

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: P645407 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA3B-730-U-LAM-VSR-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645407 (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-SA3B-730-U-LAM-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, LAMBERTIAN WITH VISOR
Light Source: (48) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

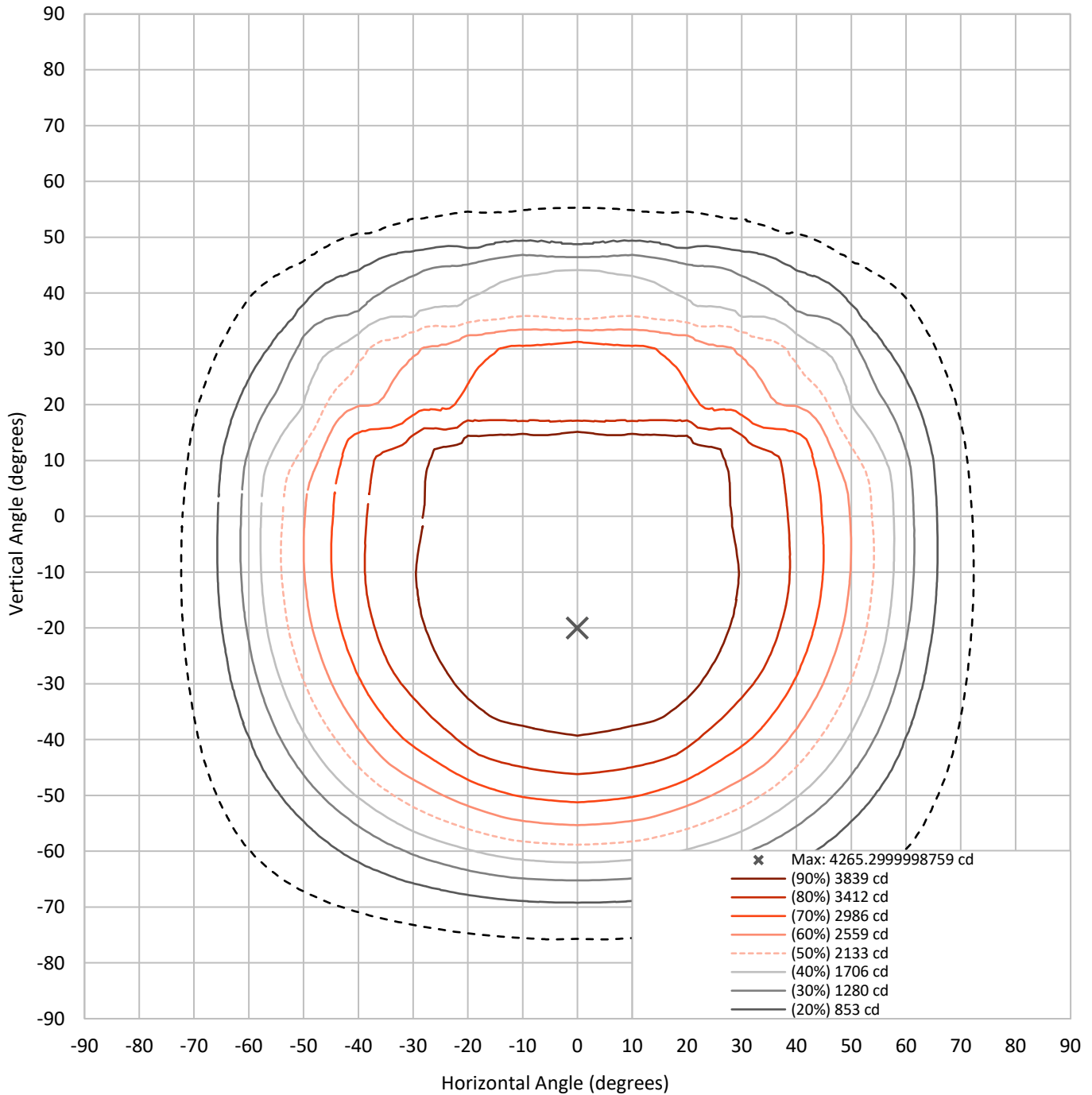
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	10001.4 lumens	Max Intensity:	4265.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	106.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	105.6°H x 93.7°V	Field Angle (10%):	144°H x 131.2°V
Beam Lumens:	7818.5 lumens	Field Lumens:	9802.8 lumens
Beam Efficiency:	78.2%	Field Efficiency:	98.0%
Input Watts (W):	93.7		
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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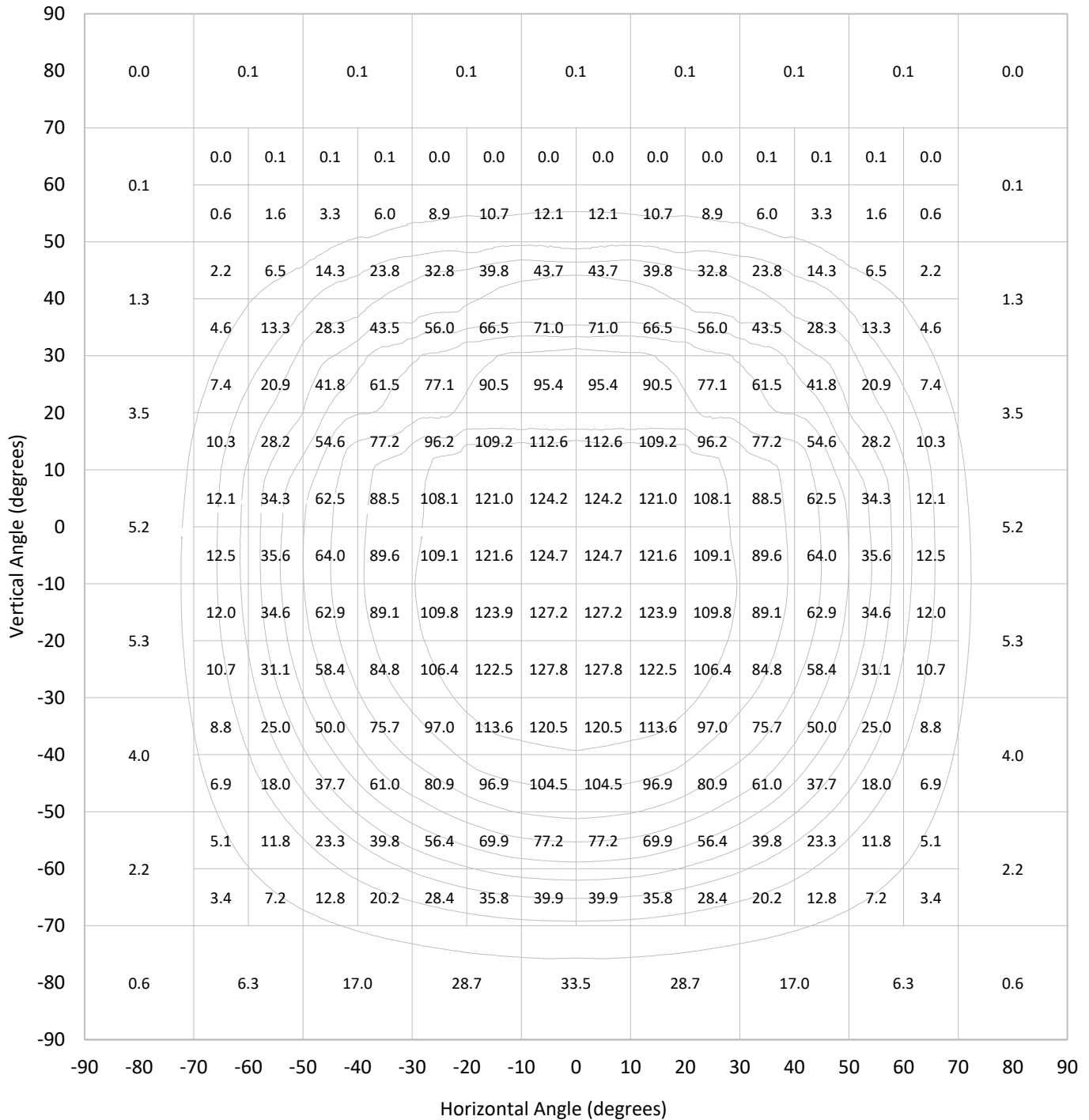
Iso-Candela Plot





