

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



Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P645403 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-722-U-LAM-VSR-XX**

Issue Date: 2/28/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P645403 (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: 2/28/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA3B-722-U-LAM-VSR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, LAMBERTIAN WITH VISOR  
Light Source: (48) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

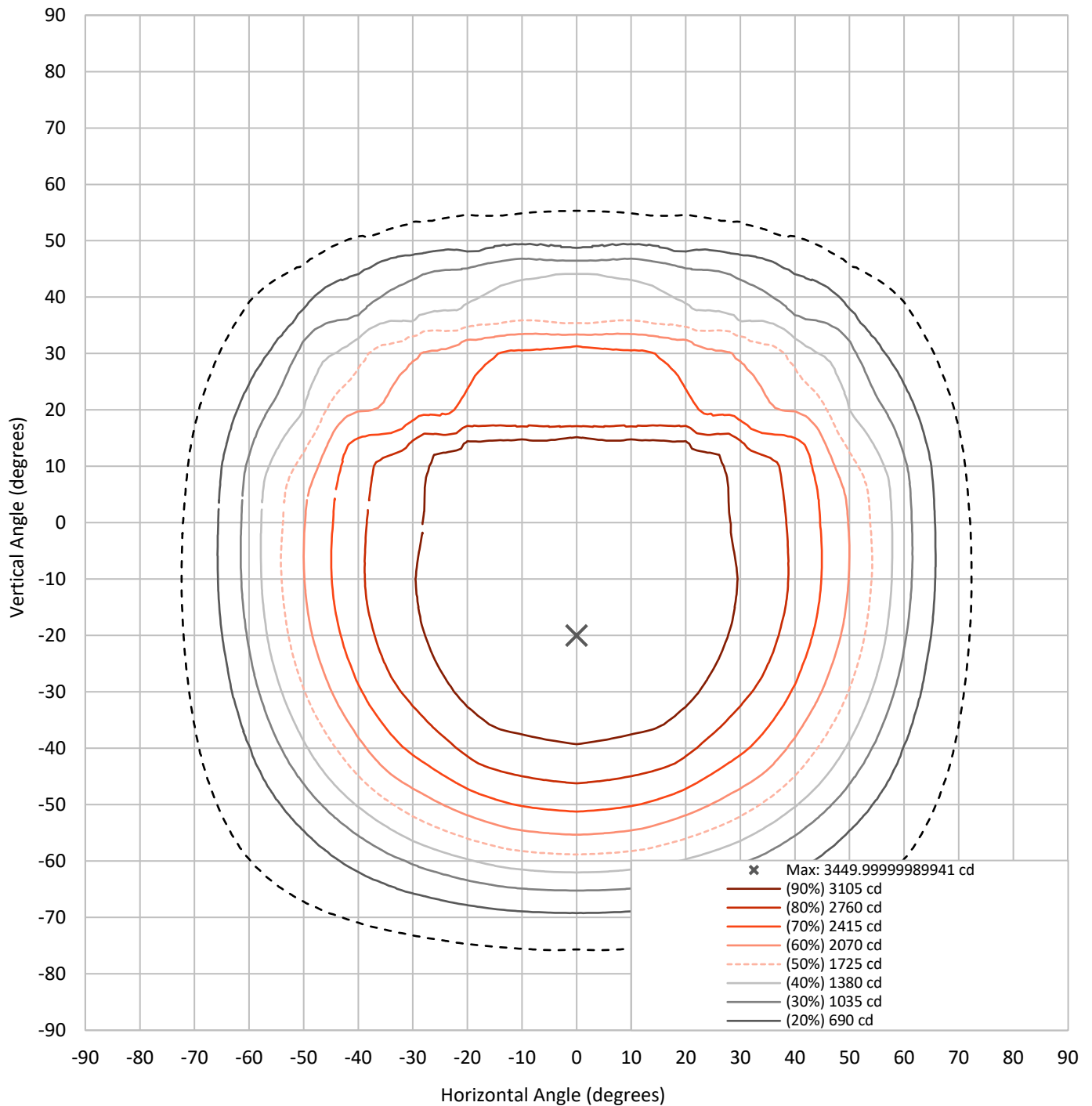
Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	8089.4 lumens	Max Intensity:	3450 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	86.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	105.6°H x 93.7°V	Field Angle (10%):	144°H x 131.2°V
Beam Lumens:	6323.9 lumens	Field Lumens:	7928.8 lumens
Beam Efficiency:	78.2%	Field Efficiency:	98.0%
Input Watts (W):	93.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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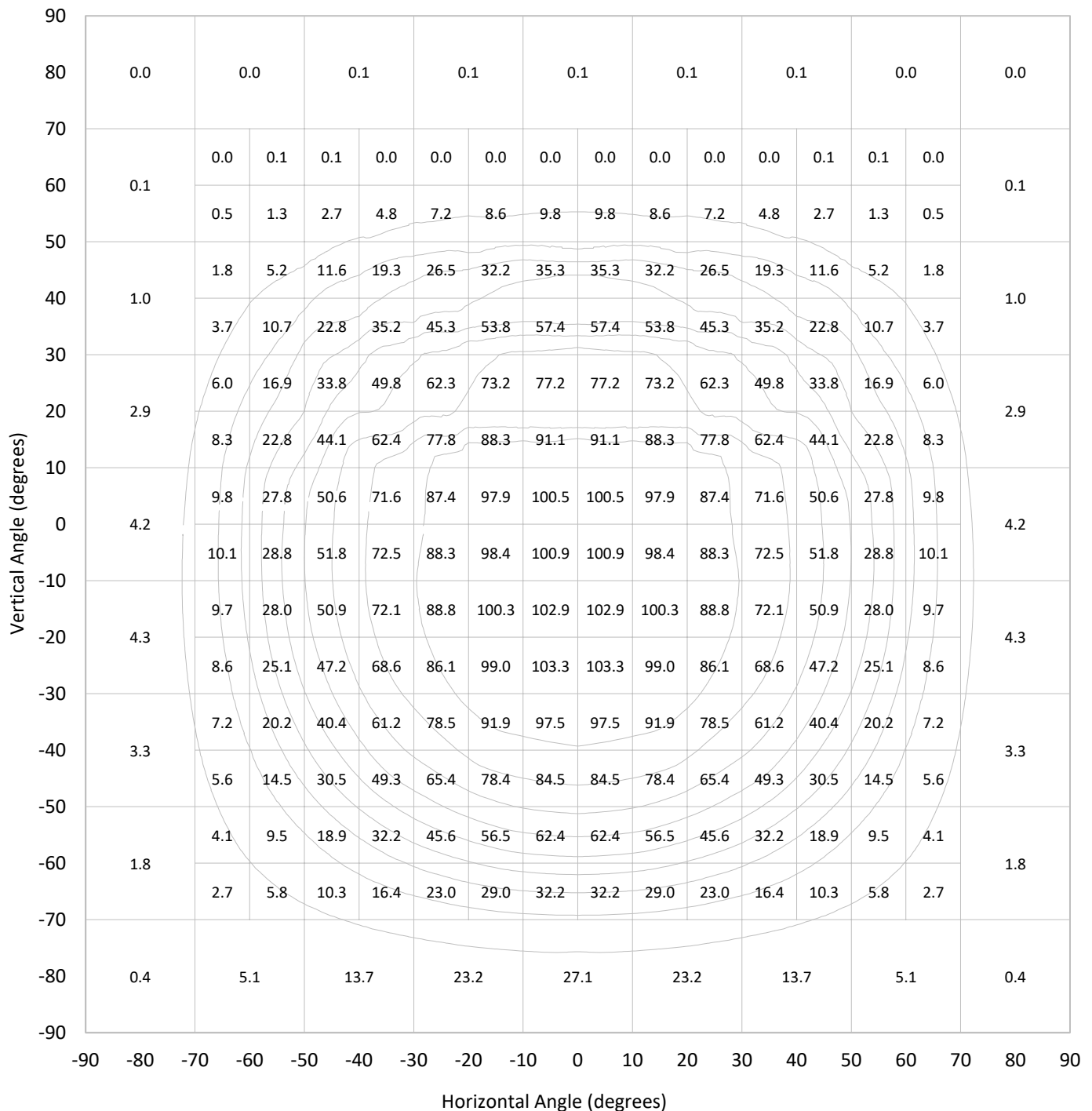
### Iso-Candela Plot





