

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: P645437 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA3D-750-U-LAM-VSR-XX

Issue Date: 2/28/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P645437 (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-SA3D-750-U-LAM-VSR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, LAMBERTIAN WITH VISOR  
Light Source: (48) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

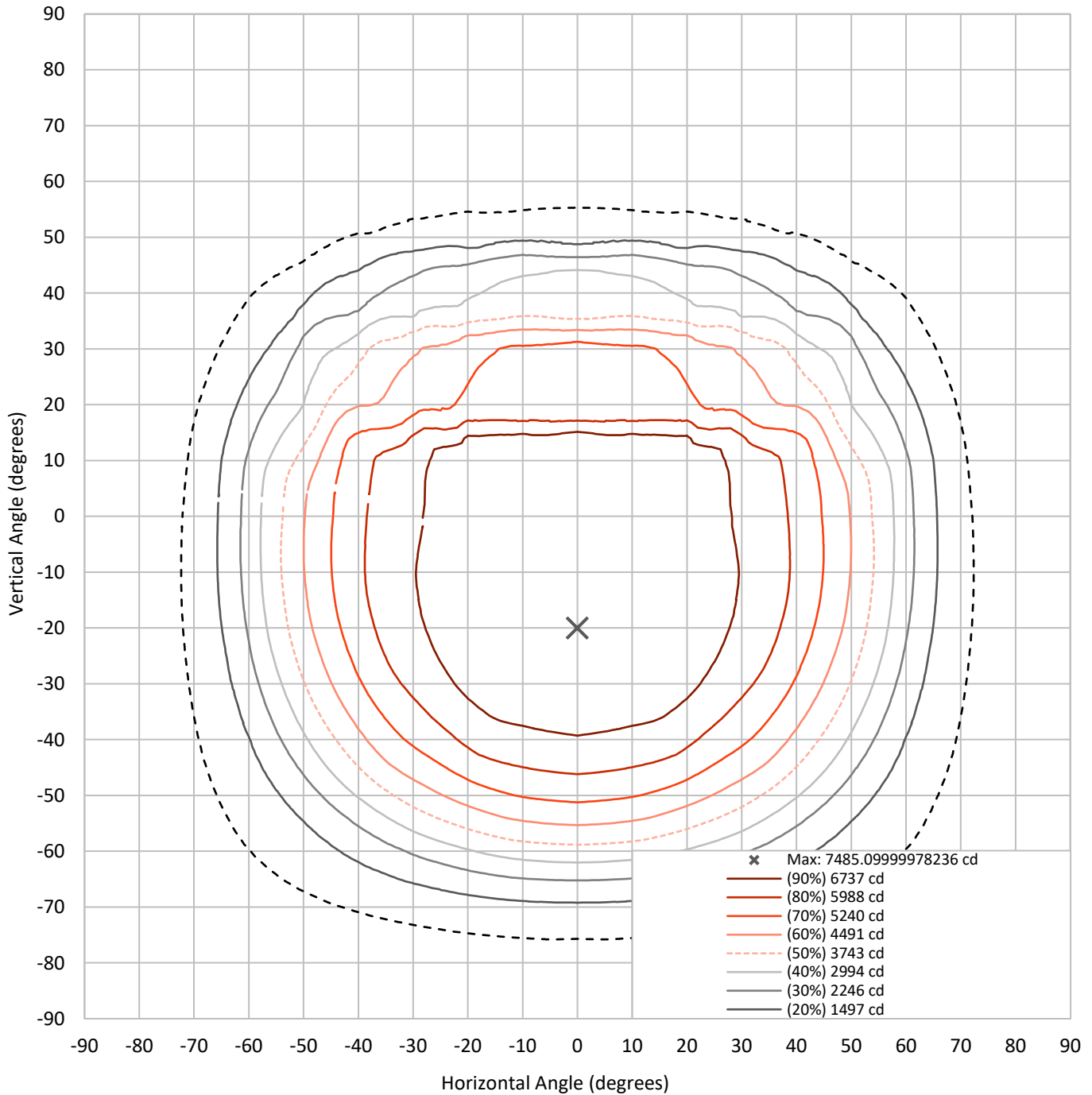
Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	17551.2 lumens	Max Intensity:	7485.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	109.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	105.6°H x 93.7°V	Field Angle (10%):	144°H x 131.2°V
Beam Lumens:	13720.5 lumens	Field Lumens:	17202.6 lumens
Beam Efficiency:	78.2%	Field Efficiency:	98.0%
Input Watts (W):	160.2		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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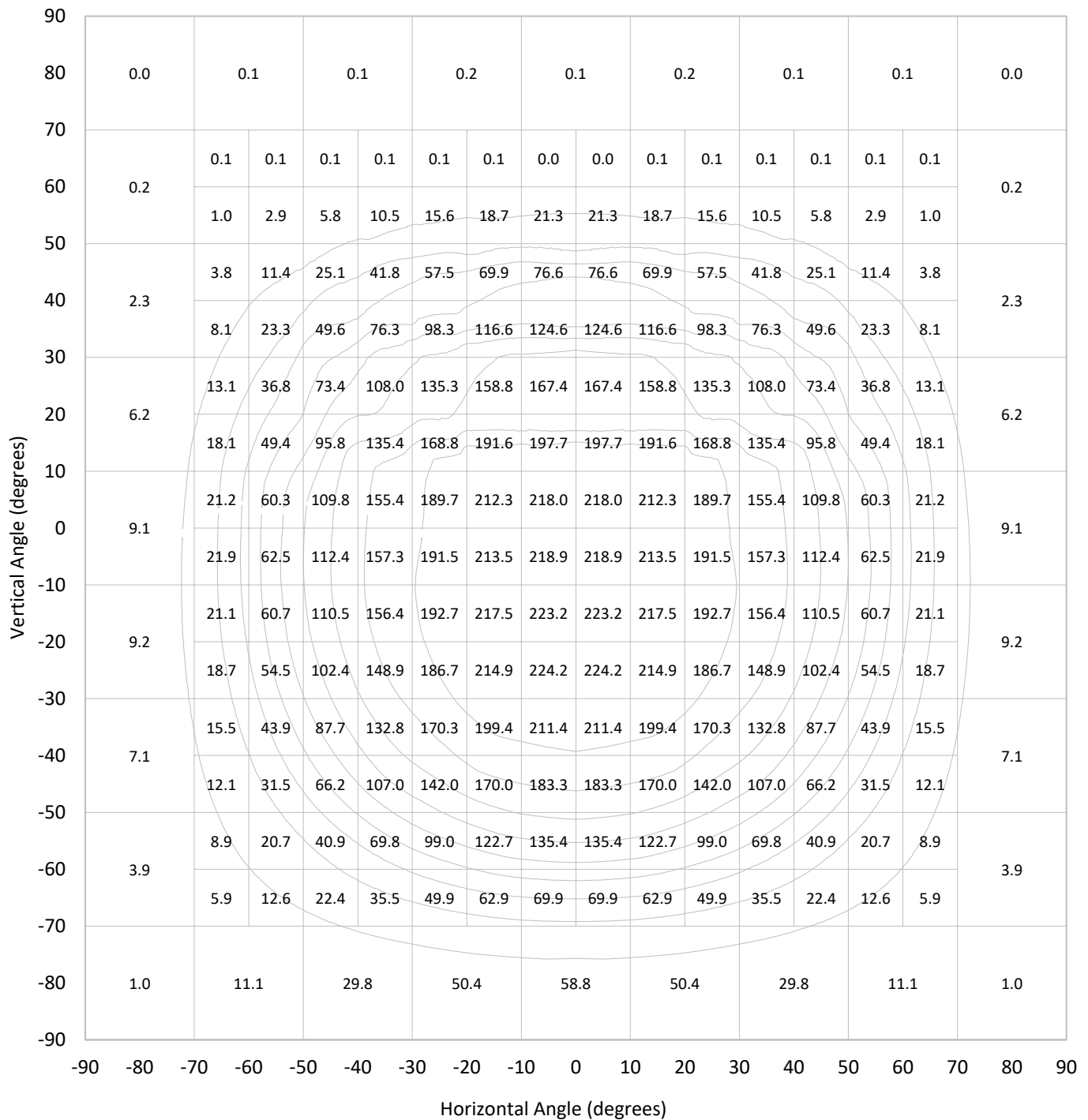
### Iso-Candela Plot





