

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: P645375 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2C-740-U-LAM-VSR-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645375 (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-740-U-LAM-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, LAMBERTIAN WITH VISOR
Light Source: (32) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

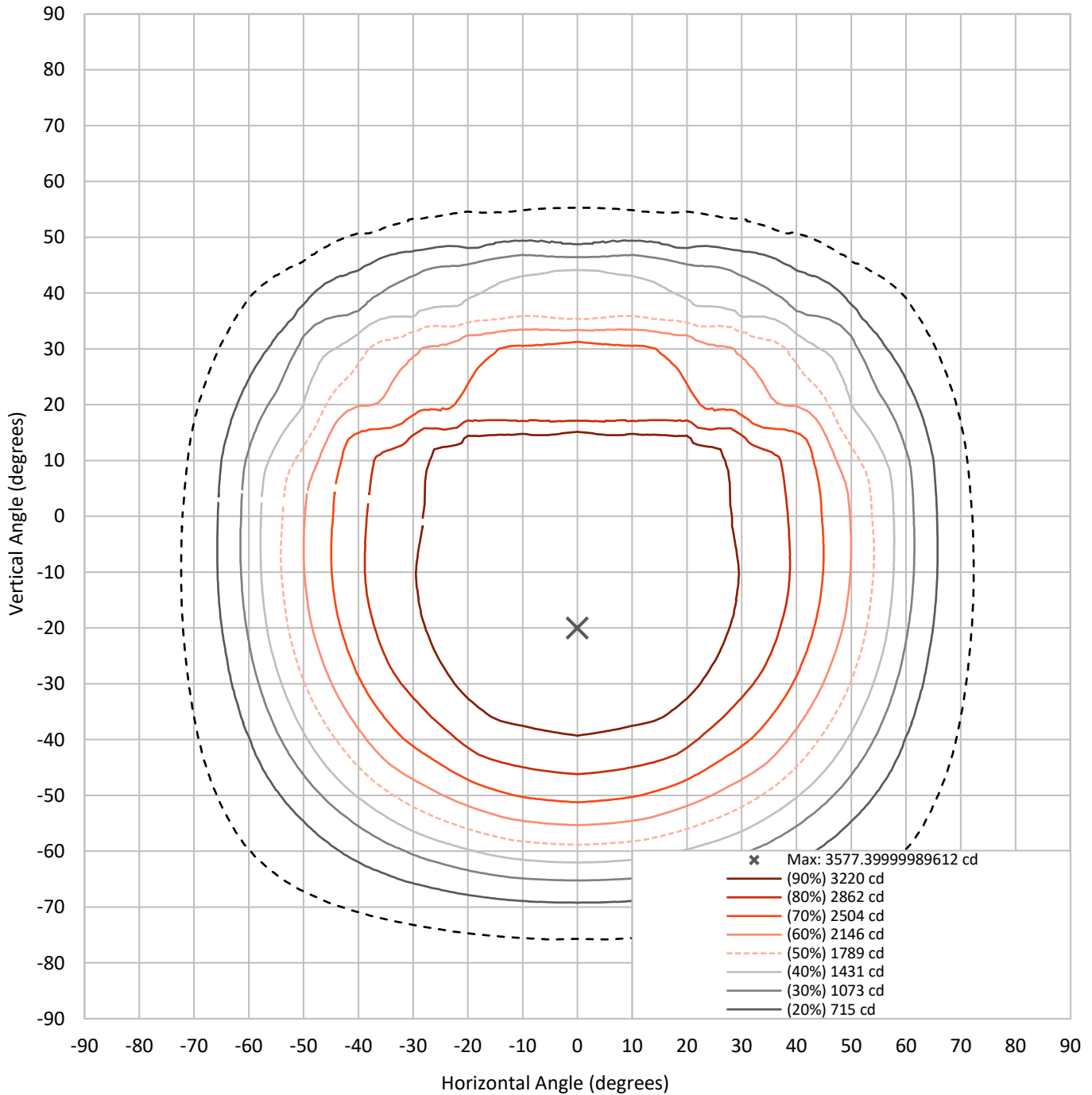
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	8388.3 lumens	Max Intensity:	3577.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	101.6 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:	6557.5 lumens	Field Lumens:	8221.7 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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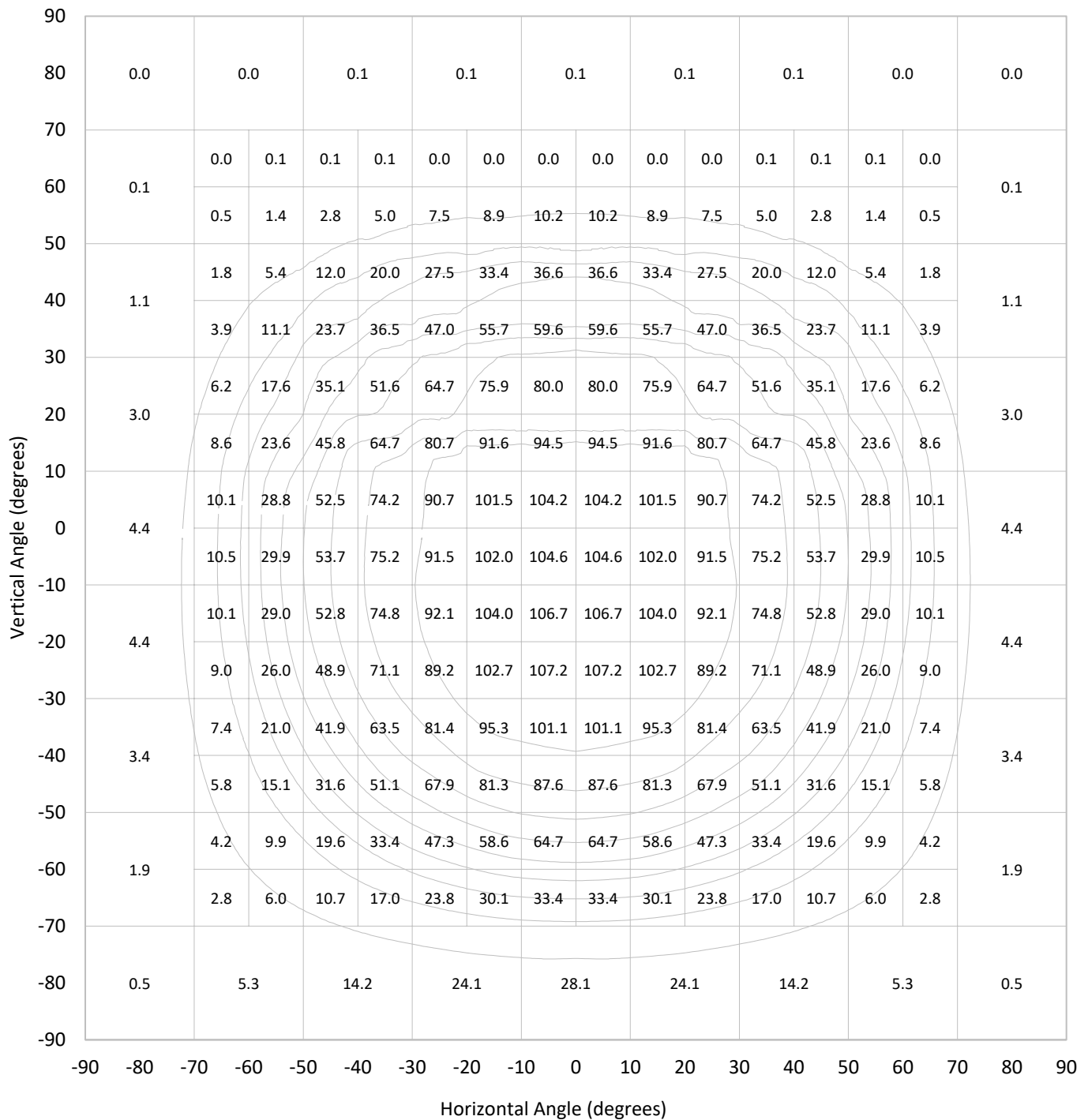
Iso-Candela Plot