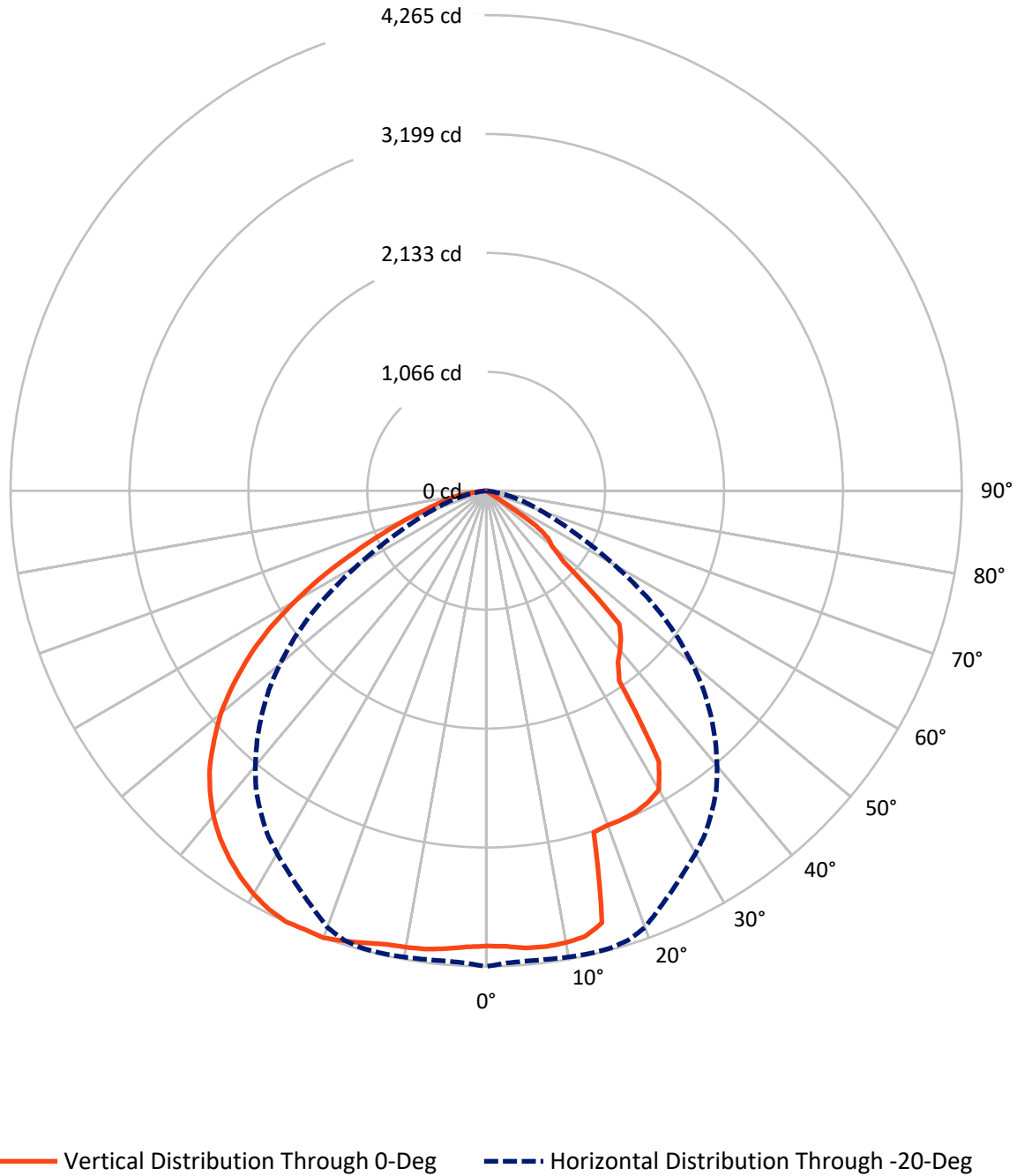
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Lumen Table



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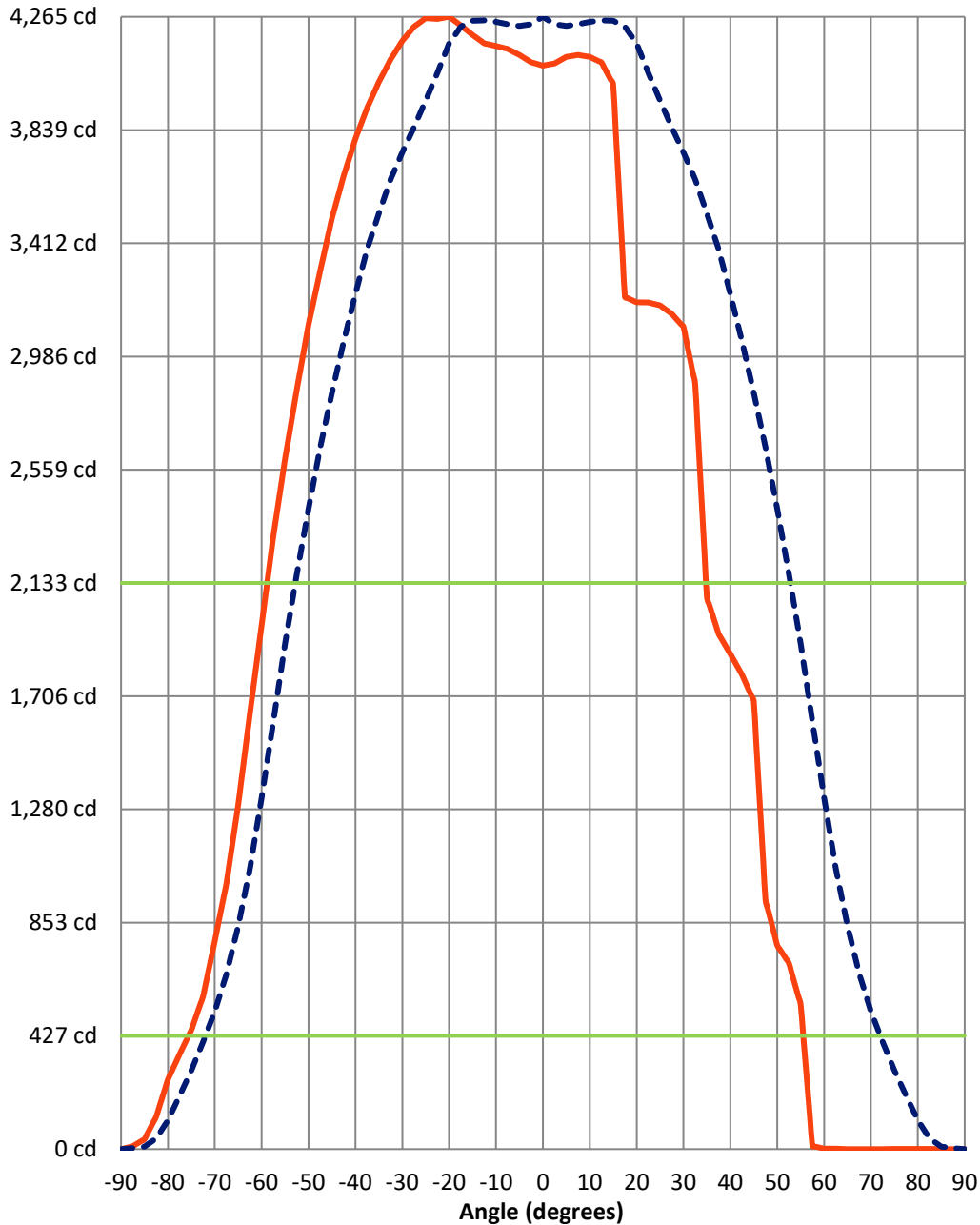
Luminous Intensity Polar Plot





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Luminous Intensity Plot



Beam:
 H Angle: 105.6°
 V Angle: 93.7°
 Lumens: 7818.5
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 9802.8
 Efficiency: 98.0%