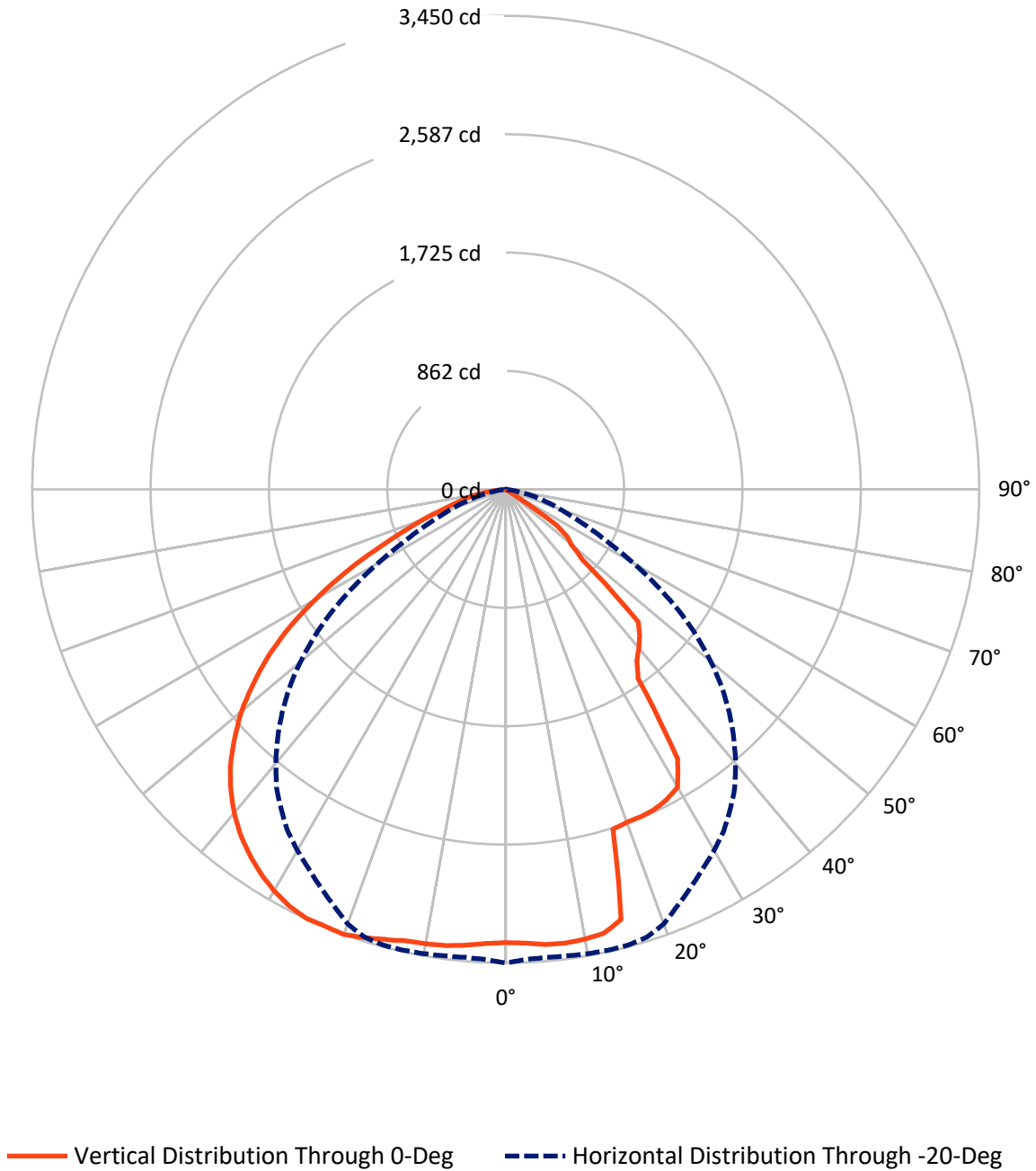
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### Lumen Table



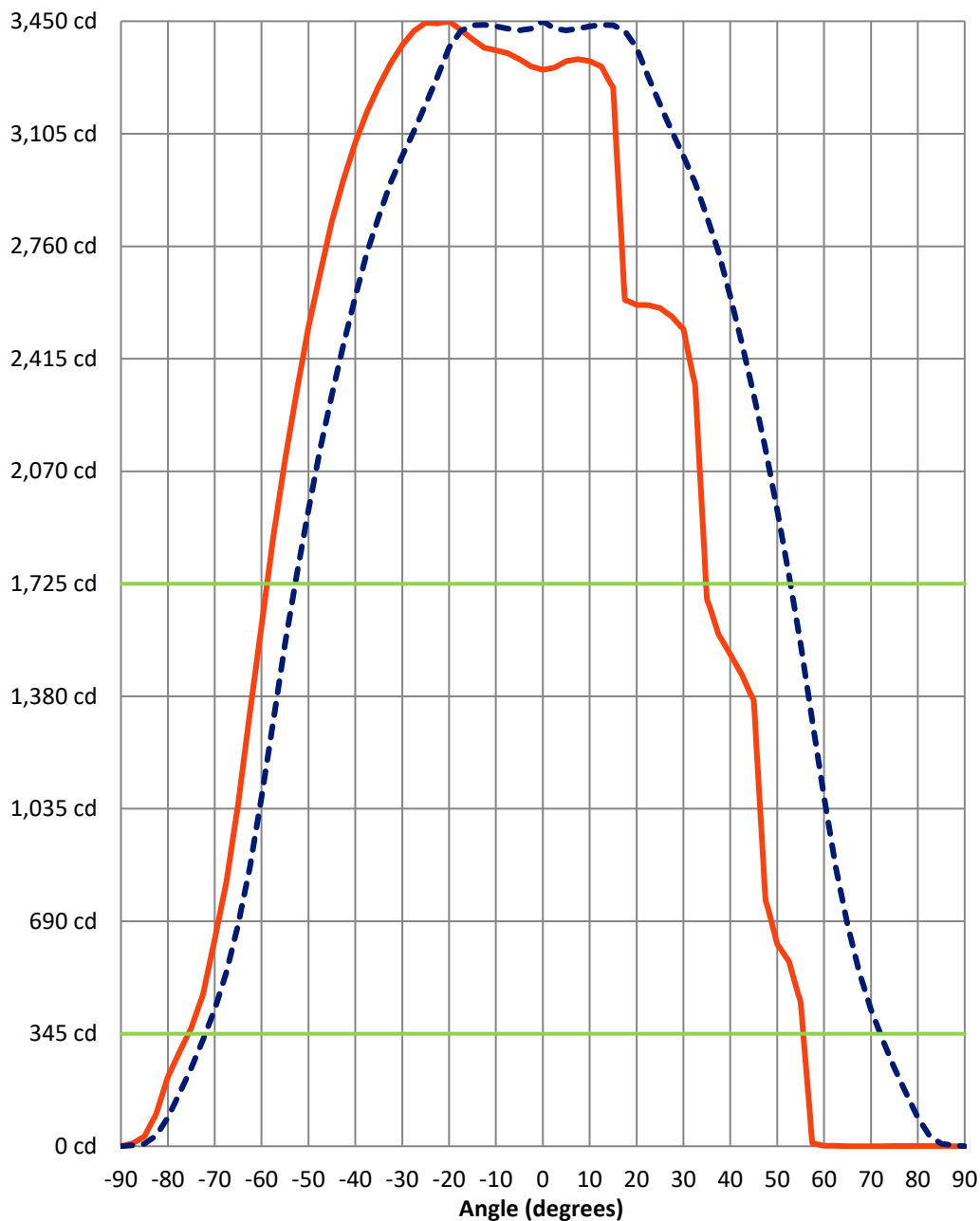
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 105.6°  
 V Angle: 93.7°  
 Lumens: 6323.9  
 Efficiency: 78.2%