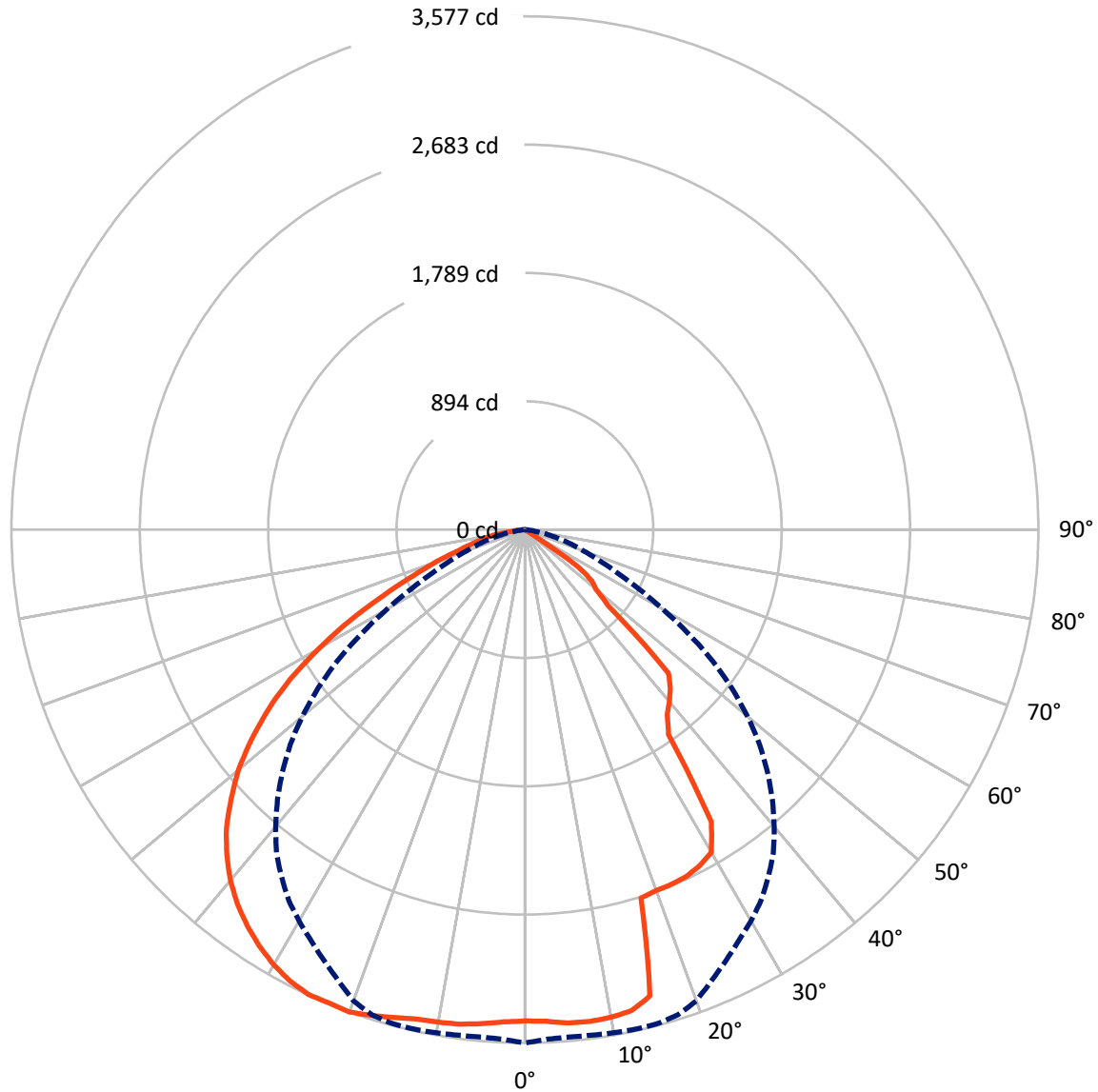
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Lumen Table



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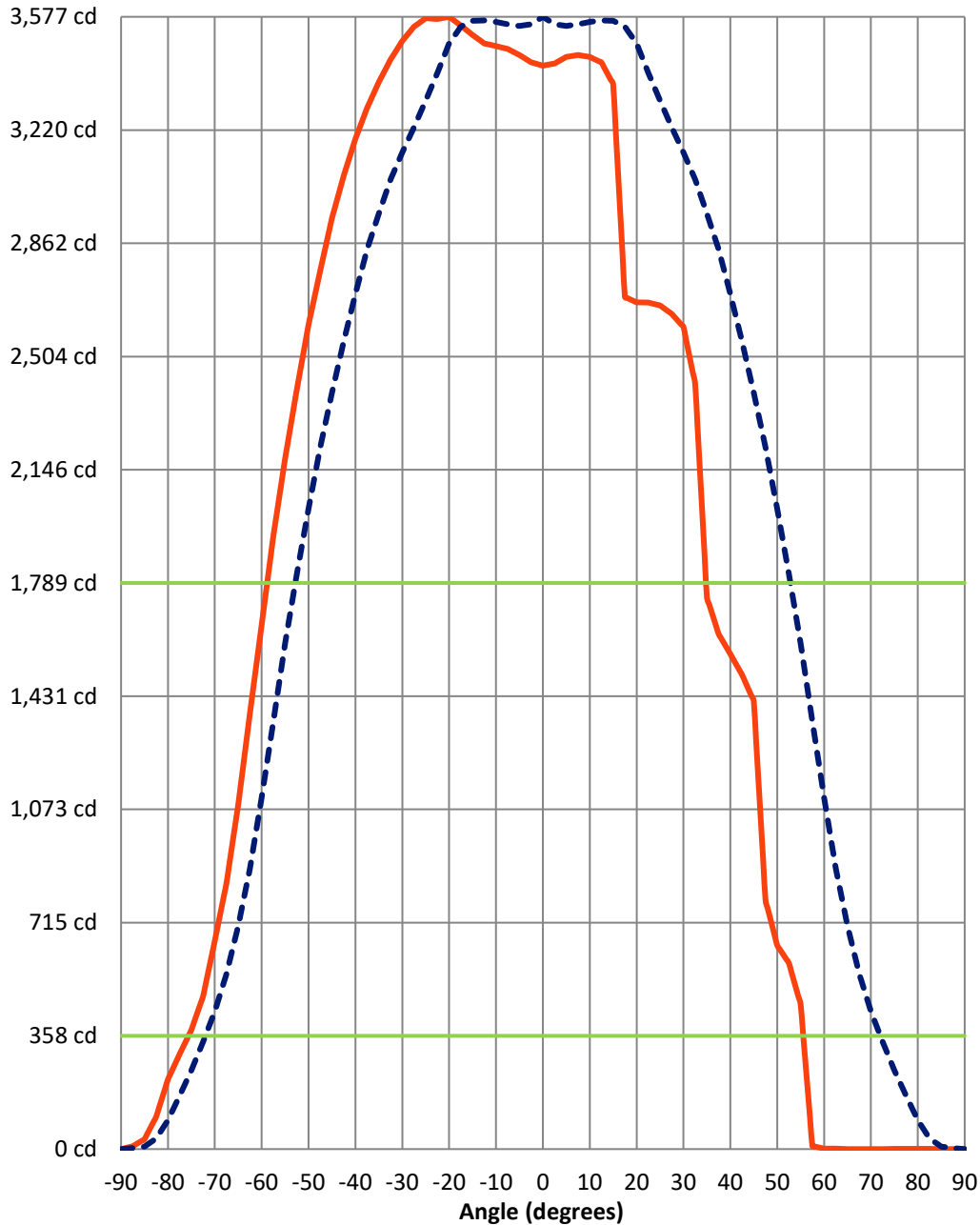
Luminous Intensity Polar Plot



— 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: 6557.5
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 8221.7
 Efficiency: 98.0%