Spill:
 Lumens: 198.6
 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	0.2	0.3	0.4	0.5	0.5	0.5	0.4	0.4
85°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	0.9	0.9	0.9	0.8
82.5°	0.0	0.3	0.5	0.7	0.9	1.2	1.4	1.4	1.4	1.1	0.9
80°	0.0	0.4	0.6	0.9	1.2	1.6	1.8	1.6	1.4	1.2	0.9
77.5°	0.0	0.5	0.8	1.2	1.6	1.8	1.8	1.6	1.4	1.2	0.9
75°	0.0	0.6	0.9	1.4	1.8	1.9	1.8	1.6	1.4	1.2	1.0
72.5°	0.0	0.7	1.1	1.6	1.9	1.9	1.8	1.6	1.4	1.2	1.0
70°	0.0	0.8	1.3	1.8	2.0	2.0	1.9	1.7	1.5	1.3	1.4
67.5°	0.0	0.9	1.4	1.9	2.1	2.1	2.1	1.7	1.5	2.0	2.0
65°	0.0	1.0	1.6	2.0	2.2	2.4	2.4	1.7	2.4	2.8	3.6
62.5°	0.0	1.1	1.8	2.1	2.3	3.0	2.8	2.4	3.4	5.0	7.9
60°	0.0	1.2	1.9	2.2	2.4	3.6	3.4	3.4	4.4	12.6	13.7
57.5°	0.0	1.2	2.0	2.3	3.1	4.4	6.2	4.9	12.4	21.5	24.9
55°	0.0	1.3	2.1	2.4	3.8	5.2	9.9	7.9	23.0	33.1	40.4
52.5°	0.0	1.4	2.2	2.5	4.6	6.6	14.3	20.0	34.4	52.0	58.6
50°	0.0	1.5	2.3	2.6	5.5	11.3	19.2	33.7	49.3	73.0	91.6
47.5°	0.0	1.6	2.4	2.8	6.3	16.3	25.8	48.1	71.0	96.2	125.2
45°	0.0	1.7	2.6	3.5	7.2	21.7	39.0	63.2	95.4	125.3	157.9
42.5°	0.0	1.8	2.7	4.2	8.2	27.4	52.4	82.3	120.1	153.7	195.6
40°	0.0	1.8	2.8	5.1	11.0	33.5	66.2	104.1	145.6	181.6	235.9
37.5°	0.0	1.9	2.9	6.2	15.8	39.9	80.2	125.9	172.4	215.1	278.0
35°	0.0	2.0	3.0	7.4	20.6	49.6	94.5	147.7	199.5	256.2	327.8
32.5°	0.0	2.1	3.1	8.8	25.5	60.8	109.9	169.5	227.0	297.5	388.3
30°	0.0	2.1	3.3	10.2	30.4	71.9	127.5	191.4	254.8	339.0	446.4
27.5°	0.0	2.2	3.4	11.7	36.5	83.0	144.8	214.2	285.3	380.4	501.9
25°	0.0	2.3	3.5	13.4	42.7	93.8	161.7	236.8	319.7	425.6	554.9
22.5°	0.0	2.3	3.6	15.1	48.9	104.9	178.1	259.1	353.4	470.8	608.5
20°	0.0	2.4	3.8	16.8	55.1	116.7	194.0	280.8	386.2	513.4	660.7
17.5°	0.0	2.4	3.9	18.6	61.1	128.2	209.6	301.9	418.0	553.4	711.4
15°	0.0	2.5	4.0	20.4	67.0	139.2	224.7	321.6	448.5	590.7	760.0
12.5°	0.0	2.5	4.1	22.1	72.7	149.7	238.8	339.1	472.9	625.3	806.3
10°	0.0	2.6	4.2	23.9	78.2	159.6	251.8	355.2	491.1	646.1	844.0
7.5°	0.0	2.6	4.3	25.6	83.4	168.9	263.9	370.0	506.6	662.1	866.0
5°	0.0	2.7	4.4	27.2	88.2	177.4	274.8	383.2	519.5	675.1	883.9
2.5°	0.0	2.7	4.5	28.7	92.6	185.2	284.6	395.0	530.0	685.0	897.6
0°	0.0	2.7	4.6	30.1	96.5	192.1	293.2	405.2	538.2	692.1	907.0
-2.5°	0.0	2.9	5.3	32.1	100.2	196.5	297.5	411.2	541.1	701.0	913.1
-5°	0.0	3.0	6.0	33.8	103.3	200.0	300.6	415.5	542.1	706.8	915.1
-7.5°	0.0	3.1	6.7	35.5	105.8	202.5	302.6	418.3	541.4	709.2	913.0
-10°	0.0	3.3	7.3	36.8	107.8	204.1	303.5	419.3	539.1	707.8	907.2
-12.5°	0.0	3.4	8.0	38.0	109.1	204.7	303.4	418.6	535.3	702.1	897.3
-15°	0.0	3.5	8.5	39.0	109.7	204.4	302.2	416.1	531.1	691.0	882.8
-17.5°	0.0	3.6	9.1	39.6	109.6	203.2	300.0	411.1	525.9	677.0	864.0
-20°	0.0	3.7	9.6	40.0	108.8	201.0	296.6	404.0	518.6	660.5	840.9

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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	3.8	10.0	40.1	107.3	198.0	291.6	395.4	509.0	641.3	813.3
-25°	0.0	3.8	10.4	40.0	105.0	193.2	285.5	385.4	497.2	619.8	781.5
-27.5°	0.0	3.9	10.8	39.5	101.9	187.3	278.3	374.0	483.1	599.0	753.2
-30°	0.0	3.9	11.0	38.6	98.1	180.5	269.9	361.4	467.7	581.4	723.1
-32.5°	0.0	3.9	11.3	37.5	93.7	173.0	260.4	349.7	451.3	561.0	690.8
-35°	0.0	3.9	11.4	36.0	88.7	164.6	250.1	337.4	433.6	537.9	656.6
-37.5°	0.0	3.9	11.5	34.2	83.2	156.2	239.0	323.8	414.7	512.1	622.8
-40°	0.0	3.9	11.5	32.1	77.3	148.7	227.1	308.9	394.6	487.7	589.4
-42.5°	0.0	3.8	11.4	29.8	72.8	140.5	214.3	292.7	375.1	462.0	553.4
-45°	0.0	3.7	11.3	27.4	69.7	131.9	200.8	276.0	355.2	434.6	516.2
-47.5°	0.0	3.6	11.1	24.8	66.0	122.7	186.5	259.3	333.8	405.8	484.0
-50°	0.0	3.5	10.8	23.9	61.9	113.1	174.5	241.8	310.2	379.4	450.3
-52.5°	0.0	3.4	10.5	23.4	57.2	103.0	162.5	223.4	287.7	352.2	415.7
-55°	0.0	3.3	10.0	22.7	51.9	95.4	150.0	204.9	265.0	324.2	385.0
-57.5°	0.0	3.1	9.6	21.7	46.2	87.6	137.1	190.2	241.6	297.4	353.5
-60°	0.0	2.9	9.0	20.5	40.2	79.1	124.0	173.8	218.2	270.3	322.2
-62.5°	0.0	2.7	8.5	19.0	37.3	70.0	112.0	156.1	196.5	242.5	291.5
-65°	0.0	2.5	7.9	17.4	34.1	60.2	99.2	137.7	173.5	214.6	260.0
-67.5°	0.0	2.3	7.2	15.5	30.5	52.1	85.6	119.5	149.3	185.5	226.1
-70°	0.0	2.1	6.5	13.4	26.5	45.6	71.3	100.8	127.6	155.0	189.9
-72.5°	0.0	1.9	5.8	11.8	22.2	38.6	60.3	81.8	105.6	129.8	154.3
-75°	0.0	1.6	5.0	10.3	17.7	31.2	49.3	65.9	83.1	104.2	125.6
-77.5°	0.0	1.4	4.2	8.7	14.6	23.4	37.7	50.9	64.7	79.5	96.5
-80°	0.0	1.1	3.4	7.0	11.8	17.8	25.8	35.7	46.3	57.8	70.2
-82.5°	0.0	0.8	2.6	5.3	8.9	13.5	18.9	22.9	27.6	35.7	44.5
-85°	0.0	0.6	1.7	3.5	6.0	9.0	12.7	15.3	18.0	20.9	23.8
-87.5°	0.0	0.3	0.9	1.8	3.0	4.5	6.4	7.7	9.0	10.4	11.9
-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: P645407 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-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°	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7
85°	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
80°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
77.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
75°	0.9	0.9	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
72.5°	1.0	1.2	1.1	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9
70°	1.4	1.5	1.3	1.0	0.9	0.9	1.0	1.0	0.9	0.9	0.9
67.5°	1.7	1.5	1.3	1.2	1.2	1.4	1.3	1.1	0.9	0.9	0.9
65°	1.8	1.6	2.3	2.6	1.9	1.6	1.4	1.2	1.2	1.3	1.3
62.5°	2.7	3.4	4.3	7.7	5.7	1.7	3.0	3.5	2.6	2.1	2.3
60°	8.9	6.0	17.9	25.7	16.0	5.8	7.1	23.8	20.6	3.8	12.8
57.5°	18.7	25.7	47.3	48.1	33.3	22.9	66.8	77.1	58.4	34.0	52.1
55°	41.2	63.3	78.4	72.5	79.2	120.0	142.5	128.0	107.8	165.8	211.9
52.5°	80.4	103.0	108.1	124.1	177.6	204.1	195.6	209.1	271.2	336.8	351.1
50°	118.7	137.2	151.6	219.1	261.0	263.7	283.1	344.6	427.4	467.6	457.9
47.5°	155.8	174.9	241.8	306.7	325.6	351.3	399.9	518.7	606.4	608.1	598.2
45°	194.9	245.9	331.4	373.7	404.3	454.1	571.6	735.4	743.9	767.6	914.0
42.5°	236.8	326.2	400.7	444.8	494.1	587.1	743.9	851.3	888.3	992.4	1110.1
40°	304.6	403.7	468.9	525.1	588.5	724.3	896.0	996.7	1026.7	1116.8	1205.3
37.5°	373.4	468.4	541.4	609.3	697.2	880.5	1079.1	1162.1	1177.3	1193.8	1389.8
35°	439.7	534.8	622.2	711.1	818.8	1082.7	1256.3	1334.3	1331.9	1443.2	1648.5
32.5°	501.6	602.7	705.8	824.7	1002.5	1272.8	1446.5	1493.2	1564.1	1726.0	2006.2
30°	563.5	678.4	796.8	938.4	1163.7	1398.0	1596.3	1671.4	1792.9	1977.7	2181.7
27.5°	627.3	756.0	899.2	1065.1	1291.0	1506.3	1675.6	1855.3	1973.3	2138.9	2284.0
25°	690.7	838.2	1000.3	1175.9	1381.9	1582.6	1757.7	1965.2	2091.9	2225.4	2360.8
22.5°	757.3	921.5	1104.5	1263.8	1458.6	1647.5	1856.0	2081.0	2245.7	2330.6	2421.5
20°	826.9	1011.6	1206.9	1383.3	1534.3	1707.7	1954.6	2228.0	2440.7	2536.2	2548.7
17.5°	895.4	1099.0	1308.9	1499.8	1662.7	1817.1	2058.1	2404.1	2668.6	2757.4	2796.9
15°	962.3	1182.9	1410.4	1613.3	1792.1	1980.9	2238.2	2590.1	2892.5	2990.7	3052.8
12.5°	1026.9	1263.0	1510.2	1723.0	1921.6	2133.3	2401.8	2723.9	2999.9	3189.9	3303.9
10°	1088.4	1338.7	1607.1	1828.3	2049.6	2274.7	2537.2	2823.6	3048.3	3231.6	3393.4
7.5°	1119.4	1388.1	1690.4	1928.5	2174.3	2405.4	2648.0	2893.9	3083.1	3262.9	3419.3
5°	1140.5	1408.4	1716.4	1963.4	2240.6	2492.5	2728.1	2940.1	3105.9	3284.0	3436.9
2.5°	1155.6	1421.6	1733.9	1982.5	2265.5	2519.3	2751.2	2955.5	3124.6	3299.2	3455.7
0°	1164.7	1427.9	1742.9	1994.3	2281.1	2537.0	2764.6	2961.3	3137.1	3306.5	3474.9
-2.5°	1169.8	1447.0	1748.9	2024.5	2296.2	2552.2	2783.4	2975.4	3159.1	3320.2	3489.1
-5°	1169.2	1458.4	1747.3	2044.8	2303.4	2558.1	2792.7	2981.8	3171.0	3330.5	3494.9
-7.5°	1162.8	1461.0	1739.4	2051.2	2303.7	2556.1	2788.6	2984.8	3170.8	3340.0	3495.5
-10°	1151.5	1450.7	1732.2	2034.7	2294.8	2545.7	2776.1	2978.1	3163.4	3338.1	3492.4
-12.5°	1138.2	1429.4	1717.0	2011.0	2276.9	2526.4	2757.0	2961.1	3149.6	3323.8	3485.5
-15°	1118.1	1401.1	1692.0	1980.9	2249.5	2498.2	2732.2	2933.2	3128.2	3298.9	3464.8
-17.5°	1091.2	1366.0	1656.9	1945.2	2212.7	2461.5	2700.4	2896.5	3090.5	3266.9	3427.0
-20°	1057.3	1324.4	1611.3	1904.6	2166.0	2412.1	2643.5	2848.9	3041.7	3221.1	3389.4



