8	2116.2	2414.3	2722.1	3011.4	3315.2	3622.9	3859.8	4084.9	4280.7
5°	1427.9	1763.3	2148.7	2458.0	2805.1	3120.5	3415.5	3680.7	3888.3	4111.3	4302.7
2.5°	1446.7	1779.8	2170.8	2482.0	2836.3	3154.0	3444.3	3700.1	3911.8	4130.3	4326.2
0°	1458.1	1787.6	2182.0	2496.7	2855.8	3176.1	3461.1	3707.4	3927.4	4139.4	4350.3
-2.5°	1464.5	1811.5	2189.5	2534.5	2874.6	3195.1	3484.6	3725.0	3954.9	4156.7	4368.1
-5°	1463.8	1825.8	2187.5	2559.9	2883.6	3202.6	3496.4	3733.0	3969.8	4169.6	4375.3
-7.5°	1455.8	1829.1	2177.6	2567.9	2884.0	3200.1	3491.2	3736.8	3969.6	4181.4	4376.0
-10°	1441.6	1816.1	2168.5	2547.3	2873.0	3187.1	3475.5	3728.4	3960.3	4179.1	4372.2
-12.5°	1424.9	1789.5	2149.5	2517.6	2850.5	3162.8	3451.5	3707.1	3943.0	4161.1	4363.5
-15°	1399.8	1754.0	2118.3	2479.9	2816.2	3127.5	3420.5	3672.2	3916.2	4129.9	4337.6
-17.5°	1366.1	1710.1	2074.4	2435.2	2770.2	3081.5	3380.6	3626.2	3869.1	4089.8	4290.3
-20°	1323.7	1658.0	2017.3	2384.4	2711.6	3019.7	3309.5	3566.7	3808.0	4032.5	4243.2



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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°	1272.3	1598.2	1948.5	2315.8	2638.6	2943.2	3229.5	3490.9	3740.9	3958.0	4182.5
-25°	1220.9	1534.9	1872.5	2220.9	2553.8	2857.1	3144.2	3398.9	3654.4	3880.3	4093.5
-27.5°	1171.7	1461.6	1784.3	2116.4	2457.7	2759.6	3044.1	3298.9	3547.0	3794.0	3999.3
-30°	1116.4	1376.7	1687.6	2004.8	2337.5	2644.9	2931.5	3195.9	3432.0	3675.9	3896.3
-32.5°	1055.4	1286.6	1585.5	1890.6	2204.4	2518.5	2802.5	3065.1	3310.7	3541.4	3772.8
-35°	995.7	1213.9	1477.3	1768.0	2063.3	2371.5	2655.7	2915.8	3170.7	3399.2	3620.3
-37.5°	942.1	1135.1	1362.3	1640.0	1922.2	2213.7	2502.7	2754.5	2997.1	3248.3	3463.9
-40°	884.0	1050.6	1262.7	1508.2	1774.1	2051.3	2328.1	2588.5	2816.5	3064.9	3302.0
-42.5°	823.2	981.7	1164.4	1368.6	1619.6	1881.0	2148.2	2402.9	2639.7	2873.9	3109.0
-45°	770.0	908.8	1064.4	1251.0	1455.4	1701.2	1954.1	2208.1	2435.3	2658.5	2890.7
-47.5°	713.4	835.5	979.4	1128.4	1306.1	1511.7	1749.5	1983.7	2216.3	2428.7	2634.1
-50°	657.0	769.6	887.8	1021.9	1168.6	1335.2	1532.7	1750.5	1963.0	2181.0	2384.5
-52.5°	608.4	700.2	807.0	919.0	1044.5	1182.3	1340.6	1519.5	1712.7	1897.8	2100.8
-55°	557.9	640.7	727.0	825.5	929.9	1046.3	1176.0	1326.4	1473.8	1645.0	1810.7
-57.5°	512.0	581.8	655.3	736.7	827.4	920.5	1033.9	1150.8	1284.6	1417.7	1548.9
-60°	468.6	525.6	588.0	656.9	729.8	812.7	897.3	997.8	1105.5	1211.7	1323.0
-62.5°	424.9	472.9	523.7	581.0	644.5	707.1	779.4	856.8	936.1	1026.1	1113.8
-65°	379.9	418.8	461.9	509.3	560.1	613.4	668.9	726.2	793.6	859.6	923.4
-67.5°	332.2	365.4	400.3	437.7	480.2	522.1	563.9	612.3	661.9	710.8	761.3
-70°	279.2	310.5	339.6	370.0	401.6	434.4	470.1	505.6	540.6	577.2	617.8
-72.5°	225.4	254.3	279.8	302.2	328.2	355.5	381.6	406.5	432.9	460.7	488.2
-75°	179.8	198.9	221.7	242.6	263.2	282.4	299.6	320.8	342.8	363.0	379.6
-77.5°	140.4	157.7	173.3	187.3	203.7	223.0	239.7	254.1	268.1	283.4	299.6
-80°	102.1	116.5	130.7	143.7	153.1	164.0	176.8	191.5	204.3	214.6	224.1
-82.5°	65.9	76.3	86.9	97.7	102.1	105.1	107.9	113.0	120.9	128.7	136.1
-85°	32.8	35.9	42.3	49.0	51.3	52.9	54.0	54.6	57.2	59.7	61.9
-87.5°	16.4	17.9	19.4	20.9	20.2	19.1	17.7	16.1	15.8	15.3	14.7
-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°	0.9	0.9	1.0	1.0	1.0	0.8	0.5	0.3	0.0	0.0	0.0
85°	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	0.8	0.5
82.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
80°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
77.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
