

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: P645413 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA3B-750-U-LAM-VSR-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645413 (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-750-U-LAM-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQUARE, LAMBERTIAN WITH VISOR
Light Source: (48) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

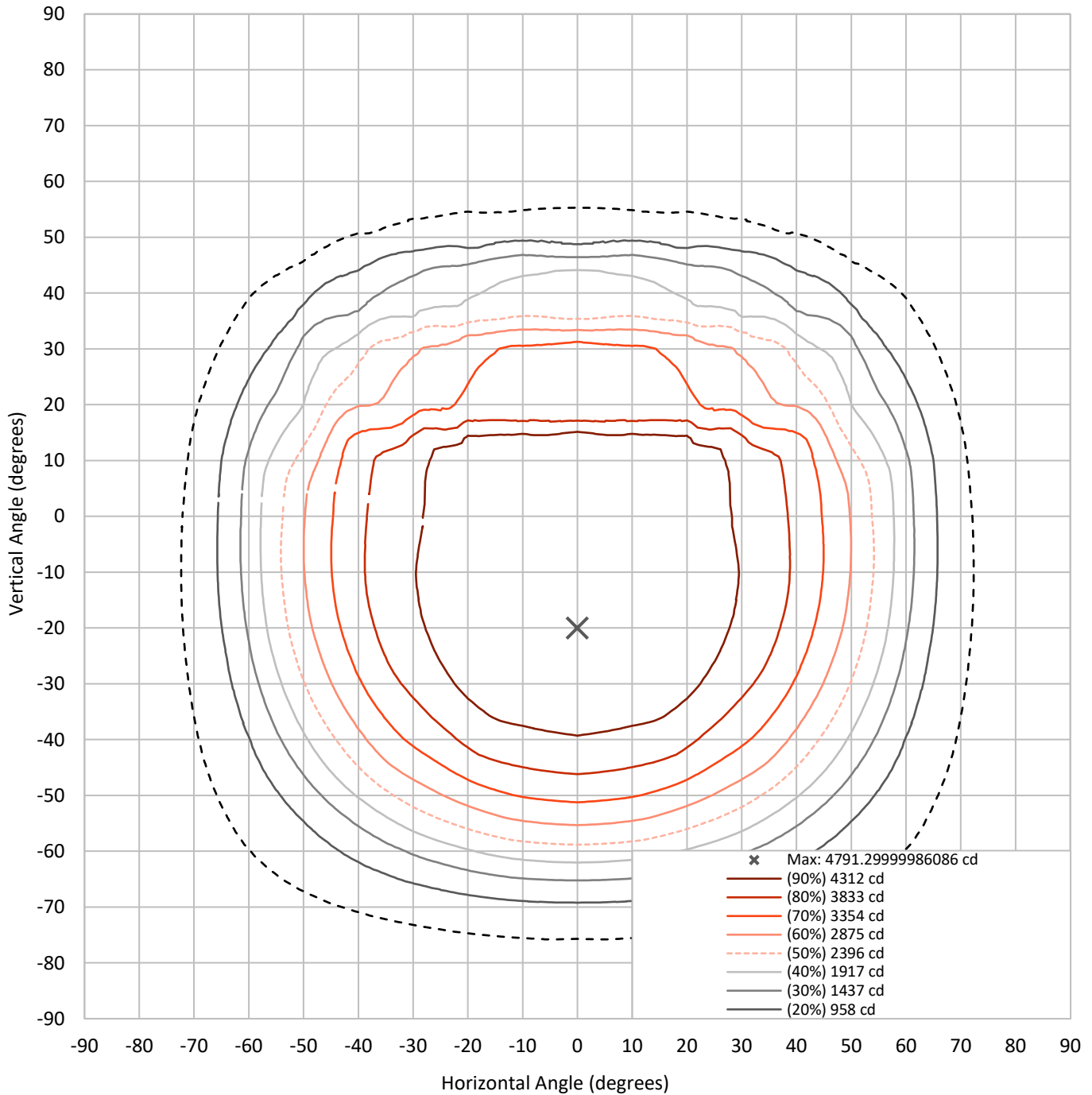
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	11234.7 lumens	Max Intensity:	4791.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	119.9 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:	8782.6 lumens	Field Lumens:	11011.6 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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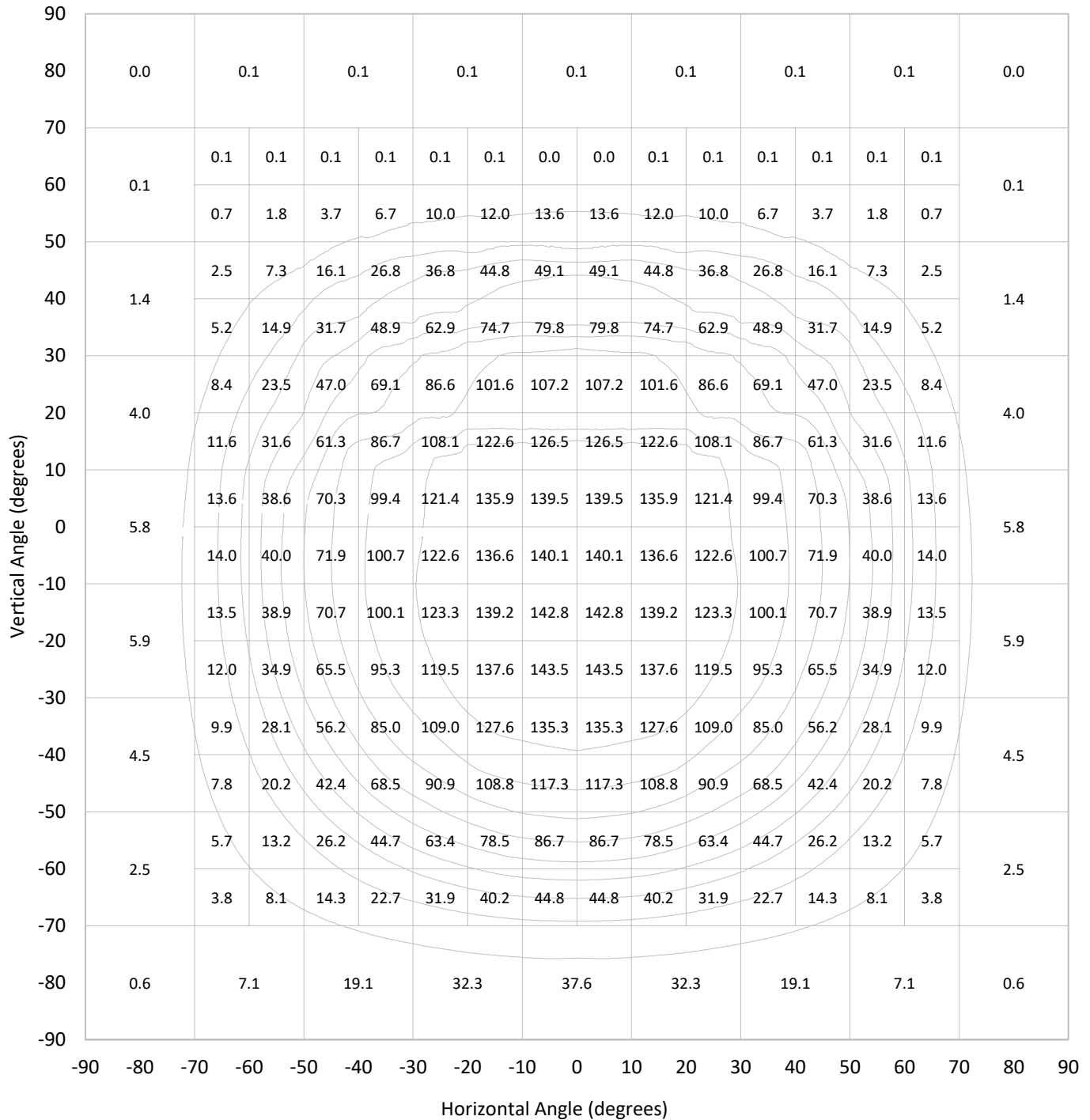
Iso-Candela Plot