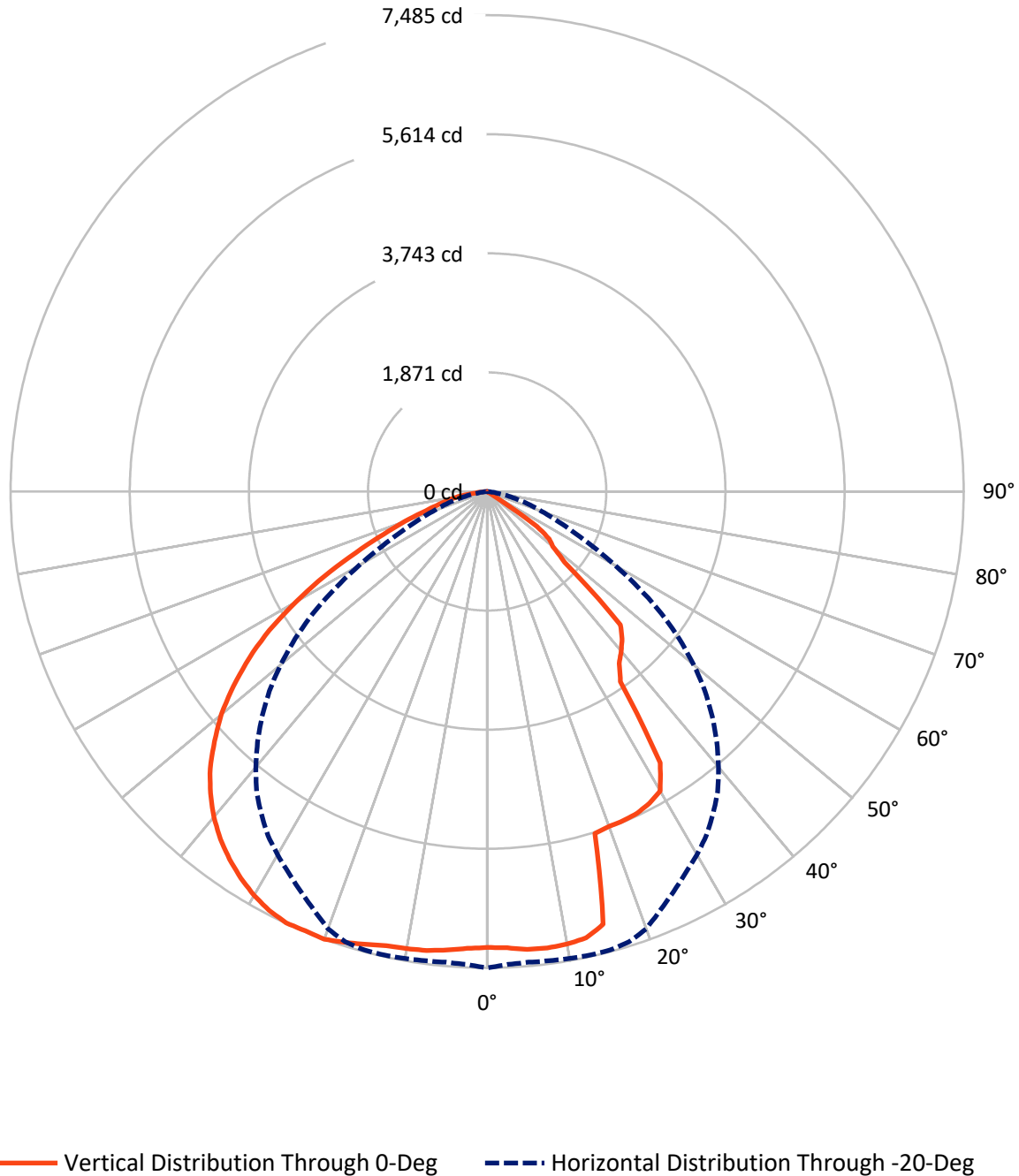
REPORT NUMBER: P645437 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Lumen Table



REPORT NUMBER: P645437 (CONVERTED FROM TYPE C PHOTOMETRY)  
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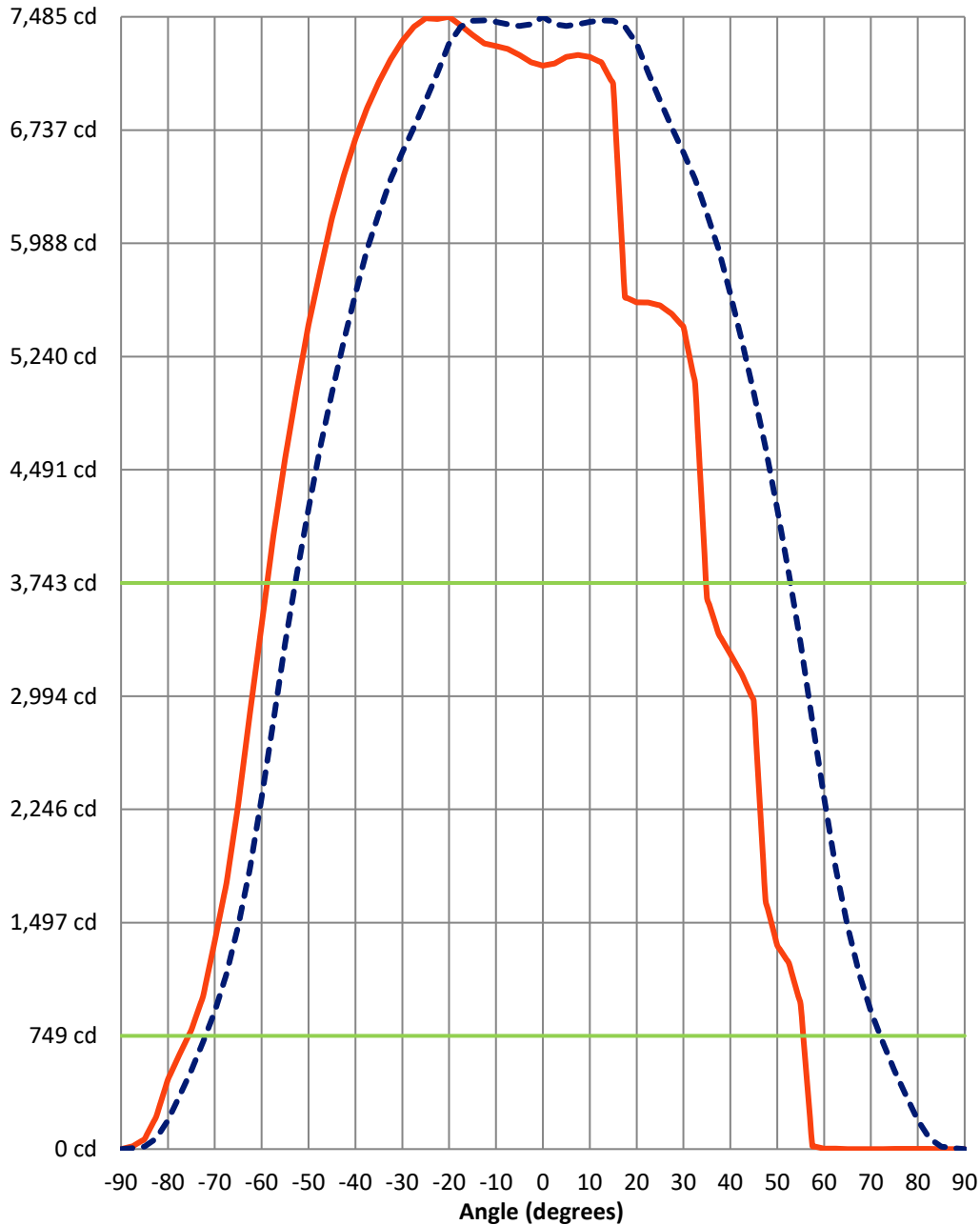
### Luminous Intensity Polar Plot