Spill:
 Lumens: 166.6
 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	0.4	0.3
85°	0.0	0.2	0.3	0.4	0.5	0.6	0.8	0.8	0.8	0.7	0.7
82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.2	1.2	1.0	0.8
80°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.3	1.2	1.0	0.8
77.5°	0.0	0.4	0.7	1.0	1.3	1.5	1.5	1.4	1.2	1.0	0.8
75°	0.0	0.5	0.8	1.2	1.5	1.6	1.5	1.4	1.2	1.0	0.9
72.5°	0.0	0.6	0.9	1.3	1.6	1.6	1.5	1.4	1.2	1.0	0.9
70°	0.0	0.7	1.1	1.5	1.7	1.7	1.6	1.4	1.2	1.1	1.2
67.5°	0.0	0.7	1.2	1.6	1.7	1.7	1.8	1.4	1.3	1.7	1.7
65°	0.0	0.8	1.3	1.7	1.8	2.0	2.0	1.4	2.0	2.4	3.0
62.5°	0.0	0.9	1.5	1.8	1.9	2.5	2.4	2.0	2.8	4.2	6.6
60°	0.0	1.0	1.6	1.8	2.0	3.1	2.8	2.9	3.7	10.6	11.5
57.5°	0.0	1.1	1.7	1.9	2.6	3.7	5.2	4.1	10.4	18.0	20.9
55°	0.0	1.1	1.8	2.0	3.2	4.3	8.3	6.6	19.3	27.8	33.9
52.5°	0.0	1.2	1.9	2.1	3.9	5.5	12.0	16.8	28.9	43.7	49.2
50°	0.0	1.3	2.0	2.2	4.6	9.5	16.1	28.3	41.4	61.2	76.8
47.5°	0.0	1.4	2.1	2.4	5.3	13.7	21.7	40.4	59.6	80.7	105.0
45°	0.0	1.4	2.1	3.0	6.1	18.2	32.7	53.1	80.0	105.1	132.4
42.5°	0.0	1.5	2.2	3.6	6.9	23.0	44.0	69.1	100.8	128.9	164.0
40°	0.0	1.6	2.3	4.3	9.3	28.1	55.5	87.4	122.1	152.3	197.9
37.5°	0.0	1.6	2.4	5.2	13.2	33.5	67.3	105.6	144.6	180.4	233.2
35°	0.0	1.7	2.5	6.2	17.3	41.6	79.2	123.9	167.4	214.9	275.0
32.5°	0.0	1.8	2.6	7.3	21.4	51.0	92.2	142.1	190.4	249.6	325.7
30°	0.0	1.8	2.7	8.6	25.5	60.3	107.0	160.5	213.7	284.3	374.5
27.5°	0.0	1.9	2.8	9.8	30.6	69.6	121.5	179.7	239.3	319.0	421.0
25°	0.0	1.9	2.9	11.2	35.8	78.7	135.7	198.6	268.1	356.9	465.4
22.5°	0.0	2.0	3.0	12.6	41.0	87.9	149.4	217.3	296.4	394.8	510.3
20°	0.0	2.0	3.1	14.1	46.2	97.9	162.7	235.5	323.9	430.6	554.2
17.5°	0.0	2.1	3.2	15.6	51.3	107.5	175.8	253.3	350.6	464.1	596.6
15°	0.0	2.1	3.3	17.1	56.2	116.8	188.5	269.8	376.2	495.4	637.4
12.5°	0.0	2.2	3.4	18.5	61.0	125.6	200.3	284.5	396.6	524.4	676.2
10°	0.0	2.2	3.5	20.0	65.6	133.9	211.2	298.0	411.9	541.8	707.9
7.5°	0.0	2.2	3.6	21.4	70.0	141.7	221.3	310.3	424.9	555.3	726.3
5°	0.0	2.3	3.7	22.8	74.0	148.9	230.4	321.4	435.7	566.1	741.3
2.5°	0.0	2.3	3.7	24.0	77.7	155.4	238.7	331.3	444.5	574.5	752.8
0°	0.0	2.3	3.8	25.2	81.0	161.2	245.9	339.9	451.4	580.4	760.7
-2.5°	0.0	2.4	4.4	26.8	84.1	164.9	249.5	344.9	453.9	587.9	765.8
-5°	0.0	2.6	5.0	28.4	86.7	167.8	252.1	348.6	454.7	592.8	767.5
-7.5°	0.0	2.7	5.6	29.7	88.8	169.9	253.8	350.9	454.1	594.8	765.8
-10°	0.0	2.8	6.1	30.9	90.4	171.2	254.6	351.7	452.1	593.6	760.9
-12.5°	0.0	2.9	6.6	31.9	91.5	171.7	254.5	351.1	449.0	588.9	752.6
-15°	0.0	3.0	7.1	32.7	92.0	171.5	253.5	349.1	445.5	579.5	740.4
-17.5°	0.0	3.1	7.6	33.2	92.0	170.4	251.6	344.9	441.1	567.8	724.7
-20°	0.0	3.1	8.0	33.6	91.3	168.6	248.7	338.9	435.0	553.9	705.2

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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	8.4	33.7	90.0	166.0	244.6	331.6	426.9	537.9	682.1
-25°	0.0	3.3	8.8	33.5	88.1	162.0	239.5	323.3	417.0	519.8	655.4
-27.5°	0.0	3.3	9.0	33.1	85.5	157.1	233.4	313.7	405.2	502.4	631.7
-30°	0.0	3.3	9.3	32.4	82.3	151.4	226.3	303.1	392.3	487.6	606.4
-32.5°	0.0	3.3	9.5	31.5	78.6	145.1	218.4	293.3	378.6	470.5	579.3
-35°	0.0	3.3	9.6	30.3	74.4	138.1	209.7	283.0	363.7	451.2	550.6
-37.5°	0.0	3.3	9.6	28.7	69.8	131.1	200.4	271.5	347.8	429.5	522.3
-40°	0.0	3.3	9.7	27.0	64.9	124.7	190.4	259.0	330.9	409.1	494.3
-42.5°	0.0	3.2	9.6	25.0	61.1	117.9	179.7	245.5	314.6	387.5	464.2
-45°	0.0	3.2	9.5	23.1	58.5	110.6	168.4	231.5	297.9	364.5	433.0
-47.5°	0.0	3.1	9.3	20.8	55.4	103.0	156.4	217.5	280.0	340.3	405.9
-50°	0.0	3.0	9.1	20.1	51.9	94.9	146.3	202.7	260.2	318.2	377.6
-52.5°	0.0	2.9	8.8	19.7	48.0	86.4	136.3	187.4	241.3	295.4	348.6
-55°	0.0	2.8	8.4	19.1	43.6	80.0	125.9	171.8	222.3	271.9	322.9
-57.5°	0.0	2.6	8.0	18.2	38.8	73.5	115.0	159.5	202.6	249.4	296.5
-60°	0.0	2.5	7.6	17.2	33.8	66.4	104.0	145.8	182.9	226.7	270.2
-62.5°	0.0	2.3	7.1	16.0	31.4	58.8	94.0	131.0	164.8	203.4	244.5
-65°	0.0	2.1	6.6	14.6	28.6	50.6	83.3	115.5	145.5	180.0	218.1
-67.5°	0.0	2.0	6.1	13.0	25.6	43.7	71.8	100.2	125.2	155.5	189.6
-70°	0.0	1.8	5.5	11.3	22.2	38.2	59.8	84.6	107.1	130.0	159.3
-72.5°	0.0	1.6	4.9	9.9	18.6	32.4	50.6	68.6	88.6	108.8	129.3
-75°	0.0	1.4	4.2	8.6	14.8	26.1	41.3	55.3	69.7	87.4	105.3
-77.5°	0.0	1.1	3.6	7.3	12.2	19.6	31.6	42.7	54.2	66.7	80.9
-80°	0.0	0.9	2.9	5.9	9.9	14.9	21.6	29.9	38.8	48.5	58.8
-82.5°	0.0	0.7	2.2	4.4	7.5	11.3	15.8	19.2	23.2	30.0	37.3
-85°	0.0	0.5	1.5	3.0	5.0	7.6	10.6	12.8	15.1	17.5	20.0
-87.5°	0.0	0.2	0.7	1.5	2.5	3.8	5.3	6.4	7.6	8.8	10.0
-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-740-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	0.8	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°	1.2	1.2	1.1	0.9	0.8	0.8	0.9	0.9	0.8	0.8	0.8
67.5°	1.5	1.3	1.1	1.1	1.1	1.2	1.1	1.0	0.8	0.8	0.8
65°	1.5	1.3	1.9	2.2	1.6	1.3	1.2	1.0	1.1	1.1	1.1
62.5°	2.2	2.8	3.6	6.4	4.8	1.4	2.5	3.0	2.2	1.8	1.9
60°	7.4	5.1	15.1	21.6	13.4	4.9	6.0	20.0	17.3	3.2	10.8
57.5°	15.7	21.5	39.6	40.4	27.9	19.3	56.0	64.7	49.0	28.6	43.8
55°	34.6	53.1	65.7	60.9	66.5	100.6	119.6	107.4	90.5	139.1	177.7
52.5°	67.5	86.4	90.7	104.1	149.0	171.2	164.0	175.4	227.5	282.6	294.5
50°	99.6	115.1	127.1	183.8	218.9	221.1	237.4	289.0	358.5	392.2	384.0
47.5°	130.7	146.7	202.8	257.3	273.1	294.7	335.4	435.0	508.6	510.0	501.7
45°	163.5	206.3	278.0	313.5	339.1	380.8	479.4	616.8	623.9	643.8	766.5
42.5°	198.6	273.6	336.1	373.1	414.4	492.4	623.9	714.0	745.0	832.4	931.0
40°	255.5	338.6	393.2	440.4	493.6	607.5	751.5	835.9	861.1	936.7	1010.9
37.5°	313.2	392.9	454.1	511.1	584.8	738.5	905.1	974.7	987.4	1001.2	1165.7
35°	368.8	448.6	521.9	596.4	686.8	908.0	1053.7	1119.1	1117.1	1210.4	1382.6
32.5°	420.8	505.5	592.0	691.7	840.9	1067.5	1213.2	1252.4	1311.8	1447.6	1682.6
30°	472.7	569.0	668.3	787.1	976.0	1172.5	1338.8	1401.8	1503.7	1658.7	1829.8
27.5°	526.1	634.1	754.2	893.3	1082.7	1263.4	1405.4	1556.0	1655.0	1794.0	1915.6
25°	579.3	703.0	839.0	986.3	1159.0	1327.4	1474.2	1648.2	1754.5	1866.5	1980.0
22.5°	635.2	772.9	926.4	1059.9	1223.3	1381.8	1556.6	1745.4	1883.6	1954.7	2030.9
20°	693.5	848.5	1012.2	1160.1	1286.8	1432.3	1639.3	1868.6	2047.1	2127.1	2137.6
17.5°	751.0	921.7	1097.8	1257.9	1394.5	1524.0	1726.1	2016.4	2238.2	2312.7	2345.7
15°	807.1	992.2	1182.9	1353.1	1503.0	1661.4	1877.2	2172.4	2426.0	2508.4	2560.5
12.5°	861.3	1059.4	1266.6	1445.1	1611.6	1789.2	2014.4	2284.6	2516.1	2675.5	2771.1
10°	912.9	1122.8	1347.9	1533.4	1719.0	1907.8	2128.0	2368.2	2556.7	2710.4	2846.1
7.5°	938.9	1164.3	1417.7	1617.4	1823.6	2017.4	2220.9	2427.1	2585.8	2736.7	2867.9
5°	956.6	1181.3	1439.5	1646.7	1879.2	2090.5	2288.1	2465.9	2604.9	2754.4	2882.6
2.5°	969.2	1192.4	1454.3	1662.7	1900.1	2113.0	2307.5	2478.8	2620.6	2767.1	2898.3
0°	976.8	1197.6	1461.8	1672.6	1913.2	2127.8	2318.7	2483.7	2631.1	2773.2	2914.5
-2.5°	981.1	1213.6	1466.8	1697.9	1925.8	2140.5	2334.5	2495.5	2649.5	2784.7	2926.4
-5°	980.6	1223.1	1465.5	1715.0	1931.9	2145.5	2342.3	2500.9	2659.5	2793.4	2931.2
-7.5°	975.3	1225.3	1458.9	1720.3	1932.2	2143.8	2338.9	2503.4	2659.4	2801.3	2931.7
-10°	965.8	1216.7	1452.7	1706.5	1924.7	2135.2	2328.3	2497.8	2653.2	2799.7	2929.1
-12.5°	954.6	1198.8	1440.0	1686.6	1909.7	2118.9	2312.3	2483.5	2641.6	2787.7	2923.3
-15°	937.8	1175.1	1419.1	1661.4	1886.7	2095.3	2291.5	2460.2	2623.6	2766.8	2906.0
-17.5°	915.2	1145.7	1389.7	1631.4	1855.8	2064.5	2264.8	2429.4	2592.1	2739.9	2874.3
-20°	886.8	1110.8	1351.5	1597.4	1816.6	2023.1	2217.2	2389.5	2551.1	2701.6	2842.7



