

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: P645377 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2C-750-U-LAM-VSR-XX

Issue Date: 2/28/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P645377 (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-SA2C-750-U-LAM-VSR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, LAMBERTIAN WITH VISOR  
Light Source: (32) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

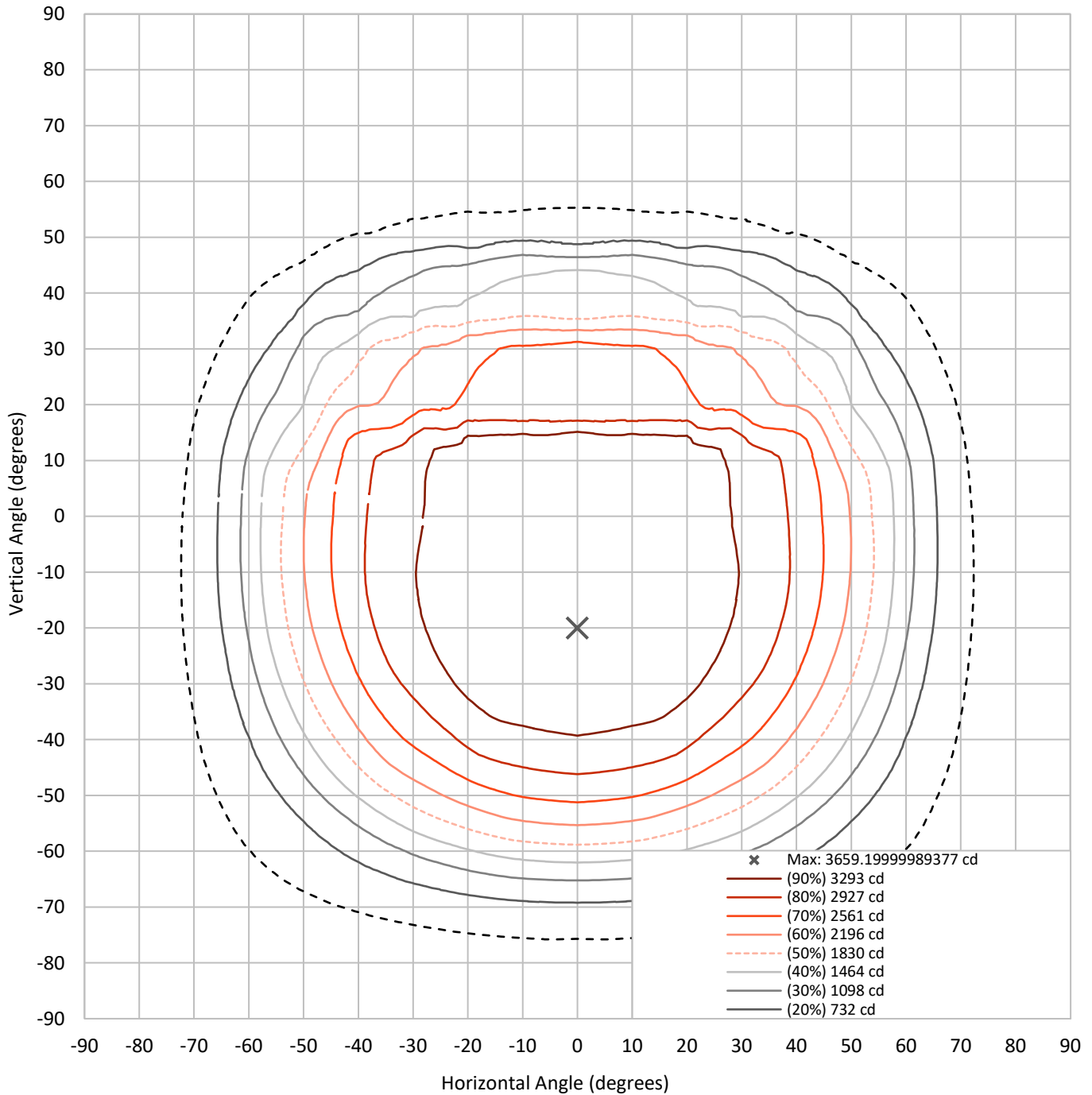
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	8580.2 lumens	Max Intensity:	3659.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	103.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' 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:	6707.5 lumens	Field Lumens:	8409.8 lumens
Beam Efficiency:	78.2%	Field Efficiency:	98.0%
Input Watts (W):	82.6		
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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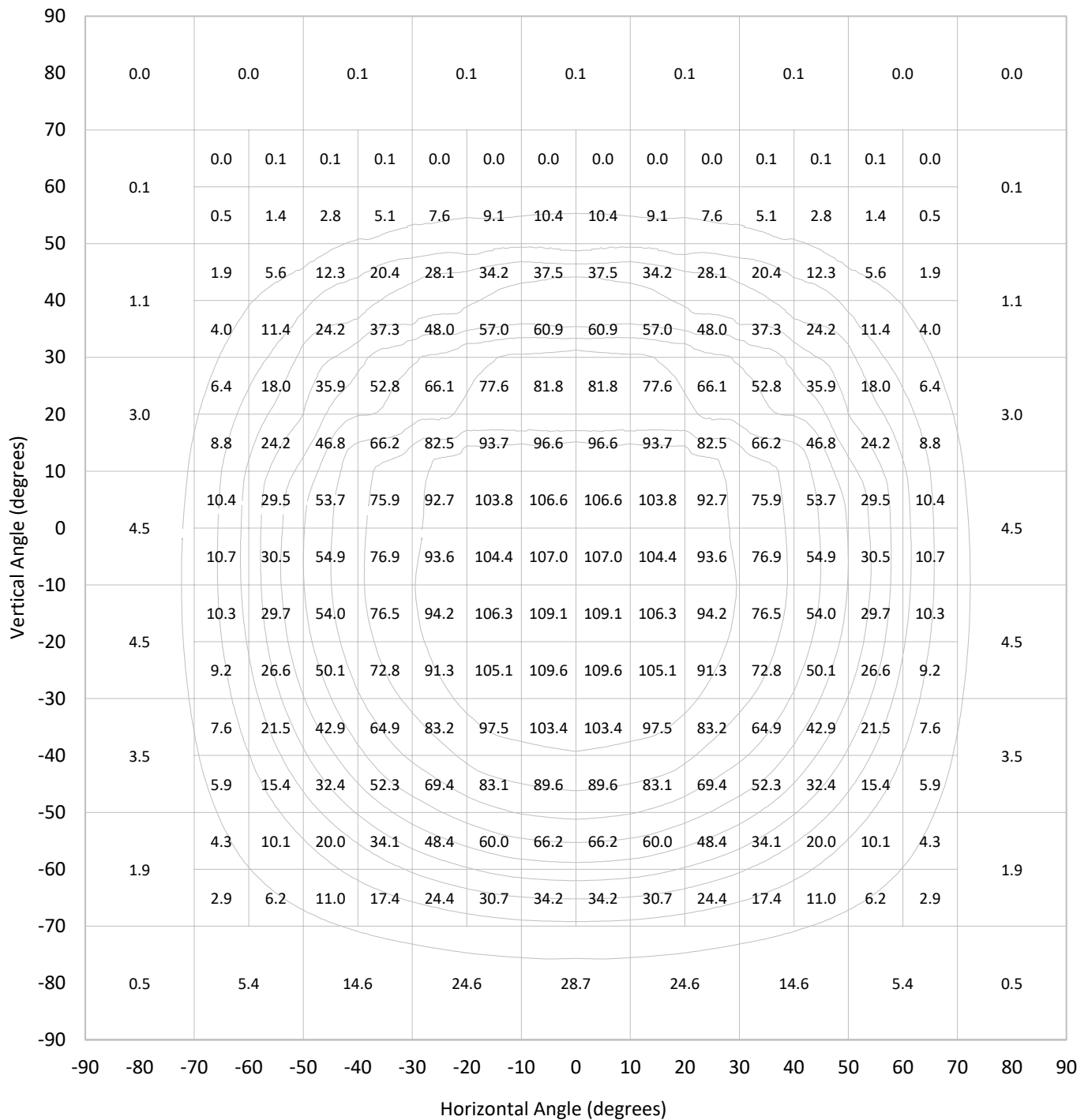
### Iso-Candela Plot