75°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
72.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
70°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
67.5°	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	0.7
65°	1.6	1.5	1.6	1.6	1.4	1.3	1.4	1.4	1.2	1.0	0.7
62.5°	2.9	3.2	2.5	2.5	2.5	2.4	2.3	2.2	2.0	1.9	2.0
60°	17.9	10.5	6.2	7.2	6.5	4.3	5.5	6.4	6.5	6.0	5.3
57.5°	99.1	74.0	54.8	130.8	131.2	62.7	75.5	118.6	97.7	32.1	29.8
55°	275.7	329.7	434.0	412.2	418.9	481.8	526.1	465.7	456.5	486.5	562.0
52.5°	495.2	546.8	581.9	614.6	654.6	697.4	741.6	769.8	796.0	824.1	840.8
50°	632.5	705.1	754.9	736.5	839.8	882.1	839.2	877.5	924.4	937.2	943.2
47.5°	933.9	1040.3	1061.4	1130.0	1191.6	1190.3	1138.0	1141.0	1280.3	1403.2	1463.5
45°	1342.1	1345.7	1412.6	1533.7	1620.3	1593.1	1666.1	1832.2	1887.5	1941.0	1984.8
42.5°	1501.1	1567.0	1673.8	1780.9	1845.5	1901.4	1955.6	2016.6	2088.4	2146.6	2193.2
40°	1655.0	1708.1	1817.5	1903.8	1957.3	2009.6	2072.6	2140.2	2205.9	2257.1	2292.0
37.5°	1892.1	1933.2	1959.9	2040.0	2141.1	2094.4	2214.0	2299.8	2339.0	2390.9	2395.6
35°	2250.7	2223.3	2187.8	2506.5	2525.6	2418.0	2529.8	2662.8	2592.7	2738.6	2817.1
32.5°	2568.6	2564.5	2842.6	3010.2	2913.8	2992.5	3250.4	3238.9	3410.8	3490.5	3467.8
30°	2868.0	2970.2	3131.1	3255.9	3272.6	3396.7	3511.2	3611.5	3715.3	3808.3	3814.7
27.5°	3020.1	3153.4	3262.7	3334.9	3415.4	3519.8	3623.7	3736.7	3825.0	3883.3	3897.6
25°	3112.0	3248.3	3331.0	3408.7	3497.7	3587.7	3704.1	3827.2	3898.0	3934.0	3945.5
22.5°	3193.1	3315.5	3404.5	3467.5	3563.2	3660.2	3768.7	3872.8	3949.8	3965.5	3971.3
20°	3271.2	3388.8	3537.3	3630.1	3625.5	3734.7	3839.2	3922.0	3986.2	3985.9	3987.4
17.5°	3497.0	3538.9	3808.4	4013.0	3911.7	3858.3	4145.7	4151.2	4168.3	4134.3	4060.8
15°	3831.3	3907.7	4238.8	4460.5	4390.7	4387.0	4802.2	4699.3	4787.9	4764.7	4864.4
12.5°	4185.4	4275.9	4523.3	4741.1	4844.8	4870.3	5009.0	5138.9	5165.6	5155.1	5135.5
10°	4426.6	4555.5	4654.9	4787.1	4891.8	4998.5	5078.8	5172.1	5202.7	5185.0	5160.0
7.5°	4458.0	4585.4	4702.1	4818.1	4917.8	5003.8	5087.1	5163.1	5194.2	5183.9	5166.7
5°	4478.0	4593.4	4706.5	4824.2	4919.5	4999.2	5082.2	5159.2	5177.6	5165.2	5148.5
2.5°	4490.3	4597.1	4706.2	4823.3	4909.9	4985.7	5069.8	5152.0	5151.8	5146.4	5136.7
0°	4496.3	4603.4	4730.0	4836.0	4932.9	5004.7	5087.9	5167.7	5162.0	5147.2	5130.1
-2.5°	4509.1	4617.6	4746.8	4834.7	4943.9	5009.7	5095.7	5164.8	5162.2	5154.9	5146.4
-5°	4520.5	4642.6	4763.4	4855.8	4965.3	5051.4	5136.9	5190.9	5193.8	5183.6	5169.4
-7.5°	4527.5	4662.8	4778.1	4870.9	4977.1	5077.1	5163.9	5220.6	5221.8	5208.3	5191.3
-10°	4525.2	4668.1	4786.7	4882.6	4991.4	5090.2	5180.8	5252.8	5250.4	5237.5	5223.0
-12.5°	4516.6	4659.4	4781.2	4877.4	5000.9	5102.6	5204.6	5276.1	5279.9	5270.2	5254.5
-15°	4497.8	4645.2	4763.7	4868.8	4989.8	5108.7	5213.5	5292.4	5306.5	5298.6	5286.1
-17.5°	4460.7	4616.2	4741.9	4855.1	4971.3	5097.9	5217.1	5303.4	5322.6	5319.5	5309.2
-20°	4411.9	4572.4	4700.0	4818.6	4945.0	5075.6	5214.3	5293.1	5321.0	5322.8	5315.8



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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°	4357.1	4514.3	4649.6	4766.2	4903.3	5035.5	5161.1	5253.4	5300.3	5309.1	5309.6
-25°	4291.5	4452.9	4587.4	4711.6	4839.2	4975.6	5102.5	5205.6	5253.2	5275.9	5282.9
-27.5°	4198.7	4365.6	4497.9	4629.2	4759.0	4899.9	5033.3	5145.4	5184.0	5215.3	5227.8
-30°	4090.1	4255.1	4390.0	4510.0	4658.4	4802.1	4939.8	5037.6	5095.9	5131.7	5151.2
-32.5°	3965.1	4131.7	4273.3	4398.6	4539.7	4683.4	4812.9	4916.0	4996.5	5037.7	5058.6