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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°	852.4	1070.7	1305.4	1551.4	1767.7	1971.8	2163.6	2338.7	2506.2	2651.7	2802.1
-25°	817.9	1028.3	1254.5	1487.9	1710.9	1914.1	2106.5	2277.0	2448.2	2599.6	2742.4
-27.5°	784.9	979.2	1195.4	1417.8	1646.5	1848.8	2039.4	2210.1	2376.3	2541.8	2679.3
-30°	747.9	922.3	1130.7	1343.1	1566.0	1771.9	1964.0	2141.1	2299.2	2462.7	2610.4
-32.5°	707.0	861.9	1062.2	1266.6	1476.8	1687.3	1877.6	2053.5	2218.0	2372.6	2527.6
-35°	667.1	813.2	989.7	1184.5	1382.3	1588.8	1779.2	1953.4	2124.1	2277.2	2425.4
-37.5°	631.1	760.5	912.6	1098.7	1287.8	1483.0	1676.7	1845.3	2007.8	2176.2	2320.6
-40°	592.2	703.8	845.9	1010.4	1188.6	1374.3	1559.7	1734.2	1886.9	2053.2	2212.2
-42.5°	551.5	657.7	780.1	916.9	1085.1	1260.2	1439.1	1609.8	1768.4	1925.3	2082.8
-45°	515.8	608.8	713.1	838.1	975.0	1139.7	1309.2	1479.3	1631.5	1781.1	1936.5
-47.5°	477.9	559.7	656.2	756.0	875.0	1012.7	1172.1	1329.0	1484.8	1627.1	1764.7
-50°	440.2	515.6	594.8	684.6	782.9	894.5	1026.8	1172.8	1315.1	1461.2	1597.5
-52.5°	407.6	469.1	540.7	615.7	699.8	792.1	898.1	1018.0	1147.4	1271.4	1407.4
-55°	373.8	429.3	487.0	553.0	623.0	701.0	787.9	888.6	987.4	1102.1	1213.1
-57.5°	343.0	389.8	439.0	493.6	554.3	616.7	692.7	771.0	860.6	949.8	1037.7
-60°	313.9	352.1	393.9	440.1	489.0	544.5	601.2	668.4	740.6	811.7	886.4
-62.5°	284.6	316.8	350.9	389.2	431.8	473.8	522.2	574.0	627.1	687.4	746.2
-65°	254.5	280.5	309.4	341.2	375.2	410.9	448.1	486.5	531.7	575.9	618.6
-67.5°	222.5	244.8	268.1	293.2	321.7	349.8	377.8	410.2	443.5	476.2	510.1
-70°	187.1	208.0	227.5	247.8	269.0	291.0	315.0	338.8	362.2	386.7	413.9
-72.5°	151.0	170.3	187.5	202.5	219.9	238.1	255.6	272.3	290.1	308.6	327.0
-75°	120.4	133.2	148.5	162.5	176.4	189.2	200.8	214.9	229.7	243.2	254.3
-77.5°	94.0	105.6	116.1	125.5	136.5	149.4	160.6	170.3	179.6	189.9	200.7
-80°	68.4	78.0	87.5	96.2	102.6	109.9	118.5	128.4	136.9	143.8	150.1
-82.5°	44.2	51.1	58.2	65.4	68.3	70.4	72.2	75.7	80.9	86.2	91.2
-85°	22.0	24.0	28.3	32.8	34.3	35.4	36.1	36.5	38.3	40.0	41.4
-87.5°	11.0	12.0	13.0	14.0	13.5	12.8	11.9	10.8	10.6	10.3	9.9
-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: P645375 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-740-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°	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°	0.8	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	1.1	1.1	1.0	0.9	1.0	0.9	0.9	0.7	0.5
62.5°	1.9	2.1	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.3	1.3
60°	12.0	7.1	4.1	4.8	4.3	2.9	3.7	4.3	4.3	3.9	3.5
57.5°	66.4	49.6	36.7	87.6	87.9	42.0	50.5	79.4	65.4	21.4	19.9
55°	184.7	220.9	290.7	276.1	280.6	322.8	352.5	312.0	305.8	325.9	376.5
52.5°	331.8	366.3	389.8	411.8	438.5	467.2	496.8	515.7	533.3	552.1	563.3
50°	423.7	472.3	505.7	493.4	562.6	590.9	562.2	587.9	619.3	627.9	631.9
47.5°	625.6	696.9	711.1	757.1	798.4	797.5	762.4	764.4	857.8	940.1	980.5
45°	899.1	901.5	946.4	1027.5	1085.5	1067.3	1116.2	1227.5	1264.6	1300.4	1329.7
42.5°	1005.6	1049.8	1121.3	1193.1	1236.4	1273.9	1310.1	1351.0	1399.1	1438.1	1469.3
40°	1108.8	1144.3	1217.7	1275.5	1311.3	1346.3	1388.5	1433.8	1477.8	1512.1	1535.5
37.5°	1267.6	1295.2	1313.0	1366.7	1434.4	1403.1	1483.3	1540.7	1567.0	1601.8	1604.9
35°	1507.8	1489.5	1465.7	1679.2	1692.0	1619.9	1694.8	1783.9	1736.9	1834.7	1887.3
32.5°	1720.8	1718.1	1904.4	2016.7	1952.1	2004.8	2177.6	2169.9	2285.0	2338.4	2323.2
30°	1921.4	1989.9	2097.7	2181.3	2192.5	2275.6	2352.3	2419.5	2489.0	2551.3	2555.6
27.5°	2023.3	2112.6	2185.8	2234.2	2288.1	2358.1	2427.7	2503.4	2562.5	2601.6	2611.1
25°	2084.9	2176.2	2231.6	2283.6	2343.2	2403.6	2481.5	2563.9	2611.4	2635.5	2643.2
22.5°	2139.2	2221.2	2280.8	2323.0	2387.2	2452.1	2524.7	2594.5	2646.1	2656.7	2660.5
20°	2191.5	2270.3	2369.8	2431.9	2428.9	2502.0	2572.0	2627.5	2670.6	2670.3	2671.3
17.5°	2342.8	2370.9	2551.4	2688.4	2620.6	2584.8	2777.3	2781.0	2792.5	2769.7	2720.5
15°	2566.7	2618.0	2839.7	2988.2	2941.4	2939.0	3217.2	3148.2	3207.6	3192.1	3258.8
12.5°	2804.0	2864.6	3030.3	3176.2	3245.7	3262.8	3355.7	3442.8	3460.7	3453.6	3440.4
10°	2965.6	3051.9	3118.5	3207.1	3277.2	3348.7	3402.5	3465.0	3485.5	3473.7	3456.9
7.5°	2986.6	3072.0	3150.1	3227.8	3294.6	3352.2	3408.1	3459.0	3479.8	3472.9	3461.4
5°	3000.0	3077.3	3153.1	3231.9	3295.8	3349.1	3404.8	3456.4	3468.7	3460.4	3449.2
2.5°	3008.3	3079.8	3152.8	3231.4	3289.3	3340.2	3396.5	3451.5	3451.4	3447.8	3441.3
0°	3012.2	3084.0	3168.8	3239.8	3304.7	3352.9	3408.6	3462.1	3458.3	3448.3	3436.9
-2.5°	3020.8	3093.6	3180.1	3239.0	3312.1	3356.2	3413.8	3460.1	3458.3	3453.4	3447.7
-5°	3028.5	3110.3	3191.2	3253.1	3326.5	3384.1	3441.4	3477.6	3479.5	3472.7	3463.2
-7.5°	3033.1	3123.8	3201.1	3263.2	3334.4	3401.4	3459.5	3497.5	3498.3	3489.3	3477.9
-10°	3031.6	3127.3	3206.8	3271.1	3343.9	3410.1	3470.8	3519.0	3517.4	3508.8	3499.1
-12.5°	3025.9	3121.5	3203.1	3267.6	3350.3	3418.4	3486.8	3534.7	3537.2	3530.8	3520.2
-15°	3013.3	3112.0	3191.4	3261.8	3342.9	3422.5	3492.8	3545.6	3555.0	3549.7	3541.4
-17.5°	2988.4	3092.6	3176.8	3252.6	3330.4	3415.3	3495.2	3553.0	3565.9	3563.8	3556.9
-20°	2955.7	3063.2	3148.7	3228.2	3312.9	3400.3	3493.3	3546.1	3564.8	3565.9	3561.2