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### Luminous Intensity Plot



**Beam:**  
 H Angle: 105.6°  
 V Angle: 93.7°  
 Lumens: 13720.5  
 Efficiency: 78.2%

**Field:**  
 H Angle: 144°  
 V Angle: 131.2°  
 Lumens: 17202.6  
 Efficiency: 98.0%

**Spill:**  
 Lumens: 348.5  
 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	0.2	0.3	0.4	0.6	0.7	0.8	0.8	0.8	0.8	0.7
85°	0.0	0.3	0.6	0.8	1.1	1.4	1.7	1.7	1.6	1.5	1.4
82.5°	0.0	0.5	0.8	1.2	1.7	2.1	2.5	2.5	2.4	2.0	1.6
80°	0.0	0.7	1.1	1.7	2.2	2.8	3.2	2.8	2.4	2.0	1.7
77.5°	0.0	0.9	1.4	2.1	2.8	3.2	3.2	2.9	2.5	2.1	1.7
75°	0.0	1.0	1.7	2.5	3.2	3.3	3.2	2.9	2.5	2.1	1.7
72.5°	0.0	1.2	2.0	2.9	3.4	3.4	3.3	2.9	2.5	2.2	1.8
70°	0.0	1.4	2.3	3.2	3.5	3.6	3.4	3.0	2.6	2.2	2.5
67.5°	0.0	1.6	2.5	3.4	3.7	3.7	3.8	3.0	2.7	3.6	3.6
65°	0.0	1.7	2.8	3.5	3.8	4.2	4.3	3.0	4.2	5.0	6.3
62.5°	0.0	1.9	3.1	3.7	4.0	5.3	5.0	4.3	5.9	8.8	13.9
60°	0.0	2.1	3.4	3.9	4.2	6.4	5.9	6.0	7.7	22.2	24.2
57.5°	0.0	2.2	3.6	4.0	5.4	7.7	10.9	8.5	21.7	37.7	43.8
55°	0.0	2.4	3.8	4.2	6.8	9.1	17.4	13.8	40.3	58.2	70.9
52.5°	0.0	2.5	3.9	4.4	8.2	11.6	25.0	35.0	60.5	91.3	102.8
50°	0.0	2.7	4.1	4.6	9.6	19.9	33.7	59.2	86.5	128.1	160.6
47.5°	0.0	2.8	4.3	5.0	11.2	28.7	45.4	84.5	124.7	168.7	219.7
45°	0.0	3.0	4.5	6.2	12.8	38.1	68.4	110.9	167.3	219.9	277.1
42.5°	0.0	3.1	4.7	7.4	14.4	48.2	92.0	144.5	210.8	269.8	343.2
40°	0.0	3.3	4.9	9.0	19.4	58.9	116.1	182.7	255.5	318.6	414.0
37.5°	0.0	3.4	5.1	10.9	27.7	70.1	140.7	221.0	302.5	377.4	487.9
35°	0.0	3.6	5.3	13.0	36.2	87.0	165.7	259.2	350.1	449.6	575.2
32.5°	0.0	3.7	5.5	15.4	44.8	106.7	192.8	297.4	398.4	522.1	681.5
30°	0.0	3.8	5.8	17.9	53.4	126.3	223.8	335.9	447.1	594.9	783.4
27.5°	0.0	3.9	6.0	20.6	64.1	145.6	254.2	376.0	500.6	667.5	880.8
25°	0.0	4.0	6.2	23.5	75.0	164.6	283.8	415.6	561.0	746.8	973.7
22.5°	0.0	4.2	6.4	26.4	85.9	184.0	312.6	454.7	620.1	826.1	1067.8
20°	0.0	4.3	6.6	29.5	96.7	204.8	340.4	492.8	677.8	901.0	1159.5
17.5°	0.0	4.3	6.8	32.6	107.3	224.9	367.9	529.9	733.6	971.2	1248.4
15°	0.0	4.4	7.0	35.7	117.7	244.3	394.3	564.4	787.2	1036.7	1333.8
12.5°	0.0	4.5	7.2	38.8	127.7	262.7	419.1	595.2	829.9	1097.3	1415.0
10°	0.0	4.6	7.4	41.8	137.3	280.1	442.0	623.5	861.8	1133.7	1481.2
7.5°	0.0	4.7	7.5	44.8	146.3	296.4	463.1	649.3	889.0	1161.9	1519.7
5°	0.0	4.7	7.7	47.6	154.8	311.4	482.2	672.5	911.6	1184.6	1551.1
2.5°	0.0	4.8	7.9	50.3	162.5	325.1	499.4	693.1	930.0	1202.1	1575.1
0°	0.0	4.8	8.0	52.7	169.4	337.2	514.6	711.1	944.4	1214.5	1591.6
-2.5°	0.0	5.1	9.3	56.1	175.8	344.9	522.1	721.6	949.6	1230.2	1602.4
-5°	0.0	5.3	10.5	59.3	181.3	350.9	527.6	729.2	951.4	1240.4	1605.8
-7.5°	0.0	5.6	11.7	62.1	185.8	355.4	531.2	734.0	950.1	1244.5	1602.2
-10°	0.0	5.8	12.8	64.6	189.2	358.1	532.7	735.8	946.0	1242.1	1592.1
-12.5°	0.0	6.0	13.9	66.7	191.5	359.2	532.5	734.6	939.5	1232.0	1574.6
-15°	0.0	6.2	15.0	68.3	192.5	358.7	530.3	730.3	932.0	1212.5	1549.3
-17.5°	0.0	6.4	15.9	69.5	192.4	356.6	526.5	721.5	923.0	1188.1	1516.3
-20°	0.0	6.6	16.8	70.2	191.0	352.8	520.5	708.9	910.1	1159.0	1475.6

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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	6.7	17.6	70.4	188.3	347.4	511.8	693.8	893.3	1125.5	1427.3
-25°	0.0	6.8	18.3	70.1	184.3	339.1	501.0	676.3	872.5	1087.7	1371.3
-27.5°	0.0	6.9	18.9	69.3	179.0	328.7	488.3	656.4	847.7	1051.1	1321.8
-30°	0.0	6.9	19.4	67.8	172.2	316.8	473.6	634.2	820.7	1020.2	1268.8
-32.5°	0.0	6.9	19.8	65.9	164.4	303.5	456.9	613.7	792.0	984.5	1212.2
-35°	0.0	6.9	20.1	63.3	155.7	288.9	438.8	592.0	761.0	943.9	1152.2
-37.5°	0.0	6.9	20.2	60.1	146.1	274.2	419.4	568.1	727.7	898.7	1092.8
-40°	0.0	6.8	20.2	56.4	135.7	260.9	398.4	542.0	692.4	855.9	1034.3
-42.5°	0.0	6.7	20.1	52.3	127.8	246.6	376.1	513.6	658.2	810.8	971.2
-45°	0.0	6.6	19.9	48.2	122.3	231.5	352.3	484.3	623.2	762.6	905.9
-47.5°	0.0	6.4	19.5	43.6	116.0	215.4	327.2	455.0	585.8	712.1	849.3
-50°	0.0	6.2	19.0	42.0	108.6	198.5	306.2	424.2	544.4	665.7	790.2
-52.5°	0.0	6.0	18.4	41.2	100.4	180.8	285.1	392.0	504.8	617.9	729.5
-55°	0.0	5.8	17.7	39.9	91.2	167.4	263.3	359.5	465.0	568.9	675.5
-57.5°	0.0	5.5	16.8	38.1	81.1	153.8	240.7	333.6	423.9	521.8	620.4
-60°	0.0	5.2	15.9	36.0	70.6	138.9	217.7	305.1	382.8	474.4	565.3
-62.5°	0.0	4.8	14.9	33.4	65.5	122.9	196.7	274.0	344.8	425.5	511.5
-65°	0.0	4.5	13.9	30.5	59.8	105.7	174.1	241.7	304.4	376.6	456.3
-67.5°	0.0	4.1	12.7	27.2	53.5	91.4	150.2	209.7	262.0	325.4	396.7
-70°	0.0	3.7	11.5	23.6	46.5	80.0	125.0	176.9	224.0	272.0	333.3
-72.5°	0.0	3.3	10.2	20.8	39.0	67.7	105.7	143.4	185.3	227.7	270.7
-75°	0.0	2.8	8.9	18.1	31.0	54.7	86.4	115.5	145.8	182.9	220.3
-77.5°	0.0	2.4	7.5	15.2	25.6	41.0	66.1	89.3	113.4	139.5	169.2
-80°	0.0	1.9	6.0	12.3	20.7	31.2	45.1	62.6	81.2	101.4	123.1
-82.5°	0.0	1.5	4.6	9.3	15.7	23.6	33.1	40.1	48.5	62.7	78.1
-85°	0.0	1.0	3.1	6.2	10.5	15.8	22.2	26.8	31.6	36.6	41.8
-87.5°	0.0	0.5	1.5	3.1	5.3	7.9	11.1	13.4	15.8	18.3	20.9
-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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**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°	0.7	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.2	1.3
85°	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
77.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
75°	1.6	1.6	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6
72.5°	1.9	2.1	2.0	1.8	1.6	1.6	1.6	1.6	1.6	1.6	1.6
70°	2.5	2.6	2.3	1.9	1.6	1.7	1.8	1.8	1.6	1.6	1.6
67.5°	3.1	2.7	2.3	2.2	2.2	2.4	2.4	2.0	1.6	1.6	1.7
65°	3.2	2.8	4.0	4.5	3.3	2.8	2.4	2.1	2.2	2.3	2.3
62.5°	4.8	6.0	7.6	13.5	10.1	2.9	5.3	6.2	4.6	3.8	4.0
60°	15.6	10.6	31.5	45.1	28.2	10.3	12.6	41.7	36.2	6.7	22.6
57.5°	32.8	45.0	82.9	84.4	58.4	40.3	117.2	135.4	102.5	59.8	91.5
55°	72.3	111.0	137.5	127.3	139.0	210.5	250.2	224.7	189.2	291.0	371.8
52.5°	141.1	180.7	189.7	217.8	311.8	358.2	343.2	367.1	476.0	591.1	616.1
50°	208.4	240.7	266.0	384.5	458.0	462.7	496.9	604.8	750.1	820.6	803.5
47.5°	273.3	306.9	424.3	538.3	571.3	616.5	701.9	910.2	1064.1	1067.2	1049.8
45°	342.0	431.6	581.5	655.8	709.4	796.9	1003.0	1290.4	1305.3	1347.0	1603.9
42.5°	415.5	572.4	703.2	780.5	867.0	1030.3	1305.5	1493.9	1558.8	1741.6	1948.1
40°	534.5	708.4	822.7	921.5	1032.8	1271.1	1572.3	1749.0	1801.7	1959.9	2115.2
37.5°	655.3	822.0	950.1	1069.3	1223.6	1545.1	1893.7	2039.4	2066.1	2095.0	2439.0
35°	771.6	938.5	1091.9	1247.8	1437.0	1899.9	2204.6	2341.6	2337.3	2532.6	2892.9
32.5°	880.3	1057.6	1238.6	1447.2	1759.3	2233.6	2538.4	2620.4	2744.8	3029.0	3520.7
30°	988.9	1190.5	1398.3	1646.8	2042.2	2453.3	2801.2	2933.1	3146.3	3470.7	3828.5
27.5°	1100.8	1326.7	1578.0	1869.2	2265.5	2643.4	2940.5	3255.8	3462.9	3753.6	4008.1
25°	1212.2	1470.9	1755.4	2063.6	2425.1	2777.2	3084.6	3448.7	3671.1	3905.4	4142.9
22.5°	1329.0	1617.1	1938.4	2217.7	2559.6	2891.0	3257.0	3651.9	3941.0	4089.9	4249.4
20°	1451.1	1775.3	2118.0	2427.4	2692.4	2996.7	3430.0	3909.9	4283.1	4450.7	4472.6
17.5°	1571.4	1928.5	2297.0	2632.0	2917.8	3188.7	3611.8	4218.9	4683.1	4838.8	4908.1
15°	1688.8	2075.9	2475.1	2831.1	3144.8	3476.1	3927.9	4545.3	5075.9	5248.3	5357.4
12.5°	1802.1	2216.5	2650.2	3023.6	3372.0	3743.7	4214.9	4780.2	5264.5	5597.9	5798.0
10°	1910.0	2349.2	2820.2	3208.3	3596.6	3991.8	4452.5	4955.1	5349.4	5671.0	5955.0
7.5°	1964.4	2436.0	2966.3	3384.2	3815.6	4221.1	4647.0	5078.4	5410.5	5726.0	6000.5
5°	2001.5	2471.6	3011.9	3445.5	3932.0	4374.1	4787.5	5159.5	5450.4	5763.1	6031.3
2.5°	2027.9	2494.7	3042.8	3479.0	3975.7	4421.2	4828.0	5186.6	5483.3	5789.6	6064.3
0°	2043.9	2505.7	3058.6	3499.7	4003.0	4452.1	4851.6	5196.8	5505.2	5802.4	6098.1
-2.5°	2052.9	2539.2	3069.1	3552.7	4029.4	4478.8	4884.5	5221.5	5543.8	5826.6	6123.0
-5°	2051.8	2559.2	3066.3	3588.4	4042.1	4489.2	4901.0	5232.6	5564.7	5844.7	6133.1
-7.5°	2040.6	2563.8	3052.5	3599.6	4042.6	4485.7	4893.8	5238.0	5564.3	5861.3	6134.1
-10°	2020.8	2545.7	3039.7	3570.7	4027.1	4467.5	4871.7	5226.2	5551.3	5857.9	6128.8
-12.5°	1997.4	2508.4	3013.1	3529.1	3995.6	4433.5	4838.1	5196.3	5527.0	5832.8	6116.5
-15°	1962.2	2458.7	2969.3	3476.2	3947.7	4384.0	4794.6	5147.4	5489.5	5789.0	6080.2
-17.5°	1915.0	2397.1	2907.7	3413.5	3883.1	4319.5	4738.8	5082.9	5423.4	5732.9	6013.9
-20°	1855.5	2324.1	2827.7	3342.3	3801.1	4232.9	4639.0	4999.5	5337.7	5652.5	5947.9