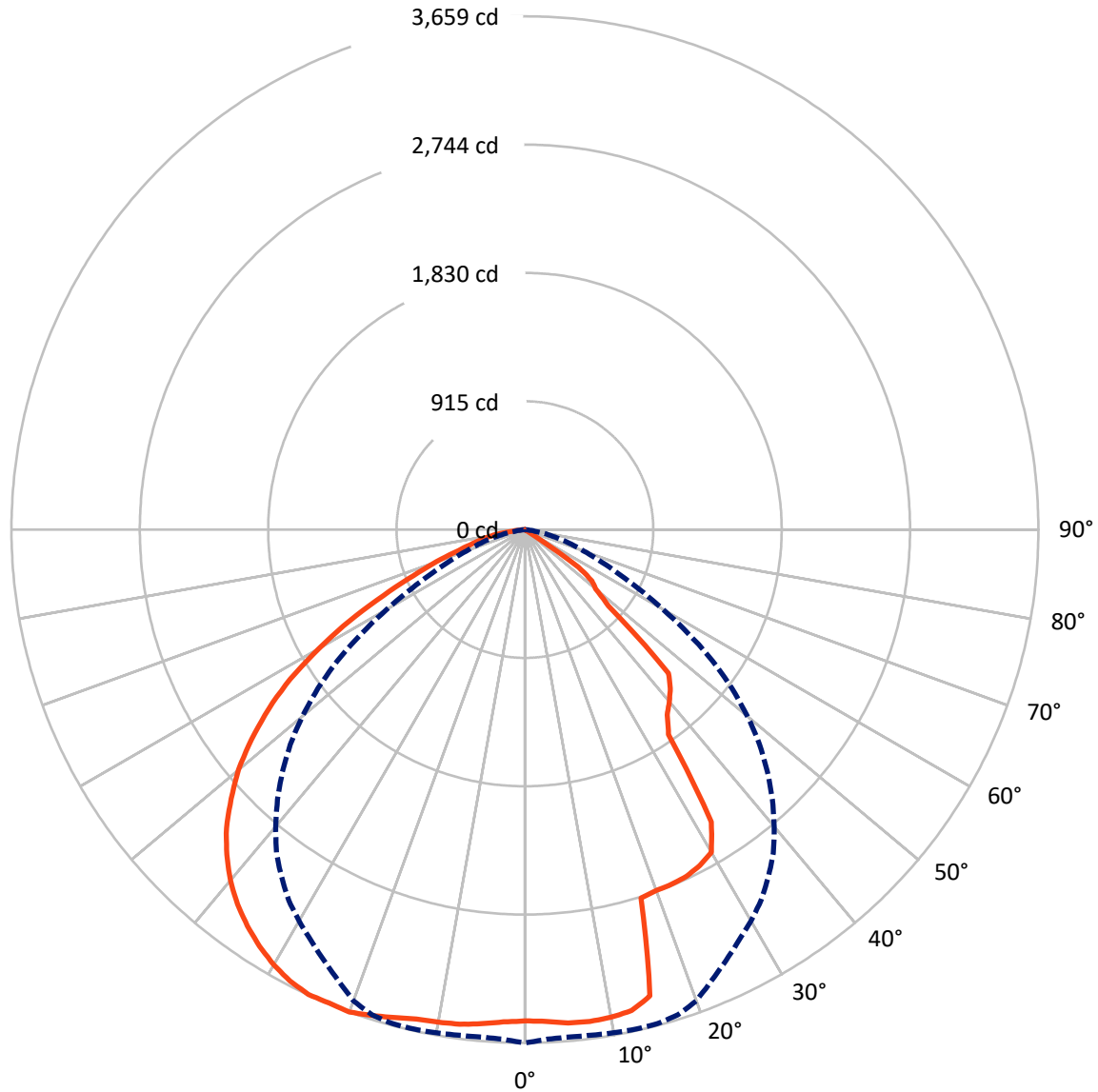
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### Lumen Table



REPORT NUMBER: P645377 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Luminous Intensity Polar Plot

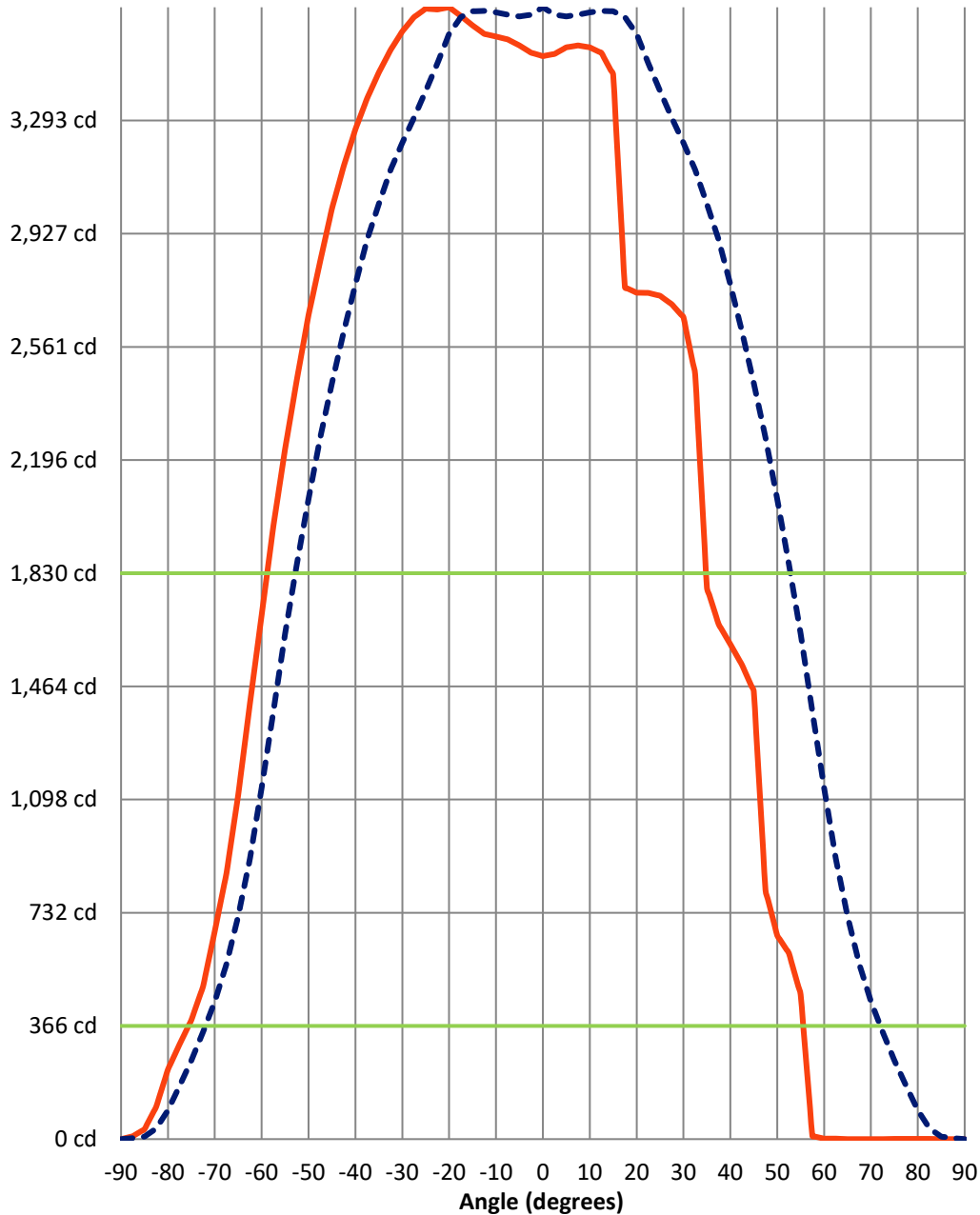


— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through -20-Deg



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 105.6°  
 V Angle: 93.7°  
 Lumens: 6707.5  
 Efficiency: 78.2%