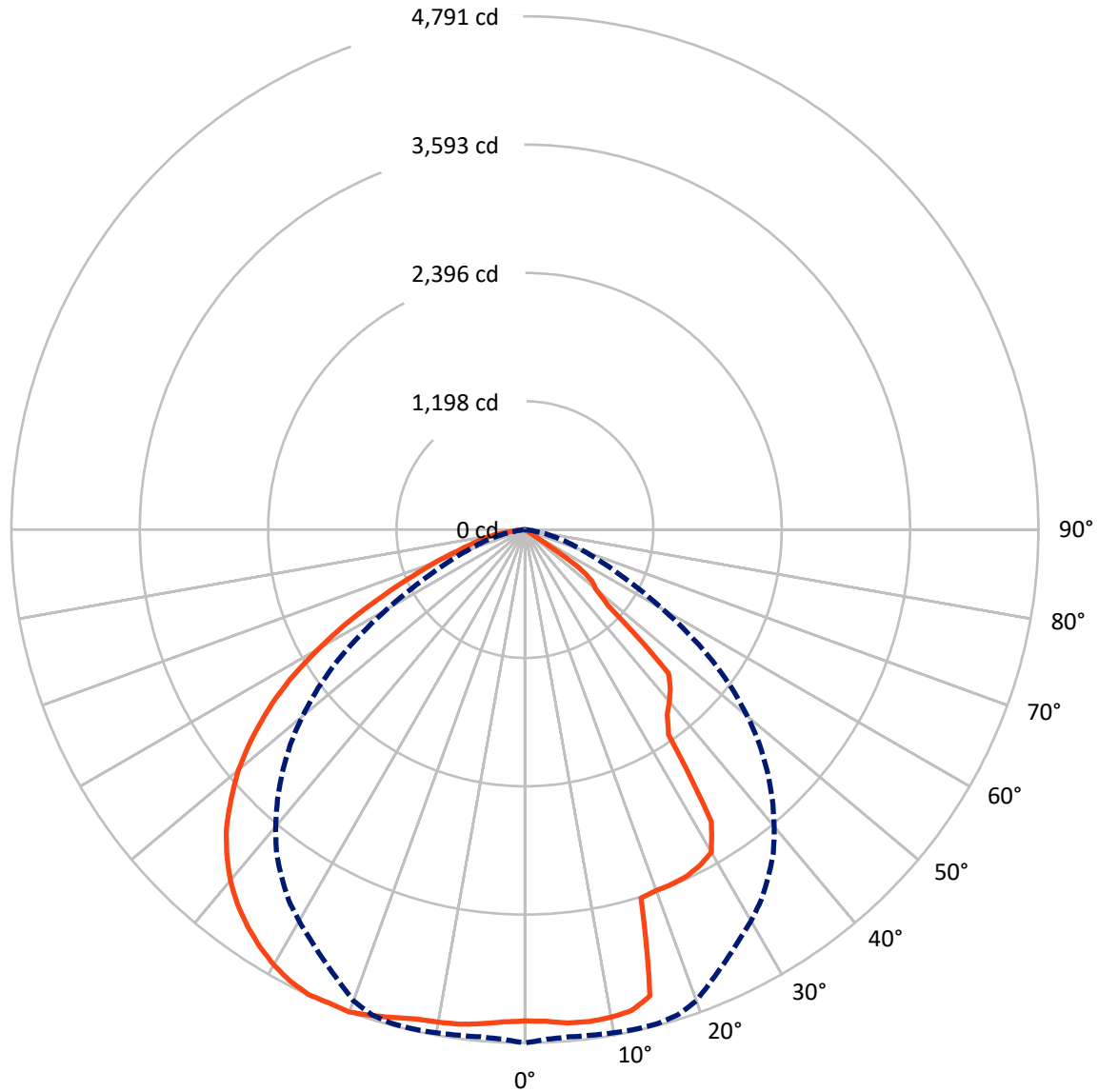
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Lumen Table



REPORT NUMBER: P645413 (CONVERTED FROM TYPE C PHOTOMETRY)
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Luminous Intensity Polar Plot

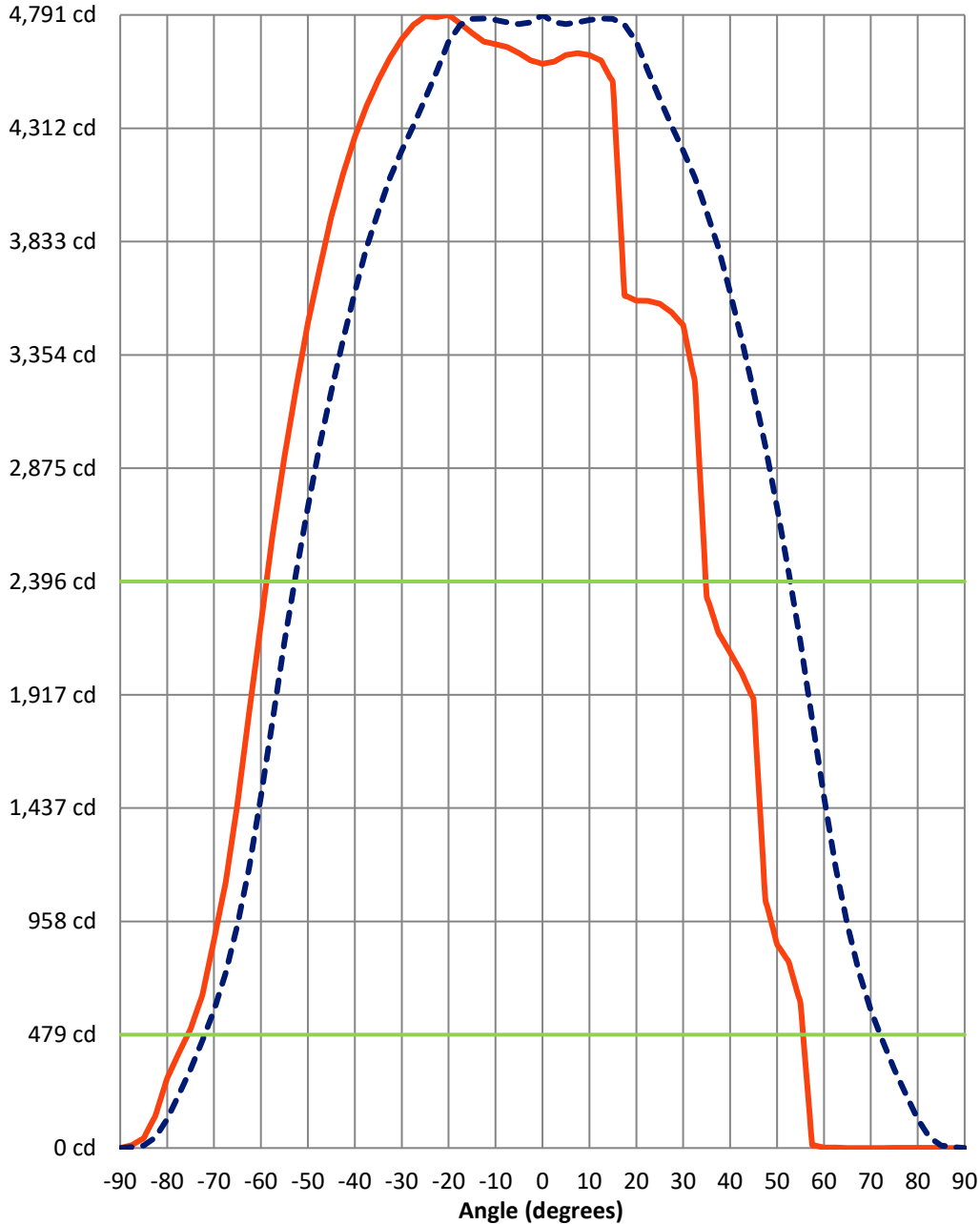


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through -20-Deg



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Luminous Intensity Plot



Beam:
 H Angle: 105.6°
 V Angle: 93.7°
 Lumens: 8782.6
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 11011.6
 Efficiency: 98.0%