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 CATALOG NUMBER: GFLD-SA3B-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°
-22.5°	1016.3	1276.6	1556.4	1849.8	2107.7	2351.0	2579.7	2788.4	2988.1	3161.6	3340.9
-25°	975.3	1226.1	1495.7	1774.0	2039.9	2282.2	2511.6	2714.9	2919.0	3099.5	3269.8
-27.5°	935.9	1167.5	1425.3	1690.5	1963.1	2204.3	2431.6	2635.0	2833.2	3030.5	3194.5
-30°	891.8	1099.7	1348.1	1601.4	1867.1	2112.7	2341.7	2552.8	2741.4	2936.2	3112.3
-32.5°	843.0	1027.7	1266.5	1510.2	1760.8	2011.7	2238.6	2448.3	2644.5	2828.8	3013.6
-35°	795.4	969.6	1180.1	1412.3	1648.1	1894.3	2121.3	2329.0	2532.6	2715.2	2891.8
-37.5°	752.5	906.7	1088.2	1310.0	1535.4	1768.2	1999.1	2200.2	2393.9	2594.6	2766.9
-40°	706.2	839.2	1008.6	1204.7	1417.1	1638.5	1859.6	2067.6	2249.8	2448.1	2637.5
-42.5°	657.6	784.2	930.1	1093.2	1293.7	1502.5	1715.9	1919.4	2108.5	2295.6	2483.4
-45°	615.1	726.0	850.2	999.2	1162.5	1358.9	1560.9	1763.8	1945.3	2123.6	2309.0
-47.5°	569.8	667.4	782.4	901.4	1043.3	1207.5	1397.5	1584.6	1770.4	1940.0	2104.1
-50°	524.8	614.7	709.2	816.3	933.4	1066.5	1224.3	1398.3	1568.0	1742.1	1904.6
-52.5°	486.0	559.3	644.7	734.1	834.3	944.4	1070.9	1213.7	1368.1	1515.9	1678.0
-55°	445.7	511.8	580.7	659.4	742.8	835.8	939.4	1059.5	1177.3	1314.0	1446.3
-57.5°	408.9	464.7	523.4	588.5	660.9	735.3	825.9	919.3	1026.1	1132.4	1237.2
-60°	374.3	419.9	469.7	524.8	583.0	649.2	716.8	797.0	883.1	967.9	1056.8
-62.5°	339.3	377.7	418.3	464.1	514.8	564.9	622.6	684.4	747.7	819.6	889.7
-65°	303.4	334.4	368.9	406.8	447.4	490.0	534.3	580.1	633.9	686.6	737.6
-67.5°	265.3	291.8	319.7	349.6	383.6	417.1	450.5	489.1	528.8	567.7	608.1
-70°	223.0	248.0	271.3	295.5	320.8	347.0	375.5	403.9	431.9	461.1	493.5
-72.5°	180.1	203.1	223.5	241.4	262.2	283.9	304.8	324.7	345.8	368.0	389.9
-75°	143.6	158.8	177.1	193.7	210.2	225.6	239.3	256.2	273.8	290.0	303.2
-77.5°	112.1	125.9	138.4	149.5	162.7	178.1	191.5	203.0	214.2	226.4	239.3
-80°	81.6	93.0	104.4	114.7	122.3	131.0	141.3	153.0	163.2	171.5	179.0
-82.5°	52.7	60.9	69.4	78.0	81.5	83.9	86.1	90.2	96.5	102.8	108.7
-85°	26.2	28.6	33.8	39.1	40.9	42.2	43.1	43.6	45.7	47.7	49.4
-87.5°	13.1	14.3	15.5	16.7	16.1	15.2	14.2	12.9	12.6	12.2	11.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-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°	0.7	0.8	0.8	0.8	0.8	0.6	0.4	0.2	0.0	0.0	0.0
85°	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.6	0.4
82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
80°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
77.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
75°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
72.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
70°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
67.5°	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.6
65°	1.3	1.2	1.3	1.3	1.1	1.1	1.1	1.1	1.0	0.8	0.5
62.5°	2.3	2.6	2.0	2.0	2.0	1.9	1.8	1.7	1.6	1.5	1.6
60°	14.2	8.4	4.9	5.7	5.1	3.4	4.3	5.1	5.2	4.8	4.2
57.5°	79.1	59.1	43.7	104.5	104.8	50.0	60.2	94.7	78.0	25.6	23.8
55°	220.2	263.3	346.6	329.2	334.6	384.8	420.2	372.0	364.7	388.6	448.9
52.5°	395.6	436.8	464.8	490.9	522.8	557.1	592.4	614.9	635.9	658.3	671.6
50°	505.2	563.2	603.0	588.3	670.9	704.6	670.3	701.0	738.3	748.6	753.4
47.5°	745.9	831.0	847.9	902.7	951.9	950.8	909.0	911.4	1022.7	1120.8	1169.0
45°	1072.0	1074.9	1128.4	1225.1	1294.2	1272.5	1330.9	1463.5	1507.7	1550.4	1585.5
42.5°	1199.0	1251.7	1337.0	1422.5	1474.1	1518.8	1562.0	1610.8	1668.2	1714.7	1751.8
40°	1322.0	1364.4	1451.8	1520.7	1563.4	1605.2	1655.5	1709.6	1762.0	1802.9	1830.8
37.5°	1511.3	1544.2	1565.5	1629.4	1710.2	1672.9	1768.5	1837.0	1868.3	1909.8	1913.5
35°	1797.8	1775.9	1747.5	2002.1	2017.4	1931.4	2020.7	2126.9	2071.0	2187.5	2250.2
32.5°	2051.7	2048.4	2270.6	2404.5	2327.4	2390.3	2596.3	2587.2	2724.5	2788.2	2770.0
30°	2290.9	2372.5	2501.1	2600.7	2614.1	2713.2	2804.7	2884.8	2967.7	3042.0	3047.1
27.5°	2412.4	2518.9	2606.1	2663.8	2728.2	2811.6	2894.6	2984.8	3055.3	3101.9	3113.2
25°	2485.8	2594.7	2660.7	2722.8	2793.8	2865.8	2958.7	3057.0	3113.6	3142.3	3151.5
22.5°	2550.6	2648.4	2719.4	2769.7	2846.2	2923.6	3010.3	3093.5	3155.0	3167.5	3172.1
20°	2612.9	2706.9	2825.5	2899.6	2895.9	2983.2	3066.7	3132.8	3184.1	3183.8	3185.0
17.5°	2793.3	2826.8	3042.1	3205.4	3124.5	3081.9	3311.5	3315.8	3329.5	3302.4	3243.7
15°	3060.3	3121.4	3385.8	3562.9	3507.1	3504.2	3835.9	3753.6	3824.4	3805.9	3885.5
12.5°	3343.1	3415.5	3613.0	3787.0	3869.9	3890.2	4001.0	4104.8	4126.1	4117.7	4102.1
10°	3535.8	3638.8	3718.2	3823.8	3907.4	3992.7	4056.8	4131.3	4155.8	4141.6	4121.7
7.5°	3560.9	3662.7	3755.9	3848.5	3928.2	3996.9	4063.4	4124.1	4149.0	4140.7	4127.1
5°	3576.9	3669.1	3759.5	3853.4	3929.6	3993.2	4059.6	4121.0	4135.7	4125.8	4112.5
2.5°	3586.7	3672.1	3759.2	3852.8	3921.9	3982.5	4049.7	4115.3	4115.2	4110.8	4103.0
0°	3591.5	3677.1	3778.2	3862.9	3940.3	3997.6	4064.1	4127.8	4123.3	4111.5	4097.8
-2.5°	3601.7	3688.5	3791.6	3861.8	3949.1	4001.6	4070.3	4125.5	4123.4	4117.6	4110.8
-5°	3610.8	3708.4	3804.9	3878.7	3966.2	4034.9	4103.2	4146.3	4148.7	4140.6	4129.1
-7.5°	3616.4	3724.6	3816.6	3890.7	3975.6	4055.5	4124.8	4170.0	4171.1	4160.3	4146.6
-10°	3614.6	3728.7	3823.5	3900.1	3986.9	4065.8	4138.3	4195.7	4193.9	4183.6	4172.0
-12.5°	3607.7	3721.8	3819.1	3895.9	3994.5	4075.8	4157.3	4214.4	4217.5	4209.7	4197.2
-15°	3592.7	3710.5	3805.1	3889.0	3985.7	4080.7	4164.4	4227.4	4238.7	4232.4	4222.4
-17.5°	3563.1	3687.3	3787.7	3878.1	3970.9	4072.1	4167.3	4236.2	4251.6	4249.1	4240.8
-20°	3524.1	3652.3	3754.2	3849.0	3949.9	4054.2	4165.0	4228.0	4250.3	4251.7	4246.1