**Field:**  
 H Angle: 144°  
 V Angle: 131.2°  
 Lumens: 8409.8  
 Efficiency: 98.0%

**Spill:**  
 Lumens: 170.4  
 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	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.3
85°	0.0	0.2	0.3	0.4	0.6	0.7	0.8	0.8	0.8	0.8	0.7
82.5°	0.0	0.3	0.4	0.6	0.8	1.0	1.2	1.3	1.2	1.0	0.8
80°	0.0	0.3	0.6	0.8	1.1	1.4	1.6	1.4	1.2	1.0	0.8
77.5°	0.0	0.4	0.7	1.0	1.4	1.6	1.6	1.4	1.2	1.0	0.8
75°	0.0	0.5	0.8	1.2	1.6	1.7	1.6	1.4	1.3	1.1	0.9
72.5°	0.0	0.6	1.0	1.4	1.7	1.7	1.6	1.5	1.3	1.1	0.9
70°	0.0	0.7	1.1	1.6	1.7	1.8	1.7	1.5	1.3	1.1	1.3
67.5°	0.0	0.8	1.3	1.7	1.8	1.8	1.9	1.5	1.3	1.8	1.8
65°	0.0	0.8	1.4	1.8	1.9	2.1	2.1	1.5	2.1	2.5	3.1
62.5°	0.0	0.9	1.5	1.8	2.0	2.6	2.5	2.1	2.9	4.3	6.8
60°	0.0	1.0	1.7	1.9	2.0	3.2	2.9	3.0	3.8	10.9	11.8
57.5°	0.0	1.1	1.8	2.0	2.6	3.8	5.4	4.2	10.6	18.4	21.4
55°	0.0	1.2	1.9	2.0	3.3	4.5	8.5	6.8	19.7	28.4	34.7
52.5°	0.0	1.2	1.9	2.1	4.0	5.7	12.2	17.1	29.5	44.6	50.3
50°	0.0	1.3	2.0	2.2	4.7	9.7	16.5	28.9	42.3	62.6	78.5
47.5°	0.0	1.4	2.1	2.4	5.5	14.0	22.2	41.3	60.9	82.5	107.4
45°	0.0	1.5	2.2	3.0	6.2	18.7	33.4	54.2	81.8	107.5	135.5
42.5°	0.0	1.5	2.3	3.6	7.0	23.6	45.0	70.6	103.1	131.9	167.8
40°	0.0	1.6	2.4	4.4	9.5	28.8	56.8	89.3	125.0	155.8	202.4
37.5°	0.0	1.7	2.5	5.3	13.6	34.3	68.8	108.0	147.9	184.5	238.5
35°	0.0	1.7	2.6	6.4	17.7	42.6	81.0	126.8	171.2	219.8	281.2
32.5°	0.0	1.8	2.7	7.5	21.9	52.2	94.2	145.4	194.8	255.2	333.1
30°	0.0	1.8	2.8	8.7	26.1	61.7	109.4	164.2	218.6	290.8	383.0
27.5°	0.0	1.9	2.9	10.1	31.3	71.2	124.2	183.8	244.7	326.3	430.6
25°	0.0	2.0	3.0	11.5	36.7	80.5	138.7	203.2	274.2	365.1	476.0
22.5°	0.0	2.0	3.1	12.9	42.0	89.9	152.8	222.3	303.2	403.9	522.0
20°	0.0	2.0	3.2	14.4	47.3	100.1	166.4	240.9	331.3	440.4	566.8
17.5°	0.0	2.1	3.3	15.9	52.5	109.9	179.8	259.1	358.6	474.8	610.3
15°	0.0	2.1	3.4	17.5	57.5	119.4	192.8	275.9	384.8	506.8	652.0
12.5°	0.0	2.2	3.5	19.0	62.4	128.4	204.9	291.0	405.7	536.4	691.7
10°	0.0	2.2	3.6	20.5	67.1	136.9	216.1	304.8	421.3	554.2	724.1
7.5°	0.0	2.2	3.7	21.9	71.5	144.9	226.4	317.4	434.6	568.0	742.9
5°	0.0	2.3	3.7	23.3	75.7	152.2	235.8	328.7	445.7	579.1	758.3
2.5°	0.0	2.3	3.8	24.6	79.4	158.9	244.2	338.8	454.7	587.6	770.0
0°	0.0	2.3	3.9	25.8	82.8	164.8	251.6	347.6	461.7	593.7	778.1
-2.5°	0.0	2.4	4.5	27.5	86.0	168.6	255.3	352.7	464.2	601.4	783.4
-5°	0.0	2.6	5.1	29.0	88.6	171.5	258.0	356.5	465.1	606.4	785.0
-7.5°	0.0	2.7	5.7	30.4	90.8	173.7	259.7	358.8	464.5	608.4	783.3
-10°	0.0	2.8	6.3	31.6	92.5	175.0	260.4	359.7	462.5	607.2	778.3
-12.5°	0.0	2.9	6.8	32.6	93.6	175.6	260.3	359.2	459.3	602.3	769.8
-15°	0.0	3.0	7.3	33.4	94.1	175.3	259.3	357.1	455.7	592.8	757.4
-17.5°	0.0	3.1	7.8	34.0	94.1	174.3	257.4	352.7	451.2	580.8	741.2
-20°	0.0	3.2	8.2	34.3	93.4	172.4	254.4	346.6	444.9	566.6	721.3

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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	3.2	8.6	34.4	92.1	169.8	250.2	339.2	436.7	550.2	697.7
-25°	0.0	3.3	9.0	34.3	90.1	165.7	244.9	330.6	426.6	531.8	670.4
-27.5°	0.0	3.3	9.2	33.8	87.5	160.7	238.7	320.9	414.5	513.9	646.1
-30°	0.0	3.4	9.5	33.1	84.2	154.9	231.5	310.1	401.2	498.8	620.3
-32.5°	0.0	3.4	9.7	32.2	80.4	148.4	223.3	300.0	387.2	481.3	592.6
-35°	0.0	3.4	9.8	30.9	76.1	141.3	214.5	289.4	372.0	461.5	563.3
-37.5°	0.0	3.3	9.9	29.4	71.4	134.1	205.0	277.7	355.8	439.3	534.2
-40°	0.0	3.3	9.9	27.6	66.3	127.6	194.8	264.9	338.5	418.4	505.6
-42.5°	0.0	3.3	9.8	25.6	62.4	120.6	183.9	251.1	321.8	396.4	474.8
-45°	0.0	3.2	9.7	23.6	59.8	113.2	172.3	236.8	304.7	372.8	442.8
-47.5°	0.0	3.1	9.5	21.3	56.7	105.3	160.0	222.4	286.4	348.1	415.2
-50°	0.0	3.0	9.3	20.5	53.1	97.0	149.7	207.4	266.1	325.5	386.3
-52.5°	0.0	2.9	9.0	20.1	49.1	88.4	139.4	191.7	246.8	302.1	356.6
-55°	0.0	2.8	8.6	19.5	44.6	81.8	128.7	175.8	227.4	278.1	330.3
-57.5°	0.0	2.7	8.2	18.7	39.7	75.2	117.7	163.1	207.3	255.1	303.3
-60°	0.0	2.5	7.8	17.6	34.5	67.9	106.4	149.2	187.2	231.9	276.4
-62.5°	0.0	2.4	7.3	16.3	32.1	60.1	96.1	134.0	168.6	208.1	250.0
-65°	0.0	2.2	6.8	14.9	29.3	51.7	85.1	118.2	148.9	184.1	223.1
-67.5°	0.0	2.0	6.2	13.3	26.2	44.7	73.5	102.5	128.1	159.1	193.9
-70°	0.0	1.8	5.6	11.5	22.7	39.1	61.1	86.5	109.5	133.0	163.0
-72.5°	0.0	1.6	5.0	10.2	19.1	33.1	51.7	70.1	90.6	111.3	132.4
-75°	0.0	1.4	4.3	8.8	15.2	26.7	42.3	56.5	71.3	89.4	107.7
-77.5°	0.0	1.2	3.7	7.5	12.5	20.1	32.4	43.7	55.4	68.2	82.7
-80°	0.0	0.9	3.0	6.0	10.1	15.3	22.1	30.6	39.7	49.6	60.1
-82.5°	0.0	0.7	2.2	4.5	7.7	11.6	16.2	19.6	23.7	30.7	38.2
-85°	0.0	0.5	1.5	3.0	5.1	7.7	10.9	13.1	15.5	17.9	20.4
-87.5°	0.0	0.2	0.7	1.5	2.6	3.9	5.5	6.6	7.7	9.0	10.2
-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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 CATALOG NUMBER: GFLD-SA2C-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°	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6
85°	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
82.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
80°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
77.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
75°	0.8	0.8	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
72.5°	0.9	1.0	1.0	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8
70°	1.3	1.3	1.1	0.9	0.8	0.8	0.9	0.9	0.8	0.8	0.8
67.5°	1.5	1.4	1.2	1.1	1.1	1.2	1.2	1.0	0.8	0.8	0.8
65°	1.6	1.4	2.0	2.2	1.7	1.4	1.2	1.0	1.1	1.1	1.2
62.5°	2.4	2.9	3.7	6.6	5.0	1.5	2.6	3.1	2.3	1.9	2.0
60°	7.6	5.2	15.4	22.1	13.8	5.1	6.2	20.4	17.7	3.2	11.0
57.5°	16.0	22.0	40.6	41.3	28.6	19.7	57.3	66.2	50.1	29.2	44.7
55°	35.3	54.3	67.3	62.3	68.0	103.0	122.3	109.9	92.5	142.3	181.8
52.5°	69.0	88.4	92.7	106.5	152.4	175.1	167.8	179.4	232.7	289.0	301.2
50°	101.9	117.7	130.0	188.0	223.9	226.2	242.9	295.6	366.7	401.2	392.8
47.5°	133.6	150.0	207.4	263.1	279.3	301.4	343.1	445.0	520.2	521.7	513.2
45°	167.2	211.0	284.2	320.6	346.8	389.6	490.3	630.9	638.1	658.5	784.1
42.5°	203.1	279.8	343.8	381.6	423.9	503.7	638.2	730.4	762.1	851.4	952.4
40°	261.3	346.3	402.2	450.5	504.9	621.4	768.7	855.0	880.8	958.2	1034.0
37.5°	320.3	401.8	464.5	522.7	598.1	755.4	925.8	997.0	1010.1	1024.2	1192.4
35°	377.2	458.8	533.8	610.0	702.5	928.8	1077.8	1144.8	1142.7	1238.2	1414.3
32.5°	430.4	517.1	605.5	707.5	860.1	1092.0	1241.0	1281.1	1341.9	1480.8	1721.2
30°	483.4	582.0	683.6	805.0	998.4	1199.3	1369.4	1434.0	1538.1	1696.7	1871.7
27.5°	538.1	648.6	771.4	913.8	1107.5	1292.2	1437.5	1591.7	1692.9	1835.0	1959.5
25°	592.6	719.1	858.1	1008.8	1185.5	1357.7	1508.0	1686.0	1794.7	1909.2	2025.3
22.5°	649.7	790.6	947.6	1084.1	1251.3	1413.3	1592.2	1785.3	1926.7	1999.4	2077.4
20°	709.4	867.9	1035.4	1186.7	1316.2	1465.0	1676.8	1911.4	2093.9	2175.8	2186.5
17.5°	768.2	942.8	1122.9	1286.7	1426.4	1558.9	1765.7	2062.5	2289.4	2365.6	2399.4
15°	825.6	1014.9	1210.0	1384.0	1537.4	1699.4	1920.2	2222.1	2481.5	2565.7	2619.1
12.5°	881.0	1083.6	1295.6	1478.1	1648.5	1830.2	2060.5	2336.9	2573.6	2736.6	2834.5
10°	933.8	1148.5	1378.8	1568.4	1758.3	1951.4	2176.7	2422.4	2615.1	2772.4	2911.2
7.5°	960.4	1190.9	1450.2	1654.4	1865.3	2063.5	2271.8	2482.7	2645.0	2799.2	2933.5
5°	978.5	1208.3	1472.5	1684.4	1922.2	2138.3	2340.5	2522.3	2664.5	2817.4	2948.5
2.5°	991.4	1219.6	1487.6	1700.8	1943.6	2161.3	2360.3	2535.5	2680.6	2830.4	2964.6
0°	999.2	1225.0	1495.3	1710.9	1957.0	2176.5	2371.8	2540.5	2691.3	2836.6	2981.1
-2.5°	1003.6	1241.4	1500.4	1736.8	1969.9	2189.5	2387.9	2552.6	2710.1	2848.4	2993.3
-5°	1003.0	1251.1	1499.1	1754.2	1976.1	2194.6	2395.9	2558.1	2720.4	2857.3	2998.2
-7.5°	997.6	1253.4	1492.3	1759.7	1976.3	2192.9	2392.4	2560.7	2720.2	2865.4	2998.7
-10°	987.9	1244.5	1486.0	1745.5	1968.7	2184.0	2381.6	2554.9	2713.9	2863.8	2996.2
-12.5°	976.4	1226.2	1473.0	1725.2	1953.3	2167.4	2365.2	2540.3	2702.0	2851.5	2990.2
-15°	959.2	1201.9	1451.6	1699.4	1929.9	2143.2	2343.9	2516.4	2683.7	2830.1	2972.5
-17.5°	936.1	1171.8	1421.5	1668.7	1898.3	2111.7	2316.6	2484.9	2651.3	2802.6	2940.0
-20°	907.0	1136.2	1382.4	1633.9	1858.2	2069.3	2267.8	2444.1	2609.4	2763.3	2907.7



