

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: P645405 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA3B-727-U-LAM-VSR-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645405 (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: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3B-727-U-LAM-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, LAMBERTIAN WITH VISOR
Light Source: (48) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

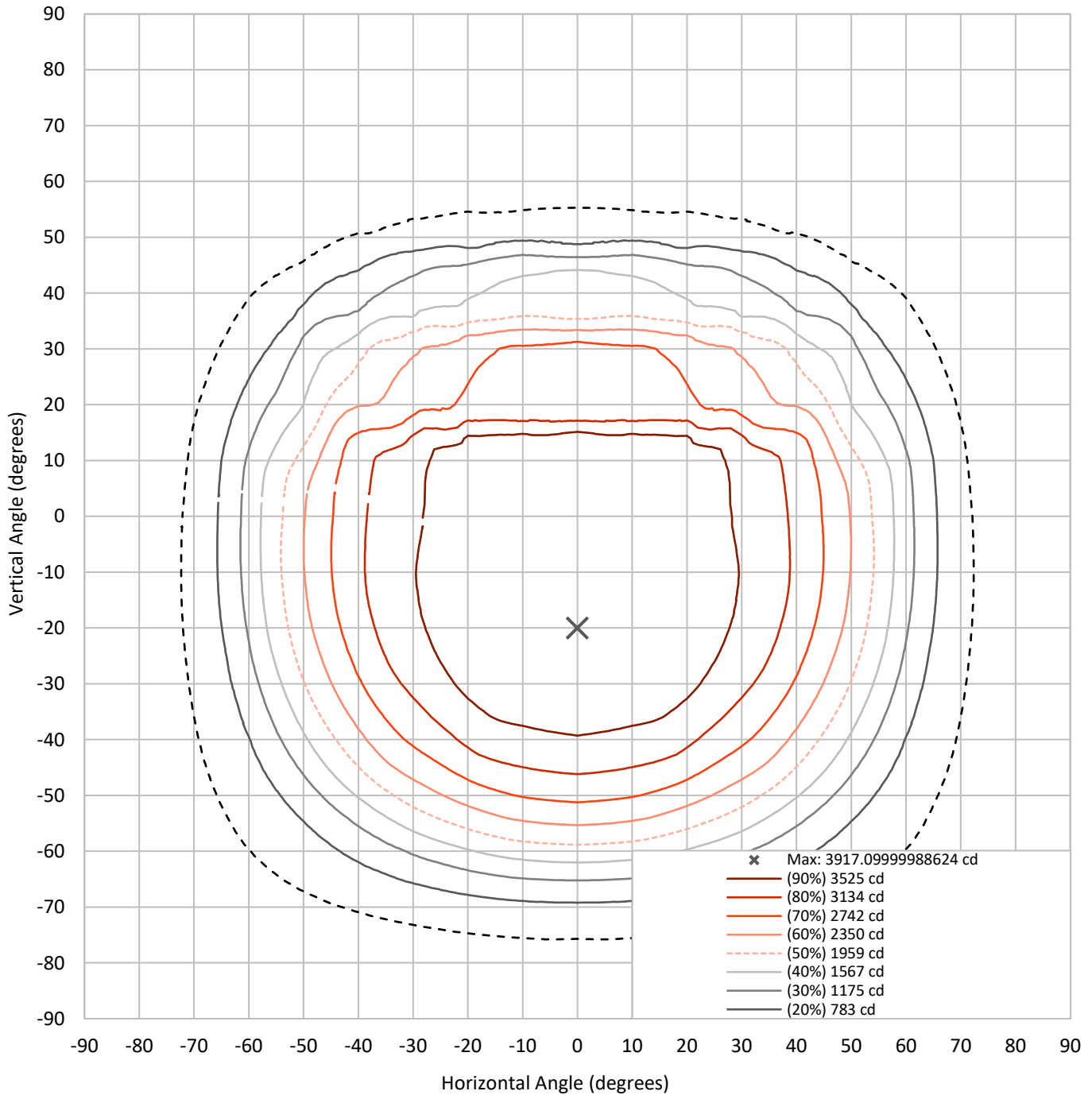
Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	9184.8 lumens	Max Intensity:	3917.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	98.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	105.6°H x 93.7°V	Field Angle (10%):	144°H x 131.2°V
Beam Lumens:	7180.2 lumens	Field Lumens:	9002.5 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		