Spill:
 Lumens: 223.1
 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	0.3	0.4	0.5	0.5	0.5	0.5	0.4
85°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.1	1.0	1.0	0.9
82.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.6	1.5	1.3	1.0
80°	0.0	0.4	0.7	1.0	1.4	1.7	2.0	1.8	1.5	1.3	1.0
77.5°	0.0	0.6	0.9	1.3	1.7	2.0	2.0	1.8	1.5	1.3	1.1
75°	0.0	0.7	1.1	1.5	2.0	2.1	2.0	1.8	1.6	1.3	1.1
72.5°	0.0	0.8	1.2	1.8	2.1	2.2	2.1	1.8	1.6	1.3	1.1
70°	0.0	0.9	1.4	2.0	2.2	2.2	2.1	1.8	1.6	1.4	1.6
67.5°	0.0	1.0	1.6	2.1	2.3	2.3	2.4	1.9	1.7	2.2	2.3
65°	0.0	1.1	1.8	2.2	2.4	2.7	2.7	1.9	2.7	3.2	4.0
62.5°	0.0	1.2	2.0	2.4	2.6	3.4	3.2	2.7	3.7	5.6	8.9
60°	0.0	1.3	2.1	2.5	2.7	4.1	3.8	3.8	4.9	14.2	15.4
57.5°	0.0	1.4	2.3	2.6	3.5	4.9	7.0	5.4	13.9	24.1	28.0
55°	0.0	1.5	2.4	2.7	4.3	5.8	11.1	8.8	25.8	37.2	45.4
52.5°	0.0	1.6	2.5	2.8	5.2	7.4	16.0	22.4	38.7	58.5	65.8
50°	0.0	1.7	2.6	2.9	6.2	12.7	21.6	37.9	55.4	82.0	102.8
47.5°	0.0	1.8	2.8	3.2	7.2	18.4	29.0	54.1	79.8	108.0	140.7
45°	0.0	1.9	2.9	4.0	8.2	24.4	43.8	71.0	107.1	140.8	177.4
42.5°	0.0	2.0	3.0	4.8	9.2	30.9	58.9	92.5	135.0	172.7	219.7
40°	0.0	2.1	3.1	5.8	12.4	37.7	74.4	117.0	163.6	204.0	265.0
37.5°	0.0	2.2	3.3	7.0	17.8	44.8	90.1	141.5	193.6	241.6	312.3
35°	0.0	2.3	3.4	8.4	23.2	55.7	106.1	166.0	224.2	287.8	368.2
32.5°	0.0	2.4	3.5	9.9	28.7	68.3	123.5	190.4	255.0	334.2	436.3
30°	0.0	2.4	3.7	11.5	34.2	80.9	143.3	215.0	286.2	380.8	501.5
27.5°	0.0	2.5	3.8	13.2	41.0	93.2	162.7	240.7	320.5	427.3	563.9
25°	0.0	2.6	3.9	15.1	48.0	105.4	181.7	266.1	359.1	478.1	623.3
22.5°	0.0	2.7	4.1	16.9	55.0	117.8	200.1	291.0	397.0	528.8	683.5
20°	0.0	2.7	4.2	18.9	61.9	131.1	217.9	315.5	433.9	576.7	742.2
17.5°	0.0	2.8	4.3	20.9	68.7	144.0	235.5	339.2	469.6	621.7	799.1
15°	0.0	2.9	4.5	22.9	75.3	156.4	252.5	361.3	503.9	663.6	853.7
12.5°	0.0	2.9	4.6	24.9	81.7	168.2	268.3	381.0	531.3	702.4	905.7
10°	0.0	3.0	4.7	26.8	87.9	179.3	282.9	399.1	551.7	725.7	948.1
7.5°	0.0	3.0	4.8	28.7	93.7	189.7	296.4	415.6	569.1	743.7	972.8
5°	0.0	3.0	4.9	30.5	99.0	199.3	308.7	430.5	583.5	758.3	992.9
2.5°	0.0	3.1	5.0	32.2	104.0	208.0	319.7	443.7	595.3	769.5	1008.2
0°	0.0	3.1	5.1	33.8	108.4	215.8	329.4	455.2	604.5	777.4	1018.8
-2.5°	0.0	3.3	5.9	36.0	112.5	220.7	334.2	461.9	607.8	787.4	1025.7
-5°	0.0	3.4	6.7	38.0	116.1	224.6	337.7	466.8	609.0	794.0	1027.9
-7.5°	0.0	3.6	7.5	39.8	118.9	227.4	340.0	469.9	608.1	796.6	1025.6
-10°	0.0	3.8	8.2	41.4	121.1	229.2	341.0	471.1	605.5	795.1	1019.1
-12.5°	0.0	3.9	8.9	42.7	122.6	229.9	340.8	470.3	601.4	788.7	1007.9
-15°	0.0	4.0	9.6	43.7	123.3	229.6	339.5	467.5	596.6	776.2	991.7
-17.5°	0.0	4.1	10.2	44.5	123.2	228.2	337.0	461.9	590.8	760.5	970.6
-20°	0.0	4.2	10.7	44.9	122.3	225.8	333.1	453.8	582.6	741.9	944.5

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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	4.3	11.3	45.1	120.6	222.4	327.6	444.2	571.8	720.4	913.6
-25°	0.0	4.4	11.7	44.9	118.0	217.0	320.7	432.9	558.5	696.2	877.8
-27.5°	0.0	4.4	12.1	44.3	114.6	210.4	312.5	420.2	542.7	672.8	846.1
-30°	0.0	4.5	12.4	43.4	110.2	202.8	303.1	406.0	525.4	653.0	812.2
-32.5°	0.0	4.5	12.7	42.1	105.2	194.3	292.4	392.8	507.0	630.2	775.9
-35°	0.0	4.5	12.8	40.5	99.6	185.0	280.9	379.0	487.1	604.2	737.5
-37.5°	0.0	4.4	12.9	38.4	93.5	175.6	268.4	363.6	465.8	575.3	699.5
-40°	0.0	4.4	12.9	36.0	86.8	167.0	255.1	346.9	443.2	547.9	662.1
-42.5°	0.0	4.3	12.9	33.4	81.7	157.9	240.7	328.8	421.3	519.0	621.7
-45°	0.0	4.2	12.7	30.8	78.3	148.2	225.5	310.0	398.9	488.1	579.9
-47.5°	0.0	4.1	12.5	27.8	74.2	137.9	209.5	291.2	375.0	455.8	543.7
-50°	0.0	4.0	12.2	26.8	69.5	127.1	196.0	271.5	348.5	426.1	505.8
-52.5°	0.0	3.9	11.8	26.3	64.2	115.7	182.6	251.0	323.1	395.5	466.9
-55°	0.0	3.7	11.3	25.5	58.3	107.2	168.6	230.1	297.7	364.1	432.4
-57.5°	0.0	3.5	10.8	24.4	51.9	98.4	154.1	213.6	271.4	334.1	397.1
-60°	0.0	3.3	10.2	23.0	45.2	88.9	139.4	195.3	245.1	303.7	361.9
-62.5°	0.0	3.1	9.6	21.4	42.0	78.7	125.9	175.4	220.7	272.4	327.4
-65°	0.0	2.9	8.9	19.5	38.3	67.7	111.5	154.8	194.9	241.1	292.1
-67.5°	0.0	2.6	8.2	17.4	34.2	58.5	96.2	134.3	167.8	208.4	254.0
-70°	0.0	2.4	7.4	15.1	29.8	51.2	80.0	113.3	143.4	174.1	213.4
-72.5°	0.0	2.1	6.6	13.3	25.0	43.4	67.7	91.9	118.6	145.8	173.3
-75°	0.0	1.8	5.7	11.6	19.9	35.0	55.3	74.0	93.4	117.1	141.1
-77.5°	0.0	1.5	4.8	9.8	16.4	26.3	42.4	57.2	72.6	89.3	108.3
-80°	0.0	1.2	3.9	7.9	13.3	20.0	28.9	40.1	52.0	64.9	78.8
-82.5°	0.0	0.9	2.9	6.0	10.0	15.1	21.2	25.7	31.0	40.2	50.0
-85°	0.0	0.6	2.0	4.0	6.7	10.1	14.2	17.2	20.2	23.4	26.7
-87.5°	0.0	0.3	1.0	2.0	3.4	5.1	7.1	8.6	10.1	11.7	13.4
-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-SA3B-750-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	0.5	0.6	0.6	0.6	0.7	0.7	0.7	0.8	0.8
85°	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
82.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
80°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
77.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
75°	1.0	1.0	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
72.5°	1.2	1.3	1.3	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0
70°	1.6	1.6	1.4	1.2	1.0	1.1	1.1	1.1	1.0	1.0	1.0
67.5°	1.9	1.7	1.5	1.4	1.4	1.5	1.5	1.2	1.0	1.0	1.0
65°	2.0	1.7	2.5	2.9	2.1	1.8	1.5	1.3	1.4	1.4	1.4
62.5°	3.0	3.8	4.9	8.6	6.4	1.8	3.3	3.9	2.9	2.4	2.6
60°	10.0	6.8	20.1	28.9	18.0	6.6	8.0	26.7	23.2	4.3	14.5
57.5°	21.0	28.8	53.1	54.0	37.4	25.8	75.0	86.7	65.6	38.3	58.6
55°	46.3	71.1	88.0	81.5	89.0	134.8	160.2	143.9	121.1	186.3	238.0
52.5°	90.4	115.7	121.4	139.4	199.6	229.3	219.7	235.0	304.7	378.4	394.4
50°	133.4	154.1	170.2	246.2	293.2	296.2	318.1	387.1	480.1	525.2	514.3
47.5°	175.0	196.4	271.6	344.6	365.7	394.7	449.3	582.6	681.1	683.1	671.9
45°	219.0	276.3	372.3	419.8	454.1	510.1	642.0	826.0	835.6	862.3	1026.7
42.5°	266.0	366.4	450.2	499.6	555.0	659.5	835.6	956.3	997.8	1114.8	1247.0
40°	342.2	453.5	526.6	589.9	661.1	813.6	1006.5	1119.6	1153.3	1254.6	1354.0
37.5°	419.5	526.2	608.2	684.5	783.2	989.1	1212.2	1305.4	1322.5	1341.1	1561.3
35°	494.0	600.8	698.9	798.8	919.9	1216.2	1411.2	1498.9	1496.2	1621.2	1851.8
32.5°	563.6	677.0	792.9	926.4	1126.2	1429.8	1624.9	1677.4	1757.0	1938.9	2253.7
30°	633.0	762.1	895.1	1054.2	1307.3	1570.4	1793.1	1877.6	2014.0	2221.7	2450.7
27.5°	704.6	849.3	1010.1	1196.5	1450.1	1692.0	1882.3	2084.1	2216.7	2402.7	2565.6
25°	775.9	941.6	1123.7	1320.9	1552.3	1777.7	1974.5	2207.6	2349.9	2499.9	2651.9
22.5°	850.7	1035.1	1240.8	1419.5	1638.4	1850.6	2084.9	2337.6	2522.7	2618.0	2720.1
20°	928.8	1136.4	1355.8	1553.8	1723.4	1918.3	2195.6	2502.8	2741.7	2848.9	2862.9
17.5°	1005.9	1234.5	1470.3	1684.7	1867.7	2041.2	2311.9	2700.6	2997.7	3097.4	3141.7
15°	1081.0	1328.9	1584.3	1812.2	2013.0	2225.1	2514.3	2909.5	3249.2	3359.5	3429.3
12.5°	1153.5	1418.8	1696.5	1935.4	2158.5	2396.4	2698.0	3059.8	3369.9	3583.3	3711.4
10°	1222.6	1503.8	1805.3	2053.7	2302.3	2555.2	2850.1	3171.8	3424.2	3630.1	3811.8
7.5°	1257.5	1559.3	1898.8	2166.3	2442.4	2702.0	2974.6	3250.7	3463.3	3665.3	3841.0
5°	1281.2	1582.1	1928.0	2205.5	2516.9	2800.0	3064.6	3302.6	3488.8	3689.0	3860.7
2.5°	1298.1	1596.9	1947.8	2227.0	2544.9	2830.0	3090.5	3319.9	3509.9	3706.0	3881.8
0°	1308.3	1603.9	1957.9	2240.2	2562.4	2849.8	3105.6	3326.5	3523.9	3714.2	3903.4
-2.5°	1314.1	1625.4	1964.6	2274.2	2579.3	2866.9	3126.6	3342.3	3548.6	3729.7	3919.4
-5°	1313.4	1638.2	1962.8	2297.0	2587.4	2873.6	3137.1	3349.4	3562.0	3741.3	3925.9
-7.5°	1306.2	1641.2	1954.0	2304.1	2587.8	2871.3	3132.5	3352.9	3561.8	3751.9	3926.5
-10°	1293.5	1629.6	1945.8	2285.6	2577.9	2859.7	3118.4	3345.4	3553.5	3749.8	3923.1
-12.5°	1278.5	1605.6	1928.7	2259.0	2557.7	2837.9	3096.9	3326.2	3537.9	3733.7	3915.3
-15°	1256.0	1573.8	1900.7	2225.2	2527.0	2806.3	3069.1	3294.9	3513.9	3705.6	3892.1
-17.5°	1225.8	1534.4	1861.3	2185.1	2485.6	2765.0	3033.4	3253.7	3471.6	3669.7	3849.6
-20°	1187.7	1487.7	1810.1	2139.4	2433.1	2709.6	2969.5	3200.3	3416.8	3618.2	3807.3