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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°	3480.4	3605.9	3714.0	3807.2	3916.6	4022.1	4122.5	4196.3	4233.8	4240.7	4241.2
-25°	3427.9	3556.9	3664.3	3763.5	3865.3	3974.3	4075.7	4158.1	4196.1	4214.2	4219.9
-27.5°	3353.8	3487.1	3592.8	3697.7	3801.3	3913.9	4020.4	4109.9	4140.8	4165.8	4175.8
-30°	3267.0	3398.8	3506.6	3602.5	3721.0	3835.8	3945.8	4023.9	4070.4	4099.0	4114.6
-32.5°	3167.2	3300.2	3413.4	3513.5	3626.1	3740.9	3844.4	3926.8	3991.0	4023.9	4040.6
-35°	3059.0	3194.8	3313.2	3418.7	3524.7	3634.1	3741.3	3827.5	3900.7	3929.0	3949.9
-37.5°	2928.4	3078.3	3199.7	3308.4	3409.2	3512.0	3623.7	3722.3	3793.4	3820.8	3842.8
-40°	2794.5	2939.3	3061.8	3177.8	3277.5	3389.8	3497.3	3600.6	3662.2	3694.3	3719.2
-42.5°	2653.2	2784.0	2900.5	3013.1	3124.1	3239.7	3347.2	3454.5	3507.9	3546.4	3577.0
-45°	2490.1	2611.8	2725.0	2830.4	2944.8	3058.4	3166.0	3260.8	3324.3	3374.5	3413.6
-47.5°	2272.6	2420.9	2534.5	2634.8	2748.2	2857.8	2962.0	3051.2	3120.9	3179.6	3225.0
-50°	2051.6	2194.0	2322.2	2434.8	2540.0	2641.4	2740.6	2827.8	2901.5	2965.2	3011.2
-52.5°	1834.1	1967.4	2094.6	2211.0	2312.1	2407.8	2498.5	2586.3	2664.0	2732.1	2776.6
-55°	1588.3	1726.4	1852.2	1960.7	2061.8	2156.4	2246.0	2329.2	2405.7	2475.0	2517.6
-57.5°	1357.7	1478.9	1595.9	1696.0	1791.4	1881.5	1966.5	2046.2	2119.8	2185.0	2226.1
-60°	1145.7	1234.0	1334.7	1427.2	1511.8	1588.4	1667.7	1742.0	1809.7	1867.0	1905.3
-62.5°	958.3	1031.6	1104.3	1174.6	1243.1	1312.0	1378.4	1440.0	1496.6	1543.6	1577.1
-65°	791.3	850.2	902.8	952.7	1000.2	1054.5	1105.0	1152.4	1196.3	1232.4	1257.9
-67.5°	651.6	693.0	729.3	763.5	801.0	839.4	875.4	906.8	933.6	955.0	971.8
-70°	525.5	555.9	583.3	610.6	638.0	662.9	686.7	709.8	731.7	749.6	763.0
-72.5°	411.5	432.3	451.0	472.0	491.7	510.6	527.1	540.4	550.7	560.8	569.6
-75°	313.7	329.3	350.4	368.2	382.9	395.9	407.8	418.5	427.8	436.0	443.3
-77.5°	252.4	265.6	279.0	292.0	304.6	313.9	322.6	331.2	339.7	347.1	353.5
-80°	187.0	196.9	207.3	217.7	228.1	233.2	237.3	241.1	244.5	248.9	252.9
-82.5°	114.3	119.9	125.7	131.6	137.4	138.8	139.3	139.2	138.4	136.8	134.4
-85°	50.9	51.2	51.0	50.5	49.5	47.5	45.0	42.2	39.0	38.5	37.9
-87.5°	11.2	11.0	10.7	10.3	9.9	9.9	9.8	9.8	9.7	10.0	10.3
-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):

	-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	0.2
85°	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.6	0.8	0.8
82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
80°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
77.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
75°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
72.5°	0.9	0.9	0.5	0.0	0.5	0.9	0.9	0.9	0.9	0.9	0.9
70°	0.9	0.9	0.5	0.0	0.5	0.9	0.9	0.9	0.9	0.9	0.9
67.5°	0.3	0.1	0.0	0.0	0.0	0.1	0.3	0.6	0.8	0.9	0.9
65°	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.8	1.0	1.1
62.5°	1.6	1.7	1.8	1.8	1.8	1.7	1.6	1.6	1.5	1.6	1.7
60°	3.3	2.1	1.8	1.8	1.8	2.1	3.3	4.2	4.8	5.2	5.1
57.5°	20.1	15.0	12.8	11.8	12.8	15.0	20.1	23.8	25.6	78.0	94.7
55°	492.1	517.1	535.9	544.6	535.9	517.1	492.1	448.9	388.6	364.7	372.0
52.5°	683.3	694.2	700.5	700.3	700.5	694.2	683.3	671.6	658.3	635.9	614.9
50°	761.6	766.9	768.8	767.7	768.8	766.9	761.6	753.4	748.6	738.3	701.0
47.5°	1125.0	1027.6	956.0	938.8	956.0	1027.6	1125.0	1169.0	1120.8	1022.7	911.4
45°	1602.3	1639.2	1676.0	1687.4	1676.0	1639.2	1602.3	1585.5	1550.4	1507.7	1463.5
42.5°	1767.5	1779.6	1786.4	1786.6	1786.4	1779.6	1767.5	1751.8	1714.7	1668.2	1610.8
40°	1846.4	1857.8	1864.4	1865.0	1864.4	1857.8	1846.4	1830.8	1802.9	1762.0	1709.6
37.5°	1918.1	1927.7	1934.1	1940.5	1934.1	1927.7	1918.1	1913.5	1909.8	1868.3	1837.0
35°	2241.8	2168.4	2063.0	2078.9	2063.0	2168.4	2241.8	2250.2	2187.5	2071.0	2126.9
32.5°	2798.4	2829.2	2848.4	2881.2	2848.4	2829.2	2798.4	2770.0	2788.2	2724.5	2587.2
30°	3055.2	3065.4	3080.8	3097.0	3080.8	3065.4	3055.2	3047.1	3042.0	2967.7	2884.8
27.5°	3119.3	3129.8	3139.1	3146.2	3139.1	3129.8	3119.3	3113.2	3101.9	3055.3	2984.8
25°	3152.8	3159.4	3169.3	3178.1	3169.3	3159.4	3152.8	3151.5	3142.3	3113.6	3057.0
22.5°	3169.5	3170.2	3178.0	3189.0	3178.0	3170.2	3169.5	3172.1	3167.5	3155.0	3093.5
20°	3180.9	3174.7	3182.8	3189.9	3182.8	3174.7	3180.9	3185.0	3183.8	3184.1	3132.8
17.5°	3326.5	3243.4	3209.3	3209.9	3209.3	3243.4	3326.5	3243.7	3302.4	3329.5	3315.8
15°	3796.1	3827.3	3946.7	4011.3	3946.7	3827.3	3796.1	3885.5	3805.9	3824.4	3753.6
12.5°	4099.2	4088.1	4073.9	4093.2	4073.9	4088.1	4099.2	4102.1	4117.7	4126.1	4104.8
10°	4113.2	4111.9	4086.7	4114.2	4086.7	4111.9	4113.2	4121.7	4141.6	4155.8	4131.3
7.5°	4104.6	4105.4	4094.6	4121.5	4094.6	4105.4	4104.6	4127.1	4140.7	4149.0	4124.1
5°	4110.3	4091.8	4098.8	4114.2	4098.8	4091.8	4110.3	4112.5	4125.8	4135.7	4121.0
2.5°	4094.4	4092.5	4078.8	4089.6	4078.8	4092.5	4094.4	4103.0	4110.8	4115.2	4115.3
0°	4082.3	4072.3	4072.3	4081.4	4072.3	4072.3	4082.3	4097.8	4111.5	4123.3	4127.8
-2.5°	4103.9	4101.8	4100.4	4094.1	4100.4	4101.8	4103.9	4110.8	4117.6	4123.4	4125.5
-5°	4121.6	4116.1	4101.3	4121.5	4101.3	4116.1	4121.6	4129.1	4140.6	4148.7	4146.3
-7.5°	4140.6	4126.8	4112.6	4144.2	4112.6	4126.8	4140.6	4146.6	4160.3	4171.1	4170.0
-10°	4158.0	4138.0	4124.2	4155.2	4124.2	4138.0	4158.0	4172.0	4183.6	4193.9	4195.7
-12.5°	4181.0	4157.6	4148.4	4165.2	4148.4	4157.6	4181.0	4197.2	4209.7	4217.5	4214.4
-15°	4205.5	4189.3	4187.2	4197.1	4187.2	4189.3	4205.5	4222.4	4232.4	4238.7	4227.4
-17.5°	4227.0	4215.7	4221.3	4232.6	4221.3	4215.7	4227.0	4240.8	4249.1	4251.6	4236.2
-20°	4237.3	4230.9	4237.2	4265.3	4237.2	4230.9	4237.3	4246.1	4251.7	4250.3	4228.0