Classified

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

Scaled Data Report



REPORT NUMBER: P645375 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2C-740-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°	2919.0	3024.3	3114.9	3193.1	3285.0	3373.5	3457.6	3519.5	3550.9	3556.7	3557.1
-25°	2875.0	2983.2	3073.3	3156.5	3241.9	3333.4	3418.4	3487.4	3519.3	3534.5	3539.2
-27.5°	2812.9	2924.7	3013.3	3101.3	3188.2	3282.6	3372.0	3447.1	3473.0	3493.9	3502.3
-30°	2740.1	2850.6	2941.1	3021.4	3120.9	3217.1	3309.4	3374.9	3414.0	3437.9	3451.0
-32.5°	2656.4	2768.0	2862.9	2946.8	3041.3	3137.6	3224.3	3293.4	3347.3	3375.0	3388.9
-35°	2565.6	2679.5	2778.8	2867.3	2956.3	3048.0	3137.9	3210.2	3271.6	3295.3	3312.9
-37.5°	2456.1	2581.8	2683.6	2774.8	2859.4	2945.6	3039.2	3121.9	3181.5	3204.5	3223.0
-40°	2343.8	2465.3	2568.0	2665.3	2748.9	2843.1	2933.3	3019.9	3071.6	3098.4	3119.3
-42.5°	2225.3	2335.0	2432.7	2527.2	2620.3	2717.2	2807.3	2897.4	2942.1	2974.5	3000.1
-45°	2088.4	2190.6	2285.5	2373.9	2469.9	2565.2	2655.3	2734.9	2788.1	2830.3	2863.0
-47.5°	1906.0	2030.4	2125.7	2209.8	2304.9	2396.9	2484.3	2559.1	2617.5	2666.8	2704.8
-50°	1720.7	1840.1	1947.6	2042.1	2130.4	2215.4	2298.6	2371.8	2433.5	2486.9	2525.5
-52.5°	1538.3	1650.1	1756.8	1854.4	1939.2	2019.5	2095.6	2169.2	2234.3	2291.4	2328.7
-55°	1332.1	1448.0	1553.4	1644.4	1729.2	1808.6	1883.7	1953.5	2017.7	2075.8	2111.6
-57.5°	1138.7	1240.3	1338.5	1422.5	1502.5	1578.1	1649.3	1716.1	1777.9	1832.6	1867.1
-60°	960.9	1035.0	1119.5	1197.0	1268.0	1332.3	1398.8	1461.1	1517.8	1565.9	1598.0
-62.5°	803.8	865.2	926.2	985.1	1042.7	1100.5	1156.1	1207.8	1255.2	1294.6	1322.7
-65°	663.7	713.1	757.2	799.0	838.9	884.4	926.7	966.5	1003.4	1033.6	1055.0
-67.5°	546.6	581.2	611.7	640.4	671.9	704.1	734.2	760.5	783.0	801.0	815.1
-70°	440.7	466.3	489.3	512.1	535.1	556.0	576.0	595.4	613.7	628.7	639.9
-72.5°	345.1	362.6	378.2	395.9	412.4	428.3	442.1	453.3	461.9	470.4	477.7
-75°	263.1	276.2	293.9	308.8	321.2	332.1	342.1	351.0	358.8	365.7	371.8
-77.5°	211.7	222.8	234.0	244.9	255.5	263.3	270.6	277.8	284.9	291.1	296.5
-80°	156.8	165.2	173.8	182.6	191.3	195.6	199.1	202.3	205.1	208.8	212.2
-82.5°	95.9	100.6	105.4	110.3	115.2	116.5	116.9	116.8	116.2	114.8	112.8
-85°	42.7	42.9	42.8	42.3	41.5	39.8	37.8	35.4	32.7	32.3	31.7
-87.5°	9.4	9.2	9.0	8.7	8.3	8.3	8.3	8.2	8.1	8.4	8.7
-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: P645375 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-740-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	0.2
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	0.9
62.5°	1.4	1.4	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.4	1.5
60°	2.7	1.8	1.5	1.5	1.5	1.8	2.7	3.5	3.9	4.3	4.3
57.5°	16.9	12.6	10.7	9.9	10.7	12.6	16.9	19.9	21.4	65.4	79.4
55°	412.8	433.8	449.5	456.7	449.5	433.8	412.8	376.5	325.9	305.8	312.0
52.5°	573.1	582.2	587.5	587.3	587.5	582.2	573.1	563.3	552.1	533.3	515.7
50°	638.8	643.2	644.8	643.8	644.8	643.2	638.8	631.9	627.9	619.3	587.9
47.5°	943.6	861.9	801.8	787.4	801.8	861.9	943.6	980.5	940.1	857.8	764.4
45°	1343.8	1374.8	1405.6	1415.2	1405.6	1374.8	1343.8	1329.7	1300.4	1264.6	1227.5
42.5°	1482.4	1492.6	1498.3	1498.5	1498.3	1492.6	1482.4	1469.3	1438.1	1399.1	1351.0
40°	1548.6	1558.1	1563.7	1564.2	1563.7	1558.1	1548.6	1535.5	1512.1	1477.8	1433.8
37.5°	1608.7	1616.8	1622.1	1627.5	1622.1	1616.8	1608.7	1604.9	1601.8	1567.0	1540.7
35°	1880.2	1818.7	1730.2	1743.6	1730.2	1818.7	1880.2	1887.3	1834.7	1736.9	1783.9
32.5°	2347.0	2372.9	2389.0	2416.5	2389.0	2372.9	2347.0	2323.2	2338.4	2285.0	2169.9
30°	2562.4	2570.9	2583.9	2597.5	2583.9	2570.9	2562.4	2555.6	2551.3	2489.0	2419.5
27.5°	2616.2	2625.0	2632.8	2638.8	2632.8	2625.0	2616.2	2611.1	2601.6	2562.5	2503.4
25°	2644.3	2649.8	2658.1	2665.5	2658.1	2649.8	2644.3	2643.2	2635.5	2611.4	2563.9
22.5°	2658.3	2658.8	2665.4	2674.6	2665.4	2658.8	2658.3	2660.5	2656.7	2646.1	2594.5
20°	2667.8	2662.7	2669.4	2675.4	2669.4	2662.7	2667.8	2671.3	2670.3	2670.6	2627.5
17.5°	2790.0	2720.3	2691.7	2692.2	2691.7	2720.3	2790.0	2720.5	2769.7	2792.5	2781.0
15°	3183.9	3210.0	3310.2	3364.3	3310.2	3210.0	3183.9	3258.8	3192.1	3207.6	3148.2
12.5°	3438.0	3428.7	3416.8	3433.1	3416.8	3428.7	3438.0	3440.4	3453.6	3460.7	3442.8
10°	3449.9	3448.8	3427.5	3450.6	3427.5	3448.8	3449.9	3456.9	3473.7	3485.5	3465.0
7.5°	3442.6	3443.2	3434.2	3456.7	3434.2	3443.2	3442.6	3461.4	3472.9	3479.8	3459.0
5°	3447.3	3431.9	3437.7	3450.6	3437.7	3431.9	3447.3	3449.2	3460.4	3468.7	3456.4
2.5°	3434.0	3432.5	3421.0	3430.0	3421.0	3432.5	3434.0	3441.3	3447.8	3451.4	3451.5
0°	3423.9	3415.5	3415.5	3423.1	3415.5	3415.5	3423.9	3436.9	3448.3	3458.3	3462.1
-2.5°	3441.9	3440.2	3439.1	3433.8	3439.1	3440.2	3441.9	3447.7	3453.4	3458.3	3460.1
-5°	3456.8	3452.2	3439.8	3456.7	3439.8	3452.2	3456.8	3463.2	3472.7	3479.5	3477.6
-7.5°	3472.7	3461.2	3449.3	3475.8	3449.3	3461.2	3472.7	3477.9	3489.3	3498.3	3497.5
-10°	3487.3	3470.6	3459.0	3485.0	3459.0	3470.6	3487.3	3499.1	3508.8	3517.4	3519.0
-12.5°	3506.6	3487.0	3479.3	3493.4	3479.3	3487.0	3506.6	3520.2	3530.8	3537.2	3534.7
-15°	3527.2	3513.6	3511.8	3520.1	3511.8	3513.6	3527.2	3541.4	3549.7	3555.0	3545.6
-17.5°	3545.2	3535.7	3540.5	3549.9	3540.5	3535.7	3545.2	3556.9	3563.8	3565.9	3553.0
-20°	3553.9	3548.6	3553.9	3577.4	3553.9	3548.6	3553.9	3561.2	3565.9	3564.8	3546.1