-35°	3829.6	3999.6	4147.9	4279.9	4412.7	4549.7	4683.9	4791.8	4883.5	4918.9	4945.0
-37.5°	3666.1	3853.7	4005.8	4141.9	4268.1	4396.8	4536.6	4660.0	4749.0	4783.3	4810.9
-40°	3498.5	3679.8	3833.2	3978.4	4103.2	4243.8	4378.4	4507.7	4584.9	4625.0	4656.2
-42.5°	3321.6	3485.4	3631.2	3772.2	3911.2	4055.9	4190.5	4324.8	4391.6	4439.9	4478.2
-45°	3117.3	3269.8	3411.5	3543.5	3686.6	3828.9	3963.6	4082.3	4161.8	4224.7	4273.6
-47.5°	2845.0	3030.7	3173.0	3298.6	3440.5	3577.8	3708.2	3819.9	3907.1	3980.6	4037.5
-50°	2568.5	2746.7	2907.1	3048.2	3179.9	3306.8	3431.0	3540.2	3632.5	3712.2	3769.8
-52.5°	2296.1	2463.1	2622.3	2767.9	2894.5	3014.3	3127.9	3237.8	3335.1	3420.4	3476.0
-55°	1988.4	2161.4	2318.9	2454.6	2581.1	2699.6	2811.7	2915.9	3011.7	3098.5	3151.8
-57.5°	1699.7	1851.4	1997.9	2123.3	2242.7	2355.5	2461.9	2561.6	2653.8	2735.4	2786.9
-60°	1434.3	1544.9	1671.0	1786.8	1892.6	1988.6	2087.9	2180.9	2265.5	2337.3	2385.3
-62.5°	1199.7	1291.4	1382.4	1470.5	1556.3	1642.6	1725.6	1802.8	1873.5	1932.4	1974.4
-65°	990.7	1064.4	1130.2	1192.7	1252.1	1320.2	1383.3	1442.7	1497.7	1542.8	1574.8
-67.5°	815.8	867.5	913.1	955.9	1002.8	1050.9	1096.0	1135.3	1168.8	1195.6	1216.7
-70°	657.9	695.9	730.3	764.4	798.7	829.9	859.8	888.7	916.1	938.5	955.2
-72.5°	515.2	541.2	564.6	590.9	615.5	639.3	659.9	676.6	689.5	702.1	713.1
-75°	392.8	412.4	438.7	461.0	479.4	495.7	510.6	523.9	535.6	545.9	555.0
-77.5°	315.9	332.5	349.3	365.6	381.3	393.0	403.8	414.7	425.3	434.5	442.6
-80°	234.1	246.5	259.5	272.5	285.5	291.9	297.1	301.9	306.1	311.6	316.7
-82.5°	143.2	150.2	157.4	164.7	172.0	173.8	174.4	174.3	173.3	171.3	168.3
-85°	63.7	64.1	63.9	63.2	62.0	59.5	56.4	52.8	48.8	48.1	47.4
-87.5°	14.0	13.7	13.3	12.9	12.4	12.4	12.3	12.2	12.1	12.5	12.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645419 (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	0.3
85°	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.8	1.0	1.0
82.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
80°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
77.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
75°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
72.5°	1.1	1.1	0.6	0.0	0.6	1.1	1.1	1.1	1.1	1.1	1.1
70°	1.1	1.1	0.6	0.0	0.6	1.1	1.1	1.1	1.1	1.1	1.1
67.5°	0.4	0.1	0.0	0.0	0.0	0.1	0.4	0.7	1.0	1.1	1.1
65°	0.4	0.1	0.0	0.0	0.0	0.1	0.4	0.7	1.0	1.2	1.4
62.5°	2.1	2.2	2.3	2.3	2.3	2.2	2.1	2.0	1.9	2.0	2.2
60°	4.1	2.7	2.3	2.3	2.3	2.7	4.1	5.3	6.0	6.5	6.4
57.5°	25.2	18.8	16.0	14.8	16.0	18.8	25.2	29.8	32.1	97.7	118.6
55°	616.1	647.5	670.9	681.7	670.9	647.5	616.1	562.0	486.5	456.5	465.7
52.5°	855.4	869.1	877.0	876.7	877.0	869.1	855.4	840.8	824.1	796.0	769.8
50°	953.5	960.1	962.5	961.0	962.5	960.1	953.5	943.2	937.2	924.4	877.5
47.5°	1408.4	1286.5	1196.9	1175.4	1196.9	1286.5	1408.4	1463.5	1403.2	1280.3	1141.0
45°	2005.9	2052.1	2098.2	2112.5	2098.2	2052.1	2005.9	1984.8	1941.0	1887.5	1832.2
42.5°	2212.8	2227.9	2236.4	2236.7	2236.4	2227.9	2212.8	2193.2	2146.6	2088.4	2016.6
40°	2311.6	2325.8	2334.1	2334.8	2334.1	2325.8	2311.6	2292.0	2257.1	2205.9	2140.2
37.5°	2401.3	2413.4	2421.3	2429.4	2421.3	2413.4	2401.3	2395.6	2390.9	2339.0	2299.8
35°	2806.5	2714.7	2582.7	2602.7	2582.7	2714.7	2806.5	2817.1	2738.6	2592.7	2662.8
32.5°	3503.4	3541.9	3566.0	3607.0	3566.0	3541.9	3503.4	3467.8	3490.5	3410.8	3238.9
30°	3824.9	3837.6	3857.0	3877.2	3857.0	3837.6	3824.9	3814.7	3808.3	3715.3	3611.5
27.5°	3905.1	3918.3	3930.0	3938.8	3930.0	3918.3	3905.1	3897.6	3883.3	3825.0	3736.7
25°	3947.1	3955.3	3967.7	3978.7	3967.7	3955.3	3947.1	3945.5	3934.0	3898.0	3827.2