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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°	871.9	1095.1	1335.3	1586.9	1808.1	2016.9	2213.1	2392.1	2563.4	2712.3	2866.1
-25°	836.6	1051.8	1283.2	1521.9	1750.0	1957.9	2154.6	2329.1	2504.2	2659.0	2805.2
-27.5°	802.9	1001.5	1222.7	1450.3	1684.2	1891.1	2086.0	2260.6	2430.6	2599.9	2740.6
-30°	765.0	943.3	1156.5	1373.8	1601.8	1812.5	2008.9	2190.1	2351.8	2519.0	2670.1
-32.5°	723.2	881.6	1086.5	1295.6	1510.6	1725.9	1920.5	2100.4	2268.7	2426.8	2585.4
-35°	682.3	831.8	1012.3	1211.6	1413.9	1625.1	1819.9	1998.1	2172.7	2329.3	2480.9
-37.5°	645.6	777.8	933.5	1123.8	1317.2	1517.0	1715.0	1887.6	2053.8	2225.9	2373.7
-40°	605.8	719.9	865.3	1033.5	1215.7	1405.7	1595.4	1773.8	1930.1	2100.2	2262.7
-42.5°	564.1	672.7	797.9	937.8	1109.9	1289.0	1472.1	1646.7	1808.9	1969.4	2130.5
-45°	527.6	622.8	729.4	857.2	997.3	1165.8	1339.1	1513.2	1668.8	1821.8	1980.9
-47.5°	488.8	572.6	671.2	773.3	895.0	1035.9	1198.8	1359.4	1518.8	1664.3	1805.1
-50°	450.2	527.4	608.4	700.3	800.8	914.9	1050.3	1199.5	1345.1	1494.6	1634.0
-52.5°	416.9	479.8	553.0	629.7	715.7	810.2	918.7	1041.2	1173.7	1300.5	1439.6
-55°	382.4	439.1	498.2	565.7	637.3	717.0	805.9	908.9	1009.9	1127.2	1240.8
-57.5°	350.8	398.7	449.1	504.8	567.0	630.8	708.5	788.6	880.3	971.5	1061.4
-60°	321.1	360.2	403.0	450.2	500.2	557.0	615.0	683.8	757.6	830.3	906.6
-62.5°	291.1	324.0	358.9	398.1	441.7	484.6	534.1	587.1	641.5	703.1	763.3
-65°	260.3	286.9	316.5	349.0	383.8	420.3	458.4	497.6	543.8	589.0	632.8
-67.5°	227.6	250.4	274.3	299.9	329.1	357.8	386.4	419.6	453.6	487.1	521.7
-70°	191.4	212.8	232.7	253.5	275.2	297.7	322.1	346.5	370.5	395.5	423.3
-72.5°	154.5	174.2	191.8	207.1	224.9	243.6	261.5	278.5	296.6	315.7	334.5
-75°	123.2	136.3	151.9	166.2	180.4	193.5	205.3	219.8	234.9	248.7	260.1
-77.5°	96.2	108.0	118.7	128.3	139.6	152.8	164.3	174.2	183.7	194.2	205.3
-80°	69.9	79.8	89.6	98.4	104.9	112.4	121.2	131.3	140.0	147.1	153.6
-82.5°	45.2	52.3	59.5	66.9	69.9	72.0	73.9	77.5	82.8	88.2	93.3
-85°	22.5	24.6	29.0	33.5	35.1	36.2	37.0	37.4	39.2	40.9	42.4
-87.5°	11.3	12.3	13.3	14.3	13.8	13.1	12.1	11.0	10.8	10.5	10.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**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	0.7	0.7	0.7	0.7	0.6	0.4	0.2	0.0	0.0	0.0
85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.6	0.4
82.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
80°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
77.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
72.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
70°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
67.5°	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.5
65°	1.1	1.1	1.2	1.1	1.0	0.9	1.0	1.0	0.9	0.7	0.5
62.5°	2.0	2.2	1.8	1.7	1.7	1.7	1.6	1.5	1.4	1.4	1.4
60°	12.2	7.2	4.2	4.9	4.4	2.9	3.7	4.4	4.5	4.1	3.6
57.5°	67.9	50.7	37.5	89.6	89.9	42.9	51.7	81.3	66.9	22.0	20.4
55°	188.9	225.9	297.3	282.4	287.0	330.1	360.5	319.1	312.8	333.3	385.1
52.5°	339.4	374.7	398.7	421.1	448.5	477.9	508.2	527.5	545.5	564.7	576.1
50°	433.4	483.1	517.3	504.7	575.5	604.4	575.0	601.3	633.4	642.2	646.3
47.5°	639.9	712.9	727.3	774.4	816.6	815.7	779.9	782.0	877.4	961.6	1002.9
45°	919.7	922.1	968.0	1051.0	1110.4	1091.7	1141.8	1255.6	1293.5	1330.1	1360.1
42.5°	1028.6	1073.8	1147.0	1220.4	1264.7	1303.0	1340.1	1381.9	1431.1	1471.0	1502.9
40°	1134.2	1170.5	1245.5	1304.6	1341.3	1377.1	1420.3	1466.6	1511.7	1546.7	1570.7
37.5°	1296.6	1324.8	1343.1	1397.9	1467.2	1435.2	1517.2	1576.0	1602.8	1638.4	1641.7
35°	1542.3	1523.5	1499.3	1717.6	1730.7	1656.9	1733.6	1824.7	1776.7	1876.7	1930.5
32.5°	1760.2	1757.4	1948.0	2062.8	1996.7	2050.7	2227.4	2219.5	2337.3	2392.0	2376.4
30°	1965.4	2035.4	2145.6	2231.1	2242.6	2327.6	2406.1	2474.9	2546.0	2609.7	2614.1
27.5°	2069.6	2160.9	2235.8	2285.3	2340.5	2412.0	2483.2	2560.7	2621.1	2661.1	2670.9
25°	2132.6	2225.9	2282.6	2335.9	2396.8	2458.6	2538.3	2622.6	2671.2	2695.8	2703.7
22.5°	2188.2	2272.0	2333.0	2376.2	2441.8	2508.2	2582.6	2653.9	2706.7	2717.4	2721.3
20°	2241.7	2322.2	2424.0	2487.6	2484.5	2559.3	2630.9	2687.7	2731.6	2731.4	2732.4
17.5°	2396.4	2425.1	2609.8	2750.0	2680.6	2644.0	2840.9	2844.6	2856.4	2833.1	2782.7
15°	2625.4	2677.8	2904.6	3056.6	3008.8	3006.3	3290.8	3220.3	3281.0	3265.1	3333.4
12.5°	2868.1	2930.1	3099.6	3248.9	3320.0	3337.5	3432.5	3521.6	3539.8	3532.6	3519.1
10°	3033.4	3121.8	3189.8	3280.4	3352.1	3425.3	3480.4	3544.3	3565.2	3553.1	3536.0
7.5°	3054.9	3142.3	3222.2	3301.7	3370.0	3428.9	3486.1	3538.1	3559.4	3552.4	3540.6
5°	3068.6	3147.7	3225.2	3305.8	3371.2	3425.8	3482.7	3535.4	3548.0	3539.6	3528.1
2.5°	3077.1	3150.3	3225.0	3305.3	3364.6	3416.6	3474.2	3530.5	3530.4	3526.7	3520.0
0°	3081.1	3154.6	3241.3	3313.9	3380.3	3429.6	3486.6	3541.3	3537.4	3527.2	3515.5
-2.5°	3089.9	3164.3	3252.8	3313.0	3387.9	3433.0	3491.9	3539.3	3537.4	3532.4	3526.6
-5°	3097.7	3181.4	3264.2	3327.6	3402.6	3461.6	3520.1	3557.2	3559.1	3552.1	3542.4
-7.5°	3102.5	3195.3	3274.3	3337.9	3410.7	3479.2	3538.6	3577.5	3578.3	3569.1	3557.4
-10°	3100.9	3198.9	3280.2	3345.9	3420.4	3488.1	3550.3	3599.5	3597.9	3589.1	3579.2
-12.5°	3095.1	3192.9	3276.4	3342.3	3426.9	3496.6	3566.5	3615.5	3618.1	3611.5	3600.8
-15°	3082.2	3183.2	3264.4	3336.4	3419.3	3500.8	3572.6	3626.7	3636.3	3630.9	3622.4
-17.5°	3056.8	3163.3	3249.5	3327.1	3406.6	3493.5	3575.1	3634.2	3647.4	3645.3	3638.2
-20°	3023.3	3133.3	3220.7	3302.0	3388.7	3478.1	3573.2	3627.2	3646.3	3647.5	3642.8