REPORT NUMBER: P645407 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-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°	4236.4	4236.8	4248.0	4257.2	4248.0	4236.8	4236.4	4241.2	4240.7	4233.8	4196.3
-25°	4220.3	4228.8	4241.6	4259.9	4241.6	4228.8	4220.3	4219.9	4214.2	4196.1	4158.1
-27.5°	4181.3	4195.4	4208.8	4228.0	4208.8	4195.4	4181.3	4175.8	4165.8	4140.8	4109.9
-30°	4124.9	4141.8	4153.7	4174.3	4153.7	4141.8	4124.9	4114.6	4099.0	4070.4	4023.9
-32.5°	4056.3	4075.4	4089.4	4104.2	4089.4	4075.4	4056.3	4040.6	4023.9	3991.0	3926.8
-35°	3970.6	3991.0	4006.0	4019.5	4006.0	3991.0	3970.6	3949.9	3929.0	3900.7	3827.5
-37.5°	3867.5	3889.7	3906.7	3922.0	3906.7	3889.7	3867.5	3842.8	3820.8	3793.4	3722.3
-40°	3747.5	3770.2	3788.4	3805.5	3788.4	3770.2	3747.5	3719.2	3694.3	3662.2	3600.6
-42.5°	3607.1	3630.0	3648.8	3666.2	3648.8	3630.0	3607.1	3577.0	3546.4	3507.9	3454.5
-45°	3445.1	3468.7	3488.6	3506.8	3488.6	3468.7	3445.1	3413.6	3374.5	3324.3	3260.8
-47.5°	3258.4	3283.6	3300.7	3309.2	3300.7	3283.6	3258.4	3225.0	3179.6	3120.9	3051.2
-50°	3044.5	3069.7	3090.1	3105.2	3090.1	3069.7	3044.5	3011.2	2965.2	2901.5	2827.8
-52.5°	2809.1	2833.0	2850.6	2861.2	2850.6	2833.0	2809.1	2776.6	2732.1	2664.0	2586.3
-55°	2551.2	2576.3	2592.9	2600.7	2592.9	2576.3	2551.2	2517.6	2475.0	2405.7	2329.2
-57.5°	2258.7	2282.5	2300.2	2310.2	2300.2	2282.5	2258.7	2226.1	2185.0	2119.8	2046.2
-60°	1935.1	1956.4	1969.9	1975.1	1969.9	1956.4	1935.1	1905.3	1867.0	1809.7	1742.0
-62.5°	1604.2	1624.3	1636.9	1641.8	1636.9	1624.3	1604.2	1577.1	1543.6	1496.6	1440.0
-65°	1277.0	1289.7	1296.6	1297.6	1296.6	1289.7	1277.0	1257.9	1232.4	1196.3	1152.4
-67.5°	985.1	994.8	1000.6	1002.6	1000.6	994.8	985.1	971.8	955.0	933.6	906.8
-70°	773.0	779.7	783.4	784.0	783.4	779.7	773.0	763.0	749.6	731.7	709.8
-72.5°	576.3	581.1	579.4	575.5	579.4	581.1	576.3	569.6	560.8	550.7	540.4
-75°	449.6	454.8	452.6	448.9	452.6	454.8	449.6	443.3	436.0	427.8	418.5
-77.5°	359.2	364.0	361.6	357.9	361.6	364.0	359.2	353.5	347.1	339.7	331.2
-80°	256.4	259.2	261.3	262.3	261.3	259.2	256.4	252.9	248.9	244.5	241.1
-82.5°	131.3	127.4	125.0	122.0	125.0	127.4	131.3	134.4	136.8	138.4	139.2
-85°	37.1	36.2	36.8	37.3	36.8	36.2	37.1	37.9	38.5	39.0	42.2
-87.5°	10.6	10.9	10.9	10.9	10.9	10.9	10.6	10.3	10.0	9.7	9.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	0.4	0.6	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6
85°	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
80°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
77.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
75°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
72.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
70°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0
67.5°	0.9	0.9	0.9	0.9	0.9	0.9	1.0	0.9	0.9	0.9	1.1
65°	1.1	1.1	1.1	1.3	1.3	1.2	1.3	1.3	1.3	1.2	1.2
62.5°	1.8	1.9	2.0	2.0	2.0	2.6	2.3	2.3	2.1	2.6	3.5
60°	4.3	3.4	5.1	5.7	4.9	8.4	14.2	12.8	3.8	20.6	23.8
57.5°	60.2	50.0	104.8	104.5	43.7	59.1	79.1	52.1	34.0	58.4	77.1
55°	420.2	384.8	334.6	329.2	346.6	263.3	220.2	211.9	165.8	107.8	128.0
52.5°	592.4	557.1	522.8	490.9	464.8	436.8	395.6	351.1	336.8	271.2	209.1
50°	670.3	704.6	670.9	588.3	603.0	563.2	505.2	457.9	467.6	427.4	344.6
47.5°	909.0	950.8	951.9	902.7	847.9	831.0	745.9	598.2	608.1	606.4	518.7
45°	1330.9	1272.5	1294.2	1225.1	1128.4	1074.9	1072.0	914.0	767.6	743.9	735.4
42.5°	1562.0	1518.8	1474.1	1422.5	1337.0	1251.7	1199.0	1110.1	992.4	888.3	851.3
40°	1655.5	1605.2	1563.4	1520.7	1451.8	1364.4	1322.0	1205.3	1116.8	1026.7	996.7
37.5°	1768.5	1672.9	1710.2	1629.4	1565.5	1544.2	1511.3	1389.8	1193.8	1177.3	1162.1
35°	2020.7	1931.4	2017.4	2002.1	1747.5	1775.9	1797.8	1648.5	1443.2	1331.9	1334.3
32.5°	2596.3	2390.3	2327.4	2404.5	2270.6	2048.4	2051.7	2006.2	1726.0	1564.1	1493.2
30°	2804.7	2713.2	2614.1	2600.7	2501.1	2372.5	2290.9	2181.7	1977.7	1792.9	1671.4
27.5°	2894.6	2811.6	2728.2	2663.8	2606.1	2518.9	2412.4	2284.0	2138.9	1973.3	1855.3
25°	2958.7	2865.8	2793.8	2722.8	2660.7	2594.7	2485.8	2360.8	2225.4	2091.9	1965.2
22.5°	3010.3	2923.6	2846.2	2769.7	2719.4	2648.4	2550.6	2421.5	2330.6	2245.7	2081.0
20°	3066.7	2983.2	2895.9	2899.6	2825.5	2706.9	2612.9	2548.7	2536.2	2440.7	2228.0
17.5°	3311.5	3081.9	3124.5	3205.4	3042.1	2826.8	2793.3	2796.9	2757.4	2668.6	2404.1
15°	3835.9	3504.2	3507.1	3562.9	3385.8	3121.4	3060.3	3052.8	2990.7	2892.5	2590.1
12.5°	4001.0	3890.2	3869.9	3787.0	3613.0	3415.5	3343.1	3303.9	3189.9	2999.9	2723.9
10°	4056.8	3992.7	3907.4	3823.8	3718.2	3638.8	3535.8	3393.4	3231.6	3048.3	2823.6
7.5°	4063.4	3996.9	3928.2	3848.5	3755.9	3662.7	3560.9	3419.3	3262.9	3083.1	2893.9
5°	4059.6	3993.2	3929.6	3853.4	3759.5	3669.1	3576.9	3436.9	3284.0	3105.9	2940.1
2.5°	4049.7	3982.5	3921.9	3852.8	3759.2	3672.1	3586.7	3455.7	3299.2	3124.6	2955.5
0°	4064.1	3997.6	3940.3	3862.9	3778.2	3677.1	3591.5	3474.9	3306.5	3137.1	2961.3
-2.5°	4070.3	4001.6	3949.1	3861.8	3791.6	3688.5	3601.7	3489.1	3320.2	3159.1	2975.4
-5°	4103.2	4034.9	3966.2	3878.7	3804.9	3708.4	3610.8	3494.9	3330.5	3171.0	2981.8
-7.5°	4124.8	4055.5	3975.6	3890.7	3816.6	3724.6	3616.4	3495.5	3340.0	3170.8	2984.8
-10°	4138.3	4065.8	3986.9	3900.1	3823.5	3728.7	3614.6	3492.4	3338.1	3163.4	2978.1
-12.5°	4157.3	4075.8	3994.5	3895.9	3819.1	3721.8	3607.7	3485.5	3323.8	3149.6	2961.1
-15°	4164.4	4080.7	3985.7	3889.0	3805.1	3710.5	3592.7	3464.8	3298.9	3128.2	2933.2
-17.5°	4167.3	4072.1	3970.9	3878.1	3787.7	3687.3	3563.1	3427.0	3266.9	3090.5	2896.5
-20°	4165.0	4054.2	3949.9	3849.0	3754.2	3652.3	3524.1	3389.4	3221.1	3041.7	2848.9