**Field:**  
 H Angle: 144°  
 V Angle: 131.2°  
 Lumens: 7928.8  
 Efficiency: 98.0%

**Spill:**  
 Lumens: 160.6  
 Efficiency: 2.0%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.3	0.3
85°	0.0	0.2	0.3	0.4	0.5	0.6	0.8	0.8	0.8	0.7	0.6
82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.2	1.1	0.9	0.7
80°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.3	1.1	0.9	0.7
77.5°	0.0	0.4	0.7	1.0	1.3	1.5	1.5	1.3	1.1	0.9	0.7
75°	0.0	0.5	0.8	1.2	1.5	1.6	1.5	1.3	1.2	1.0	0.8
72.5°	0.0	0.6	0.9	1.3	1.6	1.6	1.5	1.4	1.2	1.0	0.8
70°	0.0	0.6	1.1	1.5	1.6	1.7	1.6	1.4	1.2	1.0	1.2
67.5°	0.0	0.7	1.2	1.6	1.7	1.7	1.8	1.4	1.2	1.6	1.7
65°	0.0	0.8	1.3	1.7	1.8	2.0	2.0	1.4	2.0	2.3	2.9
62.5°	0.0	0.9	1.5	1.7	1.9	2.4	2.3	2.0	2.7	4.0	6.4
60°	0.0	0.9	1.6	1.8	1.9	3.0	2.7	2.8	3.5	10.2	11.2
57.5°	0.0	1.0	1.7	1.9	2.5	3.6	5.1	3.9	10.0	17.4	20.2
55°	0.0	1.1	1.7	1.9	3.1	4.2	8.0	6.3	18.6	26.8	32.7
52.5°	0.0	1.2	1.8	2.0	3.8	5.4	11.5	16.1	27.9	42.1	47.4
50°	0.0	1.2	1.9	2.1	4.4	9.2	15.5	27.3	39.9	59.1	74.1
47.5°	0.0	1.3	2.0	2.3	5.1	13.2	20.9	38.9	57.5	77.8	101.3
45°	0.0	1.4	2.1	2.9	5.9	17.6	31.5	51.2	77.2	101.4	127.7
42.5°	0.0	1.4	2.2	3.4	6.6	22.2	42.4	66.6	97.2	124.4	158.2
40°	0.0	1.5	2.3	4.1	8.9	27.1	53.5	84.3	117.8	146.9	190.8
37.5°	0.0	1.6	2.4	5.0	12.8	32.3	64.9	101.9	139.4	174.0	224.9
35°	0.0	1.6	2.5	6.0	16.7	40.1	76.4	119.5	161.4	207.2	265.1
32.5°	0.0	1.7	2.6	7.1	20.6	49.2	88.9	137.1	183.6	240.6	314.1
30°	0.0	1.8	2.7	8.3	24.6	58.2	103.2	154.9	206.1	274.2	361.1
27.5°	0.0	1.8	2.8	9.5	29.5	67.1	117.2	173.3	230.7	307.6	406.0
25°	0.0	1.9	2.8	10.8	34.6	75.9	130.8	191.6	258.5	344.2	448.8
22.5°	0.0	1.9	2.9	12.2	39.6	84.8	144.1	209.6	285.8	380.8	492.2
20°	0.0	2.0	3.0	13.6	44.6	94.4	156.9	227.1	312.4	415.3	534.4
17.5°	0.0	2.0	3.1	15.0	49.5	103.7	169.6	244.2	338.1	447.6	575.4
15°	0.0	2.0	3.2	16.4	54.3	112.6	181.8	260.1	362.8	477.8	614.8
12.5°	0.0	2.1	3.3	17.9	58.9	121.1	193.2	274.3	382.5	505.8	652.2
10°	0.0	2.1	3.4	19.3	63.3	129.1	203.8	287.3	397.2	522.5	682.7
7.5°	0.0	2.1	3.5	20.7	67.5	136.6	213.5	299.3	409.7	535.5	700.5
5°	0.0	2.2	3.6	22.0	71.4	143.5	222.3	310.0	420.2	546.0	715.0
2.5°	0.0	2.2	3.6	23.2	74.9	149.8	230.2	319.5	428.7	554.1	726.0
0°	0.0	2.2	3.7	24.3	78.1	155.4	237.2	327.8	435.3	559.8	733.6
-2.5°	0.0	2.3	4.3	25.9	81.1	158.9	240.7	332.6	437.7	567.0	738.5
-5°	0.0	2.4	4.8	27.3	83.6	161.7	243.2	336.2	438.5	571.7	740.1
-7.5°	0.0	2.6	5.4	28.6	85.7	163.8	244.8	338.4	437.9	573.6	738.5
-10°	0.0	2.7	5.9	29.8	87.2	165.1	245.5	339.2	436.0	572.5	733.8
-12.5°	0.0	2.8	6.4	30.7	88.3	165.6	245.4	338.6	433.0	567.9	725.7
-15°	0.0	2.9	6.9	31.5	88.8	165.4	244.4	336.6	429.6	558.9	714.0
-17.5°	0.0	2.9	7.3	32.0	88.7	164.4	242.6	332.6	425.4	547.6	698.8
-20°	0.0	3.0	7.7	32.3	88.1	162.6	239.9	326.8	419.5	534.2	680.1



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 CATALOG NUMBER: GFLD-SA3B-722-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	3.1	8.1	32.4	86.8	160.2	235.9	319.8	411.7	518.7	657.8
-25°	0.0	3.1	8.4	32.3	85.0	156.3	230.9	311.7	402.2	501.3	632.0
-27.5°	0.0	3.2	8.7	31.9	82.5	151.5	225.1	302.5	390.8	484.5	609.2
-30°	0.0	3.2	8.9	31.2	79.4	146.0	218.3	292.3	378.3	470.2	584.8
-32.5°	0.0	3.2	9.1	30.3	75.8	139.9	210.6	282.8	365.1	453.8	558.7
-35°	0.0	3.2	9.2	29.1	71.7	133.2	202.3	272.9	350.8	435.1	531.0
-37.5°	0.0	3.2	9.3	27.7	67.3	126.4	193.3	261.9	335.4	414.2	503.7
-40°	0.0	3.1	9.3	25.9	62.5	120.3	183.7	249.8	319.1	394.5	476.7
-42.5°	0.0	3.1	9.2	24.1	58.8	113.7	173.3	236.7	303.4	373.7	447.7
-45°	0.0	3.0	9.1	22.2	56.3	106.7	162.4	223.2	287.3	351.5	417.5
-47.5°	0.0	3.0	9.0	20.0	53.4	99.3	150.8	209.7	270.0	328.2	391.5
-50°	0.0	2.9	8.7	19.3	50.0	91.5	141.1	195.5	250.9	306.8	364.2
-52.5°	0.0	2.8	8.5	18.9	46.2	83.3	131.4	180.7	232.6	284.8	336.2
-55°	0.0	2.6	8.1	18.3	42.0	77.1	121.4	165.7	214.3	262.2	311.3
-57.5°	0.0	2.5	7.7	17.6	37.4	70.9	110.9	153.8	195.4	240.5	285.9
-60°	0.0	2.4	7.3	16.6	32.5	64.0	100.3	140.6	176.4	218.6	260.6
-62.5°	0.0	2.2	6.9	15.4	30.2	56.6	90.7	126.3	158.9	196.2	235.8
-65°	0.0	2.1	6.4	14.0	27.6	48.7	80.3	111.4	140.3	173.6	210.3
-67.5°	0.0	1.9	5.9	12.5	24.6	42.1	69.3	96.7	120.8	150.0	182.9
-70°	0.0	1.7	5.3	10.9	21.4	36.9	57.6	81.6	103.3	125.4	153.6
-72.5°	0.0	1.5	4.7	9.6	18.0	31.2	48.8	66.1	85.4	105.0	124.8
-75°	0.0	1.3	4.1	8.3	14.3	25.2	39.9	53.3	67.2	84.3	101.6
-77.5°	0.0	1.1	3.4	7.0	11.8	18.9	30.5	41.2	52.3	64.3	78.0
-80°	0.0	0.9	2.8	5.7	9.6	14.4	20.8	28.9	37.4	46.7	56.7
-82.5°	0.0	0.7	2.1	4.3	7.2	10.9	15.3	18.5	22.4	28.9	36.0
-85°	0.0	0.4	1.4	2.9	4.8	7.3	10.3	12.4	14.6	16.9	19.2
-87.5°	0.0	0.2	0.7	1.4	2.4	3.7	5.1	6.2	7.3	8.4	9.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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CATALOG NUMBER: GFLD-SA3B-722-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°	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6
85°	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
82.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
80°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
77.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
75°	0.7	0.7	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
72.5°	0.8	0.9	0.9	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7
70°	1.2	1.2	1.0	0.8	0.7	0.7	0.8	0.8	0.7	0.7	0.7
67.5°	1.4	1.3	1.1	1.0	1.0	1.1	1.1	0.9	0.7	0.7	0.7
65°	1.5	1.3	1.8	2.1	1.6	1.3	1.1	0.9	1.0	1.0	1.1
62.5°	2.2	2.8	3.5	6.2	4.7	1.4	2.4	2.9	2.1	1.7	1.9
60°	7.2	4.9	14.5	20.8	13.0	4.7	5.8	19.2	16.7	3.0	10.4
57.5°	15.1	20.7	38.2	38.9	26.9	18.5	54.0	62.4	47.2	27.6	42.2
55°	33.3	51.2	63.4	58.7	64.1	97.1	115.3	103.6	87.2	134.2	171.4
52.5°	65.1	83.3	87.4	100.4	143.7	165.1	158.2	169.2	219.4	272.4	284.0
50°	96.1	111.0	122.6	177.2	211.1	213.3	229.0	278.7	345.7	378.2	370.3
47.5°	126.0	141.5	195.6	248.1	263.3	284.2	323.5	419.5	490.5	491.9	483.8
45°	157.7	198.9	268.0	302.3	327.0	367.3	462.3	594.8	601.6	620.9	739.2
42.5°	191.5	263.8	324.1	359.8	399.7	474.9	601.7	688.6	718.4	802.7	897.9
40°	246.4	326.5	379.2	424.8	476.1	585.9	724.7	806.1	830.4	903.3	974.9
37.5°	302.0	378.9	437.9	492.9	564.0	712.2	872.9	940.0	952.2	965.6	1124.2
35°	355.6	432.6	503.3	575.2	662.3	875.7	1016.1	1079.2	1077.3	1167.3	1333.4
32.5°	405.8	487.4	570.9	667.0	810.9	1029.5	1169.9	1207.7	1265.1	1396.1	1622.7
30°	455.8	548.7	644.5	759.0	941.3	1130.7	1291.1	1351.9	1450.2	1599.7	1764.6
27.5°	507.3	611.5	727.3	861.5	1044.2	1218.3	1355.3	1500.6	1596.1	1730.0	1847.4
25°	558.7	677.9	809.1	951.1	1117.7	1280.0	1421.7	1589.5	1692.0	1800.0	1909.5
22.5°	612.5	745.3	893.4	1022.1	1179.7	1332.5	1501.2	1683.2	1816.4	1885.1	1958.5
20°	668.8	818.2	976.2	1118.8	1240.9	1381.2	1580.9	1802.1	1974.1	2051.3	2061.4
17.5°	724.3	888.9	1058.7	1213.1	1344.8	1469.7	1664.7	1944.6	2158.5	2230.2	2262.2
15°	778.4	956.8	1140.8	1304.9	1449.5	1602.2	1810.4	2095.0	2339.6	2419.0	2469.3
12.5°	830.6	1021.6	1221.5	1393.6	1554.2	1725.5	1942.7	2203.2	2426.5	2580.1	2672.3
10°	880.4	1082.8	1299.9	1478.7	1657.7	1839.9	2052.2	2283.9	2465.6	2613.8	2744.7
7.5°	905.4	1122.8	1367.2	1559.8	1758.7	1945.6	2141.9	2340.7	2493.8	2639.2	2765.7
5°	922.5	1139.2	1388.2	1588.0	1812.3	2016.1	2206.6	2378.0	2512.2	2656.3	2779.8
2.5°	934.6	1149.8	1402.5	1603.5	1832.4	2037.7	2225.3	2390.5	2527.3	2668.5	2795.0
0°	942.0	1154.9	1409.7	1613.0	1845.0	2052.0	2236.1	2395.2	2537.4	2674.4	2810.6
-2.5°	946.2	1170.3	1414.5	1637.5	1857.2	2064.3	2251.3	2406.6	2555.2	2685.5	2822.1
-5°	945.7	1179.5	1413.3	1653.9	1863.1	2069.1	2258.9	2411.8	2564.8	2693.9	2826.8
-7.5°	940.6	1181.7	1406.9	1659.1	1863.3	2067.5	2255.6	2414.2	2564.6	2701.5	2827.2
-10°	931.4	1173.3	1401.0	1645.8	1856.2	2059.1	2245.4	2408.8	2558.6	2700.0	2824.8
-12.5°	920.6	1156.1	1388.7	1626.6	1841.6	2043.4	2229.9	2395.0	2547.4	2688.4	2819.2
-15°	904.4	1133.2	1368.6	1602.2	1819.5	2020.6	2209.9	2372.5	2530.2	2668.2	2802.4
-17.5°	882.6	1104.9	1340.2	1573.4	1789.8	1990.9	2184.1	2342.7	2499.7	2642.3	2771.9
-20°	855.2	1071.2	1303.3	1540.5	1751.9	1951.0	2138.2	2304.3	2460.2	2605.3	2741.5