REPORT NUMBER: P645375 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-740-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°	3553.1	3553.5	3562.8	3570.5	3562.8	3553.5	3553.1	3557.1	3556.7	3550.9	3519.5
-25°	3539.6	3546.7	3557.4	3572.8	3557.4	3546.7	3539.6	3539.2	3534.5	3519.3	3487.4
-27.5°	3506.9	3518.7	3529.9	3546.1	3529.9	3518.7	3506.9	3502.3	3493.9	3473.0	3447.1
-30°	3459.6	3473.7	3483.8	3501.0	3483.8	3473.7	3459.6	3451.0	3437.9	3414.0	3374.9
-32.5°	3402.1	3418.1	3429.9	3442.2	3429.9	3418.1	3402.1	3388.9	3375.0	3347.3	3293.4
-35°	3330.2	3347.4	3360.0	3371.2	3360.0	3347.4	3330.2	3312.9	3295.3	3271.6	3210.2
-37.5°	3243.7	3262.3	3276.6	3289.5	3276.6	3262.3	3243.7	3223.0	3204.5	3181.5	3121.9
-40°	3143.1	3162.1	3177.4	3191.7	3177.4	3162.1	3143.1	3119.3	3098.4	3071.6	3019.9
-42.5°	3025.4	3044.6	3060.4	3074.9	3060.4	3044.6	3025.4	3000.1	2974.5	2942.1	2897.4
-45°	2889.5	2909.2	2925.9	2941.2	2925.9	2909.2	2889.5	2863.0	2830.3	2788.1	2734.9
-47.5°	2732.9	2754.0	2768.3	2775.5	2768.3	2754.0	2732.9	2704.8	2666.8	2617.5	2559.1
-50°	2553.4	2574.6	2591.7	2604.4	2591.7	2574.6	2553.4	2525.5	2486.9	2433.5	2371.8
-52.5°	2355.9	2376.1	2390.8	2399.7	2390.8	2376.1	2355.9	2328.7	2291.4	2234.3	2169.2
-55°	2139.7	2160.8	2174.7	2181.3	2174.7	2160.8	2139.7	2111.6	2075.8	2017.7	1953.5
-57.5°	1894.4	1914.4	1929.2	1937.6	1929.2	1914.4	1894.4	1867.1	1832.6	1777.9	1716.1
-60°	1623.0	1640.9	1652.2	1656.6	1652.2	1640.9	1623.0	1598.0	1565.9	1517.8	1461.1
-62.5°	1345.4	1362.4	1372.9	1377.0	1372.9	1362.4	1345.4	1322.7	1294.6	1255.2	1207.8
-65°	1071.0	1081.6	1087.5	1088.3	1087.5	1081.6	1071.0	1055.0	1033.6	1003.4	966.5
-67.5°	826.3	834.3	839.3	840.9	839.3	834.3	826.3	815.1	801.0	783.0	760.5
-70°	648.3	653.9	657.0	657.6	657.0	653.9	648.3	639.9	628.7	613.7	595.4
-72.5°	483.4	487.3	486.0	482.7	486.0	487.3	483.4	477.7	470.4	461.9	453.3
-75°	377.1	381.5	379.6	376.5	379.6	381.5	377.1	371.8	365.7	358.8	351.0
-77.5°	301.2	305.2	303.3	300.2	303.3	305.2	301.2	296.5	291.1	284.9	277.8
-80°	215.1	217.5	219.2	220.0	219.2	217.5	215.1	212.2	208.8	205.1	202.3
-82.5°	110.1	106.9	104.8	102.3	104.8	106.9	110.1	112.8	114.8	116.2	116.8
-85°	31.1	30.3	30.9	31.3	30.9	30.3	31.1	31.7	32.3	32.7	35.4
-87.5°	8.9	9.2	9.2	9.2	9.2	9.2	8.9	8.7	8.4	8.1	8.2
-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: P645375 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.4	0.6	0.7	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	0.8	0.8	0.8	0.8	1.0
65°	1.0	0.9	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0
62.5°	1.5	1.6	1.6	1.7	1.7	2.1	1.9	1.9	1.8	2.2	3.0
60°	3.7	2.9	4.3	4.8	4.1	7.1	12.0	10.8	3.2	17.3	20.0
57.5°	50.5	42.0	87.9	87.6	36.7	49.6	66.4	43.8	28.6	49.0	64.7
55°	352.5	322.8	280.6	276.1	290.7	220.9	184.7	177.7	139.1	90.5	107.4
52.5°	496.8	467.2	438.5	411.8	389.8	366.3	331.8	294.5	282.6	227.5	175.4
50°	562.2	590.9	562.6	493.4	505.7	472.3	423.7	384.0	392.2	358.5	289.0
47.5°	762.4	797.5	798.4	757.1	711.1	696.9	625.6	501.7	510.0	508.6	435.0
45°	1116.2	1067.3	1085.5	1027.5	946.4	901.5	899.1	766.5	643.8	623.9	616.8
42.5°	1310.1	1273.9	1236.4	1193.1	1121.3	1049.8	1005.6	931.0	832.4	745.0	714.0
40°	1388.5	1346.3	1311.3	1275.5	1217.7	1144.3	1108.8	1010.9	936.7	861.1	835.9
37.5°	1483.3	1403.1	1434.4	1366.7	1313.0	1295.2	1267.6	1165.7	1001.2	987.4	974.7
35°	1694.8	1619.9	1692.0	1679.2	1465.7	1489.5	1507.8	1382.6	1210.4	1117.1	1119.1
32.5°	2177.6	2004.8	1952.1	2016.7	1904.4	1718.1	1720.8	1682.6	1447.6	1311.8	1252.4
30°	2352.3	2275.6	2192.5	2181.3	2097.7	1989.9	1921.4	1829.8	1658.7	1503.7	1401.8
27.5°	2427.7	2358.1	2288.1	2234.2	2185.8	2112.6	2023.3	1915.6	1794.0	1655.0	1556.0
25°	2481.5	2403.6	2343.2	2283.6	2231.6	2176.2	2084.9	1980.0	1866.5	1754.5	1648.2
22.5°	2524.7	2452.1	2387.2	2323.0	2280.8	2221.2	2139.2	2030.9	1954.7	1883.6	1745.4
20°	2572.0	2502.0	2428.9	2431.9	2369.8	2270.3	2191.5	2137.6	2127.1	2047.1	1868.6
17.5°	2777.3	2584.8	2620.6	2688.4	2551.4	2370.9	2342.8	2345.7	2312.7	2238.2	2016.4
15°	3217.2	2939.0	2941.4	2988.2	2839.7	2618.0	2566.7	2560.5	2508.4	2426.0	2172.4
12.5°	3355.7	3262.8	3245.7	3176.2	3030.3	2864.6	2804.0	2771.1	2675.5	2516.1	2284.6
10°	3402.5	3348.7	3277.2	3207.1	3118.5	3051.9	2965.6	2846.1	2710.4	2556.7	2368.2
7.5°	3408.1	3352.2	3294.6	3227.8	3150.1	3072.0	2986.6	2867.9	2736.7	2585.8	2427.1
5°	3404.8	3349.1	3295.8	3231.9	3153.1	3077.3	3000.0	2882.6	2754.4	2604.9	2465.9
2.5°	3396.5	3340.2	3289.3	3231.4	3152.8	3079.8	3008.3	2898.3	2767.1	2620.6	2478.8
0°	3408.6	3352.9	3304.7	3239.8	3168.8	3084.0	3012.2	2914.5	2773.2	2631.1	2483.7
-2.5°	3413.8	3356.2	3312.1	3239.0	3180.1	3093.6	3020.8	2926.4	2784.7	2649.5	2495.5
-5°	3441.4	3384.1	3326.5	3253.1	3191.2	3110.3	3028.5	2931.2	2793.4	2659.5	2500.9
-7.5°	3459.5	3401.4	3334.4	3263.2	3201.1	3123.8	3033.1	2931.7	2801.3	2659.4	2503.4
-10°	3470.8	3410.1	3343.9	3271.1	3206.8	3127.3	3031.6	2929.1	2799.7	2653.2	2497.8
-12.5°	3486.8	3418.4	3350.3	3267.6	3203.1	3121.5	3025.9	2923.3	2787.7	2641.6	2483.5
-15°	3492.8	3422.5	3342.9	3261.8	3191.4	3112.0	3013.3	2906.0	2766.8	2623.6	2460.2
-17.5°	3495.2	3415.3	3330.4	3252.6	3176.8	3092.6	2988.4	2874.3	2739.9	2592.1	2429.4
-20°	3493.3	3400.3	3312.9	3228.2	3148.7	3063.2	2955.7	2842.7	2701.6	2551.1	2389.5