22.5°	3967.9	3968.7	3978.5	3992.4	3978.5	3968.7	3967.9	3971.3	3965.5	3949.8	3872.8
20°	3982.2	3974.5	3984.5	3993.5	3984.5	3974.5	3982.2	3987.4	3985.9	3986.2	3922.0
17.5°	4164.5	4060.5	4017.8	4018.6	4017.8	4060.5	4164.5	4060.8	4134.3	4168.3	4151.2
15°	4752.5	4791.5	4941.0	5021.8	4941.0	4791.5	4752.5	4864.4	4764.7	4787.9	4699.3
12.5°	5131.9	5118.0	5100.2	5124.4	5100.2	5118.0	5131.9	5135.5	5155.1	5165.6	5138.9
10°	5149.4	5147.8	5116.2	5150.6	5116.2	5147.8	5149.4	5160.0	5185.0	5202.7	5172.1
7.5°	5138.7	5139.6	5126.2	5159.8	5126.2	5139.6	5138.7	5166.7	5183.9	5194.2	5163.1
5°	5145.8	5122.6	5131.4	5150.6	5131.4	5122.6	5145.8	5148.5	5165.2	5177.6	5159.2
2.5°	5125.8	5123.5	5106.4	5119.9	5106.4	5123.5	5125.8	5136.7	5146.4	5151.8	5152.0
0°	5110.7	5098.2	5098.2	5109.6	5098.2	5098.2	5110.7	5130.1	5147.2	5162.0	5167.7
-2.5°	5137.7	5135.1	5133.4	5125.6	5133.4	5135.1	5137.7	5146.4	5154.9	5162.2	5164.8
-5°	5159.8	5153.1	5134.4	5159.8	5134.4	5153.1	5159.8	5169.4	5183.6	5193.8	5190.9
-7.5°	5183.7	5166.4	5148.7	5188.3	5148.7	5166.4	5183.7	5191.3	5208.3	5221.8	5220.6
-10°	5205.5	5180.5	5163.2	5201.9	5163.2	5180.5	5205.5	5223.0	5237.5	5250.4	5252.8
-12.5°	5234.3	5205.0	5193.4	5214.5	5193.4	5205.0	5234.3	5254.5	5270.2	5279.9	5276.1
-15°	5264.9	5244.7	5242.0	5254.4	5242.0	5244.7	5264.9	5286.1	5298.6	5306.5	5292.4
-17.5°	5291.9	5277.7	5284.7	5298.8	5284.7	5277.7	5291.9	5309.2	5319.5	5322.6	5303.4
-20°	5304.8	5296.8	5304.7	5339.9	5304.7	5296.8	5304.8	5315.8	5322.8	5321.0	5293.1



REPORT NUMBER: P645419 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-730-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°	5303.7	5304.2	5318.1	5329.6	5318.1	5304.2	5303.7	5309.6	5309.1	5300.3	5253.4
-25°	5283.5	5294.1	5310.1	5333.0	5310.1	5294.1	5283.5	5282.9	5275.9	5253.2	5205.6
-27.5°	5234.7	5252.4	5269.1	5293.1	5269.1	5252.4	5234.7	5227.8	5215.3	5184.0	5145.4
-30°	5164.1	5185.2	5200.1	5225.9	5200.1	5185.2	5164.1	5151.2	5131.7	5095.9	5037.6
-32.5°	5078.2	5102.0	5119.6	5138.1	5119.6	5102.0	5078.2	5058.6	5037.7	4996.5	4916.0
-35°	4970.9	4996.6	5015.3	5032.1	5015.3	4996.6	4970.9	4945.0	4918.9	4883.5	4791.8
-37.5°	4841.9	4869.6	4890.9	4910.1	4890.9	4869.6	4841.9	4810.9	4783.3	4749.0	4660.0
-40°	4691.6	4720.0	4742.8	4764.2	4742.8	4720.0	4691.6	4656.2	4625.0	4584.9	4507.7
-42.5°	4515.9	4544.5	4568.1	4589.8	4568.1	4544.5	4515.9	4478.2	4439.9	4391.6	4324.8
-45°	4313.0	4342.5	4367.4	4390.2	4367.4	4342.5	4313.0	4273.6	4224.7	4161.8	4082.3
-47.5°	4079.4	4110.9	4132.2	4142.9	4132.2	4110.9	4079.4	4037.5	3980.6	3907.1	3819.9
-50°	3811.5	3843.1	3868.6	3887.5	3868.6	3843.1	3811.5	3769.8	3712.2	3632.5	3540.2
-52.5°	3516.7	3546.7	3568.7	3582.0	3568.7	3546.7	3516.7	3476.0	3420.4	3335.1	3237.8
-55°	3193.8	3225.3	3246.2	3255.9	3246.2	3225.3	3193.8	3151.8	3098.5	3011.7	2915.9
-57.5°	2827.6	2857.5	2879.7	2892.2	2879.7	2857.5	2827.6	2786.9	2735.4	2653.8	2561.6
-60°	2422.6	2449.3	2466.1	2472.7	2466.1	2449.3	2422.6	2385.3	2337.3	2265.5	2180.9
-62.5°	2008.3	2033.6	2049.4	2055.5	2049.4	2033.6	2008.3	1974.4	1932.4	1873.5	1802.8
-65°	1598.7	1614.5	1623.3	1624.5	1623.3	1614.5	1598.7	1574.8	1542.8	1497.7	1442.7
-67.5°	1233.3	1245.4	1252.7	1255.2	1252.7	1245.4	1233.3	1216.7	1195.6	1168.8	1135.3
-70°	967.7	976.0	980.7	981.6	980.7	976.0	967.7	955.2	938.5	916.1	888.7
-72.5°	721.5	727.5	725.4	720.5	725.4	727.5	721.5	713.1	702.1	689.5	676.6
-75°	562.9	569.4	566.7	562.0	566.7	569.4	562.9	555.0	545.9	535.6	523.9
-77.5°	449.7	455.6	452.7	448.0	452.7	455.6	449.7	442.6	434.5	425.3	414.7