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2985.8	3093.5	3186.2	3266.1	3360.1	3450.6	3536.7	3600.0	3632.1	3638.1	3638.5
-25°	2940.8	3051.4	3143.6	3228.7	3316.1	3409.6	3496.6	3567.2	3599.8	3615.3	3620.2
-27.5°	2877.2	2991.6	3082.3	3172.2	3261.1	3357.7	3449.1	3525.9	3552.5	3573.8	3582.4
-30°	2802.8	2915.8	3008.3	3090.5	3192.2	3290.7	3385.1	3452.1	3492.1	3516.6	3530.0
-32.5°	2717.2	2831.3	2928.4	3014.2	3110.8	3209.3	3298.1	3368.8	3423.9	3452.2	3466.5
-35°	2624.3	2740.8	2842.4	2932.9	3023.9	3117.7	3209.7	3283.7	3346.5	3370.7	3388.7
-37.5°	2512.2	2640.8	2745.0	2838.3	2924.8	3013.0	3108.8	3193.3	3254.2	3277.8	3296.7
-40°	2397.4	2521.6	2626.7	2726.2	2811.7	2908.1	3000.3	3089.0	3141.9	3169.3	3190.7
-42.5°	2276.1	2388.4	2488.3	2585.0	2680.2	2779.4	2871.6	2963.7	3009.4	3042.5	3068.8
-45°	2136.2	2240.7	2337.7	2428.2	2526.4	2623.9	2716.1	2797.5	2851.9	2895.0	2928.5
-47.5°	1949.6	2076.9	2174.3	2260.4	2357.7	2451.7	2541.1	2617.7	2677.3	2727.7	2766.7
-50°	1760.1	1882.2	1992.2	2088.8	2179.1	2266.1	2351.1	2426.0	2489.2	2543.8	2583.3
-52.5°	1573.4	1687.9	1797.0	1896.8	1983.5	2065.6	2143.5	2218.8	2285.5	2343.9	2382.0
-55°	1362.6	1481.1	1589.0	1682.1	1768.8	1849.9	1926.8	1998.2	2063.8	2123.3	2159.9
-57.5°	1164.7	1268.7	1369.1	1455.0	1536.8	1614.2	1687.0	1755.4	1818.5	1874.5	1909.7
-60°	982.9	1058.7	1145.1	1224.4	1296.9	1362.7	1430.7	1494.5	1552.5	1601.7	1634.5
-62.5°	822.1	885.0	947.4	1007.7	1066.5	1125.6	1182.5	1235.4	1283.9	1324.2	1353.0
-65°	678.9	729.4	774.5	817.3	858.1	904.7	948.0	988.7	1026.3	1057.3	1079.2
-67.5°	559.0	594.5	625.7	655.0	687.2	720.1	751.0	777.9	800.9	819.2	833.7
-70°	450.8	476.9	500.5	523.9	547.3	568.7	589.2	609.0	627.8	643.1	654.6
-72.5°	353.0	370.9	386.9	404.9	421.8	438.1	452.2	463.7	472.5	481.1	488.7
-75°	269.2	282.6	300.6	315.9	328.5	339.6	349.9	359.0	367.0	374.1	380.4
-77.5°	216.5	227.9	239.4	250.5	261.2	269.2	276.7	284.1	291.4	297.7	303.3
-80°	160.5	168.9	177.8	186.7	195.6	200.0	203.6	206.8	209.7	213.5	217.0
-82.5°	98.1	102.9	107.8	112.8	117.8	119.1	119.5	119.4	118.8	117.4	115.4
-85°	43.6	43.9	43.8	43.3	42.5	40.7	38.6	36.2	33.5	33.0	32.5
-87.5°	9.6	9.4	9.1	8.9	8.5	8.5	8.5	8.4	8.3	8.6	8.9
-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):**

	-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	0.7	0.7
82.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
80°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
77.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
72.5°	0.8	0.8	0.4	0.0	0.4	0.8	0.8	0.8	0.8	0.8	0.8
70°	0.8	0.8	0.4	0.0	0.4	0.8	0.8	0.8	0.8	0.8	0.8
67.5°	0.3	0.1	0.0	0.0	0.0	0.1	0.3	0.5	0.7	0.8	0.8
65°	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.7	0.9	1.0
62.5°	1.5	1.5	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.4	1.5
60°	2.9	1.9	1.6	1.6	1.6	1.9	2.9	3.6	4.1	4.5	4.4
57.5°	17.2	12.9	11.0	10.2	11.0	12.9	17.2	20.4	22.0	66.9	81.3
55°	422.2	443.7	459.8	467.2	459.8	443.7	422.2	385.1	333.3	312.8	319.1
52.5°	586.2	595.6	601.0	600.8	601.0	595.6	586.2	576.1	564.7	545.5	527.5
50°	653.4	657.9	659.6	658.6	659.6	657.9	653.4	646.3	642.2	633.4	601.3
47.5°	965.2	881.6	820.2	805.4	820.2	881.6	965.2	1002.9	961.6	877.4	782.0
45°	1374.6	1406.3	1437.8	1447.6	1437.8	1406.3	1374.6	1360.1	1330.1	1293.5	1255.6
42.5°	1516.4	1526.7	1532.5	1532.8	1532.5	1526.7	1516.4	1502.9	1471.0	1431.1	1381.9
40°	1584.0	1593.8	1599.4	1599.9	1599.4	1593.8	1584.0	1570.7	1546.7	1511.7	1466.6
37.5°	1645.5	1653.8	1659.2	1664.8	1659.2	1653.8	1645.5	1641.7	1638.4	1602.8	1576.0
35°	1923.2	1860.3	1769.8	1783.5	1769.8	1860.3	1923.2	1930.5	1876.7	1776.7	1824.7
32.5°	2400.7	2427.2	2443.7	2471.8	2443.7	2427.2	2400.7	2376.4	2392.0	2337.3	2219.5
30°	2621.0	2629.8	2643.0	2656.9	2643.0	2629.8	2621.0	2614.1	2609.7	2546.0	2474.9
27.5°	2676.0	2685.0	2693.1	2699.1	2693.1	2685.0	2676.0	2670.9	2661.1	2621.1	2560.7
25°	2704.8	2710.4	2719.0	2726.5	2719.0	2710.4	2704.8	2703.7	2695.8	2671.2	2622.6
22.5°	2719.1	2719.6	2726.3	2735.8	2726.3	2719.6	2719.1	2721.3	2717.4	2706.7	2653.9
20°	2728.9	2723.5	2730.5	2736.6	2730.5	2723.5	2728.9	2732.4	2731.4	2731.6	2687.7
17.5°	2853.8	2782.5	2753.2	2753.8	2753.2	2782.5	2853.8	2782.7	2833.1	2856.4	2844.6
15°	3256.7	3283.4	3385.9	3441.3	3385.9	3283.4	3256.7	3333.4	3265.1	3281.0	3220.3
12.5°	3516.7	3507.2	3495.0	3511.6	3495.0	3507.2	3516.7	3519.1	3532.6	3539.8	3521.6
10°	3528.8	3527.6	3505.9	3529.6	3505.9	3527.6	3528.8	3536.0	3553.1	3565.2	3544.3
7.5°	3521.3	3522.0	3512.8	3535.8	3512.8	3522.0	3521.3	3540.6	3552.4	3559.4	3538.1
5°	3526.2	3510.4	3516.4	3529.6	3516.4	3510.4	3526.2	3528.1	3539.6	3548.0	3535.4
2.5°	3512.6	3510.9	3499.3	3508.5	3499.3	3510.9	3512.6	3520.0	3526.7	3530.4	3530.5
0°	3502.2	3493.6	3493.6	3501.4	3493.6	3493.6	3502.2	3515.5	3527.2	3537.4	3541.3
-2.5°	3520.7	3518.9	3517.8	3512.4	3517.8	3518.9	3520.7	3526.6	3532.4	3537.4	3539.3
-5°	3535.8	3531.3	3518.5	3535.8	3518.5	3531.3	3535.8	3542.4	3552.1	3559.1	3557.2
-7.5°	3552.2	3540.4	3528.2	3555.3	3528.2	3540.4	3552.2	3557.4	3569.1	3578.3	3577.5
-10°	3567.1	3550.0	3538.2	3564.7	3538.2	3550.0	3567.1	3579.2	3589.1	3597.9	3599.5
-12.5°	3586.8	3566.8	3558.9	3573.3	3558.9	3566.8	3586.8	3600.8	3611.5	3618.1	3615.5
-15°	3607.9	3594.0	3592.2	3600.6	3592.2	3594.0	3607.9	3622.4	3630.9	3636.3	3626.7
-17.5°	3626.4	3616.6	3621.5	3631.1	3621.5	3616.6	3626.4	3638.2	3645.3	3647.4	3634.2
-20°	3635.2	3629.8	3635.2	3659.2	3635.2	3629.8	3635.2	3642.8	3647.5	3646.3	3627.2