Classified

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

Scaled Data Report



REPORT NUMBER: P645375 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2C-740-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°	3457.6	3373.5	3285.0	3193.1	3114.9	3024.3	2919.0	2802.1	2651.7	2506.2	2338.7
-25°	3418.4	3333.4	3241.9	3156.5	3073.3	2983.2	2875.0	2742.4	2599.6	2448.2	2277.0
-27.5°	3372.0	3282.6	3188.2	3101.3	3013.3	2924.7	2812.9	2679.3	2541.8	2376.3	2210.1
-30°	3309.4	3217.1	3120.9	3021.4	2941.1	2850.6	2740.1	2610.4	2462.7	2299.2	2141.1
-32.5°	3224.3	3137.6	3041.3	2946.8	2862.9	2768.0	2656.4	2527.6	2372.6	2218.0	2053.5
-35°	3137.9	3048.0	2956.3	2867.3	2778.8	2679.5	2565.6	2425.4	2277.2	2124.1	1953.4
-37.5°	3039.2	2945.6	2859.4	2774.8	2683.6	2581.8	2456.1	2320.6	2176.2	2007.8	1845.3
-40°	2933.3	2843.1	2748.9	2665.3	2568.0	2465.3	2343.8	2212.2	2053.2	1886.9	1734.2
-42.5°	2807.3	2717.2	2620.3	2527.2	2432.7	2335.0	2225.3	2082.8	1925.3	1768.4	1609.8
-45°	2655.3	2565.2	2469.9	2373.9	2285.5	2190.6	2088.4	1936.5	1781.1	1631.5	1479.3
-47.5°	2484.3	2396.9	2304.9	2209.8	2125.7	2030.4	1906.0	1764.7	1627.1	1484.8	1329.0
-50°	2298.6	2215.4	2130.4	2042.1	1947.6	1840.1	1720.7	1597.5	1461.2	1315.1	1172.8
-52.5°	2095.6	2019.5	1939.2	1854.4	1756.8	1650.1	1538.3	1407.4	1271.4	1147.4	1018.0
-55°	1883.7	1808.6	1729.2	1644.4	1553.4	1448.0	1332.1	1213.1	1102.1	987.4	888.6
-57.5°	1649.3	1578.1	1502.5	1422.5	1338.5	1240.3	1138.7	1037.7	949.8	860.6	771.0
-60°	1398.8	1332.3	1268.0	1197.0	1119.5	1035.0	960.9	886.4	811.7	740.6	668.4
-62.5°	1156.1	1100.5	1042.7	985.1	926.2	865.2	803.8	746.2	687.4	627.1	574.0
-65°	926.7	884.4	838.9	799.0	757.2	713.1	663.7	618.6	575.9	531.7	486.5
-67.5°	734.2	704.1	671.9	640.4	611.7	581.2	546.6	510.1	476.2	443.5	410.2
-70°	576.0	556.0	535.1	512.1	489.3	466.3	440.7	413.9	386.7	362.2	338.8
-72.5°	442.1	428.3	412.4	395.9	378.2	362.6	345.1	327.0	308.6	290.1	272.3
-75°	342.1	332.1	321.2	308.8	293.9	276.2	263.1	254.3	243.2	229.7	214.9
-77.5°	270.6	263.3	255.5	244.9	234.0	222.8	211.7	200.7	189.9	179.6	170.3
-80°	199.1	195.6	191.3	182.6	173.8	165.2	156.8	150.1	143.8	136.9	128.4
-82.5°	116.9	116.5	115.2	110.3	105.4	100.6	95.9	91.2	86.2	80.9	75.7
-85°	37.8	39.8	41.5	42.3	42.8	42.9	42.7	41.4	40.0	38.3	36.5
-87.5°	8.3	8.3	8.3	8.7	9.0	9.2	9.4	9.9	10.3	10.6	10.8
-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: P645375 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-740-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	0.7	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	1.2
80°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.0	1.2	1.3
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	0.8	0.8	0.8	0.9	1.0	1.2	1.4
72.5°	0.8	0.8	0.8	0.9	1.0	1.0	0.9	0.9	1.0	1.2	1.4
70°	0.9	0.8	0.8	0.9	1.1	1.2	1.2	1.2	1.1	1.2	1.4
67.5°	1.1	1.2	1.1	1.1	1.1	1.3	1.5	1.7	1.7	1.3	1.4
65°	1.2	1.3	1.6	2.2	1.9	1.3	1.5	3.0	2.4	2.0	1.4
62.5°	2.5	1.4	4.8	6.4	3.6	2.8	2.2	6.6	4.2	2.8	2.0
60°	6.0	4.9	13.4	21.6	15.1	5.1	7.4	11.5	10.6	3.7	2.9
57.5°	56.0	19.3	27.9	40.4	39.6	21.5	15.7	20.9	18.0	10.4	4.1
55°	119.6	100.6	66.5	60.9	65.7	53.1	34.6	33.9	27.8	19.3	6.6
52.5°	164.0	171.2	149.0	104.1	90.7	86.4	67.5	49.2	43.7	28.9	16.8
50°	237.4	221.1	218.9	183.8	127.1	115.1	99.6	76.8	61.2	41.4	28.3
47.5°	335.4	294.7	273.1	257.3	202.8	146.7	130.7	105.0	80.7	59.6	40.4
45°	479.4	380.8	339.1	313.5	278.0	206.3	163.5	132.4	105.1	80.0	53.1
42.5°	623.9	492.4	414.4	373.1	336.1	273.6	198.6	164.0	128.9	100.8	69.1
40°	751.5	607.5	493.6	440.4	393.2	338.6	255.5	197.9	152.3	122.1	87.4
37.5°	905.1	738.5	584.8	511.1	454.1	392.9	313.2	233.2	180.4	144.6	105.6
35°	1053.7	908.0	686.8	596.4	521.9	448.6	368.8	275.0	214.9	167.4	123.9
32.5°	1213.2	1067.5	840.9	691.7	592.0	505.5	420.8	325.7	249.6	190.4	142.1
30°	1338.8	1172.5	976.0	787.1	668.3	569.0	472.7	374.5	284.3	213.7	160.5
27.5°	1405.4	1263.4	1082.7	893.3	754.2	634.1	526.1	421.0	319.0	239.3	179.7
25°	1474.2	1327.4	1159.0	986.3	839.0	703.0	579.3	465.4	356.9	268.1	198.6
22.5°	1556.6	1381.8	1223.3	1059.9	926.4	772.9	635.2	510.3	394.8	296.4	217.3
20°	1639.3	1432.3	1286.8	1160.1	1012.2	848.5	693.5	554.2	430.6	323.9	235.5
17.5°	1726.1	1524.0	1394.5	1257.9	1097.8	921.7	751.0	596.6	464.1	350.6	253.3
15°	1877.2	1661.4	1503.0	1353.1	1182.9	992.2	807.1	637.4	495.4	376.2	269.8
12.5°	2014.4	1789.2	1611.6	1445.1	1266.6	1059.4	861.3	676.2	524.4	396.6	284.5
10°	2128.0	1907.8	1719.0	1533.4	1347.9	1122.8	912.9	707.9	541.8	411.9	298.0
7.5°	2220.9	2017.4	1823.6	1617.4	1417.7	1164.3	938.9	726.3	555.3	424.9	310.3
5°	2288.1	2090.5	1879.2	1646.7	1439.5	1181.3	956.6	741.3	566.1	435.7	321.4
2.5°	2307.5	2113.0	1900.1	1662.7	1454.3	1192.4	969.2	752.8	574.5	444.5	331.3
0°	2318.7	2127.8	1913.2	1672.6	1461.8	1197.6	976.8	760.7	580.4	451.4	339.9
-2.5°	2334.5	2140.5	1925.8	1697.9	1466.8	1213.6	981.1	765.8	587.9	453.9	344.9
-5°	2342.3	2145.5	1931.9	1715.0	1465.5	1223.1	980.6	767.5	592.8	454.7	348.6
-7.5°	2338.9	2143.8	1932.2	1720.3	1458.9	1225.3	975.3	765.8	594.8	454.1	350.9
-10°	2328.3	2135.2	1924.7	1706.5	1452.7	1216.7	965.8	760.9	593.6	452.1	351.7
-12.5°	2312.3	2118.9	1909.7	1686.6	1440.0	1198.8	954.6	752.6	588.9	449.0	351.1
-15°	2291.5	2095.3	1886.7	1661.4	1419.1	1175.1	937.8	740.4	579.5	445.5	349.1
-17.5°	2264.8	2064.5	1855.8	1631.4	1389.7	1145.7	915.2	724.7	567.8	441.1	344.9
-20°	2217.2	2023.1	1816.6	1597.4	1351.5	1110.8	886.8	705.2	553.9	435.0	338.9