Classified

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

Scaled Data Report



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CATALOG NUMBER: GFLD-SA3B-722-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°	822.0	1032.6	1258.9	1496.2	1704.8	1901.6	2086.5	2255.3	2416.9	2557.2	2702.3
-25°	788.8	991.7	1209.8	1434.9	1650.0	1845.9	2031.4	2195.9	2361.0	2506.9	2644.7
-27.5°	757.0	944.3	1152.9	1367.3	1587.9	1782.9	1966.7	2131.3	2291.6	2451.2	2583.8
-30°	721.3	889.4	1090.4	1295.3	1510.2	1708.8	1894.0	2064.8	2217.3	2374.9	2517.3
-32.5°	681.8	831.3	1024.4	1221.5	1424.2	1627.1	1810.7	1980.3	2138.9	2288.0	2437.5
-35°	643.3	784.3	954.5	1142.3	1333.1	1532.1	1715.8	1883.8	2048.4	2196.1	2339.0
-37.5°	608.7	733.4	880.1	1059.6	1241.9	1430.2	1616.9	1779.6	1936.3	2098.6	2237.9
-40°	571.2	678.7	815.8	974.4	1146.2	1325.3	1504.1	1672.4	1819.7	1980.1	2133.3
-42.5°	531.9	634.3	752.3	884.2	1046.4	1215.3	1387.8	1552.5	1705.5	1856.8	2008.6
-45°	497.5	587.2	687.7	808.2	940.3	1099.1	1262.5	1426.6	1573.4	1717.6	1867.6
-47.5°	460.9	539.9	632.8	729.1	843.8	976.6	1130.3	1281.6	1431.9	1569.2	1701.9
-50°	424.5	497.2	573.6	660.3	755.0	862.6	990.2	1130.9	1268.2	1409.1	1540.5
-52.5°	393.1	452.4	521.4	593.8	674.8	763.9	866.1	981.7	1106.5	1226.1	1357.2
-55°	360.4	414.0	469.7	533.4	600.9	676.0	759.8	856.9	952.2	1062.8	1169.8
-57.5°	330.7	375.8	423.4	476.0	534.6	594.8	668.0	743.6	830.0	915.9	1000.7
-60°	302.7	339.6	379.9	424.4	471.5	525.1	579.8	644.7	714.3	782.9	854.8
-62.5°	274.5	305.5	338.3	375.3	416.4	456.9	503.5	553.5	604.8	662.9	719.7
-65°	245.5	270.5	298.4	329.0	361.8	396.3	432.1	469.2	512.7	555.3	596.6
-67.5°	214.7	236.1	258.6	282.8	310.3	337.3	364.3	395.6	427.7	459.2	491.9
-70°	180.5	200.7	219.5	239.0	259.5	280.7	303.7	326.7	349.3	372.9	399.1
-72.5°	145.7	164.3	180.8	195.3	212.1	229.7	246.5	262.6	279.7	297.6	315.4
-75°	116.2	128.5	143.3	156.8	170.1	182.5	193.6	207.2	221.5	234.5	245.3
-77.5°	90.7	101.9	112.0	121.0	131.7	144.1	154.9	164.2	173.2	183.1	193.6
-80°	66.0	75.2	84.4	92.8	98.9	106.0	114.3	123.8	132.0	138.7	144.8
-82.5°	42.6	49.3	56.1	63.1	65.9	67.9	69.7	73.0	78.1	83.1	87.9
-85°	21.2	23.2	27.4	31.7	33.1	34.1	34.9	35.2	37.0	38.6	40.0
-87.5°	10.6	11.6	12.6	13.5	13.0	12.3	11.4	10.4	10.2	9.8	9.5
-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°	0.6	0.6	0.6	0.6	0.6	0.5	0.3	0.2	0.0	0.0	0.0
85°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.5	0.3
82.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
80°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
77.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
75°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
72.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
70°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
67.5°	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.4
65°	1.0	1.0	1.1	1.0	0.9	0.8	0.9	0.9	0.8	0.6	0.4
62.5°	1.9	2.1	1.7	1.6	1.6	1.6	1.5	1.4	1.3	1.3	1.3
60°	11.6	6.8	4.0	4.7	4.2	2.8	3.5	4.2	4.2	3.9	3.4
57.5°	64.0	47.8	35.4	84.5	84.8	40.5	48.7	76.6	63.1	20.8	19.3
55°	178.1	213.0	280.3	266.3	270.6	311.3	339.9	300.9	295.0	314.3	363.1
52.5°	319.9	353.2	375.9	397.1	422.9	450.6	479.1	497.3	514.3	532.4	543.2
50°	408.6	455.5	487.7	475.8	542.6	569.9	542.2	567.0	597.2	605.5	609.4
47.5°	603.3	672.1	685.7	730.1	769.9	769.1	735.3	737.2	827.2	906.6	945.6
45°	867.0	869.4	912.7	990.9	1046.9	1029.3	1076.5	1183.8	1219.5	1254.0	1282.3
42.5°	969.8	1012.4	1081.4	1150.6	1192.3	1228.5	1263.4	1302.8	1349.2	1386.9	1417.0
40°	1069.3	1103.6	1174.3	1230.1	1264.6	1298.4	1339.1	1382.8	1425.2	1458.3	1480.9
37.5°	1222.4	1249.0	1266.3	1318.0	1383.3	1353.2	1430.4	1485.8	1511.1	1544.7	1547.7
35°	1454.1	1436.4	1413.5	1619.4	1631.8	1562.2	1634.4	1720.3	1675.1	1769.3	1820.0
32.5°	1659.5	1656.9	1836.6	1944.8	1882.5	1933.4	2100.0	2092.6	2203.6	2255.1	2240.4
30°	1853.0	1919.0	2022.9	2103.5	2114.3	2194.5	2268.5	2333.3	2400.3	2460.4	2464.5
27.5°	1951.2	2037.3	2107.9	2154.6	2206.6	2274.1	2341.2	2414.2	2471.2	2508.9	2518.1
25°	2010.6	2098.7	2152.1	2202.3	2259.7	2318.0	2393.1	2472.6	2518.4	2541.6	2549.0
22.5°	2063.0	2142.1	2199.5	2240.2	2302.1	2364.7	2434.8	2502.1	2551.9	2562.0	2565.7
20°	2113.4	2189.4	2285.3	2345.3	2342.3	2412.9	2480.4	2533.9	2575.4	2575.2	2576.2
17.5°	2259.3	2286.4	2460.5	2592.7	2527.2	2492.7	2678.4	2682.0	2693.0	2671.1	2623.6
15°	2475.3	2524.7	2738.5	2881.8	2836.7	2834.4	3102.6	3036.0	3093.3	3078.3	3142.8
12.5°	2704.1	2762.5	2922.4	3063.1	3130.1	3146.6	3236.2	3320.1	3337.3	3330.6	3317.9
10°	2859.9	2943.2	3007.4	3092.8	3160.4	3229.4	3281.3	3341.6	3361.3	3349.9	3333.8
7.5°	2880.2	2962.5	3037.9	3112.8	3177.2	3232.8	3286.6	3335.8	3355.9	3349.2	3338.1
5°	2893.1	2967.7	3040.7	3116.7	3178.3	3229.8	3283.5	3333.2	3345.1	3337.1	3326.3
2.5°	2901.1	2970.1	3040.5	3116.2	3172.2	3221.2	3275.5	3328.6	3328.5	3325.0	3318.7
0°	2904.9	2974.2	3055.9	3124.4	3187.0	3233.4	3287.2	3338.7	3335.1	3325.5	3314.4
-2.5°	2913.2	2983.4	3066.8	3123.6	3194.2	3236.7	3292.2	3336.9	3335.1	3330.4	3325.0
-5°	2920.6	2999.5	3077.5	3137.2	3208.0	3263.6	3318.8	3353.7	3355.6	3349.0	3339.8
-7.5°	2925.1	3012.6	3087.0	3147.0	3215.6	3280.2	3336.2	3372.8	3373.7	3365.0	3353.9
-10°	2923.6	3015.9	3092.6	3154.5	3224.8	3288.6	3347.2	3393.6	3392.1	3383.9	3374.4
-12.5°	2918.1	3010.3	3089.0	3151.2	3230.9	3296.6	3362.5	3408.7	3411.2	3405.0	3394.8
-15°	2905.9	3001.1	3077.7	3145.6	3223.8	3300.6	3368.3	3419.3	3428.4	3423.3	3415.3
-17.5°	2881.9	2982.4	3063.6	3136.8	3211.8	3293.7	3370.7	3426.4	3438.9	3436.9	3430.1
-20°	2850.4	2954.1	3036.5	3113.2	3194.9	3279.2	3368.8	3419.8	3437.8	3438.9	3434.4