REPORT NUMBER: P645377 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-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°	3634.5	3634.8	3644.3	3652.2	3644.3	3634.8	3634.5	3638.5	3638.1	3632.1	3600.0
-25°	3620.6	3627.9	3638.9	3654.6	3638.9	3627.9	3620.6	3620.2	3615.3	3599.8	3567.2
-27.5°	3587.1	3599.2	3610.7	3627.2	3610.7	3599.2	3587.1	3582.4	3573.8	3552.5	3525.9
-30°	3538.8	3553.2	3563.4	3581.1	3563.4	3553.2	3538.8	3530.0	3516.6	3492.1	3452.1
-32.5°	3479.9	3496.3	3508.3	3521.0	3508.3	3496.3	3479.9	3466.5	3452.2	3423.9	3368.8
-35°	3406.4	3424.0	3436.8	3448.3	3436.8	3424.0	3406.4	3388.7	3370.7	3346.5	3283.7
-37.5°	3317.9	3336.9	3351.6	3364.7	3351.6	3336.9	3317.9	3296.7	3277.8	3254.2	3193.3
-40°	3215.0	3234.5	3250.1	3264.7	3250.1	3234.5	3215.0	3190.7	3169.3	3141.9	3089.0
-42.5°	3094.6	3114.2	3130.4	3145.2	3130.4	3114.2	3094.6	3068.8	3042.5	3009.4	2963.7
-45°	2955.5	2975.8	2992.8	3008.5	2992.8	2975.8	2955.5	2928.5	2895.0	2851.9	2797.5
-47.5°	2795.4	2817.0	2831.7	2839.0	2831.7	2817.0	2795.4	2766.7	2727.7	2677.3	2617.7
-50°	2611.9	2633.5	2651.0	2664.0	2651.0	2633.5	2611.9	2583.3	2543.8	2489.2	2426.0
-52.5°	2409.9	2430.4	2445.5	2454.6	2445.5	2430.4	2409.9	2382.0	2343.9	2285.5	2218.8
-55°	2188.6	2210.2	2224.5	2231.2	2224.5	2210.2	2188.6	2159.9	2123.3	2063.8	1998.2
-57.5°	1937.7	1958.1	1973.4	1982.0	1973.4	1958.1	1937.7	1909.7	1874.5	1818.5	1755.4
-60°	1660.1	1678.4	1690.0	1694.5	1690.0	1678.4	1660.1	1634.5	1601.7	1552.5	1494.5
-62.5°	1376.2	1393.6	1404.3	1408.5	1404.3	1393.6	1376.2	1353.0	1324.2	1283.9	1235.4
-65°	1095.5	1106.4	1112.4	1113.2	1112.4	1106.4	1095.5	1079.2	1057.3	1026.3	988.7
-67.5°	845.1	853.4	858.4	860.1	858.4	853.4	845.1	833.7	819.2	800.9	777.9
-70°	663.2	668.9	672.1	672.6	672.1	668.9	663.2	654.6	643.1	627.8	609.0
-72.5°	494.4	498.5	497.0	493.7	497.0	498.5	494.4	488.7	481.1	472.5	463.7
-75°	385.7	390.2	388.3	385.1	388.3	390.2	385.7	380.4	374.1	367.0	359.0
-77.5°	308.1	312.3	310.2	307.0	310.2	312.3	308.1	303.3	297.7	291.4	284.1
-80°	220.0	222.4	224.1	225.0	224.1	222.4	220.0	217.0	213.5	209.7	206.8
-82.5°	112.7	109.4	107.3	104.7	107.3	109.4	112.7	115.4	117.4	118.8	119.4
-85°	31.8	31.0	31.6	32.0	31.6	31.0	31.8	32.5	33.0	33.5	36.2
-87.5°	9.1	9.4	9.4	9.4	9.4	9.4	9.1	8.9	8.6	8.3	8.4
-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: P645377 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-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°	0.4	0.6	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6
85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
82.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
80°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
77.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
75°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
72.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
70°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9
67.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8	1.0
65°	1.0	0.9	1.0	1.1	1.2	1.1	1.1	1.2	1.1	1.1	1.0
62.5°	1.6	1.7	1.7	1.7	1.8	2.2	2.0	2.0	1.9	2.3	3.1
60°	3.7	2.9	4.4	4.9	4.2	7.2	12.2	11.0	3.2	17.7	20.4
57.5°	51.7	42.9	89.9	89.6	37.5	50.7	67.9	44.7	29.2	50.1	66.2
55°	360.5	330.1	287.0	282.4	297.3	225.9	188.9	181.8	142.3	92.5	109.9
52.5°	508.2	477.9	448.5	421.1	398.7	374.7	339.4	301.2	289.0	232.7	179.4
50°	575.0	604.4	575.5	504.7	517.3	483.1	433.4	392.8	401.2	366.7	295.6
47.5°	779.9	815.7	816.6	774.4	727.3	712.9	639.9	513.2	521.7	520.2	445.0
45°	1141.8	1091.7	1110.4	1051.0	968.0	922.1	919.7	784.1	658.5	638.1	630.9
42.5°	1340.1	1303.0	1264.7	1220.4	1147.0	1073.8	1028.6	952.4	851.4	762.1	730.4
40°	1420.3	1377.1	1341.3	1304.6	1245.5	1170.5	1134.2	1034.0	958.2	880.8	855.0
37.5°	1517.2	1435.2	1467.2	1397.9	1343.1	1324.8	1296.6	1192.4	1024.2	1010.1	997.0
35°	1733.6	1656.9	1730.7	1717.6	1499.3	1523.5	1542.3	1414.3	1238.2	1142.7	1144.8
32.5°	2227.4	2050.7	1996.7	2062.8	1948.0	1757.4	1760.2	1721.2	1480.8	1341.9	1281.1
30°	2406.1	2327.6	2242.6	2231.1	2145.6	2035.4	1965.4	1871.7	1696.7	1538.1	1434.0
27.5°	2483.2	2412.0	2340.5	2285.3	2235.8	2160.9	2069.6	1959.5	1835.0	1692.9	1591.7
25°	2538.3	2458.6	2396.8	2335.9	2282.6	2225.9	2132.6	2025.3	1909.2	1794.7	1686.0
22.5°	2582.6	2508.2	2441.8	2376.2	2333.0	2272.0	2188.2	2077.4	1999.4	1926.7	1785.3
20°	2630.9	2559.3	2484.5	2487.6	2424.0	2322.2	2241.7	2186.5	2175.8	2093.9	1911.4
17.5°	2840.9	2644.0	2680.6	2750.0	2609.8	2425.1	2396.4	2399.4	2365.6	2289.4	2062.5
15°	3290.8	3006.3	3008.8	3056.6	2904.6	2677.8	2625.4	2619.1	2565.7	2481.5	2222.1
12.5°	3432.5	3337.5	3320.0	3248.9	3099.6	2930.1	2868.1	2834.5	2736.6	2573.6	2336.9
10°	3480.4	3425.3	3352.1	3280.4	3189.8	3121.8	3033.4	2911.2	2772.4	2615.1	2422.4
7.5°	3486.1	3428.9	3370.0	3301.7	3222.2	3142.3	3054.9	2933.5	2799.2	2645.0	2482.7
5°	3482.7	3425.8	3371.2	3305.8	3225.2	3147.7	3068.6	2948.5	2817.4	2664.5	2522.3
2.5°	3474.2	3416.6	3364.6	3305.3	3225.0	3150.3	3077.1	2964.6	2830.4	2680.6	2535.5
0°	3486.6	3429.6	3380.3	3313.9	3241.3	3154.6	3081.1	2981.1	2836.6	2691.3	2540.5
-2.5°	3491.9	3433.0	3387.9	3313.0	3252.8	3164.3	3089.9	2993.3	2848.4	2710.1	2552.6
-5°	3520.1	3461.6	3402.6	3327.6	3264.2	3181.4	3097.7	2998.2	2857.3	2720.4	2558.1
-7.5°	3538.6	3479.2	3410.7	3337.9	3274.3	3195.3	3102.5	2998.7	2865.4	2720.2	2560.7
-10°	3550.3	3488.1	3420.4	3345.9	3280.2	3198.9	3100.9	2996.2	2863.8	2713.9	2554.9
-12.5°	3566.5	3496.6	3426.9	3342.3	3276.4	3192.9	3095.1	2990.2	2851.5	2702.0	2540.3
-15°	3572.6	3500.8	3419.3	3336.4	3264.4	3183.2	3082.2	2972.5	2830.1	2683.7	2516.4
-17.5°	3575.1	3493.5	3406.6	3327.1	3249.5	3163.3	3056.8	2940.0	2802.6	2651.3	2484.9
-20°	3573.2	3478.1	3388.7	3302.0	3220.7	3133.3	3023.3	2907.7	2763.3	2609.4	2444.1