-80°	321.1	324.6	327.1	328.3	327.1	324.6	321.1	316.7	311.6	306.1	301.9
-82.5°	164.3	159.5	156.5	152.8	156.5	159.5	164.3	168.3	171.3	173.3	174.3
-85°	46.5	45.4	46.1	46.7	46.1	45.4	46.5	47.4	48.1	48.8	52.8
-87.5°	13.3	13.6	13.7	13.7	13.7	13.6	13.3	12.9	12.5	12.1	12.2
-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):

	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°	0.5	0.8	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
85°	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
82.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
80°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
77.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
75°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
72.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
70°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2
67.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.1	1.1	1.4
65°	1.4	1.3	1.4	1.6	1.6	1.5	1.6	1.6	1.6	1.5	1.4
62.5°	2.3	2.4	2.5	2.5	2.5	3.2	2.9	2.9	2.7	3.3	4.4
60°	5.5	4.3	6.5	7.2	6.2	10.5	17.9	16.1	4.8	25.9	29.8
57.5°	75.5	62.7	131.2	130.8	54.8	74.0	99.1	65.2	42.6	73.1	96.6
55°	526.1	481.8	418.9	412.2	434.0	329.7	275.7	265.3	207.6	134.9	160.3
52.5°	741.6	697.4	654.6	614.6	581.9	546.8	495.2	439.5	421.7	339.6	261.8
50°	839.2	882.1	839.8	736.5	754.9	705.1	632.5	573.2	585.4	535.1	431.5
47.5°	1138.0	1190.3	1191.6	1130.0	1061.4	1040.3	933.9	748.9	761.3	759.1	649.4
45°	1666.1	1593.1	1620.3	1533.7	1412.6	1345.7	1342.1	1144.2	961.0	931.2	920.6
42.5°	1955.6	1901.4	1845.5	1780.9	1673.8	1567.0	1501.1	1389.8	1242.5	1112.1	1065.8
40°	2072.6	2009.6	1957.3	1903.8	1817.5	1708.1	1655.0	1508.9	1398.2	1285.3	1247.8
37.5°	2214.0	2094.4	2141.1	2040.0	1959.9	1933.2	1892.1	1740.0	1494.5	1473.9	1454.9
35°	2529.8	2418.0	2525.6	2506.5	2187.8	2223.3	2250.7	2063.8	1806.8	1667.4	1670.5
32.5°	3250.4	2992.5	2913.8	3010.2	2842.6	2564.5	2568.6	2511.7	2160.9	1958.1	1869.4
30°	3511.2	3396.7	3272.6	3255.9	3131.1	2970.2	2868.0	2731.3	2476.0	2244.6	2092.5
27.5°	3623.7	3519.8	3415.4	3334.9	3262.7	3153.4	3020.1	2859.4	2677.8	2470.4	2322.7
25°	3704.1	3587.7	3497.7	3408.7	3331.0	3248.3	3112.0	2955.5	2786.1	2618.9	2460.3
22.5°	3768.7	3660.2	3563.2	3467.5	3404.5	3315.5	3193.1	3031.5	2917.7	2811.5	2605.3
20°	3839.2	3734.7	3625.5	3630.1	3537.3	3388.8	3271.2	3190.7	3175.1	3055.6	2789.3
17.5°	4145.7	3858.3	3911.7	4013.0	3808.4	3538.9	3497.0	3501.5	3452.1	3340.9	3009.8
15°	4802.2	4387.0	4390.7	4460.5	4238.8	3907.7	3831.3	3821.9	3744.2	3621.2	3242.7
12.5°	5009.0	4870.3	4844.8	4741.1	4523.3	4275.9	4185.4	4136.3	3993.6	3755.7	3410.2
10°	5078.8	4998.5	4891.8	4787.1	4654.9	4555.5	4426.6	4248.3	4045.7	3816.2	3535.0
7.5°	5087.1	5003.8	4917.8	4818.1	4702.1	4585.4	4458.0	4280.7	4084.9	3859.8	3622.9
5°	5082.2	4999.2	4919.5	4824.2	4706.5	4593.4	4478.0	4302.7	4111.3	3888.3	3680.7
2.5°	5069.8	4985.7	4909.9	4823.3	4706.2	4597.1	4490.3	4326.2	4130.3	3911.8	3700.1
0°	5087.9	5004.7	4932.9	4836.0	4730.0	4603.4	4496.3	4350.3	4139.4	3927.4	3707.4
-2.5°	5095.7	5009.7	4943.9	4834.7	4746.8	4617.6	4509.1	4368.1	4156.7	3954.9	3725.0
-5°	5136.9	5051.4	4965.3	4855.8	4763.4	4642.6	4520.5	4375.3	4169.6	3969.8	3733.0
-7.5°	5163.9	5077.1	4977.1	4870.9	4778.1	4662.8	4527.5	4376.0	4181.4	3969.6	3736.8
-10°	5180.8	5090.2	4991.4	4882.6	4786.7	4668.1	4525.2	4372.2	4179.1	3960.3	3728.4
-12.5°	5204.6	5102.6	5000.9	4877.4	4781.2	4659.4	4516.6	4363.5	4161.1	3943.0	3707.1
-15°	5213.5	5108.7	4989.8	4868.8	4763.7	4645.2	4497.8	4337.6	4129.9	3916.2	3672.2
-17.5°	5217.1	5097.9	4971.3	4855.1	4741.9	4616.2	4460.7	4290.3	4089.8	3869.1	3626.2