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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°	1141.6	1434.0	1748.4	2077.9	2367.6	2640.9	2897.8	3132.2	3356.6	3551.4	3752.9
-25°	1095.5	1377.3	1680.2	1992.7	2291.5	2563.7	2821.3	3049.7	3279.0	3481.7	3673.0
-27.5°	1051.3	1311.4	1601.1	1899.0	2205.2	2476.1	2731.4	2960.0	3182.6	3404.2	3588.4
-30°	1001.7	1235.3	1514.3	1798.9	2097.4	2373.2	2630.4	2867.6	3079.4	3298.3	3496.1
-32.5°	947.0	1154.5	1422.7	1696.4	1978.0	2259.8	2514.6	2750.2	2970.6	3177.6	3385.2
-35°	893.4	1089.2	1325.6	1586.4	1851.4	2127.9	2382.8	2616.2	2844.9	3049.9	3248.4
-37.5°	845.3	1018.5	1222.4	1471.5	1724.7	1986.3	2245.6	2471.5	2689.1	2914.6	3108.1
-40°	793.2	942.6	1133.0	1353.2	1591.8	1840.6	2088.9	2322.6	2527.2	2750.0	2962.8
-42.5°	738.7	880.9	1044.8	1228.0	1453.2	1687.8	1927.5	2156.0	2368.5	2578.7	2789.6
-45°	690.9	815.4	955.1	1122.5	1305.8	1526.4	1753.4	1981.2	2185.1	2385.4	2593.7
-47.5°	640.1	749.7	878.8	1012.5	1171.9	1356.3	1569.7	1779.9	1988.6	2179.2	2363.5
-50°	589.5	690.5	796.6	917.0	1048.5	1198.0	1375.3	1570.6	1761.3	1957.0	2139.5
-52.5°	545.9	628.3	724.1	824.6	937.2	1060.9	1202.9	1363.4	1536.8	1702.9	1885.0
-55°	500.6	574.9	652.3	740.7	834.4	938.8	1055.2	1190.1	1322.4	1476.0	1624.7
-57.5°	459.4	522.0	588.0	661.0	742.4	826.0	927.7	1032.6	1152.6	1272.0	1389.8
-60°	420.4	471.6	527.6	589.4	654.8	729.2	805.2	895.3	992.0	1087.2	1187.1
-62.5°	381.2	424.3	469.9	521.3	578.3	634.5	699.3	768.8	840.0	920.7	999.4
-65°	340.9	375.7	414.4	457.0	502.5	550.4	600.2	651.6	712.1	771.3	828.6
-67.5°	298.1	327.9	359.2	392.7	430.9	468.5	506.0	549.4	593.9	637.8	683.1
-70°	250.6	278.7	304.8	332.0	360.4	389.8	421.8	453.7	485.1	517.9	554.3
-72.5°	202.3	228.2	251.1	271.2	294.5	319.0	342.4	364.8	388.5	413.4	438.0
-75°	161.4	178.4	198.9	217.7	236.2	253.4	268.9	287.8	307.6	325.7	340.6
-77.5°	126.0	141.5	155.5	168.0	182.8	200.1	215.1	228.0	240.6	254.3	268.8
-80°	91.6	104.5	117.3	128.9	137.4	147.2	158.7	171.9	183.3	192.6	201.1
-82.5°	59.2	68.5	78.0	87.7	91.6	94.3	96.8	101.4	108.5	115.4	122.1
-85°	29.5	32.2	38.0	43.9	46.0	47.4	48.4	49.0	51.4	53.6	55.5
-87.5°	14.7	16.1	17.4	18.8	18.1	17.1	15.9	14.5	14.2	13.7	13.2
-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):

	-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°	0.8	0.8	0.9	0.9	0.9	0.7	0.5	0.2	0.0	0.0	0.0
85°	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.7	0.5
82.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
80°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
77.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
75°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
72.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
70°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
67.5°	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.6
65°	1.4	1.4	1.4	1.4	1.2	1.2	1.2	1.2	1.1	0.9	0.6
62.5°	2.5	2.9	2.3	2.2	2.2	2.1	2.0	1.9	1.8	1.7	1.8
60°	16.1	9.5	5.6	6.5	5.8	3.9	4.9	5.8	5.8	5.3	4.7
57.5°	88.9	66.4	49.1	117.4	117.7	56.2	67.7	106.4	87.7	28.8	26.7
55°	247.3	295.8	389.4	369.8	375.9	432.3	472.1	417.9	409.7	436.5	504.3
52.5°	444.4	490.6	522.1	551.5	587.3	625.8	665.5	690.7	714.3	739.4	754.4
50°	567.5	632.6	677.4	660.9	753.6	791.5	753.0	787.4	829.4	840.9	846.3
47.5°	837.9	933.4	952.4	1014.0	1069.3	1068.1	1021.1	1023.9	1148.8	1259.1	1313.2
45°	1204.2	1207.4	1267.5	1376.2	1453.8	1429.4	1495.0	1644.1	1693.7	1741.6	1781.0
42.5°	1346.9	1406.0	1501.9	1598.0	1655.9	1706.2	1754.7	1809.5	1873.9	1926.1	1967.9
40°	1485.0	1532.7	1630.9	1708.3	1756.3	1803.2	1859.7	1920.4	1979.3	2025.2	2056.6
37.5°	1697.7	1734.6	1758.6	1830.4	1921.1	1879.3	1986.6	2063.5	2098.7	2145.3	2149.5
35°	2019.5	1994.9	1963.1	2249.1	2266.2	2169.6	2269.9	2389.2	2326.4	2457.3	2527.7
32.5°	2304.7	2301.0	2550.6	2701.0	2614.4	2685.1	2916.4	2906.2	3060.4	3132.0	3111.6
30°	2573.4	2665.1	2809.5	2921.4	2936.4	3047.7	3150.5	3240.5	3333.6	3417.0	3422.8
27.5°	2709.8	2829.5	2927.5	2992.2	3064.5	3158.2	3251.5	3352.9	3432.0	3484.4	3497.2
25°	2792.3	2914.6	2988.7	3058.5	3138.4	3219.2	3323.6	3433.9	3497.5	3529.8	3540.1
22.5°	2865.1	2974.9	3054.7	3111.3	3197.2	3284.2	3381.5	3474.9	3544.0	3558.1	3563.3
20°	2935.1	3040.7	3173.9	3257.2	3253.0	3351.0	3444.8	3519.1	3576.7	3576.4	3577.8
17.5°	3137.7	3175.4	3417.2	3600.7	3509.8	3461.9	3719.8	3724.7	3740.0	3709.6	3643.6
15°	3437.7	3506.3	3803.3	4002.3	3939.6	3936.3	4308.9	4216.5	4296.0	4275.2	4364.7
12.5°	3755.4	3836.6	4058.5	4253.9	4347.1	4369.9	4494.4	4611.0	4634.9	4625.5	4607.9
10°	3971.9	4087.5	4176.7	4295.3	4389.2	4485.0	4557.1	4640.8	4668.2	4652.4	4630.0
7.5°	4000.0	4114.4	4219.0	4323.1	4412.6	4489.7	4564.5	4632.7	4660.6	4651.4	4636.0
5°	4017.9	4121.6	4223.0	4328.6	4414.1	4485.6	4560.1	4629.2	4645.7	4634.6	4619.6
2.5°	4029.0	4124.9	4222.7	4327.8	4405.5	4473.6	4549.0	4622.7	4622.5	4617.7	4608.9
0°	4034.4	4130.5	4244.1	4339.2	4426.1	4490.6	4565.3	4636.9	4631.7	4618.5	4603.1
-2.5°	4045.8	4143.3	4259.2	4338.0	4436.0	4495.1	4572.2	4634.3	4631.8	4625.3	4617.7
-5°	4056.1	4165.7	4274.1	4357.0	4455.2	4532.5	4609.1	4657.7	4660.2	4651.1	4638.3
-7.5°	4062.4	4183.8	4287.3	4370.5	4465.8	4555.6	4633.4	4684.3	4685.4	4673.3	4658.0
-10°	4060.3	4188.5	4295.0	4381.0	4478.6	4567.3	4648.6	4713.1	4711.0	4699.5	4686.4
-12.5°	4052.6	4180.7	4290.0	4376.4	4487.2	4578.4	4669.9	4734.1	4737.5	4728.8	4714.7
-15°	4035.8	4168.0	4274.3	4368.6	4477.2	4583.9	4677.9	4748.7	4761.4	4754.3	4743.1
-17.5°	4002.4	4142.0	4254.7	4356.3	4460.6	4574.2	4681.2	4758.6	4775.9	4773.1	4763.8
-20°	3958.7	4102.7	4217.2	4323.6	4437.0	4554.2	4678.6	4749.3	4774.4	4776.0	4769.7