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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°	2815.1	2916.5	3004.0	3079.4	3167.9	3253.3	3334.4	3394.1	3424.4	3430.0	3430.4
-25°	2772.6	2876.9	2963.8	3044.1	3126.4	3214.6	3296.6	3363.2	3393.9	3408.6	3413.2
-27.5°	2712.7	2820.5	2906.0	2990.8	3074.6	3165.7	3251.8	3324.3	3349.2	3369.4	3377.5
-30°	2642.5	2749.1	2836.3	2913.8	3009.7	3102.5	3191.5	3254.6	3292.3	3315.4	3328.0
-32.5°	2561.7	2669.4	2760.8	2841.8	2933.0	3025.8	3109.5	3176.1	3228.1	3254.7	3268.2
-35°	2474.2	2584.1	2679.8	2765.1	2850.9	2939.4	3026.1	3095.9	3155.1	3177.9	3194.8
-37.5°	2368.6	2489.8	2588.0	2676.0	2757.5	2840.7	2931.0	3010.7	3068.2	3090.4	3108.2
-40°	2260.3	2377.5	2476.5	2570.3	2650.9	2741.8	2828.7	2912.3	2962.1	2988.0	3008.2
-42.5°	2146.0	2251.8	2346.0	2437.2	2526.9	2620.4	2707.3	2794.1	2837.3	2868.5	2893.2
-45°	2014.0	2112.5	2204.0	2289.3	2381.9	2473.8	2560.8	2637.5	2688.8	2729.4	2761.0
-47.5°	1838.1	1958.1	2050.0	2131.1	2222.8	2311.5	2395.8	2467.9	2524.3	2571.8	2608.5
-50°	1659.4	1774.6	1878.2	1969.4	2054.4	2136.5	2216.7	2287.3	2346.9	2398.4	2435.5
-52.5°	1483.5	1591.3	1694.2	1788.3	1870.1	1947.5	2020.9	2091.9	2154.7	2209.8	2245.8
-55°	1284.6	1396.4	1498.2	1585.9	1667.6	1744.1	1816.6	1883.9	1945.8	2001.9	2036.3
-57.5°	1098.1	1196.1	1290.8	1371.8	1448.9	1521.8	1590.5	1655.0	1714.5	1767.3	1800.5
-60°	926.7	998.1	1079.6	1154.4	1222.7	1284.8	1348.9	1409.0	1463.7	1510.1	1541.0
-62.5°	775.2	834.4	893.2	950.0	1005.5	1061.2	1114.9	1164.7	1210.4	1248.5	1275.6
-65°	640.1	687.7	730.3	770.6	808.9	852.9	893.7	932.1	967.6	996.7	1017.4
-67.5°	527.1	560.5	589.9	617.6	647.9	678.9	708.1	733.4	755.1	772.4	786.0
-70°	425.0	449.6	471.8	493.9	516.0	536.2	555.5	574.1	591.9	606.3	617.2
-72.5°	332.9	349.7	364.8	381.8	397.7	413.0	426.3	437.1	445.4	453.6	460.7
-75°	253.8	266.4	283.4	297.8	309.7	320.2	329.8	338.4	346.0	352.7	358.5
-77.5°	204.1	214.8	225.7	236.2	246.3	253.8	260.9	267.9	274.8	280.7	285.9
-80°	151.3	159.3	167.6	176.1	184.5	188.6	192.0	195.0	197.8	201.3	204.6
-82.5°	92.5	97.0	101.7	106.4	111.1	112.3	112.7	112.6	112.0	110.7	108.8
-85°	41.1	41.4	41.3	40.8	40.0	38.4	36.4	34.1	31.5	31.1	30.6
-87.5°	9.0	8.8	8.6	8.3	8.0	8.0	7.9	7.9	7.8	8.1	8.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
85°	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.7	0.7
82.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
80°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
77.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
75°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
72.5°	0.7	0.7	0.4	0.0	0.4	0.7	0.7	0.7	0.7	0.7	0.7
70°	0.7	0.7	0.4	0.0	0.4	0.7	0.7	0.7	0.7	0.7	0.7
67.5°	0.3	0.1	0.0	0.0	0.0	0.1	0.3	0.4	0.6	0.7	0.7
65°	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.6	0.8	0.9
62.5°	1.4	1.4	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.4
60°	2.7	1.8	1.5	1.5	1.5	1.8	2.7	3.4	3.9	4.2	4.2
57.5°	16.3	12.1	10.3	9.6	10.3	12.1	16.3	19.3	20.8	63.1	76.6
55°	398.0	418.3	433.5	440.5	433.5	418.3	398.0	363.1	314.3	295.0	300.9
52.5°	552.7	561.5	566.6	566.4	566.6	561.5	552.7	543.2	532.4	514.3	497.3
50°	616.0	620.3	621.8	620.9	621.8	620.3	616.0	609.4	605.5	597.2	567.0
47.5°	909.9	831.2	773.3	759.4	773.3	831.2	909.9	945.6	906.6	827.2	737.2
45°	1295.9	1325.8	1355.6	1364.8	1355.6	1325.8	1295.9	1282.3	1254.0	1219.5	1183.8
42.5°	1429.6	1439.4	1444.9	1445.1	1444.9	1439.4	1429.6	1417.0	1386.9	1349.2	1302.8
40°	1493.5	1502.6	1507.9	1508.4	1507.9	1502.6	1493.5	1480.9	1458.3	1425.2	1382.8
37.5°	1551.4	1559.2	1564.3	1569.6	1564.3	1559.2	1551.4	1547.7	1544.7	1511.1	1485.8
35°	1813.2	1753.9	1668.6	1681.5	1668.6	1753.9	1813.2	1820.0	1769.3	1675.1	1720.3
32.5°	2263.4	2288.3	2303.9	2330.4	2303.9	2288.3	2263.4	2240.4	2255.1	2203.6	2092.6
30°	2471.1	2479.3	2491.8	2505.0	2491.8	2479.3	2471.1	2464.5	2460.4	2400.3	2333.3
27.5°	2522.9	2531.5	2539.1	2544.7	2539.1	2531.5	2522.9	2518.1	2508.9	2471.2	2414.2
25°	2550.1	2555.4	2563.5	2570.5	2563.5	2555.4	2550.1	2549.0	2541.6	2518.4	2472.6
22.5°	2563.6	2564.1	2570.4	2579.4	2570.4	2564.1	2563.6	2565.7	2562.0	2551.9	2502.1
20°	2572.8	2567.8	2574.3	2580.1	2574.3	2567.8	2572.8	2576.2	2575.2	2575.4	2533.9
17.5°	2690.6	2623.4	2595.8	2596.3	2595.8	2623.4	2690.6	2623.6	2671.1	2693.0	2682.0
15°	3070.5	3095.7	3192.2	3244.5	3192.2	3095.7	3070.5	3142.8	3078.3	3093.3	3036.0
12.5°	3315.6	3306.6	3295.1	3310.8	3295.1	3306.6	3315.6	3317.9	3330.6	3337.3	3320.1
10°	3327.0	3325.9	3305.5	3327.7	3305.5	3325.9	3327.0	3333.8	3349.9	3361.3	3341.6
7.5°	3320.0	3320.6	3311.9	3333.6	3311.9	3320.6	3320.0	3338.1	3349.2	3355.9	3335.8
5°	3324.6	3309.6	3315.3	3327.7	3315.3	3309.6	3324.6	3326.3	3337.1	3345.1	3333.2
2.5°	3311.7	3310.1	3299.1	3307.8	3299.1	3310.1	3311.7	3318.7	3325.0	3328.5	3328.6
0°	3301.9	3293.8	3293.8	3301.2	3293.8	3293.8	3301.9	3314.4	3325.5	3335.1	3338.7
-2.5°	3319.3	3317.6	3316.6	3311.5	3316.6	3317.6	3319.3	3325.0	3330.4	3335.1	3336.9
-5°	3333.6	3329.3	3317.2	3333.6	3317.2	3329.3	3333.6	3339.8	3349.0	3355.6	3353.7
-7.5°	3349.1	3337.9	3326.4	3352.0	3326.4	3337.9	3349.1	3353.9	3365.0	3373.7	3372.8
-10°	3363.1	3347.0	3335.8	3360.8	3335.8	3347.0	3363.1	3374.4	3383.9	3392.1	3393.6
-12.5°	3381.7	3362.8	3355.4	3368.9	3355.4	3362.8	3381.7	3394.8	3405.0	3411.2	3408.7
-15°	3401.5	3388.4	3386.7	3394.7	3386.7	3388.4	3401.5	3415.3	3423.3	3428.4	3419.3
-17.5°	3419.0	3409.8	3414.3	3423.4	3414.3	3409.8	3419.0	3430.1	3436.9	3438.9	3426.4
-20°	3427.3	3422.1	3427.3	3450.0	3427.3	3422.1	3427.3	3434.4	3438.9	3437.8	3419.8