-20°	5214.3	5075.6	4945.0	4818.6	4700.0	4572.4	4411.9	4243.2	4032.5	3808.0	3566.7



REPORT NUMBER: P645419 (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°
-22.5°	5161.1	5035.5	4903.3	4766.2	4649.6	4514.3	4357.1	4182.5	3958.0	3740.9	3490.9
-25°	5102.5	4975.6	4839.2	4711.6	4587.4	4452.9	4291.5	4093.5	3880.3	3654.4	3398.9
-27.5°	5033.3	4899.9	4759.0	4629.2	4497.9	4365.6	4198.7	3999.3	3794.0	3547.0	3298.9
-30°	4939.8	4802.1	4658.4	4510.0	4390.0	4255.1	4090.1	3896.3	3675.9	3432.0	3195.9
-32.5°	4812.9	4683.4	4539.7	4398.6	4273.3	4131.7	3965.1	3772.8	3541.4	3310.7	3065.1
-35°	4683.9	4549.7	4412.7	4279.9	4147.9	3999.6	3829.6	3620.3	3399.2	3170.7	2915.8
-37.5°	4536.6	4396.8	4268.1	4141.9	4005.8	3853.7	3666.1	3463.9	3248.3	2997.1	2754.5
-40°	4378.4	4243.8	4103.2	3978.4	3833.2	3679.8	3498.5	3302.0	3064.9	2816.5	2588.5
-42.5°	4190.5	4055.9	3911.2	3772.2	3631.2	3485.4	3321.6	3109.0	2873.9	2639.7	2402.9
-45°	3963.6	3828.9	3686.6	3543.5	3411.5	3269.8	3117.3	2890.7	2658.5	2435.3	2208.1
-47.5°	3708.2	3577.8	3440.5	3298.6	3173.0	3030.7	2845.0	2634.1	2428.7	2216.3	1983.7
-50°	3431.0	3306.8	3179.9	3048.2	2907.1	2746.7	2568.5	2384.5	2181.0	1963.0	1750.5
-52.5°	3127.9	3014.3	2894.5	2767.9	2622.3	2463.1	2296.1	2100.8	1897.8	1712.7	1519.5
-55°	2811.7	2699.6	2581.1	2454.6	2318.9	2161.4	1988.4	1810.7	1645.0	1473.8	1326.4
-57.5°	2461.9	2355.5	2242.7	2123.3	1997.9	1851.4	1699.7	1548.9	1417.7	1284.6	1150.8
-60°	2087.9	1988.6	1892.6	1786.8	1671.0	1544.9	1434.3	1323.0	1211.7	1105.5	997.8
-62.5°	1725.6	1642.6	1556.3	1470.5	1382.4	1291.4	1199.7	1113.8	1026.1	936.1	856.8
-65°	1383.3	1320.2	1252.1	1192.7	1130.2	1064.4	990.7	923.4	859.6	793.6	726.2
-67.5°	1096.0	1050.9	1002.8	955.9	913.1	867.5	815.8	761.3	710.8	661.9	612.3
-70°	859.8	829.9	798.7	764.4	730.3	695.9	657.9	617.8	577.2	540.6	505.6
-72.5°	659.9	639.3	615.5	590.9	564.6	541.2	515.2	488.2	460.7	432.9	406.5
-75°	510.6	495.7	479.4	461.0	438.7	412.4	392.8	379.6	363.0	342.8	320.8
-77.5°	403.8	393.0	381.3	365.6	349.3	332.5	315.9	299.6	283.4	268.1	254.1
-80°	297.1	291.9	285.5	272.5	259.5	246.5	234.1	224.1	214.6	204.3	191.5
-82.5°	174.4	173.8	172.0	164.7	157.4	150.2	143.2	136.1	128.7	120.9	113.0
-85°	56.4	59.5	62.0	63.2	63.9	64.1	63.7	61.9	59.7	57.2	54.6
-87.5°	12.3	12.4	12.4	12.9	13.3	13.7	14.0	14.7	15.3	15.8	16.1
-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: P645419 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-730-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°	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.6	0.6
85°	1.1	1.1	1.1	1.1	1.1	1.1	1.0	0.9	1.1	1.2	1.2
82.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.4	1.7	1.8
80°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.4	1.7	2.0
77.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.5	1.8	2.0
75°	1.1	1.1	1.1	1.1	1.2	1.1	1.1	1.2	1.5	1.8	2.1
72.5°	1.1	1.1	1.1	1.2	1.4	1.4	1.3	1.2	1.5	1.8	2.1
70°	1.3	1.2	1.1	1.3	1.6	1.8	1.8	1.8	1.6	1.8	2.1
67.5°	1.7	1.7	1.6	1.5	1.6	1.9	2.2	2.6	2.5	1.9	2.2
65°	1.7	2.0	2.4	3.2	2.8	2.0	2.3	4.5	3.6	3.0	2.2
62.5°	3.8	2.1	7.2	9.7	5.5	4.3	3.4	9.9	6.2	4.2	3.1
60°	9.0	7.4	20.1	32.2	22.5	7.6	11.1	17.2	15.8	5.5	4.3
57.5°	83.6	28.8	41.7	60.2	59.2	32.1	23.4	31.2	26.9	15.5	6.0
55°	178.5	150.2	99.2	90.8	98.1	79.2	51.6	50.6	41.5	28.7	9.8
52.5°	244.8	255.5	222.4	155.4	135.3	128.9	100.7	73.4	65.1	43.1	24.9
50°	354.4	330.1	326.8	274.3	189.7	171.7	148.6	114.6	91.4	61.7	42.2
47.5°	500.8	439.8	407.6	384.0	302.7	218.9	195.0	156.7	120.4	88.9	60.2