REPORT NUMBER: P645413 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3909.5	4050.5	4172.0	4276.6	4399.6	4518.2	4630.9	4713.7	4755.9	4763.7	4764.2
-25°	3850.6	3995.5	4116.1	4227.6	4342.0	4464.4	4578.3	4670.8	4713.5	4733.9	4740.2
-27.5°	3767.4	3917.1	4035.9	4153.6	4270.0	4396.5	4516.2	4616.8	4651.5	4679.5	4690.7
-30°	3669.9	3817.9	3939.0	4046.7	4179.8	4308.8	4432.3	4520.0	4572.4	4604.5	4622.0
-32.5°	3557.8	3707.2	3834.3	3946.7	4073.3	4202.2	4318.5	4411.0	4483.1	4520.2	4538.9
-35°	3436.2	3588.8	3721.8	3840.2	3959.4	4082.3	4202.7	4299.5	4381.8	4413.5	4437.0
-37.5°	3289.5	3457.9	3594.3	3716.4	3829.6	3945.1	4070.5	4181.2	4261.1	4291.9	4316.7
-40°	3139.1	3301.8	3439.4	3569.7	3681.6	3807.8	3928.5	4044.6	4113.8	4149.8	4177.8
-42.5°	2980.4	3127.3	3258.2	3384.7	3509.4	3639.2	3759.9	3880.5	3940.4	3983.8	4018.2
-45°	2797.1	2933.9	3061.0	3179.5	3307.9	3435.6	3556.4	3662.9	3734.2	3790.7	3834.6
-47.5°	2552.8	2719.4	2847.0	2959.7	3087.1	3210.3	3327.3	3427.5	3505.7	3571.7	3622.6
-50°	2304.6	2464.5	2608.5	2735.0	2853.2	2967.1	3078.6	3176.6	3259.3	3330.8	3382.5
-52.5°	2060.3	2210.0	2352.9	2483.5	2597.2	2704.7	2806.6	2905.2	2992.5	3068.9	3118.9
-55°	1784.1	1939.3	2080.6	2202.4	2315.9	2422.2	2522.9	2616.4	2702.3	2780.2	2828.0
-57.5°	1525.1	1661.2	1792.7	1905.2	2012.3	2113.5	2208.9	2298.5	2381.1	2454.5	2500.6
-60°	1286.9	1386.2	1499.4	1603.2	1698.2	1784.4	1873.4	1956.8	2032.8	2097.2	2140.2
-62.5°	1076.5	1158.7	1240.4	1319.4	1396.4	1473.8	1548.4	1617.6	1681.1	1733.9	1771.6
-65°	889.0	955.1	1014.1	1070.1	1123.5	1184.6	1241.2	1294.5	1343.8	1384.3	1413.0
-67.5°	732.0	778.4	819.3	857.7	899.8	942.9	983.4	1018.6	1048.7	1072.7	1091.7
-70°	590.3	624.5	655.3	685.9	716.7	744.7	771.4	797.4	822.0	842.1	857.1
-72.5°	462.3	485.6	506.6	530.2	552.3	573.6	592.1	607.1	618.7	630.0	639.8
-75°	352.5	370.0	393.6	413.6	430.1	444.7	458.1	470.1	480.6	489.9	498.0
-77.5°	283.5	298.4	313.4	328.0	342.1	352.6	362.3	372.1	381.6	389.9	397.1
-80°	210.1	221.2	232.8	244.5	256.2	262.0	266.6	270.9	274.7	279.6	284.2
-82.5°	128.4	134.7	141.2	147.7	154.3	155.9	156.5	156.4	155.5	153.8	151.0
-85°	57.1	57.5	57.3	56.7	55.6	53.3	50.6	47.3	43.7	43.2	42.5
-87.5°	12.5	12.3	12.0	11.6	11.2	11.1	11.1	11.0	10.9	11.3	11.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645413 (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	0.2
85°	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.7	0.9	0.9
82.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
80°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
77.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
75°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
72.5°	1.0	1.0	0.5	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0
70°	1.0	1.0	0.5	0.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0
67.5°	0.4	0.1	0.0	0.0	0.0	0.1	0.4	0.6	0.9	1.0	1.0
65°	0.3	0.1	0.0	0.0	0.0	0.1	0.3	0.6	0.9	1.1	1.2
62.5°	1.8	1.9	2.0	2.0	2.0	1.9	1.8	1.8	1.7	1.8	1.9
60°	3.7	2.4	2.0	2.0	2.0	2.4	3.7	4.7	5.3	5.8	5.8
57.5°	22.6	16.8	14.3	13.3	14.3	16.8	22.6	26.7	28.8	87.7	106.4
55°	552.8	581.0	602.0	611.7	602.0	581.0	552.8	504.3	436.5	409.7	417.9
52.5°	767.6	779.8	786.8	786.6	786.8	779.8	767.6	754.4	739.4	714.3	690.7
50°	855.5	861.5	863.6	862.3	863.6	861.5	855.5	846.3	840.9	829.4	787.4
47.5°	1263.7	1154.3	1073.9	1054.6	1073.9	1154.3	1263.7	1313.2	1259.1	1148.8	1023.9
45°	1799.8	1841.3	1882.6	1895.5	1882.6	1841.3	1799.8	1781.0	1741.6	1693.7	1644.1
42.5°	1985.5	1999.0	2006.6	2007.0	2006.6	1999.0	1985.5	1967.9	1926.1	1873.9	1809.5
40°	2074.1	2086.9	2094.3	2094.9	2094.3	2086.9	2074.1	2056.6	2025.2	1979.3	1920.4
37.5°	2154.6	2165.4	2172.6	2179.8	2172.6	2165.4	2154.6	2149.5	2145.3	2098.7	2063.5
35°	2518.2	2435.9	2317.4	2335.3	2317.4	2435.9	2518.2	2527.7	2457.3	2326.4	2389.2
32.5°	3143.5	3178.1	3199.7	3236.5	3199.7	3178.1	3143.5	3111.6	3132.0	3060.4	2906.2
30°	3431.9	3443.4	3460.7	3478.9	3460.7	3443.4	3431.9	3422.8	3417.0	3333.6	3240.5
27.5°	3503.9	3515.7	3526.2	3534.2	3526.2	3515.7	3503.9	3497.2	3484.4	3432.0	3352.9
25°	3541.6	3548.9	3560.1	3570.0	3560.1	3548.9	3541.6	3540.1	3529.8	3497.5	3433.9
22.5°	3560.3	3561.1	3569.8	3582.2	3569.8	3561.1	3560.3	3563.3	3558.1	3544.0	3474.9
20°	3573.2	3566.2	3575.2	3583.3	3575.2	3566.2	3573.2	3577.8	3576.4	3576.7	3519.1
17.5°	3736.7	3643.4	3605.0	3605.8	3605.0	3643.4	3736.7	3643.6	3709.6	3740.0	3724.7
15°	4264.2	4299.3	4433.4	4505.9	4433.4	4299.3	4264.2	4364.7	4275.2	4296.0	4216.5
12.5°	4604.6	4592.2	4576.3	4598.0	4576.3	4592.2	4604.6	4607.9	4625.5	4634.9	4611.0
10°	4620.4	4619.0	4590.6	4621.5	4590.6	4619.0	4620.4	4630.0	4652.4	4668.2	4640.8
7.5°	4610.8	4611.7	4599.5	4629.7	4599.5	4611.7	4610.8	4636.0	4651.4	4660.6	4632.7
5°	4617.2	4596.4	4604.2	4621.5	4604.2	4596.4	4617.2	4619.6	4634.6	4645.7	4629.2
2.5°	4599.3	4597.1	4581.8	4593.9	4581.8	4597.1	4599.3	4608.9	4617.7	4622.5	4622.7
0°	4585.7	4574.5	4574.5	4584.7	4574.5	4574.5	4585.7	4603.1	4618.5	4631.7	4636.9
-2.5°	4609.9	4607.6	4606.1	4599.0	4606.1	4607.6	4609.9	4617.7	4625.3	4631.8	4634.3
-5°	4629.8	4623.7	4606.9	4629.7	4606.9	4623.7	4629.8	4638.3	4651.1	4660.2	4657.7
-7.5°	4651.2	4635.6	4619.8	4655.3	4619.8	4635.6	4651.2	4658.0	4673.3	4685.4	4684.3
-10°	4670.7	4648.3	4632.8	4667.5	4632.8	4648.3	4670.7	4686.4	4699.5	4711.0	4713.1
-12.5°	4696.5	4670.3	4659.9	4678.8	4659.9	4670.3	4696.5	4714.7	4728.8	4737.5	4734.1
-15°	4724.1	4705.9	4703.5	4714.6	4703.5	4705.9	4724.1	4743.1	4754.3	4761.4	4748.7
-17.5°	4748.3	4735.5	4741.8	4754.5	4741.8	4735.5	4748.3	4763.8	4773.1	4775.9	4758.6
-20°	4759.8	4752.7	4759.8	4791.3	4759.8	4752.7	4759.8	4769.7	4776.0	4774.4	4749.3