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CATALOG NUMBER: GFLD-SA3D-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°
-22.5°	1783.5	2240.3	2731.3	3246.1	3698.7	4125.7	4526.9	4893.3	5243.7	5548.1	5862.8
-25°	1711.4	2151.6	2624.8	3113.1	3579.8	4005.0	4407.4	4764.3	5122.4	5439.1	5738.1
-27.5°	1642.4	2048.7	2501.2	2966.6	3445.0	3868.3	4267.0	4624.2	4971.9	5318.1	5605.9
-30°	1564.9	1929.7	2365.7	2810.2	3276.6	3707.5	4109.3	4479.8	4810.8	5152.7	5461.7
-32.5°	1479.4	1803.5	2222.5	2650.2	3090.0	3530.3	3928.4	4296.5	4640.8	4964.2	5288.6
-35°	1395.8	1701.6	2070.8	2478.3	2892.2	3324.2	3722.6	4087.2	4444.4	4764.8	5074.8
-37.5°	1320.6	1591.2	1909.6	2298.9	2694.4	3103.0	3508.1	3861.1	4201.1	4553.3	4855.6
-40°	1239.2	1472.7	1770.0	2114.0	2486.8	2875.5	3263.3	3628.4	3948.1	4296.1	4628.5
-42.5°	1154.0	1376.1	1632.2	1918.4	2270.3	2636.7	3011.2	3368.2	3700.1	4028.5	4358.0
-45°	1079.3	1273.9	1492.1	1753.5	2040.0	2384.7	2739.2	3095.2	3413.7	3726.6	4052.0
-47.5°	1000.0	1171.2	1372.9	1581.8	1830.8	2118.9	2452.4	2780.7	3106.7	3404.4	3692.4
-50°	920.9	1078.8	1244.5	1432.5	1638.0	1871.5	2148.5	2453.7	2751.6	3057.2	3342.4
-52.5°	852.8	981.5	1131.3	1288.2	1464.1	1657.3	1879.2	2129.9	2400.8	2660.2	2944.7
-55°	782.1	898.2	1019.0	1157.2	1303.5	1466.6	1648.5	1859.2	2065.9	2305.8	2538.1
-57.5°	717.7	815.5	918.6	1032.7	1159.8	1290.3	1449.3	1613.2	1800.7	1987.2	2171.1
-60°	656.8	736.8	824.3	920.9	1023.1	1139.2	1257.9	1398.6	1549.7	1698.5	1854.5
-62.5°	595.5	662.8	734.1	814.3	903.5	991.3	1092.5	1201.0	1312.2	1438.3	1561.3
-65°	532.5	586.9	647.4	713.9	785.0	859.8	937.6	1017.9	1112.5	1204.9	1294.4
-67.5°	465.6	512.1	561.1	613.5	673.1	731.8	790.4	858.2	927.9	996.3	1067.2
-70°	391.4	435.3	476.1	518.6	563.0	608.9	659.0	708.7	757.8	809.1	866.0
-72.5°	316.0	356.4	392.3	423.7	460.1	498.3	534.9	569.8	606.8	645.7	684.3
-75°	252.0	278.7	310.8	340.1	369.0	395.9	420.0	449.7	480.6	508.8	532.1
-77.5°	196.7	221.0	242.9	262.5	285.6	312.5	336.0	356.2	375.8	397.3	420.0
-80°	143.1	163.2	183.2	201.4	214.6	229.9	247.9	268.5	286.4	300.9	314.1
-82.5°	92.4	106.9	121.8	136.9	143.1	147.3	151.2	158.4	169.4	180.3	190.7
-85°	46.0	50.2	59.3	68.6	71.8	74.1	75.6	76.5	80.2	83.7	86.7
-87.5°	23.0	25.1	27.2	29.3	28.2	26.7	24.9	22.7	22.1	21.5	20.6
-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: P645437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-750-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.3	1.3	1.4	1.4	1.5	1.1	0.8	0.4	0.0	0.0	0.0
85°	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.2	0.8
82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
77.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
75°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
72.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
70°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
67.5°	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.4	1.0
65°	2.2	2.2	2.3	2.2	2.0	1.9	2.0	1.9	1.7	1.4	1.0
62.5°	4.0	4.5	3.6	3.5	3.5	3.4	3.2	3.1	2.8	2.7	2.8
60°	25.1	14.8	8.7	10.1	9.1	6.0	7.7	9.0	9.1	8.3	7.4
57.5°	138.9	103.7	76.8	183.4	184.0	87.8	105.8	166.3	136.9	45.0	41.8
55°	386.4	462.2	608.3	577.8	587.2	675.3	737.4	652.8	640.0	682.0	787.8
52.5°	694.2	766.4	815.6	861.5	917.5	977.7	1039.6	1079.1	1115.9	1155.2	1178.5
50°	886.5	988.3	1058.2	1032.4	1177.2	1236.5	1176.4	1230.1	1295.7	1313.7	1322.1
47.5°	1309.0	1458.2	1487.9	1584.0	1670.4	1668.6	1595.2	1599.4	1794.7	1966.9	2051.5
45°	1881.2	1886.3	1980.1	2149.9	2271.3	2233.1	2335.5	2568.4	2645.9	2720.8	2782.2
42.5°	2104.1	2196.5	2346.3	2496.4	2586.9	2665.3	2741.2	2826.8	2927.4	3009.0	3074.2
40°	2320.0	2394.4	2547.8	2668.7	2743.6	2816.9	2905.2	3000.0	3092.1	3163.9	3212.8
37.5°	2652.2	2709.9	2747.2	2859.5	3001.2	2935.8	3103.4	3223.7	3278.6	3351.5	3358.0
35°	3154.8	3116.4	3066.7	3513.5	3540.2	3389.3	3546.1	3732.5	3634.3	3838.9	3948.9
32.5°	3600.5	3594.7	3984.6	4219.6	4084.4	4194.7	4556.2	4540.1	4781.0	4892.8	4861.0
30°	4020.3	4163.5	4389.0	4564.0	4587.4	4761.3	4921.8	5062.4	5207.9	5338.2	5347.2
27.5°	4233.4	4420.3	4573.4	4674.6	4787.6	4933.9	5079.6	5238.0	5361.6	5443.4	5463.4
25°	4362.3	4553.2	4669.2	4778.1	4902.8	5029.1	5192.2	5364.6	5464.0	5514.4	5530.5
22.5°	4476.0	4647.5	4772.2	4860.6	4994.7	5130.6	5282.6	5428.6	5536.6	5558.6	5566.6
20°	4585.4	4750.2	4958.4	5088.5	5082.0	5235.1	5381.6	5497.7	5587.7	5587.2	5589.3
17.5°	4901.9	4960.7	5338.4	5625.2	5483.2	5408.3	5811.2	5818.9	5842.8	5795.3	5692.2
15°	5370.4	5477.6	5941.6	6252.5	6154.6	6149.5	6731.4	6587.1	6711.3	6678.9	6818.6
12.5°	5866.8	5993.7	6340.4	6645.7	6791.2	6826.8	7021.3	7203.4	7240.9	7226.1	7198.6
10°	6205.0	6385.7	6525.0	6710.3	6857.0	7006.6	7119.2	7250.0	7292.9	7268.1	7233.0
7.5°	6249.0	6427.6	6591.1	6753.7	6893.4	7014.0	7130.8	7237.3	7280.9	7266.5	7242.4
5°	6277.0	6438.8	6597.3	6762.2	6895.8	7007.6	7124.0	7231.9	7257.6	7240.3	7216.9
2.5°	6294.2	6444.0	6596.7	6761.0	6882.4	6988.8	7106.6	7221.7	7221.5	7214.0	7200.2
0°	6302.6	6452.8	6630.2	6778.8	6914.6	7015.3	7132.0	7243.8	7235.8	7215.1	7191.1
-2.5°	6320.6	6472.8	6653.8	6776.9	6930.1	7022.3	7142.9	7239.8	7236.0	7225.8	7213.9
-5°	6336.6	6507.8	6677.1	6806.6	6960.1	7080.7	7200.5	7276.3	7280.3	7266.1	7246.1
-7.5°	6346.4	6536.1	6697.6	6827.7	6976.6	7116.9	7238.4	7317.9	7319.6	7300.7	7276.8
-10°	6343.1	6543.4	6709.7	6844.1	6996.6	7135.1	7262.1	7363.0	7359.7	7341.7	7321.3
-12.5°	6331.1	6531.2	6702.0	6836.8	7009.9	7152.5	7295.5	7395.7	7401.0	7387.6	7365.5
-15°	6304.8	6511.3	6677.5	6824.7	6994.4	7161.1	7308.0	7418.6	7438.3	7427.2	7409.8
-17.5°	6252.7	6470.7	6646.9	6805.6	6968.4	7146.0	7313.1	7434.1	7461.1	7456.7	7442.2
-20°	6184.3	6409.3	6588.2	6754.5	6931.6	7114.6	7309.1	7419.6	7458.8	7461.2	7451.4