45°	715.6	568.5	506.1	467.9	414.8	307.9	244.0	197.6	156.9	119.4	79.1
42.5°	931.3	735.1	618.6	556.8	501.7	408.3	296.4	244.8	192.4	150.4	103.1
40°	1121.7	906.8	736.8	657.4	586.9	505.4	381.3	295.3	227.3	182.3	130.3
37.5°	1351.0	1102.3	872.9	762.8	677.8	586.4	467.5	348.0	269.2	215.8	157.6
35°	1572.8	1355.4	1025.2	890.2	778.9	669.6	550.5	410.4	320.7	249.8	184.9
32.5°	1810.9	1593.5	1255.1	1032.4	883.6	754.5	628.1	486.2	372.5	284.2	212.1
30°	1998.4	1750.2	1456.9	1174.8	997.5	849.3	705.5	558.9	424.4	318.9	239.6
27.5°	2097.7	1885.8	1616.2	1333.5	1125.7	946.4	785.3	628.4	476.2	357.1	268.2
25°	2200.5	1981.3	1730.0	1472.2	1252.3	1049.3	864.7	694.7	532.8	400.2	296.5
22.5°	2323.5	2062.5	1826.0	1582.1	1382.9	1153.6	948.1	761.8	589.4	442.4	324.3
20°	2447.0	2137.9	1920.8	1731.7	1511.0	1266.5	1035.2	827.2	642.7	483.5	351.6
17.5°	2576.6	2274.8	2081.6	1877.6	1638.7	1375.8	1121.0	890.6	692.8	523.3	378.0
15°	2802.1	2479.8	2243.5	2019.7	1765.7	1481.0	1204.8	951.5	739.5	561.5	402.6
12.5°	3006.9	2670.7	2405.6	2157.0	1890.7	1581.3	1285.6	1009.4	782.8	592.1	424.6
10°	3176.4	2847.7	2565.8	2288.9	2012.0	1675.9	1362.6	1056.6	808.8	614.8	444.8
7.5°	3315.2	3011.4	2722.1	2414.3	2116.2	1737.8	1401.5	1084.2	828.9	634.2	463.2
5°	3415.5	3120.5	2805.1	2458.0	2148.7	1763.3	1427.9	1106.6	845.1	650.4	479.8
2.5°	3444.3	3154.0	2836.3	2482.0	2170.8	1779.8	1446.7	1123.7	857.6	663.5	494.5
0°	3461.1	3176.1	2855.8	2496.7	2182.0	1787.6	1458.1	1135.5	866.4	673.8	507.3
-2.5°	3484.6	3195.1	2874.6	2534.5	2189.5	1811.5	1464.5	1143.2	877.6	677.5	514.8
-5°	3496.4	3202.6	2883.6	2559.9	2187.5	1825.8	1463.8	1145.6	884.8	678.7	520.3
-7.5°	3491.2	3200.1	2884.0	2567.9	2177.6	1829.1	1455.8	1143.0	887.8	677.8	523.7
-10°	3475.5	3187.1	2873.0	2547.3	2168.5	1816.1	1441.6	1135.7	886.1	674.9	525.0
-12.5°	3451.5	3162.8	2850.5	2517.6	2149.5	1789.5	1424.9	1123.3	878.9	670.2	524.1
-15°	3420.5	3127.5	2816.2	2479.9	2118.3	1754.0	1399.8	1105.2	865.0	664.9	521.0
-17.5°	3380.6	3081.5	2770.2	2435.2	2074.4	1710.1	1366.1	1081.7	847.6	658.4	514.7
-20°	3309.5	3019.7	2711.6	2384.4	2017.3	1658.0	1323.7	1052.7	826.8	649.2	505.8



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	3229.5	2943.2	2638.6	2315.8	1948.5	1598.2	1272.3	1018.2	802.9	637.2	495.0
-25°	3144.2	2857.1	2553.8	2220.9	1872.5	1534.9	1220.9	978.3	775.9	622.4	482.5
-27.5°	3044.1	2759.6	2457.7	2116.4	1784.3	1461.6	1171.7	942.9	749.8	604.8	468.3
-30°	2931.5	2644.9	2337.5	2004.8	1687.6	1376.7	1116.4	905.2	727.8	585.5	452.4
-32.5°	2802.5	2518.5	2204.4	1890.6	1585.5	1286.6	1055.4	864.8	702.3	565.0	437.8
-35°	2655.7	2371.5	2063.3	1768.0	1477.3	1213.9	995.7	821.9	673.4	542.9	422.4
-37.5°	2502.7	2213.7	1922.2	1640.0	1362.3	1135.1	942.1	779.6	641.1	519.2	405.3
-40°	2328.1	2051.3	1774.1	1508.2	1262.7	1050.6	884.0	737.8	610.6	493.9	386.7
-42.5°	2148.2	1881.0	1619.6	1368.6	1164.4	981.7	823.2	692.8	578.4	469.6	366.5
-45°	1954.1	1701.2	1455.4	1251.0	1064.4	908.8	770.0	646.2	544.0	444.6	345.6
-47.5°	1749.5	1511.7	1306.1	1128.4	979.4	835.5	713.4	605.9	508.0	417.9	324.6
-50°	1532.7	1335.2	1168.6	1021.9	887.8	769.6	657.0	563.7	474.9	388.4	302.6
-52.5°	1340.6	1182.3	1044.5	919.0	807.0	700.2	608.4	520.4	440.9	360.2	279.7
-55°	1176.0	1046.3	929.9	825.5	727.0	640.7	557.9	481.9	405.9	331.8	256.4
-57.5°	1033.9	920.5	827.4	736.7	655.3	581.8	512.0	442.7	372.3	302.4	238.0
-60°	897.3	812.7	729.8	656.9	588.0	525.6	468.6	403.4	338.4	273.1	217.6
-62.5°	779.4	707.1	644.5	581.0	523.7	472.9	424.9	364.9	303.6	245.9	195.4
-65°	668.9	613.4	560.1	509.3	461.9	418.8	379.9	325.5	268.6	217.2	172.4