Classified

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

Scaled Data Report



REPORT NUMBER: P645377 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2C-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°	3536.7	3450.6	3360.1	3266.1	3186.2	3093.5	2985.8	2866.1	2712.3	2563.4	2392.1
-25°	3496.6	3409.6	3316.1	3228.7	3143.6	3051.4	2940.8	2805.2	2659.0	2504.2	2329.1
-27.5°	3449.1	3357.7	3261.1	3172.2	3082.3	2991.6	2877.2	2740.6	2599.9	2430.6	2260.6
-30°	3385.1	3290.7	3192.2	3090.5	3008.3	2915.8	2802.8	2670.1	2519.0	2351.8	2190.1
-32.5°	3298.1	3209.3	3110.8	3014.2	2928.4	2831.3	2717.2	2585.4	2426.8	2268.7	2100.4
-35°	3209.7	3117.7	3023.9	2932.9	2842.4	2740.8	2624.3	2480.9	2329.3	2172.7	1998.1
-37.5°	3108.8	3013.0	2924.8	2838.3	2745.0	2640.8	2512.2	2373.7	2225.9	2053.8	1887.6
-40°	3000.3	2908.1	2811.7	2726.2	2626.7	2521.6	2397.4	2262.7	2100.2	1930.1	1773.8
-42.5°	2871.6	2779.4	2680.2	2585.0	2488.3	2388.4	2276.1	2130.5	1969.4	1808.9	1646.7
-45°	2716.1	2623.9	2526.4	2428.2	2337.7	2240.7	2136.2	1980.9	1821.8	1668.8	1513.2
-47.5°	2541.1	2451.7	2357.7	2260.4	2174.3	2076.9	1949.6	1805.1	1664.3	1518.8	1359.4
-50°	2351.1	2266.1	2179.1	2088.8	1992.2	1882.2	1760.1	1634.0	1494.6	1345.1	1199.5
-52.5°	2143.5	2065.6	1983.5	1896.8	1797.0	1687.9	1573.4	1439.6	1300.5	1173.7	1041.2
-55°	1926.8	1849.9	1768.8	1682.1	1589.0	1481.1	1362.6	1240.8	1127.2	1009.9	908.9
-57.5°	1687.0	1614.2	1536.8	1455.0	1369.1	1268.7	1164.7	1061.4	971.5	880.3	788.6
-60°	1430.7	1362.7	1296.9	1224.4	1145.1	1058.7	982.9	906.6	830.3	757.6	683.8
-62.5°	1182.5	1125.6	1066.5	1007.7	947.4	885.0	822.1	763.3	703.1	641.5	587.1
-65°	948.0	904.7	858.1	817.3	774.5	729.4	678.9	632.8	589.0	543.8	497.6
-67.5°	751.0	720.1	687.2	655.0	625.7	594.5	559.0	521.7	487.1	453.6	419.6
-70°	589.2	568.7	547.3	523.9	500.5	476.9	450.8	423.3	395.5	370.5	346.5
-72.5°	452.2	438.1	421.8	404.9	386.9	370.9	353.0	334.5	315.7	296.6	278.5
-75°	349.9	339.6	328.5	315.9	300.6	282.6	269.2	260.1	248.7	234.9	219.8
-77.5°	276.7	269.2	261.2	250.5	239.4	227.9	216.5	205.3	194.2	183.7	174.2
-80°	203.6	200.0	195.6	186.7	177.8	168.9	160.5	153.6	147.1	140.0	131.3
-82.5°	119.5	119.1	117.8	112.8	107.8	102.9	98.1	93.3	88.2	82.8	77.5
-85°	38.6	40.7	42.5	43.3	43.8	43.9	43.6	42.4	40.9	39.2	37.4
-87.5°	8.5	8.5	8.5	8.9	9.1	9.4	9.6	10.1	10.5	10.8	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: P645377 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2C-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°	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.4	0.4	0.4
85°	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.8	0.8
82.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.0	1.2	1.3
80°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.0	1.2	1.4
77.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.0	1.2	1.4
75°	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.9	1.1	1.3	1.4
72.5°	0.8	0.8	0.8	0.9	1.0	1.0	0.9	0.9	1.1	1.3	1.5
70°	0.9	0.8	0.8	0.9	1.1	1.3	1.3	1.3	1.1	1.3	1.5
67.5°	1.2	1.2	1.1	1.1	1.2	1.4	1.5	1.8	1.8	1.3	1.5
65°	1.2	1.4	1.7	2.2	2.0	1.4	1.6	3.1	2.5	2.1	1.5
62.5°	2.6	1.5	5.0	6.6	3.7	2.9	2.4	6.8	4.3	2.9	2.1
60°	6.2	5.1	13.8	22.1	15.4	5.2	7.6	11.8	10.9	3.8	3.0
57.5°	57.3	19.7	28.6	41.3	40.6	22.0	16.0	21.4	18.4	10.6	4.2
55°	122.3	103.0	68.0	62.3	67.3	54.3	35.3	34.7	28.4	19.7	6.8
52.5°	167.8	175.1	152.4	106.5	92.7	88.4	69.0	50.3	44.6	29.5	17.1
50°	242.9	226.2	223.9	188.0	130.0	117.7	101.9	78.5	62.6	42.3	28.9
47.5°	343.1	301.4	279.3	263.1	207.4	150.0	133.6	107.4	82.5	60.9	41.3
45°	490.3	389.6	346.8	320.6	284.2	211.0	167.2	135.5	107.5	81.8	54.2
42.5°	638.2	503.7	423.9	381.6	343.8	279.8	203.1	167.8	131.9	103.1	70.6
40°	768.7	621.4	504.9	450.5	402.2	346.3	261.3	202.4	155.8	125.0	89.3
37.5°	925.8	755.4	598.1	522.7	464.5	401.8	320.3	238.5	184.5	147.9	108.0
35°	1077.8	928.8	702.5	610.0	533.8	458.8	377.2	281.2	219.8	171.2	126.8
32.5°	1241.0	1092.0	860.1	707.5	605.5	517.1	430.4	333.1	255.2	194.8	145.4
30°	1369.4	1199.3	998.4	805.0	683.6	582.0	483.4	383.0	290.8	218.6	164.2
27.5°	1437.5	1292.2	1107.5	913.8	771.4	648.6	538.1	430.6	326.3	244.7	183.8
25°	1508.0	1357.7	1185.5	1008.8	858.1	719.1	592.6	476.0	365.1	274.2	203.2
22.5°	1592.2	1413.3	1251.3	1084.1	947.6	790.6	649.7	522.0	403.9	303.2	222.3
20°	1676.8	1465.0	1316.2	1186.7	1035.4	867.9	709.4	566.8	440.4	331.3	240.9
17.5°	1765.7	1558.9	1426.4	1286.7	1122.9	942.8	768.2	610.3	474.8	358.6	259.1
15°	1920.2	1699.4	1537.4	1384.0	1210.0	1014.9	825.6	652.0	506.8	384.8	275.9
12.5°	2060.5	1830.2	1648.5	1478.1	1295.6	1083.6	881.0	691.7	536.4	405.7	291.0
10°	2176.7	1951.4	1758.3	1568.4	1378.8	1148.5	933.8	724.1	554.2	421.3	304.8
7.5°	2271.8	2063.5	1865.3	1654.4	1450.2	1190.9	960.4	742.9	568.0	434.6	317.4
5°	2340.5	2138.3	1922.2	1684.4	1472.5	1208.3	978.5	758.3	579.1	445.7	328.7
2.5°	2360.3	2161.3	1943.6	1700.8	1487.6	1219.6	991.4	770.0	587.6	454.7	338.8
0°	2371.8	2176.5	1957.0	1710.9	1495.3	1225.0	999.2	778.1	593.7	461.7	347.6
-2.5°	2387.9	2189.5	1969.9	1736.8	1500.4	1241.4	1003.6	783.4	601.4	464.2	352.7
-5°	2395.9	2194.6	1976.1	1754.2	1499.1	1251.1	1003.0	785.0	606.4	465.1	356.5
-7.5°	2392.4	2192.9	1976.3	1759.7	1492.3	1253.4	997.6	783.3	608.4	464.5	358.8
-10°	2381.6	2184.0	1968.7	1745.5	1486.0	1244.5	987.9	778.3	607.2	462.5	359.7
-12.5°	2365.2	2167.4	1953.3	1725.2	1473.0	1226.2	976.4	769.8	602.3	459.3	359.2
-15°	2343.9	2143.2	1929.9	1699.4	1451.6	1201.9	959.2	757.4	592.8	455.7	357.1
-17.5°	2316.6	2111.7	1898.3	1668.7	1421.5	1171.8	936.1	741.2	580.8	451.2	352.7
-20°	2267.8	2069.3	1858.2	1633.9	1382.4	1136.2	907.0	721.3	566.6	444.9	346.6