REPORT NUMBER: P645407 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-730-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°	4122.5	4022.1	3916.6	3807.2	3714.0	3605.9	3480.4	3340.9	3161.6	2988.1	2788.4
-25°	4075.7	3974.3	3865.3	3763.5	3664.3	3556.9	3427.9	3269.8	3099.5	2919.0	2714.9
-27.5°	4020.4	3913.9	3801.3	3697.7	3592.8	3487.1	3353.8	3194.5	3030.5	2833.2	2635.0
-30°	3945.8	3835.8	3721.0	3602.5	3506.6	3398.8	3267.0	3112.3	2936.2	2741.4	2552.8
-32.5°	3844.4	3740.9	3626.1	3513.5	3413.4	3300.2	3167.2	3013.6	2828.8	2644.5	2448.3
-35°	3741.3	3634.1	3524.7	3418.7	3313.2	3194.8	3059.0	2891.8	2715.2	2532.6	2329.0
-37.5°	3623.7	3512.0	3409.2	3308.4	3199.7	3078.3	2928.4	2766.9	2594.6	2393.9	2200.2
-40°	3497.3	3389.8	3277.5	3177.8	3061.8	2939.3	2794.5	2637.5	2448.1	2249.8	2067.6
-42.5°	3347.2	3239.7	3124.1	3013.1	2900.5	2784.0	2653.2	2483.4	2295.6	2108.5	1919.4
-45°	3166.0	3058.4	2944.8	2830.4	2725.0	2611.8	2490.1	2309.0	2123.6	1945.3	1763.8
-47.5°	2962.0	2857.8	2748.2	2634.8	2534.5	2420.9	2272.6	2104.1	1940.0	1770.4	1584.6
-50°	2740.6	2641.4	2540.0	2434.8	2322.2	2194.0	2051.6	1904.6	1742.1	1568.0	1398.3
-52.5°	2498.5	2407.8	2312.1	2211.0	2094.6	1967.4	1834.1	1678.0	1515.9	1368.1	1213.7
-55°	2246.0	2156.4	2061.8	1960.7	1852.2	1726.4	1588.3	1446.3	1314.0	1177.3	1059.5
-57.5°	1966.5	1881.5	1791.4	1696.0	1595.9	1478.9	1357.7	1237.2	1132.4	1026.1	919.3
-60°	1667.7	1588.4	1511.8	1427.2	1334.7	1234.0	1145.7	1056.8	967.9	883.1	797.0
-62.5°	1378.4	1312.0	1243.1	1174.6	1104.3	1031.6	958.3	889.7	819.6	747.7	684.4
-65°	1105.0	1054.5	1000.2	952.7	902.8	850.2	791.3	737.6	686.6	633.9	580.1
-67.5°	875.4	839.4	801.0	763.5	729.3	693.0	651.6	608.1	567.7	528.8	489.1
-70°	686.7	662.9	638.0	610.6	583.3	555.9	525.5	493.5	461.1	431.9	403.9
-72.5°	527.1	510.6	491.7	472.0	451.0	432.3	411.5	389.9	368.0	345.8	324.7
-75°	407.8	395.9	382.9	368.2	350.4	329.3	313.7	303.2	290.0	273.8	256.2
-77.5°	322.6	313.9	304.6	292.0	279.0	265.6	252.4	239.3	226.4	214.2	203.0
-80°	237.3	233.2	228.1	217.7	207.3	196.9	187.0	179.0	171.5	163.2	153.0
-82.5°	139.3	138.8	137.4	131.6	125.7	119.9	114.3	108.7	102.8	96.5	90.2
-85°	45.0	47.5	49.5	50.5	51.0	51.2	50.9	49.4	47.7	45.7	43.6
-87.5°	9.8	9.9	9.9	10.3	10.7	11.0	11.2	11.8	12.2	12.6	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: P645407 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-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°	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.5	0.5
85°	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.9	0.9	0.9
82.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.1	1.4	1.4
80°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.2	1.4	1.6
77.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.2	1.4	1.6
75°	0.9	0.9	0.9	0.9	1.0	0.9	0.9	1.0	1.2	1.4	1.6
72.5°	0.9	0.9	0.9	1.0	1.1	1.2	1.0	1.0	1.2	1.4	1.6
70°	1.0	0.9	0.9	1.0	1.3	1.5	1.4	1.4	1.3	1.5	1.7
67.5°	1.3	1.4	1.2	1.2	1.3	1.5	1.7	2.0	2.0	1.5	1.7
65°	1.4	1.6	1.9	2.6	2.3	1.6	1.8	3.6	2.8	2.4	1.7
62.5°	3.0	1.7	5.7	7.7	4.3	3.4	2.7	7.9	5.0	3.4	2.4
60°	7.1	5.8	16.0	25.7	17.9	6.0	8.9	13.7	12.6	4.4	3.4
57.5°	66.8	22.9	33.3	48.1	47.3	25.7	18.7	24.9	21.5	12.4	4.9
55°	142.5	120.0	79.2	72.5	78.4	63.3	41.2	40.4	33.1	23.0	7.9
52.5°	195.6	204.1	177.6	124.1	108.1	103.0	80.4	58.6	52.0	34.4	20.0
50°	283.1	263.7	261.0	219.1	151.6	137.2	118.7	91.6	73.0	49.3	33.7
47.5°	399.9	351.3	325.6	306.7	241.8	174.9	155.8	125.2	96.2	71.0	48.1
45°	571.6	454.1	404.3	373.7	331.4	245.9	194.9	157.9	125.3	95.4	63.2
42.5°	743.9	587.1	494.1	444.8	400.7	326.2	236.8	195.6	153.7	120.1	82.3
40°	896.0	724.3	588.5	525.1	468.9	403.7	304.6	235.9	181.6	145.6	104.1
37.5°	1079.1	880.5	697.2	609.3	541.4	468.4	373.4	278.0	215.1	172.4	125.9
35°	1256.3	1082.7	818.8	711.1	622.2	534.8	439.7	327.8	256.2	199.5	147.7
32.5°	1446.5	1272.8	1002.5	824.7	705.8	602.7	501.6	388.3	297.5	227.0	169.5
30°	1596.3	1398.0	1163.7	938.4	796.8	678.4	563.5	446.4	339.0	254.8	191.4
27.5°	1675.6	1506.3	1291.0	1065.1	899.2	756.0	627.3	501.9	380.4	285.3	214.2
25°	1757.7	1582.6	1381.9	1175.9	1000.3	838.2	690.7	554.9	425.6	319.7	236.8
22.5°	1856.0	1647.5	1458.6	1263.8	1104.5	921.5	757.3	608.5	470.8	353.4	259.1
20°	1954.6	1707.7	1534.3	1383.3	1206.9	1011.6	826.9	660.7	513.4	386.2	280.8
17.5°	2058.1	1817.1	1662.7	1499.8	1308.9	1099.0	895.4	711.4	553.4	418.0	301.9
15°	2238.2	1980.9	1792.1	1613.3	1410.4	1182.9	962.3	760.0	590.7	448.5	321.6
12.5°	2401.8	2133.3	1921.6	1723.0	1510.2	1263.0	1026.9	806.3	625.3	472.9	339.1
10°	2537.2	2274.7	2049.6	1828.3	1607.1	1338.7	1088.4	844.0	646.1	491.1	355.2
7.5°	2648.0	2405.4	2174.3	1928.5	1690.4	1388.1	1119.4	866.0	662.1	506.6	370.0
5°	2728.1	2492.5	2240.6	1963.4	1716.4	1408.4	1140.5	883.9	675.1	519.5	383.2
2.5°	2751.2	2519.3	2265.5	1982.5	1733.9	1421.6	1155.6	897.6	685.0	530.0	395.0
0°	2764.6	2537.0	2281.1	1994.3	1742.9	1427.9	1164.7	907.0	692.1	538.2	405.2
-2.5°	2783.4	2552.2	2296.2	2024.5	1748.9	1447.0	1169.8	913.1	701.0	541.1	411.2
-5°	2792.7	2558.1	2303.4	2044.8	1747.3	1458.4	1169.2	915.1	706.8	542.1	415.5
-7.5°	2788.6	2556.1	2303.7	2051.2	1739.4	1461.0	1162.8	913.0	709.2	541.4	418.3
-10°	2776.1	2545.7	2294.8	2034.7	1732.2	1450.7	1151.5	907.2	707.8	539.1	419.3
-12.5°	2757.0	2526.4	2276.9	2011.0	1717.0	1429.4	1138.2	897.3	702.1	535.3	418.6
-15°	2732.2	2498.2	2249.5	1980.9	1692.0	1401.1	1118.1	882.8	691.0	531.1	416.1
-17.5°	2700.4	2461.5	2212.7	1945.2	1656.9	1366.0	1091.2	864.0	677.0	525.9	411.1
-20°	2643.5	2412.1	2166.0	1904.6	1611.3	1324.4	1057.3	840.9	660.5	518.6	404.0