REPORT NUMBER: P645403 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-722-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°	3426.6	3426.9	3435.9	3443.3	3435.9	3426.9	3426.6	3430.4	3430.0	3424.4	3394.1
-25°	3413.5	3420.4	3430.7	3445.5	3430.7	3420.4	3413.5	3413.2	3408.6	3393.9	3363.2
-27.5°	3382.0	3393.4	3404.2	3419.8	3404.2	3393.4	3382.0	3377.5	3369.4	3349.2	3324.3
-30°	3336.4	3350.0	3359.7	3376.3	3359.7	3350.0	3336.4	3328.0	3315.4	3292.3	3254.6
-32.5°	3280.9	3296.3	3307.7	3319.6	3307.7	3296.3	3280.9	3268.2	3254.7	3228.1	3176.1
-35°	3211.5	3228.1	3240.2	3251.1	3240.2	3228.1	3211.5	3194.8	3177.9	3155.1	3095.9
-37.5°	3128.2	3146.1	3159.9	3172.3	3159.9	3146.1	3128.2	3108.2	3090.4	3068.2	3010.7
-40°	3031.1	3049.5	3064.2	3078.0	3064.2	3049.5	3031.1	3008.2	2988.0	2962.1	2912.3
-42.5°	2917.6	2936.1	2951.3	2965.3	2951.3	2936.1	2917.6	2893.2	2868.5	2837.3	2794.1
-45°	2786.5	2805.6	2821.6	2836.4	2821.6	2805.6	2786.5	2761.0	2729.4	2688.8	2637.5
-47.5°	2635.5	2655.9	2669.7	2676.6	2669.7	2655.9	2635.5	2608.5	2571.8	2524.3	2467.9
-50°	2462.5	2482.8	2499.4	2511.6	2499.4	2482.8	2462.5	2435.5	2398.4	2346.9	2287.3
-52.5°	2272.0	2291.4	2305.6	2314.2	2305.6	2291.4	2272.0	2245.8	2209.8	2154.7	2091.9
-55°	2063.4	2083.7	2097.2	2103.6	2097.2	2083.7	2063.4	2036.3	2001.9	1945.8	1883.9
-57.5°	1826.9	1846.2	1860.5	1868.6	1860.5	1846.2	1826.9	1800.5	1767.3	1714.5	1655.0
-60°	1565.2	1582.5	1593.3	1597.6	1593.3	1582.5	1565.2	1541.0	1510.1	1463.7	1409.0
-62.5°	1297.5	1313.8	1324.0	1328.0	1324.0	1313.8	1297.5	1275.6	1248.5	1210.4	1164.7
-65°	1032.8	1043.1	1048.8	1049.6	1048.8	1043.1	1032.8	1017.4	996.7	967.6	932.1
-67.5°	796.8	804.6	809.3	810.9	809.3	804.6	796.8	786.0	772.4	755.1	733.4
-70°	625.2	630.6	633.6	634.2	633.6	630.6	625.2	617.2	606.3	591.9	574.1
-72.5°	466.2	470.0	468.7	465.5	468.7	470.0	466.2	460.7	453.6	445.4	437.1
-75°	363.6	367.8	366.1	363.1	366.1	367.8	363.6	358.5	352.7	346.0	338.4
-77.5°	290.5	294.4	292.5	289.5	292.5	294.4	290.5	285.9	280.7	274.8	267.9
-80°	207.5	209.7	211.3	212.1	211.3	209.7	207.5	204.6	201.3	197.8	195.0
-82.5°	106.2	103.1	101.1	98.7	101.1	103.1	106.2	108.8	110.7	112.0	112.6
-85°	30.0	29.3	29.8	30.2	29.8	29.3	30.0	30.6	31.1	31.5	34.1
-87.5°	8.6	8.8	8.8	8.8	8.8	8.8	8.6	8.3	8.1	7.8	7.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P645403 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-722-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°	0.3	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5
85°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
82.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
80°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
77.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
75°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
72.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
70°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8
67.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.7	0.7	0.7	0.9
65°	0.9	0.8	0.9	1.0	1.1	1.0	1.0	1.1	1.0	1.0	0.9
62.5°	1.5	1.6	1.6	1.6	1.7	2.1	1.9	1.9	1.7	2.1	2.9
60°	3.5	2.8	4.2	4.7	4.0	6.8	11.6	10.4	3.0	16.7	19.2
57.5°	48.7	40.5	84.8	84.5	35.4	47.8	64.0	42.2	27.6	47.2	62.4
55°	339.9	311.3	270.6	266.3	280.3	213.0	178.1	171.4	134.2	87.2	103.6
52.5°	479.1	450.6	422.9	397.1	375.9	353.2	319.9	284.0	272.4	219.4	169.2
50°	542.2	569.9	542.6	475.8	487.7	455.5	408.6	370.3	378.2	345.7	278.7
47.5°	735.3	769.1	769.9	730.1	685.7	672.1	603.3	483.8	491.9	490.5	419.5
45°	1076.5	1029.3	1046.9	990.9	912.7	869.4	867.0	739.2	620.9	601.6	594.8
42.5°	1263.4	1228.5	1192.3	1150.6	1081.4	1012.4	969.8	897.9	802.7	718.4	688.6
40°	1339.1	1298.4	1264.6	1230.1	1174.3	1103.6	1069.3	974.9	903.3	830.4	806.1
37.5°	1430.4	1353.2	1383.3	1318.0	1266.3	1249.0	1222.4	1124.2	965.6	952.2	940.0
35°	1634.4	1562.2	1631.8	1619.4	1413.5	1436.4	1454.1	1333.4	1167.3	1077.3	1079.2
32.5°	2100.0	1933.4	1882.5	1944.8	1836.6	1656.9	1659.5	1622.7	1396.1	1265.1	1207.7
30°	2268.5	2194.5	2114.3	2103.5	2022.9	1919.0	1853.0	1764.6	1599.7	1450.2	1351.9
27.5°	2341.2	2274.1	2206.6	2154.6	2107.9	2037.3	1951.2	1847.4	1730.0	1596.1	1500.6
25°	2393.1	2318.0	2259.7	2202.3	2152.1	2098.7	2010.6	1909.5	1800.0	1692.0	1589.5
22.5°	2434.8	2364.7	2302.1	2240.2	2199.5	2142.1	2063.0	1958.5	1885.1	1816.4	1683.2
20°	2480.4	2412.9	2342.3	2345.3	2285.3	2189.4	2113.4	2061.4	2051.3	1974.1	1802.1
17.5°	2678.4	2492.7	2527.2	2592.7	2460.5	2286.4	2259.3	2262.2	2230.2	2158.5	1944.6
15°	3102.6	2834.4	2836.7	2881.8	2738.5	2524.7	2475.3	2469.3	2419.0	2339.6	2095.0
12.5°	3236.2	3146.6	3130.1	3063.1	2922.4	2762.5	2704.1	2672.3	2580.1	2426.5	2203.2
10°	3281.3	3229.4	3160.4	3092.8	3007.4	2943.2	2859.9	2744.7	2613.8	2465.6	2283.9
7.5°	3286.6	3232.8	3177.2	3112.8	3037.9	2962.5	2880.2	2765.7	2639.2	2493.8	2340.7
5°	3283.5	3229.8	3178.3	3116.7	3040.7	2967.7	2893.1	2779.8	2656.3	2512.2	2378.0
2.5°	3275.5	3221.2	3172.2	3116.2	3040.5	2970.1	2901.1	2795.0	2668.5	2527.3	2390.5
0°	3287.2	3233.4	3187.0	3124.4	3055.9	2974.2	2904.9	2810.6	2674.4	2537.4	2395.2
-2.5°	3292.2	3236.7	3194.2	3123.6	3066.8	2983.4	2913.2	2822.1	2685.5	2555.2	2406.6
-5°	3318.8	3263.6	3208.0	3137.2	3077.5	2999.5	2920.6	2826.8	2693.9	2564.8	2411.8
-7.5°	3336.2	3280.2	3215.6	3147.0	3087.0	3012.6	2925.1	2827.2	2701.5	2564.6	2414.2
-10°	3347.2	3288.6	3224.8	3154.5	3092.6	3015.9	2923.6	2824.8	2700.0	2558.6	2408.8
-12.5°	3362.5	3296.6	3230.9	3151.2	3089.0	3010.3	2918.1	2819.2	2688.4	2547.4	2395.0
-15°	3368.3	3300.6	3223.8	3145.6	3077.7	3001.1	2905.9	2802.4	2668.2	2530.2	2372.5
-17.5°	3370.7	3293.7	3211.8	3136.8	3063.6	2982.4	2881.9	2771.9	2642.3	2499.7	2342.7
-20°	3368.8	3279.2	3194.9	3113.2	3036.5	2954.1	2850.4	2741.5	2605.3	2460.2	2304.3