Classified

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P645437 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3D-750-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	6107.6	6327.8	6517.6	6681.1	6873.2	7058.4	7234.5	7363.9	7429.7	7441.9	7442.7
-25°	6015.5	6241.9	6430.4	6604.5	6783.2	6974.5	7152.4	7296.9	7363.5	7395.4	7405.3
-27.5°	5885.5	6119.4	6304.9	6488.9	6670.7	6868.4	7055.3	7212.5	7266.7	7310.5	7328.0
-30°	5733.2	5964.5	6153.6	6321.8	6529.9	6731.3	6924.3	7061.4	7143.2	7193.2	7220.6
-32.5°	5558.0	5791.5	5990.0	6165.7	6363.4	6564.8	6746.4	6891.0	7003.7	7061.5	7090.8
-35°	5368.1	5606.5	5814.3	5999.3	6185.5	6377.5	6565.6	6716.9	6845.3	6894.9	6931.6
-37.5°	5139.0	5402.0	5615.0	5805.9	5982.7	6163.2	6359.1	6532.1	6656.8	6705.0	6743.6
-40°	4904.0	5158.2	5373.1	5576.6	5751.5	5948.6	6137.3	6318.6	6426.8	6483.0	6526.7
-42.5°	4656.0	4885.6	5090.0	5287.7	5482.4	5685.3	5873.9	6062.2	6155.9	6223.6	6277.3
-45°	4369.7	4583.4	4782.0	4967.0	5167.7	5367.2	5555.9	5722.4	5833.7	5921.9	5990.4
-47.5°	3988.0	4248.3	4447.7	4623.7	4822.7	5015.1	5198.0	5354.5	5476.7	5579.8	5659.4
-50°	3600.3	3850.2	4075.1	4272.8	4457.4	4635.4	4809.4	4962.5	5091.8	5203.5	5284.2
-52.5°	3218.5	3452.6	3675.8	3879.9	4057.4	4225.4	4384.6	4538.7	4675.0	4794.4	4872.5
-55°	2787.2	3029.6	3250.4	3440.7	3618.1	3784.1	3941.4	4087.4	4221.7	4343.3	4418.1
-57.5°	2382.5	2595.2	2800.6	2976.3	3143.7	3301.8	3450.9	3590.7	3719.9	3834.4	3906.5
-60°	2010.5	2165.6	2342.3	2504.6	2653.0	2787.6	2926.7	3057.0	3175.7	3276.3	3343.5
-62.5°	1681.7	1810.2	1937.8	2061.2	2181.6	2302.5	2418.9	2527.1	2626.2	2708.7	2767.6
-65°	1388.8	1492.0	1584.3	1671.8	1755.1	1850.5	1939.0	2022.3	2099.4	2162.6	2207.5
-67.5°	1143.5	1216.1	1279.9	1339.9	1405.6	1473.1	1536.2	1591.3	1638.4	1675.8	1705.4
-70°	922.2	975.6	1023.7	1071.5	1119.5	1163.3	1205.1	1245.6	1284.1	1315.5	1339.0
-72.5°	722.2	758.6	791.4	828.3	862.8	896.1	925.0	948.3	966.5	984.1	999.5
-75°	550.6	578.0	615.0	646.2	672.0	694.8	715.7	734.3	750.7	765.2	778.0
-77.5°	442.9	466.1	489.7	512.5	534.5	550.8	566.0	581.2	596.1	609.0	620.4
-80°	328.2	345.6	363.7	382.0	400.2	409.2	416.5	423.1	429.1	436.7	443.9
-82.5°	200.6	210.5	220.6	230.8	241.0	243.6	244.5	244.3	243.0	240.2	235.9
-85°	89.3	89.8	89.6	88.6	86.9	83.3	79.0	74.0	68.3	67.5	66.4
-87.5°	19.7	19.2	18.7	18.1	17.4	17.4	17.3	17.2	17.0	17.6	18.1
-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: P645437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-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°
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	0.4
85°	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.8	1.2	1.5	1.5
82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
77.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
75°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
72.5°	1.6	1.6	0.8	0.0	0.8	1.6	1.6	1.6	1.6	1.6	1.6
70°	1.6	1.6	0.9	0.0	0.9	1.6	1.6	1.6	1.6	1.6	1.6
67.5°	0.6	0.1	0.0	0.0	0.0	0.1	0.6	1.0	1.4	1.6	1.6
65°	0.5	0.1	0.0	0.0	0.0	0.1	0.5	1.0	1.4	1.7	1.9
62.5°	2.9	3.1	3.2	3.2	3.2	3.1	2.9	2.8	2.7	2.8	3.1
60°	5.8	3.8	3.2	3.2	3.2	3.8	5.8	7.4	8.3	9.1	9.0
57.5°	35.3	26.4	22.4	20.8	22.4	26.4	35.3	41.8	45.0	136.9	166.3
55°	863.6	907.6	940.4	955.6	940.4	907.6	863.6	787.8	682.0	640.0	652.8
52.5°	1199.1	1218.3	1229.3	1228.9	1229.3	1218.3	1199.1	1178.5	1155.2	1115.9	1079.1
50°	1336.5	1345.8	1349.1	1347.1	1349.1	1345.8	1336.5	1322.1	1313.7	1295.7	1230.1
47.5°	1974.2	1803.4	1677.8	1647.6	1677.8	1803.4	1974.2	2051.5	1966.9	1794.7	1599.4
45°	2811.7	2876.5	2941.0	2961.1	2941.0	2876.5	2811.7	2782.2	2720.8	2645.9	2568.4
42.5°	3101.8	3122.9	3134.8	3135.3	3134.8	3122.9	3101.8	3074.2	3009.0	2927.4	2826.8
40°	3240.2	3260.1	3271.6	3272.7	3271.6	3260.1	3240.2	3212.8	3163.9	3092.1	3000.0
37.5°	3366.0	3382.9	3394.1	3405.4	3394.1	3382.9	3366.0	3358.0	3351.5	3278.6	3223.7
35°	3934.0	3805.3	3620.2	3648.3	3620.2	3805.3	3934.0	3948.9	3838.9	3634.3	3732.5
32.5°	4910.8	4964.9	4998.7	5056.1	4998.7	4964.9	4910.8	4861.0	4892.8	4781.0	4540.1
30°	5361.5	5379.3	5406.4	5434.9	5406.4	5379.3	5361.5	5347.2	5338.2	5207.9	5062.4
27.5°	5473.9	5492.4	5508.9	5521.2	5508.9	5492.4	5473.9	5463.4	5443.4	5361.6	5238.0
25°	5532.8	5544.3	5561.7	5577.1	5561.7	5544.3	5532.8	5530.5	5514.4	5464.0	5364.6
22.5°	5562.0	5563.2	5576.9	5596.3	5576.9	5563.2	5562.0	5566.6	5558.6	5536.6	5428.6
20°	5582.1	5571.2	5585.3	5597.9	5585.3	5571.2	5582.1	5589.3	5587.2	5587.7	5497.7
17.5°	5837.6	5691.8	5631.9	5633.0	5631.9	5691.8	5837.6	5692.2	5795.3	5842.8	5818.9
15°	6661.7	6716.4	6926.0	7039.3	6926.0	6716.4	6661.7	6818.6	6678.9	6711.3	6587.1
12.5°	7193.5	7174.1	7149.2	7183.1	7149.2	7174.1	7193.5	7198.6	7226.1	7240.9	7203.4
10°	7218.2	7216.0	7171.6	7219.9	7171.6	7216.0	7218.2	7233.0	7268.1	7292.9	7250.0
7.5°	7203.1	7204.4	7185.5	7232.6	7185.5	7204.4	7203.1	7242.4	7266.5	7280.9	7237.3
5°	7213.1	7180.6	7192.9	7219.9	7192.9	7180.6	7213.1	7216.9	7240.3	7257.6	7231.9
2.5°	7185.1	7181.8	7157.8	7176.7	7157.8	7181.8	7185.1	7200.2	7214.0	7221.5	7221.7
0°	7163.9	7146.4	7146.4	7162.3	7146.4	7146.4	7163.9	7191.1	7215.1	7235.8	7243.8
-2.5°	7201.7	7198.0	7195.7	7184.7	7195.7	7198.0	7201.7	7213.9	7225.8	7236.0	7239.8
-5°	7232.8	7223.3	7197.1	7232.6	7197.1	7223.3	7232.8	7246.1	7266.1	7280.3	7276.3
-7.5°	7266.2	7242.0	7217.1	7272.6	7217.1	7242.0	7266.2	7276.8	7300.7	7319.6	7317.9
-10°	7296.8	7261.6	7237.4	7291.8	7237.4	7261.6	7296.8	7321.3	7341.7	7359.7	7363.0
-12.5°	7337.1	7296.1	7279.9	7309.4	7279.9	7296.1	7337.1	7365.5	7387.6	7401.0	7395.7
-15°	7380.1	7351.7	7347.9	7365.3	7347.9	7351.7	7380.1	7409.8	7427.2	7438.3	7418.6
-17.5°	7417.9	7398.0	7407.8	7427.6	7407.8	7398.0	7417.9	7442.2	7456.7	7461.1	7434.1
-20°	7435.9	7424.8	7435.9	7485.1	7435.9	7424.8	7435.9	7451.4	7461.2	7458.8	7419.6