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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°	2213.1	2016.9	1808.1	1586.9	1335.3	1095.1	871.9	697.7	550.2	436.7	339.2
-25°	2154.6	1957.9	1750.0	1521.9	1283.2	1051.8	836.6	670.4	531.8	426.6	330.6
-27.5°	2086.0	1891.1	1684.2	1450.3	1222.7	1001.5	802.9	646.1	513.9	414.5	320.9
-30°	2008.9	1812.5	1601.8	1373.8	1156.5	943.3	765.0	620.3	498.8	401.2	310.1
-32.5°	1920.5	1725.9	1510.6	1295.6	1086.5	881.6	723.2	592.6	481.3	387.2	300.0
-35°	1819.9	1625.1	1413.9	1211.6	1012.3	831.8	682.3	563.3	461.5	372.0	289.4
-37.5°	1715.0	1517.0	1317.2	1123.8	933.5	777.8	645.6	534.2	439.3	355.8	277.7
-40°	1595.4	1405.7	1215.7	1033.5	865.3	719.9	605.8	505.6	418.4	338.5	264.9
-42.5°	1472.1	1289.0	1109.9	937.8	797.9	672.7	564.1	474.8	396.4	321.8	251.1
-45°	1339.1	1165.8	997.3	857.2	729.4	622.8	527.6	442.8	372.8	304.7	236.8
-47.5°	1198.8	1035.9	895.0	773.3	671.2	572.6	488.8	415.2	348.1	286.4	222.4
-50°	1050.3	914.9	800.8	700.3	608.4	527.4	450.2	386.3	325.5	266.1	207.4
-52.5°	918.7	810.2	715.7	629.7	553.0	479.8	416.9	356.6	302.1	246.8	191.7
-55°	805.9	717.0	637.3	565.7	498.2	439.1	382.4	330.3	278.1	227.4	175.8
-57.5°	708.5	630.8	567.0	504.8	449.1	398.7	350.8	303.3	255.1	207.3	163.1
-60°	615.0	557.0	500.2	450.2	403.0	360.2	321.1	276.4	231.9	187.2	149.2
-62.5°	534.1	484.6	441.7	398.1	358.9	324.0	291.1	250.0	208.1	168.6	134.0
-65°	458.4	420.3	383.8	349.0	316.5	286.9	260.3	223.1	184.1	148.9	118.2
-67.5°	386.4	357.8	329.1	299.9	274.3	250.4	227.6	193.9	159.1	128.1	102.5
-70°	322.1	297.7	275.2	253.5	232.7	212.8	191.4	163.0	133.0	109.5	86.5
-72.5°	261.5	243.6	224.9	207.1	191.8	174.2	154.5	132.4	111.3	90.6	70.1
-75°	205.3	193.5	180.4	166.2	151.9	136.3	123.2	107.7	89.4	71.3	56.5
-77.5°	164.3	152.8	139.6	128.3	118.7	108.0	96.2	82.7	68.2	55.4	43.7
-80°	121.2	112.4	104.9	98.4	89.6	79.8	69.9	60.1	49.6	39.7	30.6
-82.5°	73.9	72.0	69.9	66.9	59.5	52.3	45.2	38.2	30.7	23.7	19.6
-85°	37.0	36.2	35.1	33.5	29.0	24.6	22.5	20.4	17.9	15.5	13.1
-87.5°	12.1	13.1	13.8	14.3	13.3	12.3	11.3	10.2	9.0	7.7	6.6
-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°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
85°	0.8	0.7	0.6	0.4	0.3	0.2	0.0
82.5°	1.2	1.0	0.8	0.6	0.4	0.3	0.0
80°	1.6	1.4	1.1	0.8	0.6	0.3	0.0
77.5°	1.6	1.6	1.4	1.0	0.7	0.4	0.0
75°	1.6	1.7	1.6	1.2	0.8	0.5	0.0
72.5°	1.6	1.7	1.7	1.4	1.0	0.6	0.0
70°	1.7	1.8	1.7	1.6	1.1	0.7	0.0
67.5°	1.9	1.8	1.8	1.7	1.3	0.8	0.0
65°	2.1	2.1	1.9	1.8	1.4	0.8	0.0
62.5°	2.5	2.6	2.0	1.8	1.5	0.9	0.0
60°	2.9	3.2	2.0	1.9	1.7	1.0	0.0
57.5°	5.4	3.8	2.6	2.0	1.8	1.1	0.0
55°	8.5	4.5	3.3	2.0	1.9	1.2	0.0
52.5°	12.2	5.7	4.0	2.1	1.9	1.2	0.0
50°	16.5	9.7	4.7	2.2	2.0	1.3	0.0
47.5°	22.2	14.0	5.5	2.4	2.1	1.4	0.0
45°	33.4	18.7	6.2	3.0	2.2	1.5	0.0
42.5°	45.0	23.6	7.0	3.6	2.3	1.5	0.0
40°	56.8	28.8	9.5	4.4	2.4	1.6	0.0
37.5°	68.8	34.3	13.6	5.3	2.5	1.7	0.0
35°	81.0	42.6	17.7	6.4	2.6	1.7	0.0
32.5°	94.2	52.2	21.9	7.5	2.7	1.8	0.0
30°	109.4	61.7	26.1	8.7	2.8	1.8	0.0
27.5°	124.2	71.2	31.3	10.1	2.9	1.9	0.0
25°	138.7	80.5	36.7	11.5	3.0	2.0	0.0
22.5°	152.8	89.9	42.0	12.9	3.1	2.0	0.0
20°	166.4	100.1	47.3	14.4	3.2	2.0	0.0
17.5°	179.8	109.9	52.5	15.9	3.3	2.1	0.0
15°	192.8	119.4	57.5	17.5	3.4	2.1	0.0
12.5°	204.9	128.4	62.4	19.0	3.5	2.2	0.0
10°	216.1	136.9	67.1	20.5	3.6	2.2	0.0
7.5°	226.4	144.9	71.5	21.9	3.7	2.2	0.0
5°	235.8	152.2	75.7	23.3	3.7	2.3	0.0
2.5°	244.2	158.9	79.4	24.6	3.8	2.3	0.0
0°	251.6	164.8	82.8	25.8	3.9	2.3	0.0
-2.5°	255.3	168.6	86.0	27.5	4.5	2.4	0.0
-5°	258.0	171.5	88.6	29.0	5.1	2.6	0.0
-7.5°	259.7	173.7	90.8	30.4	5.7	2.7	0.0
-10°	260.4	175.0	92.5	31.6	6.3	2.8	0.0
-12.5°	260.3	175.6	93.6	32.6	6.8	2.9	0.0
-15°	259.3	175.3	94.1	33.4	7.3	3.0	0.0
-17.5°	257.4	174.3	94.1	34.0	7.8	3.1	0.0
-20°	254.4	172.4	93.4	34.3	8.2	3.2	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	250.2	169.8	92.1	34.4	8.6	3.2	0.0
-25°	244.9	165.7	90.1	34.3	9.0	3.3	0.0
-27.5°	238.7	160.7	87.5	33.8	9.2	3.3	0.0
-30°	231.5	154.9	84.2	33.1	9.5	3.4	0.0
-32.5°	223.3	148.4	80.4	32.2	9.7	3.4	0.0
-35°	214.5	141.3	76.1	30.9	9.8	3.4	0.0
-37.5°	205.0	134.1	71.4	29.4	9.9	3.3	0.0
-40°	194.8	127.6	66.3	27.6	9.9	3.3	0.0
-42.5°	183.9	120.6	62.4	25.6	9.8	3.3	0.0
-45°	172.3	113.2	59.8	23.6	9.7	3.2	0.0
-47.5°	160.0	105.3	56.7	21.3	9.5	3.1	0.0
-50°	149.7	97.0	53.1	20.5	9.3	3.0	0.0
-52.5°	139.4	88.4	49.1	20.1	9.0	2.9	0.0
-55°	128.7	81.8	44.6	19.5	8.6	2.8	0.0
-57.5°	117.7	75.2	39.7	18.7	8.2	2.7	0.0
-60°	106.4	67.9	34.5	17.6	7.8	2.5	0.0
-62.5°	96.1	60.1	32.1	16.3	7.3	2.4	0.0
-65°	85.1	51.7	29.3	14.9	6.8	2.2	0.0
-67.5°	73.5	44.7	26.2	13.3	6.2	2.0	0.0
-70°	61.1	39.1	22.7	11.5	5.6	1.8	0.0
-72.5°	51.7	33.1	19.1	10.2	5.0	1.6	0.0
-75°	42.3	26.7	15.2	8.8	4.3	1.4	0.0
-77.5°	32.4	20.1	12.5	7.5	3.7	1.2	0.0
-80°	22.1	15.3	10.1	6.0	3.0	0.9	0.0
-82.5°	16.2	11.6	7.7	4.5	2.2	0.7	0.0
-85°	10.9	7.7	5.1	3.0	1.5	0.5	0.0
-87.5°	5.5	3.9	2.6	1.5	0.7	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)