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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°	2163.6	1971.8	1767.7	1551.4	1305.4	1070.7	852.4	682.1	537.9	426.9	331.6
-25°	2106.5	1914.1	1710.9	1487.9	1254.5	1028.3	817.9	655.4	519.8	417.0	323.3
-27.5°	2039.4	1848.8	1646.5	1417.8	1195.4	979.2	784.9	631.7	502.4	405.2	313.7
-30°	1964.0	1771.9	1566.0	1343.1	1130.7	922.3	747.9	606.4	487.6	392.3	303.1
-32.5°	1877.6	1687.3	1476.8	1266.6	1062.2	861.9	707.0	579.3	470.5	378.6	293.3
-35°	1779.2	1588.8	1382.3	1184.5	989.7	813.2	667.1	550.6	451.2	363.7	283.0
-37.5°	1676.7	1483.0	1287.8	1098.7	912.6	760.5	631.1	522.3	429.5	347.8	271.5
-40°	1559.7	1374.3	1188.6	1010.4	845.9	703.8	592.2	494.3	409.1	330.9	259.0
-42.5°	1439.1	1260.2	1085.1	916.9	780.1	657.7	551.5	464.2	387.5	314.6	245.5
-45°	1309.2	1139.7	975.0	838.1	713.1	608.8	515.8	433.0	364.5	297.9	231.5
-47.5°	1172.1	1012.7	875.0	756.0	656.2	559.7	477.9	405.9	340.3	280.0	217.5
-50°	1026.8	894.5	782.9	684.6	594.8	515.6	440.2	377.6	318.2	260.2	202.7
-52.5°	898.1	792.1	699.8	615.7	540.7	469.1	407.6	348.6	295.4	241.3	187.4
-55°	787.9	701.0	623.0	553.0	487.0	429.3	373.8	322.9	271.9	222.3	171.8
-57.5°	692.7	616.7	554.3	493.6	439.0	389.8	343.0	296.5	249.4	202.6	159.5
-60°	601.2	544.5	489.0	440.1	393.9	352.1	313.9	270.2	226.7	182.9	145.8
-62.5°	522.2	473.8	431.8	389.2	350.9	316.8	284.6	244.5	203.4	164.8	131.0
-65°	448.1	410.9	375.2	341.2	309.4	280.5	254.5	218.1	180.0	145.5	115.5
-67.5°	377.8	349.8	321.7	293.2	268.1	244.8	222.5	189.6	155.5	125.2	100.2
-70°	315.0	291.0	269.0	247.8	227.5	208.0	187.1	159.3	130.0	107.1	84.6
-72.5°	255.6	238.1	219.9	202.5	187.5	170.3	151.0	129.3	108.8	88.6	68.6
-75°	200.8	189.2	176.4	162.5	148.5	133.2	120.4	105.3	87.4	69.7	55.3
-77.5°	160.6	149.4	136.5	125.5	116.1	105.6	94.0	80.9	66.7	54.2	42.7
-80°	118.5	109.9	102.6	96.2	87.5	78.0	68.4	58.8	48.5	38.8	29.9
-82.5°	72.2	70.4	68.3	65.4	58.2	51.1	44.2	37.3	30.0	23.2	19.2
-85°	36.1	35.4	34.3	32.8	28.3	24.0	22.0	20.0	17.5	15.1	12.8
-87.5°	11.9	12.8	13.5	14.0	13.0	12.0	11.0	10.0	8.8	7.6	6.4
-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°	0.4	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	1.7	1.5	1.1	0.7	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°	2.4	2.5	1.9	1.8	1.5	0.9	0.0
60°	2.8	3.1	2.0	1.8	1.6	1.0	0.0
57.5°	5.2	3.7	2.6	1.9	1.7	1.1	0.0
55°	8.3	4.3	3.2	2.0	1.8	1.1	0.0
52.5°	12.0	5.5	3.9	2.1	1.9	1.2	0.0
50°	16.1	9.5	4.6	2.2	2.0	1.3	0.0
47.5°	21.7	13.7	5.3	2.4	2.1	1.4	0.0
45°	32.7	18.2	6.1	3.0	2.1	1.4	0.0
42.5°	44.0	23.0	6.9	3.6	2.2	1.5	0.0
40°	55.5	28.1	9.3	4.3	2.3	1.6	0.0
37.5°	67.3	33.5	13.2	5.2	2.4	1.6	0.0
35°	79.2	41.6	17.3	6.2	2.5	1.7	0.0
32.5°	92.2	51.0	21.4	7.3	2.6	1.8	0.0
30°	107.0	60.3	25.5	8.6	2.7	1.8	0.0
27.5°	121.5	69.6	30.6	9.8	2.8	1.9	0.0
25°	135.7	78.7	35.8	11.2	2.9	1.9	0.0
22.5°	149.4	87.9	41.0	12.6	3.0	2.0	0.0
20°	162.7	97.9	46.2	14.1	3.1	2.0	0.0
17.5°	175.8	107.5	51.3	15.6	3.2	2.1	0.0
15°	188.5	116.8	56.2	17.1	3.3	2.1	0.0
12.5°	200.3	125.6	61.0	18.5	3.4	2.2	0.0
10°	211.2	133.9	65.6	20.0	3.5	2.2	0.0
7.5°	221.3	141.7	70.0	21.4	3.6	2.2	0.0
5°	230.4	148.9	74.0	22.8	3.7	2.3	0.0
2.5°	238.7	155.4	77.7	24.0	3.7	2.3	0.0
0°	245.9	161.2	81.0	25.2	3.8	2.3	0.0
-2.5°	249.5	164.9	84.1	26.8	4.4	2.4	0.0
-5°	252.1	167.8	86.7	28.4	5.0	2.6	0.0
-7.5°	253.8	169.9	88.8	29.7	5.6	2.7	0.0
-10°	254.6	171.2	90.4	30.9	6.1	2.8	0.0
-12.5°	254.5	171.7	91.5	31.9	6.6	2.9	0.0
-15°	253.5	171.5	92.0	32.7	7.1	3.0	0.0
-17.5°	251.6	170.4	92.0	33.2	7.6	3.1	0.0
-20°	248.7	168.6	91.3	33.6	8.0	3.1	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	244.6	166.0	90.0	33.7	8.4	3.2	0.0
-25°	239.5	162.0	88.1	33.5	8.8	3.3	0.0
-27.5°	233.4	157.1	85.5	33.1	9.0	3.3	0.0
-30°	226.3	151.4	82.3	32.4	9.3	3.3	0.0
-32.5°	218.4	145.1	78.6	31.5	9.5	3.3	0.0
-35°	209.7	138.1	74.4	30.3	9.6	3.3	0.0
-37.5°	200.4	131.1	69.8	28.7	9.6	3.3	0.0
-40°	190.4	124.7	64.9	27.0	9.7	3.3	0.0
-42.5°	179.7	117.9	61.1	25.0	9.6	3.2	0.0
-45°	168.4	110.6	58.5	23.1	9.5	3.2	0.0
-47.5°	156.4	103.0	55.4	20.8	9.3	3.1	0.0
-50°	146.3	94.9	51.9	20.1	9.1	3.0	0.0
-52.5°	136.3	86.4	48.0	19.7	8.8	2.9	0.0
-55°	125.9	80.0	43.6	19.1	8.4	2.8	0.0
-57.5°	115.0	73.5	38.8	18.2	8.0	2.6	0.0
-60°	104.0	66.4	33.8	17.2	7.6	2.5	0.0
-62.5°	94.0	58.8	31.4	16.0	7.1	2.3	0.0
-65°	83.3	50.6	28.6	14.6	6.6	2.1	0.0
-67.5°	71.8	43.7	25.6	13.0	6.1	2.0	0.0
-70°	59.8	38.2	22.2	11.3	5.5	1.8	0.0
-72.5°	50.6	32.4	18.6	9.9	4.9	1.6	0.0
-75°	41.3	26.1	14.8	8.6	4.2	1.4	0.0
-77.5°	31.6	19.6	12.2	7.3	3.6	1.1	0.0
-80°	21.6	14.9	9.9	5.9	2.9	0.9	0.0
-82.5°	15.8	11.3	7.5	4.4	2.2	0.7	0.0
-85°	10.6	7.6	5.0	3.0	1.5	0.5	0.0
-87.5°	5.3	3.8	2.5	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)