REPORT NUMBER: P645437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-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°	7434.4	7435.1	7454.7	7470.8	7454.7	7435.1	7434.4	7442.7	7441.9	7429.7	7363.9
-25°	7406.0	7421.0	7443.4	7475.5	7443.4	7421.0	7406.0	7405.3	7395.4	7363.5	7296.9
-27.5°	7337.6	7362.5	7385.9	7419.6	7385.9	7362.5	7337.6	7328.0	7310.5	7266.7	7212.5
-30°	7238.7	7268.2	7289.2	7325.3	7289.2	7268.2	7238.7	7220.6	7193.2	7143.2	7061.4
-32.5°	7118.3	7151.7	7176.5	7202.3	7176.5	7151.7	7118.3	7090.8	7061.5	7003.7	6891.0
-35°	6967.8	7003.8	7030.1	7053.7	7030.1	7003.8	6967.8	6931.6	6894.9	6845.3	6716.9
-37.5°	6787.0	6825.8	6855.8	6882.7	6855.8	6825.8	6787.0	6743.6	6705.0	6656.8	6532.1
-40°	6576.4	6616.2	6648.2	6678.1	6648.2	6616.2	6576.4	6526.7	6483.0	6426.8	6318.6
-42.5°	6330.1	6370.3	6403.3	6433.6	6403.3	6370.3	6330.1	6277.3	6223.6	6155.9	6062.2
-45°	6045.7	6087.0	6121.9	6154.0	6121.9	6087.0	6045.7	5990.4	5921.9	5833.7	5722.4
-47.5°	5718.2	5762.4	5792.2	5807.2	5792.2	5762.4	5718.2	5659.4	5579.8	5476.7	5354.5
-50°	5342.7	5386.9	5422.8	5449.3	5422.8	5386.9	5342.7	5284.2	5203.5	5091.8	4962.5
-52.5°	4929.4	4971.5	5002.3	5021.0	5002.3	4971.5	4929.4	4872.5	4794.4	4675.0	4538.7
-55°	4477.0	4521.0	4550.3	4564.0	4550.3	4521.0	4477.0	4418.1	4343.3	4221.7	4087.4
-57.5°	3963.7	4005.6	4036.7	4054.2	4036.7	4005.6	3963.7	3906.5	3834.4	3719.9	3590.7
-60°	3395.9	3433.3	3456.9	3466.1	3456.9	3433.3	3395.9	3343.5	3276.3	3175.7	3057.0
-62.5°	2815.1	2850.5	2872.6	2881.2	2872.6	2850.5	2815.1	2767.6	2708.7	2626.2	2527.1
-65°	2240.9	2263.2	2275.4	2277.2	2275.4	2263.2	2240.9	2207.5	2162.6	2099.4	2022.3
-67.5°	1728.8	1745.7	1756.0	1759.4	1756.0	1745.7	1728.8	1705.4	1675.8	1638.4	1591.3
-70°	1356.5	1368.2	1374.8	1375.9	1374.8	1368.2	1356.5	1339.0	1315.5	1284.1	1245.6
-72.5°	1011.3	1019.7	1016.8	1009.9	1016.8	1019.7	1011.3	999.5	984.1	966.5	948.3
-75°	789.0	798.2	794.3	787.8	794.3	798.2	789.0	778.0	765.2	750.7	734.3
-77.5°	630.3	638.7	634.5	628.0	634.5	638.7	630.3	620.4	609.0	596.1	581.2
-80°	450.1	455.0	458.5	460.2	458.5	455.0	450.1	443.9	436.7	429.1	423.1
-82.5°	230.4	223.6	219.3	214.1	219.3	223.6	230.4	235.9	240.2	243.0	244.3
-85°	65.1	63.6	64.6	65.5	64.6	63.6	65.1	66.4	67.5	68.3	74.0
-87.5°	18.6	19.1	19.2	19.2	19.2	19.1	18.6	18.1	17.6	17.0	17.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-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°	0.8	1.1	1.5	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.1
85°	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
77.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
75°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
72.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
70°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.8
67.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.6	1.6	2.0
65°	2.0	1.9	2.0	2.2	2.3	2.2	2.2	2.3	2.3	2.2	2.1
62.5°	3.2	3.4	3.5	3.5	3.6	4.5	4.0	4.0	3.8	4.6	6.2
60°	7.7	6.0	9.1	10.1	8.7	14.8	25.1	22.6	6.7	36.2	41.7
57.5°	105.8	87.8	184.0	183.4	76.8	103.7	138.9	91.5	59.8	102.5	135.4
55°	737.4	675.3	587.2	577.8	608.3	462.2	386.4	371.8	291.0	189.2	224.7
52.5°	1039.6	977.7	917.5	861.5	815.6	766.4	694.2	616.1	591.1	476.0	367.1
50°	1176.4	1236.5	1177.2	1032.4	1058.2	988.3	886.5	803.5	820.6	750.1	604.8
47.5°	1595.2	1668.6	1670.4	1584.0	1487.9	1458.2	1309.0	1049.8	1067.2	1064.1	910.2
45°	2335.5	2233.1	2271.3	2149.9	1980.1	1886.3	1881.2	1603.9	1347.0	1305.3	1290.4
42.5°	2741.2	2665.3	2586.9	2496.4	2346.3	2196.5	2104.1	1948.1	1741.6	1558.8	1493.9
40°	2905.2	2816.9	2743.6	2668.7	2547.8	2394.4	2320.0	2115.2	1959.9	1801.7	1749.0
37.5°	3103.4	2935.8	3001.2	2859.5	2747.2	2709.9	2652.2	2439.0	2095.0	2066.1	2039.4
35°	3546.1	3389.3	3540.2	3513.5	3066.7	3116.4	3154.8	2892.9	2532.6	2337.3	2341.6
32.5°	4556.2	4194.7	4084.4	4219.6	3984.6	3594.7	3600.5	3520.7	3029.0	2744.8	2620.4
30°	4921.8	4761.3	4587.4	4564.0	4389.0	4163.5	4020.3	3828.5	3470.7	3146.3	2933.1
27.5°	5079.6	4933.9	4787.6	4674.6	4573.4	4420.3	4233.4	4008.1	3753.6	3462.9	3255.8
25°	5192.2	5029.1	4902.8	4778.1	4669.2	4553.2	4362.3	4142.9	3905.4	3671.1	3448.7
22.5°	5282.6	5130.6	4994.7	4860.6	4772.2	4647.5	4476.0	4249.4	4089.9	3941.0	3651.9
20°	5381.6	5235.1	5082.0	5088.5	4958.4	4750.2	4585.4	4472.6	4450.7	4283.1	3909.9
17.5°	5811.2	5408.3	5483.2	5625.2	5338.4	4960.7	4901.9	4908.1	4838.8	4683.1	4218.9
15°	6731.4	6149.5	6154.6	6252.5	5941.6	5477.6	5370.4	5357.4	5248.3	5075.9	4545.3
12.5°	7021.3	6826.8	6791.2	6645.7	6340.4	5993.7	5866.8	5798.0	5597.9	5264.5	4780.2
10°	7119.2	7006.6	6857.0	6710.3	6525.0	6385.7	6205.0	5955.0	5671.0	5349.4	4955.1
7.5°	7130.8	7014.0	6893.4	6753.7	6591.1	6427.6	6249.0	6000.5	5726.0	5410.5	5078.4
5°	7124.0	7007.6	6895.8	6762.2	6597.3	6438.8	6277.0	6031.3	5763.1	5450.4	5159.5
2.5°	7106.6	6988.8	6882.4	6761.0	6596.7	6444.0	6294.2	6064.3	5789.6	5483.3	5186.6
0°	7132.0	7015.3	6914.6	6778.8	6630.2	6452.8	6302.6	6098.1	5802.4	5505.2	5196.8
-2.5°	7142.9	7022.3	6930.1	6776.9	6653.8	6472.8	6320.6	6123.0	5826.6	5543.8	5221.5
-5°	7200.5	7080.7	6960.1	6806.6	6677.1	6507.8	6336.6	6133.1	5844.7	5564.7	5232.6
-7.5°	7238.4	7116.9	6976.6	6827.7	6697.6	6536.1	6346.4	6134.1	5861.3	5564.3	5238.0
-10°	7262.1	7135.1	6996.6	6844.1	6709.7	6543.4	6343.1	6128.8	5857.9	5551.3	5226.2
-12.5°	7295.5	7152.5	7009.9	6836.8	6702.0	6531.2	6331.1	6116.5	5832.8	5527.0	5196.3
-15°	7308.0	7161.1	6994.4	6824.7	6677.5	6511.3	6304.8	6080.2	5789.0	5489.5	5147.4
-17.5°	7313.1	7146.0	6968.4	6805.6	6646.9	6470.7	6252.7	6013.9	5732.9	5423.4	5082.9
-20°	7309.1	7114.6	6931.6	6754.5	6588.2	6409.3	6184.3	5947.9	5652.5	5337.7	4999.5