REPORT NUMBER: P645413 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-750-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°	4758.8	4759.3	4771.8	4782.1	4771.8	4759.3	4758.8	4764.2	4763.7	4755.9	4713.7
-25°	4740.7	4750.2	4764.6	4785.2	4764.6	4750.2	4740.7	4740.2	4733.9	4713.5	4670.8
-27.5°	4696.8	4712.8	4727.8	4749.4	4727.8	4712.8	4696.8	4690.7	4679.5	4651.5	4616.8
-30°	4633.6	4652.5	4665.9	4689.0	4665.9	4652.5	4633.6	4622.0	4604.5	4572.4	4520.0
-32.5°	4556.5	4577.9	4593.7	4610.3	4593.7	4577.9	4556.5	4538.9	4520.2	4483.1	4411.0
-35°	4460.2	4483.2	4500.0	4515.1	4500.0	4483.2	4460.2	4437.0	4413.5	4381.8	4299.5
-37.5°	4344.5	4369.3	4388.5	4405.7	4388.5	4369.3	4344.5	4316.7	4291.9	4261.1	4181.2
-40°	4209.6	4235.1	4255.6	4274.8	4255.6	4235.1	4209.6	4177.8	4149.8	4113.8	4044.6
-42.5°	4052.0	4077.7	4098.8	4118.2	4098.8	4077.7	4052.0	4018.2	3983.8	3940.4	3880.5
-45°	3869.9	3896.4	3918.7	3939.2	3918.7	3896.4	3869.9	3834.6	3790.7	3734.2	3662.9
-47.5°	3660.2	3688.6	3707.7	3717.3	3707.7	3688.6	3660.2	3622.6	3571.7	3505.7	3427.5
-50°	3419.9	3448.2	3471.2	3488.1	3471.2	3448.2	3419.9	3382.5	3330.8	3259.3	3176.6
-52.5°	3155.4	3182.3	3202.0	3214.0	3202.0	3182.3	3155.4	3118.9	3068.9	2992.5	2905.2
-55°	2865.7	2893.9	2912.7	2921.4	2912.7	2893.9	2865.7	2828.0	2780.2	2702.3	2616.4
-57.5°	2537.2	2564.0	2583.9	2595.1	2583.9	2564.0	2537.2	2500.6	2454.5	2381.1	2298.5
-60°	2173.8	2197.8	2212.8	2218.7	2212.8	2197.8	2173.8	2140.2	2097.2	2032.8	1956.8
-62.5°	1802.0	1824.7	1838.8	1844.3	1838.8	1824.7	1802.0	1771.6	1733.9	1681.1	1617.6
-65°	1434.4	1448.6	1456.5	1457.7	1456.5	1448.6	1434.4	1413.0	1384.3	1343.8	1294.5
-67.5°	1106.6	1117.4	1124.0	1126.2	1124.0	1117.4	1106.6	1091.7	1072.7	1048.7	1018.6
-70°	868.3	875.8	880.0	880.7	880.0	875.8	868.3	857.1	842.1	822.0	797.4
-72.5°	647.4	652.7	650.9	646.5	650.9	652.7	647.4	639.8	630.0	618.7	607.1
-75°	505.0	510.9	508.5	504.3	508.5	510.9	505.0	498.0	489.9	480.6	470.1
-77.5°	403.5	408.8	406.2	402.0	406.2	408.8	403.5	397.1	389.9	381.6	372.1
-80°	288.1	291.3	293.5	294.6	293.5	291.3	288.1	284.2	279.6	274.7	270.9
-82.5°	147.5	143.1	140.4	137.1	140.4	143.1	147.5	151.0	153.8	155.5	156.4
-85°	41.7	40.7	41.3	41.9	41.3	40.7	41.7	42.5	43.2	43.7	47.3
-87.5°	11.9	12.3	12.3	12.3	12.3	12.3	11.9	11.6	11.3	10.9	11.0
-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: P645413 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-750-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.5	0.7	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7
85°	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
82.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
80°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
77.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
75°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
72.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
70°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1
67.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.2
65°	1.2	1.2	1.2	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3
62.5°	2.0	2.1	2.2	2.2	2.3	2.9	2.5	2.6	2.4	2.9	3.9
60°	4.9	3.9	5.8	6.5	5.6	9.5	16.1	14.5	4.3	23.2	26.7
57.5°	67.7	56.2	117.7	117.4	49.1	66.4	88.9	58.6	38.3	65.6	86.7
55°	472.1	432.3	375.9	369.8	389.4	295.8	247.3	238.0	186.3	121.1	143.9
52.5°	665.5	625.8	587.3	551.5	522.1	490.6	444.4	394.4	378.4	304.7	235.0
50°	753.0	791.5	753.6	660.9	677.4	632.6	567.5	514.3	525.2	480.1	387.1
47.5°	1021.1	1068.1	1069.3	1014.0	952.4	933.4	837.9	671.9	683.1	681.1	582.6
45°	1495.0	1429.4	1453.8	1376.2	1267.5	1207.4	1204.2	1026.7	862.3	835.6	826.0
42.5°	1754.7	1706.2	1655.9	1598.0	1501.9	1406.0	1346.9	1247.0	1114.8	997.8	956.3
40°	1859.7	1803.2	1756.3	1708.3	1630.9	1532.7	1485.0	1354.0	1254.6	1153.3	1119.6
37.5°	1986.6	1879.3	1921.1	1830.4	1758.6	1734.6	1697.7	1561.3	1341.1	1322.5	1305.4
35°	2269.9	2169.6	2266.2	2249.1	1963.1	1994.9	2019.5	1851.8	1621.2	1496.2	1498.9
32.5°	2916.4	2685.1	2614.4	2701.0	2550.6	2301.0	2304.7	2253.7	1938.9	1757.0	1677.4
30°	3150.5	3047.7	2936.4	2921.4	2809.5	2665.1	2573.4	2450.7	2221.7	2014.0	1877.6
27.5°	3251.5	3158.2	3064.5	2992.2	2927.5	2829.5	2709.8	2565.6	2402.7	2216.7	2084.1
25°	3323.6	3219.2	3138.4	3058.5	2988.7	2914.6	2792.3	2651.9	2499.9	2349.9	2207.6
22.5°	3381.5	3284.2	3197.2	3111.3	3054.7	2974.9	2865.1	2720.1	2618.0	2522.7	2337.6
20°	3444.8	3351.0	3253.0	3257.2	3173.9	3040.7	2935.1	2862.9	2848.9	2741.7	2502.8
17.5°	3719.8	3461.9	3509.8	3600.7	3417.2	3175.4	3137.7	3141.7	3097.4	2997.7	2700.6
15°	4308.9	3936.3	3939.6	4002.3	3803.3	3506.3	3437.7	3429.3	3359.5	3249.2	2909.5
12.5°	4494.4	4369.9	4347.1	4253.9	4058.5	3836.6	3755.4	3711.4	3583.3	3369.9	3059.8
10°	4557.1	4485.0	4389.2	4295.3	4176.7	4087.5	3971.9	3811.8	3630.1	3424.2	3171.8
7.5°	4564.5	4489.7	4412.6	4323.1	4219.0	4114.4	4000.0	3841.0	3665.3	3463.3	3250.7
5°	4560.1	4485.6	4414.1	4328.6	4223.0	4121.6	4017.9	3860.7	3689.0	3488.8	3302.6
2.5°	4549.0	4473.6	4405.5	4327.8	4222.7	4124.9	4029.0	3881.8	3706.0	3509.9	3319.9
0°	4565.3	4490.6	4426.1	4339.2	4244.1	4130.5	4034.4	3903.4	3714.2	3523.9	3326.5
-2.5°	4572.2	4495.1	4436.0	4338.0	4259.2	4143.3	4045.8	3919.4	3729.7	3548.6	3342.3
-5°	4609.1	4532.5	4455.2	4357.0	4274.1	4165.7	4056.1	3925.9	3741.3	3562.0	3349.4
-7.5°	4633.4	4555.6	4465.8	4370.5	4287.3	4183.8	4062.4	3926.5	3751.9	3561.8	3352.9
-10°	4648.6	4567.3	4478.6	4381.0	4295.0	4188.5	4060.3	3923.1	3749.8	3553.5	3345.4
-12.5°	4669.9	4578.4	4487.2	4376.4	4290.0	4180.7	4052.6	3915.3	3733.7	3537.9	3326.2
-15°	4677.9	4583.9	4477.2	4368.6	4274.3	4168.0	4035.8	3892.1	3705.6	3513.9	3294.9
-17.5°	4681.2	4574.2	4460.6	4356.3	4254.7	4142.0	4002.4	3849.6	3669.7	3471.6	3253.7
-20°	4678.6	4554.2	4437.0	4323.6	4217.2	4102.7	3958.7	3807.3	3618.2	3416.8	3200.3