Classified

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

Scaled Data Report



REPORT NUMBER: P645403 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-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°	3334.4	3253.3	3167.9	3079.4	3004.0	2916.5	2815.1	2702.3	2557.2	2416.9	2255.3
-25°	3296.6	3214.6	3126.4	3044.1	2963.8	2876.9	2772.6	2644.7	2506.9	2361.0	2195.9
-27.5°	3251.8	3165.7	3074.6	2990.8	2906.0	2820.5	2712.7	2583.8	2451.2	2291.6	2131.3
-30°	3191.5	3102.5	3009.7	2913.8	2836.3	2749.1	2642.5	2517.3	2374.9	2217.3	2064.8
-32.5°	3109.5	3025.8	2933.0	2841.8	2760.8	2669.4	2561.7	2437.5	2288.0	2138.9	1980.3
-35°	3026.1	2939.4	2850.9	2765.1	2679.8	2584.1	2474.2	2339.0	2196.1	2048.4	1883.8
-37.5°	2931.0	2840.7	2757.5	2676.0	2588.0	2489.8	2368.6	2237.9	2098.6	1936.3	1779.6
-40°	2828.7	2741.8	2650.9	2570.3	2476.5	2377.5	2260.3	2133.3	1980.1	1819.7	1672.4
-42.5°	2707.3	2620.4	2526.9	2437.2	2346.0	2251.8	2146.0	2008.6	1856.8	1705.5	1552.5
-45°	2560.8	2473.8	2381.9	2289.3	2204.0	2112.5	2014.0	1867.6	1717.6	1573.4	1426.6
-47.5°	2395.8	2311.5	2222.8	2131.1	2050.0	1958.1	1838.1	1701.9	1569.2	1431.9	1281.6
-50°	2216.7	2136.5	2054.4	1969.4	1878.2	1774.6	1659.4	1540.5	1409.1	1268.2	1130.9
-52.5°	2020.9	1947.5	1870.1	1788.3	1694.2	1591.3	1483.5	1357.2	1226.1	1106.5	981.7
-55°	1816.6	1744.1	1667.6	1585.9	1498.2	1396.4	1284.6	1169.8	1062.8	952.2	856.9
-57.5°	1590.5	1521.8	1448.9	1371.8	1290.8	1196.1	1098.1	1000.7	915.9	830.0	743.6
-60°	1348.9	1284.8	1222.7	1154.4	1079.6	998.1	926.7	854.8	782.9	714.3	644.7
-62.5°	1114.9	1061.2	1005.5	950.0	893.2	834.4	775.2	719.7	662.9	604.8	553.5
-65°	893.7	852.9	808.9	770.6	730.3	687.7	640.1	596.6	555.3	512.7	469.2
-67.5°	708.1	678.9	647.9	617.6	589.9	560.5	527.1	491.9	459.2	427.7	395.6
-70°	555.5	536.2	516.0	493.9	471.8	449.6	425.0	399.1	372.9	349.3	326.7
-72.5°	426.3	413.0	397.7	381.8	364.8	349.7	332.9	315.4	297.6	279.7	262.6
-75°	329.8	320.2	309.7	297.8	283.4	266.4	253.8	245.3	234.5	221.5	207.2
-77.5°	260.9	253.8	246.3	236.2	225.7	214.8	204.1	193.6	183.1	173.2	164.2
-80°	192.0	188.6	184.5	176.1	167.6	159.3	151.3	144.8	138.7	132.0	123.8
-82.5°	112.7	112.3	111.1	106.4	101.7	97.0	92.5	87.9	83.1	78.1	73.0
-85°	36.4	38.4	40.0	40.8	41.3	41.4	41.1	40.0	38.6	37.0	35.2
-87.5°	7.9	8.0	8.0	8.3	8.6	8.8	9.0	9.5	9.8	10.2	10.4
-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: P645403 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3B-722-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	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.4
85°	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.7	0.8	0.8
82.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.9	1.1	1.2
80°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.9	1.1	1.3
77.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.9	1.1	1.3
75°	0.7	0.7	0.7	0.7	0.8	0.7	0.7	0.8	1.0	1.2	1.3
72.5°	0.7	0.7	0.7	0.8	0.9	0.9	0.8	0.8	1.0	1.2	1.4
70°	0.8	0.7	0.7	0.8	1.0	1.2	1.2	1.2	1.0	1.2	1.4
67.5°	1.1	1.1	1.0	1.0	1.1	1.3	1.4	1.7	1.6	1.2	1.4
65°	1.1	1.3	1.6	2.1	1.8	1.3	1.5	2.9	2.3	2.0	1.4
62.5°	2.4	1.4	4.7	6.2	3.5	2.8	2.2	6.4	4.0	2.7	2.0
60°	5.8	4.7	13.0	20.8	14.5	4.9	7.2	11.2	10.2	3.5	2.8
57.5°	54.0	18.5	26.9	38.9	38.2	20.7	15.1	20.2	17.4	10.0	3.9
55°	115.3	97.1	64.1	58.7	63.4	51.2	33.3	32.7	26.8	18.6	6.3
52.5°	158.2	165.1	143.7	100.4	87.4	83.3	65.1	47.4	42.1	27.9	16.1
50°	229.0	213.3	211.1	177.2	122.6	111.0	96.1	74.1	59.1	39.9	27.3
47.5°	323.5	284.2	263.3	248.1	195.6	141.5	126.0	101.3	77.8	57.5	38.9
45°	462.3	367.3	327.0	302.3	268.0	198.9	157.7	127.7	101.4	77.2	51.2
42.5°	601.7	474.9	399.7	359.8	324.1	263.8	191.5	158.2	124.4	97.2	66.6
40°	724.7	585.9	476.1	424.8	379.2	326.5	246.4	190.8	146.9	117.8	84.3
37.5°	872.9	712.2	564.0	492.9	437.9	378.9	302.0	224.9	174.0	139.4	101.9
35°	1016.1	875.7	662.3	575.2	503.3	432.6	355.6	265.1	207.2	161.4	119.5
32.5°	1169.9	1029.5	810.9	667.0	570.9	487.4	405.8	314.1	240.6	183.6	137.1
30°	1291.1	1130.7	941.3	759.0	644.5	548.7	455.8	361.1	274.2	206.1	154.9
27.5°	1355.3	1218.3	1044.2	861.5	727.3	611.5	507.3	406.0	307.6	230.7	173.3
25°	1421.7	1280.0	1117.7	951.1	809.1	677.9	558.7	448.8	344.2	258.5	191.6
22.5°	1501.2	1332.5	1179.7	1022.1	893.4	745.3	612.5	492.2	380.8	285.8	209.6
20°	1580.9	1381.2	1240.9	1118.8	976.2	818.2	668.8	534.4	415.3	312.4	227.1
17.5°	1664.7	1469.7	1344.8	1213.1	1058.7	888.9	724.3	575.4	447.6	338.1	244.2
15°	1810.4	1602.2	1449.5	1304.9	1140.8	956.8	778.4	614.8	477.8	362.8	260.1
12.5°	1942.7	1725.5	1554.2	1393.6	1221.5	1021.6	830.6	652.2	505.8	382.5	274.3
10°	2052.2	1839.9	1657.7	1478.7	1299.9	1082.8	880.4	682.7	522.5	397.2	287.3
7.5°	2141.9	1945.6	1758.7	1559.8	1367.2	1122.8	905.4	700.5	535.5	409.7	299.3
5°	2206.6	2016.1	1812.3	1588.0	1388.2	1139.2	922.5	715.0	546.0	420.2	310.0
2.5°	2225.3	2037.7	1832.4	1603.5	1402.5	1149.8	934.6	726.0	554.1	428.7	319.5
0°	2236.1	2052.0	1845.0	1613.0	1409.7	1154.9	942.0	733.6	559.8	435.3	327.8
-2.5°	2251.3	2064.3	1857.2	1637.5	1414.5	1170.3	946.2	738.5	567.0	437.7	332.6
-5°	2258.9	2069.1	1863.1	1653.9	1413.3	1179.5	945.7	740.1	571.7	438.5	336.2
-7.5°	2255.6	2067.5	1863.3	1659.1	1406.9	1181.7	940.6	738.5	573.6	437.9	338.4
-10°	2245.4	2059.1	1856.2	1645.8	1401.0	1173.3	931.4	733.8	572.5	436.0	339.2
-12.5°	2229.9	2043.4	1841.6	1626.6	1388.7	1156.1	920.6	725.7	567.9	433.0	338.6
-15°	2209.9	2020.6	1819.5	1602.2	1368.6	1133.2	904.4	714.0	558.9	429.6	336.6
-17.5°	2184.1	1990.9	1789.8	1573.4	1340.2	1104.9	882.6	698.8	547.6	425.4	332.6
-20°	2138.2	1951.0	1751.9	1540.5	1303.3	1071.2	855.2	680.1	534.2	419.5	326.8