Classified

Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P645437 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3D-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°	7234.5	7058.4	6873.2	6681.1	6517.6	6327.8	6107.6	5862.8	5548.1	5243.7	4893.3
-25°	7152.4	6974.5	6783.2	6604.5	6430.4	6241.9	6015.5	5738.1	5439.1	5122.4	4764.3
-27.5°	7055.3	6868.4	6670.7	6488.9	6304.9	6119.4	5885.5	5605.9	5318.1	4971.9	4624.2
-30°	6924.3	6731.3	6529.9	6321.8	6153.6	5964.5	5733.2	5461.7	5152.7	4810.8	4479.8
-32.5°	6746.4	6564.8	6363.4	6165.7	5990.0	5791.5	5558.0	5288.6	4964.2	4640.8	4296.5
-35°	6565.6	6377.5	6185.5	5999.3	5814.3	5606.5	5368.1	5074.8	4764.8	4444.4	4087.2
-37.5°	6359.1	6163.2	5982.7	5805.9	5615.0	5402.0	5139.0	4855.6	4553.3	4201.1	3861.1
-40°	6137.3	5948.6	5751.5	5576.6	5373.1	5158.2	4904.0	4628.5	4296.1	3948.1	3628.4
-42.5°	5873.9	5685.3	5482.4	5287.7	5090.0	4885.6	4656.0	4358.0	4028.5	3700.1	3368.2
-45°	5555.9	5367.2	5167.7	4967.0	4782.0	4583.4	4369.7	4052.0	3726.6	3413.7	3095.2
-47.5°	5198.0	5015.1	4822.7	4623.7	4447.7	4248.3	3988.0	3692.4	3404.4	3106.7	2780.7
-50°	4809.4	4635.4	4457.4	4272.8	4075.1	3850.2	3600.3	3342.4	3057.2	2751.6	2453.7
-52.5°	4384.6	4225.4	4057.4	3879.9	3675.8	3452.6	3218.5	2944.7	2660.2	2400.8	2129.9
-55°	3941.4	3784.1	3618.1	3440.7	3250.4	3029.6	2787.2	2538.1	2305.8	2065.9	1859.2
-57.5°	3450.9	3301.8	3143.7	2976.3	2800.6	2595.2	2382.5	2171.1	1987.2	1800.7	1613.2
-60°	2926.7	2787.6	2653.0	2504.6	2342.3	2165.6	2010.5	1854.5	1698.5	1549.7	1398.6
-62.5°	2418.9	2302.5	2181.6	2061.2	1937.8	1810.2	1681.7	1561.3	1438.3	1312.2	1201.0
-65°	1939.0	1850.5	1755.1	1671.8	1584.3	1492.0	1388.8	1294.4	1204.9	1112.5	1017.9
-67.5°	1536.2	1473.1	1405.6	1339.9	1279.9	1216.1	1143.5	1067.2	996.3	927.9	858.2
-70°	1205.1	1163.3	1119.5	1071.5	1023.7	975.6	922.2	866.0	809.1	757.8	708.7
-72.5°	925.0	896.1	862.8	828.3	791.4	758.6	722.2	684.3	645.7	606.8	569.8
-75°	715.7	694.8	672.0	646.2	615.0	578.0	550.6	532.1	508.8	480.6	449.7
-77.5°	566.0	550.8	534.5	512.5	489.7	466.1	442.9	420.0	397.3	375.8	356.2
-80°	416.5	409.2	400.2	382.0	363.7	345.6	328.2	314.1	300.9	286.4	268.5
-82.5°	244.5	243.6	241.0	230.8	220.6	210.5	200.6	190.7	180.3	169.4	158.4
-85°	79.0	83.3	86.9	88.6	89.6	89.8	89.3	86.7	83.7	80.2	76.5
-87.5°	17.3	17.4	17.4	18.1	18.7	19.2	19.7	20.6	21.5	22.1	22.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P645437 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-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°	1.1	1.0	1.0	0.9	0.9	0.8	0.7	0.7	0.8	0.8	0.8
85°	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.4	1.5	1.6	1.7
82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	2.0	2.4	2.5
80°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	2.0	2.4	2.8
77.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	2.1	2.5	2.9
75°	1.6	1.6	1.6	1.7	1.7	1.6	1.6	1.7	2.1	2.5	2.9
72.5°	1.6	1.6	1.6	1.8	2.0	2.1	1.9	1.8	2.2	2.5	2.9
70°	1.8	1.7	1.6	1.9	2.3	2.6	2.5	2.5	2.2	2.6	3.0
67.5°	2.4	2.4	2.2	2.2	2.3	2.7	3.1	3.6	3.6	2.7	3.0
65°	2.4	2.8	3.3	4.5	4.0	2.8	3.2	6.3	5.0	4.2	3.0
62.5°	5.3	2.9	10.1	13.5	7.6	6.0	4.8	13.9	8.8	5.9	4.3
60°	12.6	10.3	28.2	45.1	31.5	10.6	15.6	24.2	22.2	7.7	6.0
57.5°	117.2	40.3	58.4	84.4	82.9	45.0	32.8	43.8	37.7	21.7	8.5
55°	250.2	210.5	139.0	127.3	137.5	111.0	72.3	70.9	58.2	40.3	13.8
52.5°	343.2	358.2	311.8	217.8	189.7	180.7	141.1	102.8	91.3	60.5	35.0
50°	496.9	462.7	458.0	384.5	266.0	240.7	208.4	160.6	128.1	86.5	59.2
47.5°	701.9	616.5	571.3	538.3	424.3	306.9	273.3	219.7	168.7	124.7	84.5
45°	1003.0	796.9	709.4	655.8	581.5	431.6	342.0	277.1	219.9	167.3	110.9
42.5°	1305.5	1030.3	867.0	780.5	703.2	572.4	415.5	343.2	269.8	210.8	144.5
40°	1572.3	1271.1	1032.8	921.5	822.7	708.4	534.5	414.0	318.6	255.5	182.7
37.5°	1893.7	1545.1	1223.6	1069.3	950.1	822.0	655.3	487.9	377.4	302.5	221.0
35°	2204.6	1899.9	1437.0	1247.8	1091.9	938.5	771.6	575.2	449.6	350.1	259.2
32.5°	2538.4	2233.6	1759.3	1447.2	1238.6	1057.6	880.3	681.5	522.1	398.4	297.4
30°	2801.2	2453.3	2042.2	1646.8	1398.3	1190.5	988.9	783.4	594.9	447.1	335.9
27.5°	2940.5	2643.4	2265.5	1869.2	1578.0	1326.7	1100.8	880.8	667.5	500.6	376.0
25°	3084.6	2777.2	2425.1	2063.6	1755.4	1470.9	1212.2	973.7	746.8	561.0	415.6
22.5°	3257.0	2891.0	2559.6	2217.7	1938.4	1617.1	1329.0	1067.8	826.1	620.1	454.7
20°	3430.0	2996.7	2692.4	2427.4	2118.0	1775.3	1451.1	1159.5	901.0	677.8	492.8
17.5°	3611.8	3188.7	2917.8	2632.0	2297.0	1928.5	1571.4	1248.4	971.2	733.6	529.9
15°	3927.9	3476.1	3144.8	2831.1	2475.1	2075.9	1688.8	1333.8	1036.7	787.2	564.4
12.5°	4214.9	3743.7	3372.0	3023.6	2650.2	2216.5	1802.1	1415.0	1097.3	829.9	595.2
10°	4452.5	3991.8	3596.6	3208.3	2820.2	2349.2	1910.0	1481.2	1133.7	861.8	623.5
7.5°	4647.0	4221.1	3815.6	3384.2	2966.3	2436.0	1964.4	1519.7	1161.9	889.0	649.3
5°	4787.5	4374.1	3932.0	3445.5	3011.9	2471.6	2001.5	1551.1	1184.6	911.6	672.5
2.5°	4828.0	4421.2	3975.7	3479.0	3042.8	2494.7	2027.9	1575.1	1202.1	930.0	693.1
0°	4851.6	4452.1	4003.0	3499.7	3058.6	2505.7	2043.9	1591.6	1214.5	944.4	711.1
-2.5°	4884.5	4478.8	4029.4	3552.7	3069.1	2539.2	2052.9	1602.4	1230.2	949.6	721.6
-5°	4901.0	4489.2	4042.1	3588.4	3066.3	2559.2	2051.8	1605.8	1240.4	951.4	729.2
-7.5°	4893.8	4485.7	4042.6	3599.6	3052.5	2563.8	2040.6	1602.2	1244.5	950.1	734.0
-10°	4871.7	4467.5	4027.1	3570.7	3039.7	2545.7	2020.8	1592.1	1242.1	946.0	735.8
-12.5°	4838.1	4433.5	3995.6	3529.1	3013.1	2508.4	1997.4	1574.6	1232.0	939.5	734.6
-15°	4794.6	4384.0	3947.7	3476.2	2969.3	2458.7	1962.2	1549.3	1212.5	932.0	730.3
-17.5°	4738.8	4319.5	3883.1	3413.5	2907.7	2397.1	1915.0	1516.3	1188.1	923.0	721.5
-20°	4639.0	4232.9	3801.1	3342.3	2827.7	2324.1	1855.5	1475.6	1159.0	910.1	708.9