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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°	2579.7	2351.0	2107.7	1849.8	1556.4	1276.6	1016.3	813.3	641.3	509.0	395.4
-25°	2511.6	2282.2	2039.9	1774.0	1495.7	1226.1	975.3	781.5	619.8	497.2	385.4
-27.5°	2431.6	2204.3	1963.1	1690.5	1425.3	1167.5	935.9	753.2	599.0	483.1	374.0
-30°	2341.7	2112.7	1867.1	1601.4	1348.1	1099.7	891.8	723.1	581.4	467.7	361.4
-32.5°	2238.6	2011.7	1760.8	1510.2	1266.5	1027.7	843.0	690.8	561.0	451.3	349.7
-35°	2121.3	1894.3	1648.1	1412.3	1180.1	969.6	795.4	656.6	537.9	433.6	337.4
-37.5°	1999.1	1768.2	1535.4	1310.0	1088.2	906.7	752.5	622.8	512.1	414.7	323.8
-40°	1859.6	1638.5	1417.1	1204.7	1008.6	839.2	706.2	589.4	487.7	394.6	308.9
-42.5°	1715.9	1502.5	1293.7	1093.2	930.1	784.2	657.6	553.4	462.0	375.1	292.7
-45°	1560.9	1358.9	1162.5	999.2	850.2	726.0	615.1	516.2	434.6	355.2	276.0
-47.5°	1397.5	1207.5	1043.3	901.4	782.4	667.4	569.8	484.0	405.8	333.8	259.3
-50°	1224.3	1066.5	933.4	816.3	709.2	614.7	524.8	450.3	379.4	310.2	241.8
-52.5°	1070.9	944.4	834.3	734.1	644.7	559.3	486.0	415.7	352.2	287.7	223.4
-55°	939.4	835.8	742.8	659.4	580.7	511.8	445.7	385.0	324.2	265.0	204.9
-57.5°	825.9	735.3	660.9	588.5	523.4	464.7	408.9	353.5	297.4	241.6	190.2
-60°	716.8	649.2	583.0	524.8	469.7	419.9	374.3	322.2	270.3	218.2	173.8
-62.5°	622.6	564.9	514.8	464.1	418.3	377.7	339.3	291.5	242.5	196.5	156.1
-65°	534.3	490.0	447.4	406.8	368.9	334.4	303.4	260.0	214.6	173.5	137.7
-67.5°	450.5	417.1	383.6	349.6	319.7	291.8	265.3	226.1	185.5	149.3	119.5
-70°	375.5	347.0	320.8	295.5	271.3	248.0	223.0	189.9	155.0	127.6	100.8
-72.5°	304.8	283.9	262.2	241.4	223.5	203.1	180.1	154.3	129.8	105.6	81.8
-75°	239.3	225.6	210.2	193.7	177.1	158.8	143.6	125.6	104.2	83.1	65.9
-77.5°	191.5	178.1	162.7	149.5	138.4	125.9	112.1	96.5	79.5	64.7	50.9
-80°	141.3	131.0	122.3	114.7	104.4	93.0	81.6	70.2	57.8	46.3	35.7
-82.5°	86.1	83.9	81.5	78.0	69.4	60.9	52.7	44.5	35.7	27.6	22.9
-85°	43.1	42.2	40.9	39.1	33.8	28.6	26.2	23.8	20.9	18.0	15.3
-87.5°	14.2	15.2	16.1	16.7	15.5	14.3	13.1	11.9	10.4	9.0	7.7
-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):

	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°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
85°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
82.5°	1.4	1.2	0.9	0.7	0.5	0.3	0.0
80°	1.8	1.6	1.2	0.9	0.6	0.4	0.0
77.5°	1.8	1.8	1.6	1.2	0.8	0.5	0.0
75°	1.8	1.9	1.8	1.4	0.9	0.6	0.0
72.5°	1.8	1.9	1.9	1.6	1.1	0.7	0.0
70°	1.9	2.0	2.0	1.8	1.3	0.8	0.0
67.5°	2.1	2.1	2.1	1.9	1.4	0.9	0.0
65°	2.4	2.4	2.2	2.0	1.6	1.0	0.0
62.5°	2.8	3.0	2.3	2.1	1.8	1.1	0.0
60°	3.4	3.6	2.4	2.2	1.9	1.2	0.0
57.5°	6.2	4.4	3.1	2.3	2.0	1.2	0.0
55°	9.9	5.2	3.8	2.4	2.1	1.3	0.0
52.5°	14.3	6.6	4.6	2.5	2.2	1.4	0.0
50°	19.2	11.3	5.5	2.6	2.3	1.5	0.0
47.5°	25.8	16.3	6.3	2.8	2.4	1.6	0.0
45°	39.0	21.7	7.2	3.5	2.6	1.7	0.0
42.5°	52.4	27.4	8.2	4.2	2.7	1.8	0.0
40°	66.2	33.5	11.0	5.1	2.8	1.8	0.0
37.5°	80.2	39.9	15.8	6.2	2.9	1.9	0.0
35°	94.5	49.6	20.6	7.4	3.0	2.0	0.0
32.5°	109.9	60.8	25.5	8.8	3.1	2.1	0.0
30°	127.5	71.9	30.4	10.2	3.3	2.1	0.0
27.5°	144.8	83.0	36.5	11.7	3.4	2.2	0.0
25°	161.7	93.8	42.7	13.4	3.5	2.3	0.0
22.5°	178.1	104.9	48.9	15.1	3.6	2.3	0.0
20°	194.0	116.7	55.1	16.8	3.8	2.4	0.0
17.5°	209.6	128.2	61.1	18.6	3.9	2.4	0.0
15°	224.7	139.2	67.0	20.4	4.0	2.5	0.0
12.5°	238.8	149.7	72.7	22.1	4.1	2.5	0.0
10°	251.8	159.6	78.2	23.9	4.2	2.6	0.0
7.5°	263.9	168.9	83.4	25.6	4.3	2.6	0.0
5°	274.8	177.4	88.2	27.2	4.4	2.7	0.0
2.5°	284.6	185.2	92.6	28.7	4.5	2.7	0.0
0°	293.2	192.1	96.5	30.1	4.6	2.7	0.0
-2.5°	297.5	196.5	100.2	32.1	5.3	2.9	0.0
-5°	300.6	200.0	103.3	33.8	6.0	3.0	0.0
-7.5°	302.6	202.5	105.8	35.5	6.7	3.1	0.0
-10°	303.5	204.1	107.8	36.8	7.3	3.3	0.0
-12.5°	303.4	204.7	109.1	38.0	8.0	3.4	0.0
-15°	302.2	204.4	109.7	39.0	8.5	3.5	0.0
-17.5°	300.0	203.2	109.6	39.6	9.1	3.6	0.0
-20°	296.6	201.0	108.8	40.0	9.6	3.7	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	291.6	198.0	107.3	40.1	10.0	3.8	0.0
-25°	285.5	193.2	105.0	40.0	10.4	3.8	0.0
-27.5°	278.3	187.3	101.9	39.5	10.8	3.9	0.0
-30°	269.9	180.5	98.1	38.6	11.0	3.9	0.0
-32.5°	260.4	173.0	93.7	37.5	11.3	3.9	0.0
-35°	250.1	164.6	88.7	36.0	11.4	3.9	0.0
-37.5°	239.0	156.2	83.2	34.2	11.5	3.9	0.0
-40°	227.1	148.7	77.3	32.1	11.5	3.9	0.0
-42.5°	214.3	140.5	72.8	29.8	11.4	3.8	0.0
-45°	200.8	131.9	69.7	27.4	11.3	3.7	0.0
-47.5°	186.5	122.7	66.0	24.8	11.1	3.6	0.0
-50°	174.5	113.1	61.9	23.9	10.8	3.5	0.0
-52.5°	162.5	103.0	57.2	23.4	10.5	3.4	0.0
-55°	150.0	95.4	51.9	22.7	10.0	3.3	0.0
-57.5°	137.1	87.6	46.2	21.7	9.6	3.1	0.0
-60°	124.0	79.1	40.2	20.5	9.0	2.9	0.0
-62.5°	112.0	70.0	37.3	19.0	8.5	2.7	0.0
-65°	99.2	60.2	34.1	17.4	7.9	2.5	0.0
-67.5°	85.6	52.1	30.5	15.5	7.2	2.3	0.0
-70°	71.3	45.6	26.5	13.4	6.5	2.1	0.0
-72.5°	60.3	38.6	22.2	11.8	5.8	1.9	0.0
-75°	49.3	31.2	17.7	10.3	5.0	1.6	0.0
-77.5°	37.7	23.4	14.6	8.7	4.2	1.4	0.0
-80°	25.8	17.8	11.8	7.0	3.4	1.1	0.0
-82.5°	18.9	13.5	8.9	5.3	2.6	0.8	0.0
-85°	12.7	9.0	6.0	3.5	1.7	0.6	0.0
-87.5°	6.4	4.5	3.0	1.8	0.9	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)