REPORT NUMBER: P645413 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-750-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°	4630.9	4518.2	4399.6	4276.6	4172.0	4050.5	3909.5	3752.9	3551.4	3356.6	3132.2
-25°	4578.3	4464.4	4342.0	4227.6	4116.1	3995.5	3850.6	3673.0	3481.7	3279.0	3049.7
-27.5°	4516.2	4396.5	4270.0	4153.6	4035.9	3917.1	3767.4	3588.4	3404.2	3182.6	2960.0
-30°	4432.3	4308.8	4179.8	4046.7	3939.0	3817.9	3669.9	3496.1	3298.3	3079.4	2867.6
-32.5°	4318.5	4202.2	4073.3	3946.7	3834.3	3707.2	3557.8	3385.2	3177.6	2970.6	2750.2
-35°	4202.7	4082.3	3959.4	3840.2	3721.8	3588.8	3436.2	3248.4	3049.9	2844.9	2616.2
-37.5°	4070.5	3945.1	3829.6	3716.4	3594.3	3457.9	3289.5	3108.1	2914.6	2689.1	2471.5
-40°	3928.5	3807.8	3681.6	3569.7	3439.4	3301.8	3139.1	2962.8	2750.0	2527.2	2322.6
-42.5°	3759.9	3639.2	3509.4	3384.7	3258.2	3127.3	2980.4	2789.6	2578.7	2368.5	2156.0
-45°	3556.4	3435.6	3307.9	3179.5	3061.0	2933.9	2797.1	2593.7	2385.4	2185.1	1981.2
-47.5°	3327.3	3210.3	3087.1	2959.7	2847.0	2719.4	2552.8	2363.5	2179.2	1988.6	1779.9
-50°	3078.6	2967.1	2853.2	2735.0	2608.5	2464.5	2304.6	2139.5	1957.0	1761.3	1570.6
-52.5°	2806.6	2704.7	2597.2	2483.5	2352.9	2210.0	2060.3	1885.0	1702.9	1536.8	1363.4
-55°	2522.9	2422.2	2315.9	2202.4	2080.6	1939.3	1784.1	1624.7	1476.0	1322.4	1190.1
-57.5°	2208.9	2113.5	2012.3	1905.2	1792.7	1661.2	1525.1	1389.8	1272.0	1152.6	1032.6
-60°	1873.4	1784.4	1698.2	1603.2	1499.4	1386.2	1286.9	1187.1	1087.2	992.0	895.3
-62.5°	1548.4	1473.8	1396.4	1319.4	1240.4	1158.7	1076.5	999.4	920.7	840.0	768.8
-65°	1241.2	1184.6	1123.5	1070.1	1014.1	955.1	889.0	828.6	771.3	712.1	651.6
-67.5°	983.4	942.9	899.8	857.7	819.3	778.4	732.0	683.1	637.8	593.9	549.4
-70°	771.4	744.7	716.7	685.9	655.3	624.5	590.3	554.3	517.9	485.1	453.7
-72.5°	592.1	573.6	552.3	530.2	506.6	485.6	462.3	438.0	413.4	388.5	364.8
-75°	458.1	444.7	430.1	413.6	393.6	370.0	352.5	340.6	325.7	307.6	287.8
-77.5°	362.3	352.6	342.1	328.0	313.4	298.4	283.5	268.8	254.3	240.6	228.0
-80°	266.6	262.0	256.2	244.5	232.8	221.2	210.1	201.1	192.6	183.3	171.9
-82.5°	156.5	155.9	154.3	147.7	141.2	134.7	128.4	122.1	115.4	108.5	101.4
-85°	50.6	53.3	55.6	56.7	57.3	57.5	57.1	55.5	53.6	51.4	49.0
-87.5°	11.1	11.1	11.2	11.6	12.0	12.3	12.5	13.2	13.7	14.2	14.5
-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: P645413 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-750-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	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.5	0.5	0.5
85°	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	1.0	1.0	1.1
82.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3	1.5	1.6
80°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3	1.5	1.8
77.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.3	1.5	1.8
75°	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.1	1.3	1.6	1.8
72.5°	1.0	1.0	1.0	1.1	1.3	1.3	1.2	1.1	1.3	1.6	1.8
70°	1.1	1.1	1.0	1.2	1.4	1.6	1.6	1.6	1.4	1.6	1.8
67.5°	1.5	1.5	1.4	1.4	1.5	1.7	1.9	2.3	2.2	1.7	1.9
65°	1.5	1.8	2.1	2.9	2.5	1.7	2.0	4.0	3.2	2.7	1.9
62.5°	3.3	1.8	6.4	8.6	4.9	3.8	3.0	8.9	5.6	3.7	2.7
60°	8.0	6.6	18.0	28.9	20.1	6.8	10.0	15.4	14.2	4.9	3.8
57.5°	75.0	25.8	37.4	54.0	53.1	28.8	21.0	28.0	24.1	13.9	5.4
55°	160.2	134.8	89.0	81.5	88.0	71.1	46.3	45.4	37.2	25.8	8.8
52.5°	219.7	229.3	199.6	139.4	121.4	115.7	90.4	65.8	58.5	38.7	22.4
50°	318.1	296.2	293.2	246.2	170.2	154.1	133.4	102.8	82.0	55.4	37.9
47.5°	449.3	394.7	365.7	344.6	271.6	196.4	175.0	140.7	108.0	79.8	54.1
45°	642.0	510.1	454.1	419.8	372.3	276.3	219.0	177.4	140.8	107.1	71.0
42.5°	835.6	659.5	555.0	499.6	450.2	366.4	266.0	219.7	172.7	135.0	92.5
40°	1006.5	813.6	661.1	589.9	526.6	453.5	342.2	265.0	204.0	163.6	117.0
37.5°	1212.2	989.1	783.2	684.5	608.2	526.2	419.5	312.3	241.6	193.6	141.5
35°	1411.2	1216.2	919.9	798.8	698.9	600.8	494.0	368.2	287.8	224.2	166.0
32.5°	1624.9	1429.8	1126.2	926.4	792.9	677.0	563.6	436.3	334.2	255.0	190.4
30°	1793.1	1570.4	1307.3	1054.2	895.1	762.1	633.0	501.5	380.8	286.2	215.0
27.5°	1882.3	1692.0	1450.1	1196.5	1010.1	849.3	704.6	563.9	427.3	320.5	240.7
25°	1974.5	1777.7	1552.3	1320.9	1123.7	941.6	775.9	623.3	478.1	359.1	266.1
22.5°	2084.9	1850.6	1638.4	1419.5	1240.8	1035.1	850.7	683.5	528.8	397.0	291.0
20°	2195.6	1918.3	1723.4	1553.8	1355.8	1136.4	928.8	742.2	576.7	433.9	315.5
17.5°	2311.9	2041.2	1867.7	1684.7	1470.3	1234.5	1005.9	799.1	621.7	469.6	339.2
15°	2514.3	2225.1	2013.0	1812.2	1584.3	1328.9	1081.0	853.7	663.6	503.9	361.3
12.5°	2698.0	2396.4	2158.5	1935.4	1696.5	1418.8	1153.5	905.7	702.4	531.3	381.0
10°	2850.1	2555.2	2302.3	2053.7	1805.3	1503.8	1222.6	948.1	725.7	551.7	399.1
7.5°	2974.6	2702.0	2442.4	2166.3	1898.8	1559.3	1257.5	972.8	743.7	569.1	415.6
5°	3064.6	2800.0	2516.9	2205.5	1928.0	1582.1	1281.2	992.9	758.3	583.5	430.5
2.5°	3090.5	2830.0	2544.9	2227.0	1947.8	1596.9	1298.1	1008.2	769.5	595.3	443.7
0°	3105.6	2849.8	2562.4	2240.2	1957.9	1603.9	1308.3	1018.8	777.4	604.5	455.2
-2.5°	3126.6	2866.9	2579.3	2274.2	1964.6	1625.4	1314.1	1025.7	787.4	607.8	461.9
-5°	3137.1	2873.6	2587.4	2297.0	1962.8	1638.2	1313.4	1027.9	794.0	609.0	466.8
-7.5°	3132.5	2871.3	2587.8	2304.1	1954.0	1641.2	1306.2	1025.6	796.6	608.1	469.9
-10°	3118.4	2859.7	2577.9	2285.6	1945.8	1629.6	1293.5	1019.1	795.1	605.5	471.1
-12.5°	3096.9	2837.9	2557.7	2259.0	1928.7	1605.6	1278.5	1007.9	788.7	601.4	470.3
-15°	3069.1	2806.3	2527.0	2225.2	1900.7	1573.8	1256.0	991.7	776.2	596.6	467.5
-17.5°	3033.4	2765.0	2485.6	2185.1	1861.3	1534.4	1225.8	970.6	760.5	590.8	461.9
-20°	2969.5	2709.6	2433.1	2139.4	1810.1	1487.7	1187.7	944.5	741.9	582.6	453.8