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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	4526.9	4125.7	3698.7	3246.1	2731.3	2240.3	1783.5	1427.3	1125.5	893.3	693.8
-25°	4407.4	4005.0	3579.8	3113.1	2624.8	2151.6	1711.4	1371.3	1087.7	872.5	676.3
-27.5°	4267.0	3868.3	3445.0	2966.6	2501.2	2048.7	1642.4	1321.8	1051.1	847.7	656.4
-30°	4109.3	3707.5	3276.6	2810.2	2365.7	1929.7	1564.9	1268.8	1020.2	820.7	634.2
-32.5°	3928.4	3530.3	3090.0	2650.2	2222.5	1803.5	1479.4	1212.2	984.5	792.0	613.7
-35°	3722.6	3324.2	2892.2	2478.3	2070.8	1701.6	1395.8	1152.2	943.9	761.0	592.0
-37.5°	3508.1	3103.0	2694.4	2298.9	1909.6	1591.2	1320.6	1092.8	898.7	727.7	568.1
-40°	3263.3	2875.5	2486.8	2114.0	1770.0	1472.7	1239.2	1034.3	855.9	692.4	542.0
-42.5°	3011.2	2636.7	2270.3	1918.4	1632.2	1376.1	1154.0	971.2	810.8	658.2	513.6
-45°	2739.2	2384.7	2040.0	1753.5	1492.1	1273.9	1079.3	905.9	762.6	623.2	484.3
-47.5°	2452.4	2118.9	1830.8	1581.8	1372.9	1171.2	1000.0	849.3	712.1	585.8	455.0
-50°	2148.5	1871.5	1638.0	1432.5	1244.5	1078.8	920.9	790.2	665.7	544.4	424.2
-52.5°	1879.2	1657.3	1464.1	1288.2	1131.3	981.5	852.8	729.5	617.9	504.8	392.0
-55°	1648.5	1466.6	1303.5	1157.2	1019.0	898.2	782.1	675.5	568.9	465.0	359.5
-57.5°	1449.3	1290.3	1159.8	1032.7	918.6	815.5	717.7	620.4	521.8	423.9	333.6
-60°	1257.9	1139.2	1023.1	920.9	824.3	736.8	656.8	565.3	474.4	382.8	305.1
-62.5°	1092.5	991.3	903.5	814.3	734.1	662.8	595.5	511.5	425.5	344.8	274.0
-65°	937.6	859.8	785.0	713.9	647.4	586.9	532.5	456.3	376.6	304.4	241.7
-67.5°	790.4	731.8	673.1	613.5	561.1	512.1	465.6	396.7	325.4	262.0	209.7
-70°	659.0	608.9	563.0	518.6	476.1	435.3	391.4	333.3	272.0	224.0	176.9
-72.5°	534.9	498.3	460.1	423.7	392.3	356.4	316.0	270.7	227.7	185.3	143.4
-75°	420.0	395.9	369.0	340.1	310.8	278.7	252.0	220.3	182.9	145.8	115.5
-77.5°	336.0	312.5	285.6	262.5	242.9	221.0	196.7	169.2	139.5	113.4	89.3
-80°	247.9	229.9	214.6	201.4	183.2	163.2	143.1	123.1	101.4	81.2	62.6
-82.5°	151.2	147.3	143.1	136.9	121.8	106.9	92.4	78.1	62.7	48.5	40.1
-85°	75.6	74.1	71.8	68.6	59.3	50.2	46.0	41.8	36.6	31.6	26.8
-87.5°	24.9	26.7	28.2	29.3	27.2	25.1	23.0	20.9	18.3	15.8	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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**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°	0.8	0.7	0.6	0.4	0.3	0.2	0.0
85°	1.7	1.4	1.1	0.8	0.6	0.3	0.0
82.5°	2.5	2.1	1.7	1.2	0.8	0.5	0.0
80°	3.2	2.8	2.2	1.7	1.1	0.7	0.0
77.5°	3.2	3.2	2.8	2.1	1.4	0.9	0.0
75°	3.2	3.3	3.2	2.5	1.7	1.0	0.0
72.5°	3.3	3.4	3.4	2.9	2.0	1.2	0.0
70°	3.4	3.6	3.5	3.2	2.3	1.4	0.0
67.5°	3.8	3.7	3.7	3.4	2.5	1.6	0.0
65°	4.3	4.2	3.8	3.5	2.8	1.7	0.0
62.5°	5.0	5.3	4.0	3.7	3.1	1.9	0.0
60°	5.9	6.4	4.2	3.9	3.4	2.1	0.0
57.5°	10.9	7.7	5.4	4.0	3.6	2.2	0.0
55°	17.4	9.1	6.8	4.2	3.8	2.4	0.0
52.5°	25.0	11.6	8.2	4.4	3.9	2.5	0.0
50°	33.7	19.9	9.6	4.6	4.1	2.7	0.0
47.5°	45.4	28.7	11.2	5.0	4.3	2.8	0.0
45°	68.4	38.1	12.8	6.2	4.5	3.0	0.0
42.5°	92.0	48.2	14.4	7.4	4.7	3.1	0.0
40°	116.1	58.9	19.4	9.0	4.9	3.3	0.0
37.5°	140.7	70.1	27.7	10.9	5.1	3.4	0.0
35°	165.7	87.0	36.2	13.0	5.3	3.6	0.0
32.5°	192.8	106.7	44.8	15.4	5.5	3.7	0.0
30°	223.8	126.3	53.4	17.9	5.8	3.8	0.0
27.5°	254.2	145.6	64.1	20.6	6.0	3.9	0.0
25°	283.8	164.6	75.0	23.5	6.2	4.0	0.0
22.5°	312.6	184.0	85.9	26.4	6.4	4.2	0.0
20°	340.4	204.8	96.7	29.5	6.6	4.3	0.0
17.5°	367.9	224.9	107.3	32.6	6.8	4.3	0.0
15°	394.3	244.3	117.7	35.7	7.0	4.4	0.0
12.5°	419.1	262.7	127.7	38.8	7.2	4.5	0.0
10°	442.0	280.1	137.3	41.8	7.4	4.6	0.0
7.5°	463.1	296.4	146.3	44.8	7.5	4.7	0.0
5°	482.2	311.4	154.8	47.6	7.7	4.7	0.0
2.5°	499.4	325.1	162.5	50.3	7.9	4.8	0.0
0°	514.6	337.2	169.4	52.7	8.0	4.8	0.0
-2.5°	522.1	344.9	175.8	56.1	9.3	5.1	0.0
-5°	527.6	350.9	181.3	59.3	10.5	5.3	0.0
-7.5°	531.2	355.4	185.8	62.1	11.7	5.6	0.0
-10°	532.7	358.1	189.2	64.6	12.8	5.8	0.0
-12.5°	532.5	359.2	191.5	66.7	13.9	6.0	0.0
-15°	530.3	358.7	192.5	68.3	15.0	6.2	0.0
-17.5°	526.5	356.6	192.4	69.5	15.9	6.4	0.0
-20°	520.5	352.8	191.0	70.2	16.8	6.6	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	511.8	347.4	188.3	70.4	17.6	6.7	0.0
-25°	501.0	339.1	184.3	70.1	18.3	6.8	0.0
-27.5°	488.3	328.7	179.0	69.3	18.9	6.9	0.0
-30°	473.6	316.8	172.2	67.8	19.4	6.9	0.0
-32.5°	456.9	303.5	164.4	65.9	19.8	6.9	0.0
-35°	438.8	288.9	155.7	63.3	20.1	6.9	0.0
-37.5°	419.4	274.2	146.1	60.1	20.2	6.9	0.0
-40°	398.4	260.9	135.7	56.4	20.2	6.8	0.0
-42.5°	376.1	246.6	127.8	52.3	20.1	6.7	0.0
-45°	352.3	231.5	122.3	48.2	19.9	6.6	0.0
-47.5°	327.2	215.4	116.0	43.6	19.5	6.4	0.0
-50°	306.2	198.5	108.6	42.0	19.0	6.2	0.0
-52.5°	285.1	180.8	100.4	41.2	18.4	6.0	0.0
-55°	263.3	167.4	91.2	39.9	17.7	5.8	0.0
-57.5°	240.7	153.8	81.1	38.1	16.8	5.5	0.0
-60°	217.7	138.9	70.6	36.0	15.9	5.2	0.0
-62.5°	196.7	122.9	65.5	33.4	14.9	4.8	0.0
-65°	174.1	105.7	59.8	30.5	13.9	4.5	0.0
-67.5°	150.2	91.4	53.5	27.2	12.7	4.1	0.0
-70°	125.0	80.0	46.5	23.6	11.5	3.7	0.0
-72.5°	105.7	67.7	39.0	20.8	10.2	3.3	0.0
-75°	86.4	54.7	31.0	18.1	8.9	2.8	0.0
-77.5°	66.1	41.0	25.6	15.2	7.5	2.4	0.0
-80°	45.1	31.2	20.7	12.3	6.0	1.9	0.0
-82.5°	33.1	23.6	15.7	9.3	4.6	1.5	0.0
-85°	22.2	15.8	10.5	6.2	3.1	1.0	0.0
-87.5°	11.1	7.9	5.3	3.1	1.5	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)