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CATALOG NUMBER: GFLD-SA3B-722-U-LAM-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2086.5	1901.6	1704.8	1496.2	1258.9	1032.6	822.0	657.8	518.7	411.7	319.8
-25°	2031.4	1845.9	1650.0	1434.9	1209.8	991.7	788.8	632.0	501.3	402.2	311.7
-27.5°	1966.7	1782.9	1587.9	1367.3	1152.9	944.3	757.0	609.2	484.5	390.8	302.5
-30°	1894.0	1708.8	1510.2	1295.3	1090.4	889.4	721.3	584.8	470.2	378.3	292.3
-32.5°	1810.7	1627.1	1424.2	1221.5	1024.4	831.3	681.8	558.7	453.8	365.1	282.8
-35°	1715.8	1532.1	1333.1	1142.3	954.5	784.3	643.3	531.0	435.1	350.8	272.9
-37.5°	1616.9	1430.2	1241.9	1059.6	880.1	733.4	608.7	503.7	414.2	335.4	261.9
-40°	1504.1	1325.3	1146.2	974.4	815.8	678.7	571.2	476.7	394.5	319.1	249.8
-42.5°	1387.8	1215.3	1046.4	884.2	752.3	634.3	531.9	447.7	373.7	303.4	236.7
-45°	1262.5	1099.1	940.3	808.2	687.7	587.2	497.5	417.5	351.5	287.3	223.2
-47.5°	1130.3	976.6	843.8	729.1	632.8	539.9	460.9	391.5	328.2	270.0	209.7
-50°	990.2	862.6	755.0	660.3	573.6	497.2	424.5	364.2	306.8	250.9	195.5
-52.5°	866.1	763.9	674.8	593.8	521.4	452.4	393.1	336.2	284.8	232.6	180.7
-55°	759.8	676.0	600.9	533.4	469.7	414.0	360.4	311.3	262.2	214.3	165.7
-57.5°	668.0	594.8	534.6	476.0	423.4	375.8	330.7	285.9	240.5	195.4	153.8
-60°	579.8	525.1	471.5	424.4	379.9	339.6	302.7	260.6	218.6	176.4	140.6
-62.5°	503.5	456.9	416.4	375.3	338.3	305.5	274.5	235.8	196.2	158.9	126.3
-65°	432.1	396.3	361.8	329.0	298.4	270.5	245.5	210.3	173.6	140.3	111.4
-67.5°	364.3	337.3	310.3	282.8	258.6	236.1	214.7	182.9	150.0	120.8	96.7
-70°	303.7	280.7	259.5	239.0	219.5	200.7	180.5	153.6	125.4	103.3	81.6
-72.5°	246.5	229.7	212.1	195.3	180.8	164.3	145.7	124.8	105.0	85.4	66.1
-75°	193.6	182.5	170.1	156.8	143.3	128.5	116.2	101.6	84.3	67.2	53.3
-77.5°	154.9	144.1	131.7	121.0	112.0	101.9	90.7	78.0	64.3	52.3	41.2
-80°	114.3	106.0	98.9	92.8	84.4	75.2	66.0	56.7	46.7	37.4	28.9
-82.5°	69.7	67.9	65.9	63.1	56.1	49.3	42.6	36.0	28.9	22.4	18.5
-85°	34.9	34.1	33.1	31.7	27.4	23.2	21.2	19.2	16.9	14.6	12.4
-87.5°	11.4	12.3	13.0	13.5	12.6	11.6	10.6	9.6	8.4	7.3	6.2
-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):**

	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	0.6	0.5	0.4	0.3	0.2	0.0
82.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
80°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
77.5°	1.5	1.5	1.3	1.0	0.7	0.4	0.0
75°	1.5	1.6	1.5	1.2	0.8	0.5	0.0
72.5°	1.5	1.6	1.6	1.3	0.9	0.6	0.0
70°	1.6	1.7	1.6	1.5	1.1	0.6	0.0
67.5°	1.8	1.7	1.7	1.6	1.2	0.7	0.0
65°	2.0	2.0	1.8	1.7	1.3	0.8	0.0
62.5°	2.3	2.4	1.9	1.7	1.5	0.9	0.0
60°	2.7	3.0	1.9	1.8	1.6	0.9	0.0
57.5°	5.1	3.6	2.5	1.9	1.7	1.0	0.0
55°	8.0	4.2	3.1	1.9	1.7	1.1	0.0
52.5°	11.5	5.4	3.8	2.0	1.8	1.2	0.0
50°	15.5	9.2	4.4	2.1	1.9	1.2	0.0
47.5°	20.9	13.2	5.1	2.3	2.0	1.3	0.0
45°	31.5	17.6	5.9	2.9	2.1	1.4	0.0
42.5°	42.4	22.2	6.6	3.4	2.2	1.4	0.0
40°	53.5	27.1	8.9	4.1	2.3	1.5	0.0
37.5°	64.9	32.3	12.8	5.0	2.4	1.6	0.0
35°	76.4	40.1	16.7	6.0	2.5	1.6	0.0
32.5°	88.9	49.2	20.6	7.1	2.6	1.7	0.0
30°	103.2	58.2	24.6	8.3	2.7	1.8	0.0
27.5°	117.2	67.1	29.5	9.5	2.8	1.8	0.0
25°	130.8	75.9	34.6	10.8	2.8	1.9	0.0
22.5°	144.1	84.8	39.6	12.2	2.9	1.9	0.0
20°	156.9	94.4	44.6	13.6	3.0	2.0	0.0
17.5°	169.6	103.7	49.5	15.0	3.1	2.0	0.0
15°	181.8	112.6	54.3	16.4	3.2	2.0	0.0
12.5°	193.2	121.1	58.9	17.9	3.3	2.1	0.0
10°	203.8	129.1	63.3	19.3	3.4	2.1	0.0
7.5°	213.5	136.6	67.5	20.7	3.5	2.1	0.0
5°	222.3	143.5	71.4	22.0	3.6	2.2	0.0
2.5°	230.2	149.8	74.9	23.2	3.6	2.2	0.0
0°	237.2	155.4	78.1	24.3	3.7	2.2	0.0
-2.5°	240.7	158.9	81.1	25.9	4.3	2.3	0.0
-5°	243.2	161.7	83.6	27.3	4.8	2.4	0.0
-7.5°	244.8	163.8	85.7	28.6	5.4	2.6	0.0
-10°	245.5	165.1	87.2	29.8	5.9	2.7	0.0
-12.5°	245.4	165.6	88.3	30.7	6.4	2.8	0.0
-15°	244.4	165.4	88.8	31.5	6.9	2.9	0.0
-17.5°	242.6	164.4	88.7	32.0	7.3	2.9	0.0
-20°	239.9	162.6	88.1	32.3	7.7	3.0	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	235.9	160.2	86.8	32.4	8.1	3.1	0.0
-25°	230.9	156.3	85.0	32.3	8.4	3.1	0.0
-27.5°	225.1	151.5	82.5	31.9	8.7	3.2	0.0
-30°	218.3	146.0	79.4	31.2	8.9	3.2	0.0
-32.5°	210.6	139.9	75.8	30.3	9.1	3.2	0.0
-35°	202.3	133.2	71.7	29.1	9.2	3.2	0.0
-37.5°	193.3	126.4	67.3	27.7	9.3	3.2	0.0
-40°	183.7	120.3	62.5	25.9	9.3	3.1	0.0
-42.5°	173.3	113.7	58.8	24.1	9.2	3.1	0.0
-45°	162.4	106.7	56.3	22.2	9.1	3.0	0.0
-47.5°	150.8	99.3	53.4	20.0	9.0	3.0	0.0
-50°	141.1	91.5	50.0	19.3	8.7	2.9	0.0
-52.5°	131.4	83.3	46.2	18.9	8.5	2.8	0.0
-55°	121.4	77.1	42.0	18.3	8.1	2.6	0.0
-57.5°	110.9	70.9	37.4	17.6	7.7	2.5	0.0
-60°	100.3	64.0	32.5	16.6	7.3	2.4	0.0
-62.5°	90.7	56.6	30.2	15.4	6.9	2.2	0.0
-65°	80.3	48.7	27.6	14.0	6.4	2.1	0.0
-67.5°	69.3	42.1	24.6	12.5	5.9	1.9	0.0
-70°	57.6	36.9	21.4	10.9	5.3	1.7	0.0
-72.5°	48.8	31.2	18.0	9.6	4.7	1.5	0.0
-75°	39.9	25.2	14.3	8.3	4.1	1.3	0.0
-77.5°	30.5	18.9	11.8	7.0	3.4	1.1	0.0
-80°	20.8	14.4	9.6	5.7	2.8	0.9	0.0
-82.5°	15.3	10.9	7.2	4.3	2.1	0.7	0.0
-85°	10.3	7.3	4.8	2.9	1.4	0.4	0.0
-87.5°	5.1	3.7	2.4	1.4	0.7	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)