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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°	2897.8	2640.9	2367.6	2077.9	1748.4	1434.0	1141.6	913.6	720.4	571.8	444.2
-25°	2821.3	2563.7	2291.5	1992.7	1680.2	1377.3	1095.5	877.8	696.2	558.5	432.9
-27.5°	2731.4	2476.1	2205.2	1899.0	1601.1	1311.4	1051.3	846.1	672.8	542.7	420.2
-30°	2630.4	2373.2	2097.4	1798.9	1514.3	1235.3	1001.7	812.2	653.0	525.4	406.0
-32.5°	2514.6	2259.8	1978.0	1696.4	1422.7	1154.5	947.0	775.9	630.2	507.0	392.8
-35°	2382.8	2127.9	1851.4	1586.4	1325.6	1089.2	893.4	737.5	604.2	487.1	379.0
-37.5°	2245.6	1986.3	1724.7	1471.5	1222.4	1018.5	845.3	699.5	575.3	465.8	363.6
-40°	2088.9	1840.6	1591.8	1353.2	1133.0	942.6	793.2	662.1	547.9	443.2	346.9
-42.5°	1927.5	1687.8	1453.2	1228.0	1044.8	880.9	738.7	621.7	519.0	421.3	328.8
-45°	1753.4	1526.4	1305.8	1122.5	955.1	815.4	690.9	579.9	488.1	398.9	310.0
-47.5°	1569.7	1356.3	1171.9	1012.5	878.8	749.7	640.1	543.7	455.8	375.0	291.2
-50°	1375.3	1198.0	1048.5	917.0	796.6	690.5	589.5	505.8	426.1	348.5	271.5
-52.5°	1202.9	1060.9	937.2	824.6	724.1	628.3	545.9	466.9	395.5	323.1	251.0
-55°	1055.2	938.8	834.4	740.7	652.3	574.9	500.6	432.4	364.1	297.7	230.1
-57.5°	927.7	826.0	742.4	661.0	588.0	522.0	459.4	397.1	334.1	271.4	213.6
-60°	805.2	729.2	654.8	589.4	527.6	471.6	420.4	361.9	303.7	245.1	195.3
-62.5°	699.3	634.5	578.3	521.3	469.9	424.3	381.2	327.4	272.4	220.7	175.4
-65°	600.2	550.4	502.5	457.0	414.4	375.7	340.9	292.1	241.1	194.9	154.8
-67.5°	506.0	468.5	430.9	392.7	359.2	327.9	298.1	254.0	208.4	167.8	134.3
-70°	421.8	389.8	360.4	332.0	304.8	278.7	250.6	213.4	174.1	143.4	113.3
-72.5°	342.4	319.0	294.5	271.2	251.1	228.2	202.3	173.3	145.8	118.6	91.9
-75°	268.9	253.4	236.2	217.7	198.9	178.4	161.4	141.1	117.1	93.4	74.0
-77.5°	215.1	200.1	182.8	168.0	155.5	141.5	126.0	108.3	89.3	72.6	57.2
-80°	158.7	147.2	137.4	128.9	117.3	104.5	91.6	78.8	64.9	52.0	40.1
-82.5°	96.8	94.3	91.6	87.7	78.0	68.5	59.2	50.0	40.2	31.0	25.7
-85°	48.4	47.4	46.0	43.9	38.0	32.2	29.5	26.7	23.4	20.2	17.2
-87.5°	15.9	17.1	18.1	18.8	17.4	16.1	14.7	13.4	11.7	10.1	8.6
-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°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
85°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
82.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
80°	2.0	1.7	1.4	1.0	0.7	0.4	0.0
77.5°	2.0	2.0	1.7	1.3	0.9	0.6	0.0
75°	2.0	2.1	2.0	1.5	1.1	0.7	0.0
72.5°	2.1	2.2	2.1	1.8	1.2	0.8	0.0
70°	2.1	2.2	2.2	2.0	1.4	0.9	0.0
67.5°	2.4	2.3	2.3	2.1	1.6	1.0	0.0
65°	2.7	2.7	2.4	2.2	1.8	1.1	0.0
62.5°	3.2	3.4	2.6	2.4	2.0	1.2	0.0
60°	3.8	4.1	2.7	2.5	2.1	1.3	0.0
57.5°	7.0	4.9	3.5	2.6	2.3	1.4	0.0
55°	11.1	5.8	4.3	2.7	2.4	1.5	0.0
52.5°	16.0	7.4	5.2	2.8	2.5	1.6	0.0
50°	21.6	12.7	6.2	2.9	2.6	1.7	0.0
47.5°	29.0	18.4	7.2	3.2	2.8	1.8	0.0
45°	43.8	24.4	8.2	4.0	2.9	1.9	0.0
42.5°	58.9	30.9	9.2	4.8	3.0	2.0	0.0
40°	74.4	37.7	12.4	5.8	3.1	2.1	0.0
37.5°	90.1	44.8	17.8	7.0	3.3	2.2	0.0
35°	106.1	55.7	23.2	8.4	3.4	2.3	0.0
32.5°	123.5	68.3	28.7	9.9	3.5	2.4	0.0
30°	143.3	80.9	34.2	11.5	3.7	2.4	0.0
27.5°	162.7	93.2	41.0	13.2	3.8	2.5	0.0
25°	181.7	105.4	48.0	15.1	3.9	2.6	0.0
22.5°	200.1	117.8	55.0	16.9	4.1	2.7	0.0
20°	217.9	131.1	61.9	18.9	4.2	2.7	0.0
17.5°	235.5	144.0	68.7	20.9	4.3	2.8	0.0
15°	252.5	156.4	75.3	22.9	4.5	2.9	0.0
12.5°	268.3	168.2	81.7	24.9	4.6	2.9	0.0
10°	282.9	179.3	87.9	26.8	4.7	3.0	0.0
7.5°	296.4	189.7	93.7	28.7	4.8	3.0	0.0
5°	308.7	199.3	99.0	30.5	4.9	3.0	0.0
2.5°	319.7	208.0	104.0	32.2	5.0	3.1	0.0
0°	329.4	215.8	108.4	33.8	5.1	3.1	0.0
-2.5°	334.2	220.7	112.5	36.0	5.9	3.3	0.0
-5°	337.7	224.6	116.1	38.0	6.7	3.4	0.0
-7.5°	340.0	227.4	118.9	39.8	7.5	3.6	0.0
-10°	341.0	229.2	121.1	41.4	8.2	3.8	0.0
-12.5°	340.8	229.9	122.6	42.7	8.9	3.9	0.0
-15°	339.5	229.6	123.3	43.7	9.6	4.0	0.0
-17.5°	337.0	228.2	123.2	44.5	10.2	4.1	0.0
-20°	333.1	225.8	122.3	44.9	10.7	4.2	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	327.6	222.4	120.6	45.1	11.3	4.3	0.0
-25°	320.7	217.0	118.0	44.9	11.7	4.4	0.0
-27.5°	312.5	210.4	114.6	44.3	12.1	4.4	0.0
-30°	303.1	202.8	110.2	43.4	12.4	4.5	0.0
-32.5°	292.4	194.3	105.2	42.1	12.7	4.5	0.0
-35°	280.9	185.0	99.6	40.5	12.8	4.5	0.0
-37.5°	268.4	175.6	93.5	38.4	12.9	4.4	0.0
-40°	255.1	167.0	86.8	36.0	12.9	4.4	0.0
-42.5°	240.7	157.9	81.7	33.4	12.9	4.3	0.0
-45°	225.5	148.2	78.3	30.8	12.7	4.2	0.0
-47.5°	209.5	137.9	74.2	27.8	12.5	4.1	0.0
-50°	196.0	127.1	69.5	26.8	12.2	4.0	0.0
-52.5°	182.6	115.7	64.2	26.3	11.8	3.9	0.0
-55°	168.6	107.2	58.3	25.5	11.3	3.7	0.0
-57.5°	154.1	98.4	51.9	24.4	10.8	3.5	0.0
-60°	139.4	88.9	45.2	23.0	10.2	3.3	0.0
-62.5°	125.9	78.7	42.0	21.4	9.6	3.1	0.0
-65°	111.5	67.7	38.3	19.5	8.9	2.9	0.0
-67.5°	96.2	58.5	34.2	17.4	8.2	2.6	0.0
-70°	80.0	51.2	29.8	15.1	7.4	2.4	0.0
-72.5°	67.7	43.4	25.0	13.3	6.6	2.1	0.0
-75°	55.3	35.0	19.9	11.6	5.7	1.8	0.0
-77.5°	42.4	26.3	16.4	9.8	4.8	1.5	0.0
-80°	28.9	20.0	13.3	7.9	3.9	1.2	0.0
-82.5°	21.2	15.1	10.0	6.0	2.9	0.9	0.0
-85°	14.2	10.1	6.7	4.0	2.0	0.6	0.0
-87.5°	7.1	5.1	3.4	2.0	1.0	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)