-67.5°	563.9	522.1	480.2	437.7	400.3	365.4	332.2	283.0	232.2	186.9	149.6
-70°	470.1	434.4	401.6	370.0	339.6	310.5	279.2	237.7	194.0	159.8	126.2
-72.5°	381.6	355.5	328.2	302.2	279.8	254.3	225.4	193.1	162.5	132.2	102.3
-75°	299.6	282.4	263.2	242.6	221.7	198.9	179.8	157.2	130.5	104.0	82.4
-77.5°	239.7	223.0	203.7	187.3	173.3	157.7	140.4	120.7	99.5	80.9	63.7
-80°	176.8	164.0	153.1	143.7	130.7	116.5	102.1	87.8	72.3	57.9	44.7
-82.5°	107.9	105.1	102.1	97.7	86.9	76.3	65.9	55.7	44.7	34.6	28.7
-85°	54.0	52.9	51.3	49.0	42.3	35.9	32.8	29.8	26.1	22.6	19.2
-87.5°	17.7	19.1	20.2	20.9	19.4	17.9	16.4	14.9	13.1	11.3	9.6
-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°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
85°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
82.5°	1.8	1.5	1.2	0.9	0.6	0.4	0.0
80°	2.3	2.0	1.6	1.2	0.8	0.5	0.0
77.5°	2.3	2.3	2.0	1.5	1.0	0.6	0.0
75°	2.3	2.4	2.3	1.8	1.2	0.7	0.0
72.5°	2.4	2.5	2.4	2.1	1.4	0.9	0.0
70°	2.4	2.5	2.5	2.3	1.6	1.0	0.0
67.5°	2.7	2.6	2.6	2.4	1.8	1.1	0.0
65°	3.1	3.0	2.7	2.5	2.0	1.2	0.0
62.5°	3.6	3.8	2.9	2.7	2.2	1.3	0.0
60°	4.2	4.6	3.0	2.8	2.4	1.5	0.0
57.5°	7.8	5.5	3.9	2.9	2.6	1.6	0.0
55°	12.4	6.5	4.8	3.0	2.7	1.7	0.0
52.5°	17.8	8.3	5.8	3.1	2.8	1.8	0.0
50°	24.0	14.1	6.9	3.2	2.9	1.9	0.0
47.5°	32.3	20.4	7.9	3.5	3.1	2.0	0.0
45°	48.8	27.2	9.1	4.4	3.2	2.1	0.0
42.5°	65.6	34.4	10.2	5.3	3.4	2.2	0.0
40°	82.8	42.0	13.8	6.4	3.5	2.3	0.0
37.5°	100.4	50.0	19.7	7.7	3.6	2.4	0.0
35°	118.2	62.1	25.8	9.3	3.8	2.5	0.0
32.5°	137.6	76.1	31.9	10.9	3.9	2.6	0.0
30°	159.7	90.1	38.1	12.7	4.1	2.7	0.0
27.5°	181.3	103.9	45.7	14.7	4.2	2.8	0.0
25°	202.5	117.4	53.5	16.7	4.4	2.9	0.0
22.5°	223.0	131.3	61.3	18.8	4.5	2.9	0.0
20°	242.8	146.1	69.0	21.0	4.7	3.0	0.0
17.5°	262.4	160.4	76.5	23.2	4.8	3.1	0.0
15°	281.3	174.2	83.9	25.4	5.0	3.1	0.0
12.5°	298.9	187.4	91.1	27.7	5.1	3.2	0.0
10°	315.3	199.8	97.9	29.8	5.2	3.3	0.0
7.5°	330.3	211.4	104.4	32.0	5.4	3.3	0.0
5°	344.0	222.1	110.4	34.0	5.5	3.3	0.0
2.5°	356.3	231.9	115.9	35.9	5.6	3.4	0.0
0°	367.1	240.5	120.8	37.6	5.7	3.4	0.0
-2.5°	372.5	246.0	125.4	40.1	6.6	3.6	0.0
-5°	376.4	250.3	129.3	42.3	7.5	3.8	0.0
-7.5°	378.9	253.5	132.5	44.3	8.3	4.0	0.0
-10°	380.0	255.5	134.9	46.1	9.1	4.1	0.0
-12.5°	379.8	256.3	136.6	47.6	9.9	4.3	0.0
-15°	378.3	255.9	137.3	48.7	10.7	4.4	0.0
-17.5°	375.6	254.4	137.2	49.6	11.3	4.5	0.0
-20°	371.3	251.7	136.3	50.1	12.0	4.7	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	365.1	247.8	134.3	50.2	12.5	4.8	0.0
-25°	357.5	241.9	131.5	50.0	13.0	4.8	0.0
-27.5°	348.4	234.5	127.7	49.4	13.5	4.9	0.0
-30°	337.9	226.0	122.9	48.4	13.8	4.9	0.0
-32.5°	326.0	216.5	117.3	47.0	14.1	4.9	0.0
-35°	313.1	206.1	111.1	45.1	14.3	4.9	0.0
-37.5°	299.2	195.6	104.2	42.9	14.4	4.9	0.0
-40°	284.3	186.1	96.8	40.2	14.4	4.8	0.0
-42.5°	268.3	175.9	91.1	37.3	14.3	4.8	0.0
-45°	251.3	165.1	87.3	34.4	14.1	4.7	0.0
-47.5°	233.4	153.7	82.7	31.0	13.9	4.6	0.0
-50°	218.4	141.6	77.5	29.9	13.5	4.4	0.0
-52.5°	203.4	129.0	71.6	29.3	13.1	4.3	0.0
-55°	187.8	119.4	65.0	28.4	12.6	4.1	0.0
-57.5°	171.7	109.7	57.8	27.2	12.0	3.9	0.0
-60°	155.3	99.1	50.3	25.6	11.3	3.7	0.0
-62.5°	140.3	87.6	46.7	23.8	10.6	3.4	0.0
-65°	124.2	75.4	42.7	21.7	9.8	3.2	0.0
-67.5°	107.1	65.2	38.1	19.4	9.0	2.9	0.0
-70°	89.1	57.0	33.2	16.8	8.2	2.6	0.0
-72.5°	75.4	48.3	27.8	14.8	7.3	2.3	0.0
-75°	61.6	39.0	22.1	12.9	6.3	2.0	0.0
-77.5°	47.2	29.3	18.3	10.8	5.3	1.7	0.0
-80°	32.2	22.3	14.8	8.8	4.3	1.4	0.0
-82.5°	23.7	16.9	11.2	6.6	3.2	1.0	0.0
-85°	15.9	11.3	7.5	4.4	2.2	0.7	0.0
-87.5°	8.0	5.7	3.8	2.2	1.1	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)