REPORT NUMBER: P645405 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-727-U-LAM-VSR-XX

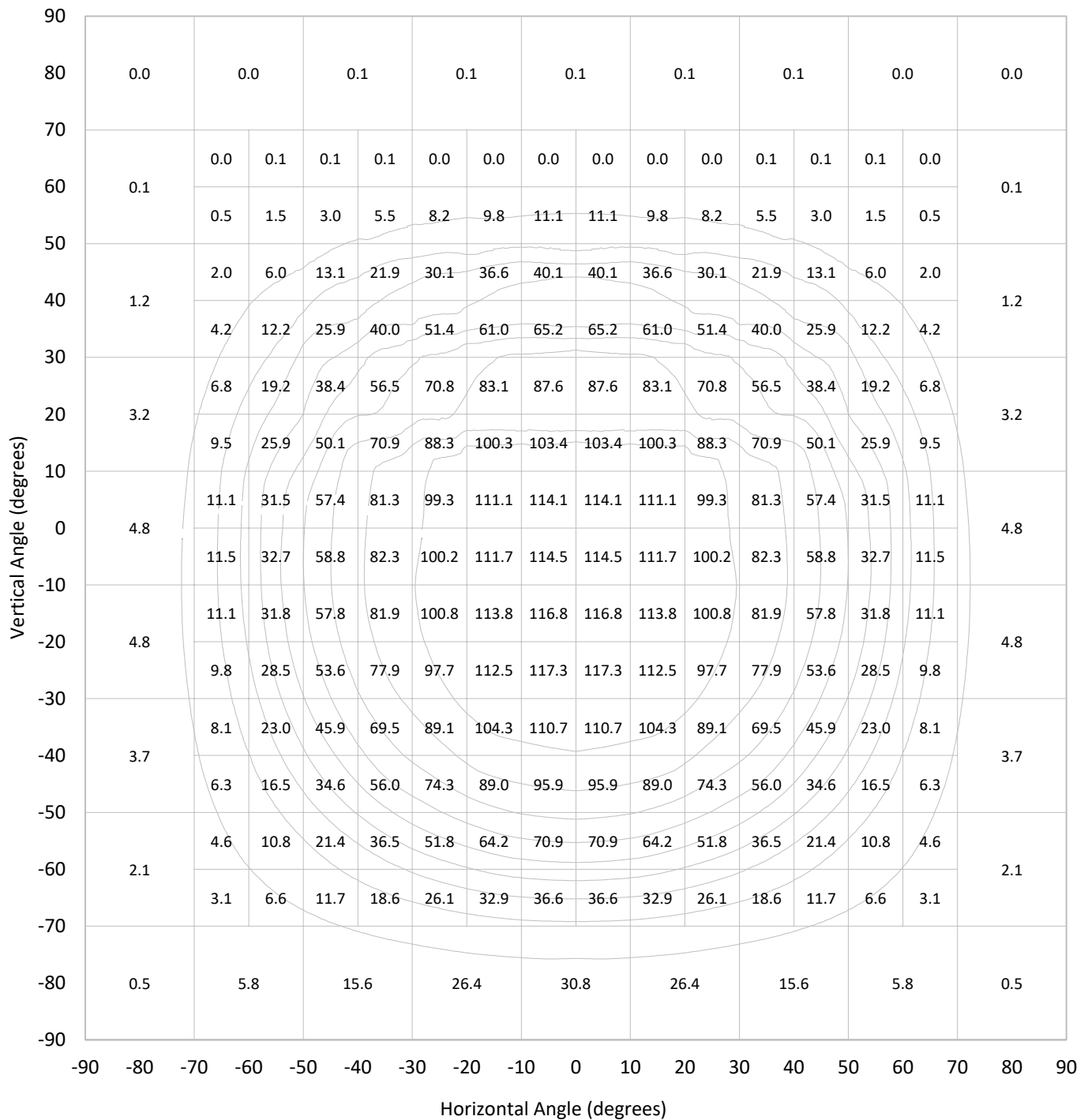
Iso-Candela Plot





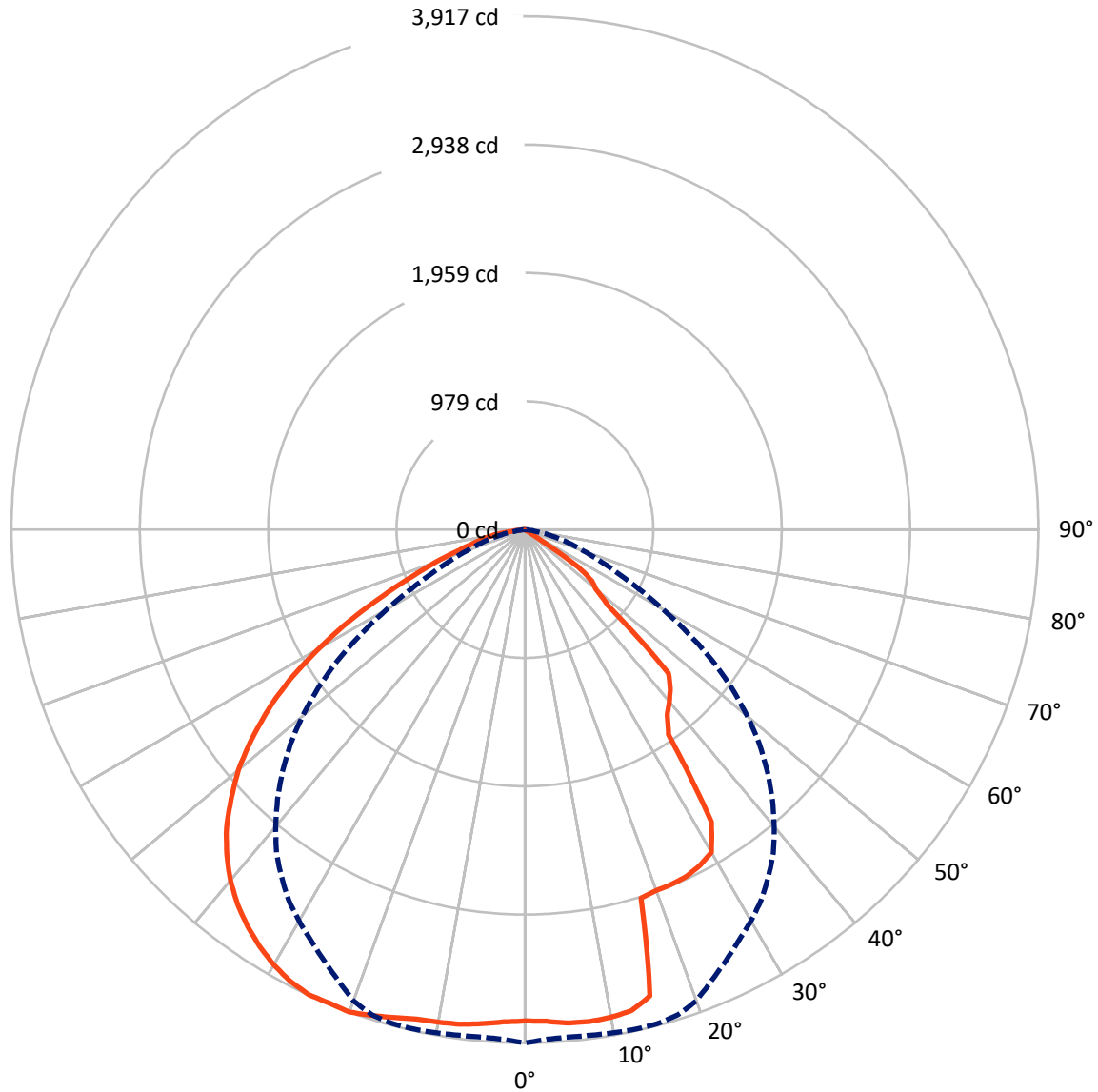
REPORT NUMBER: P645405 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-727-U-LAM-VSR-XX

Lumen Table



REPORT NUMBER: P645405 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-727-U-LAM-VSR-XX

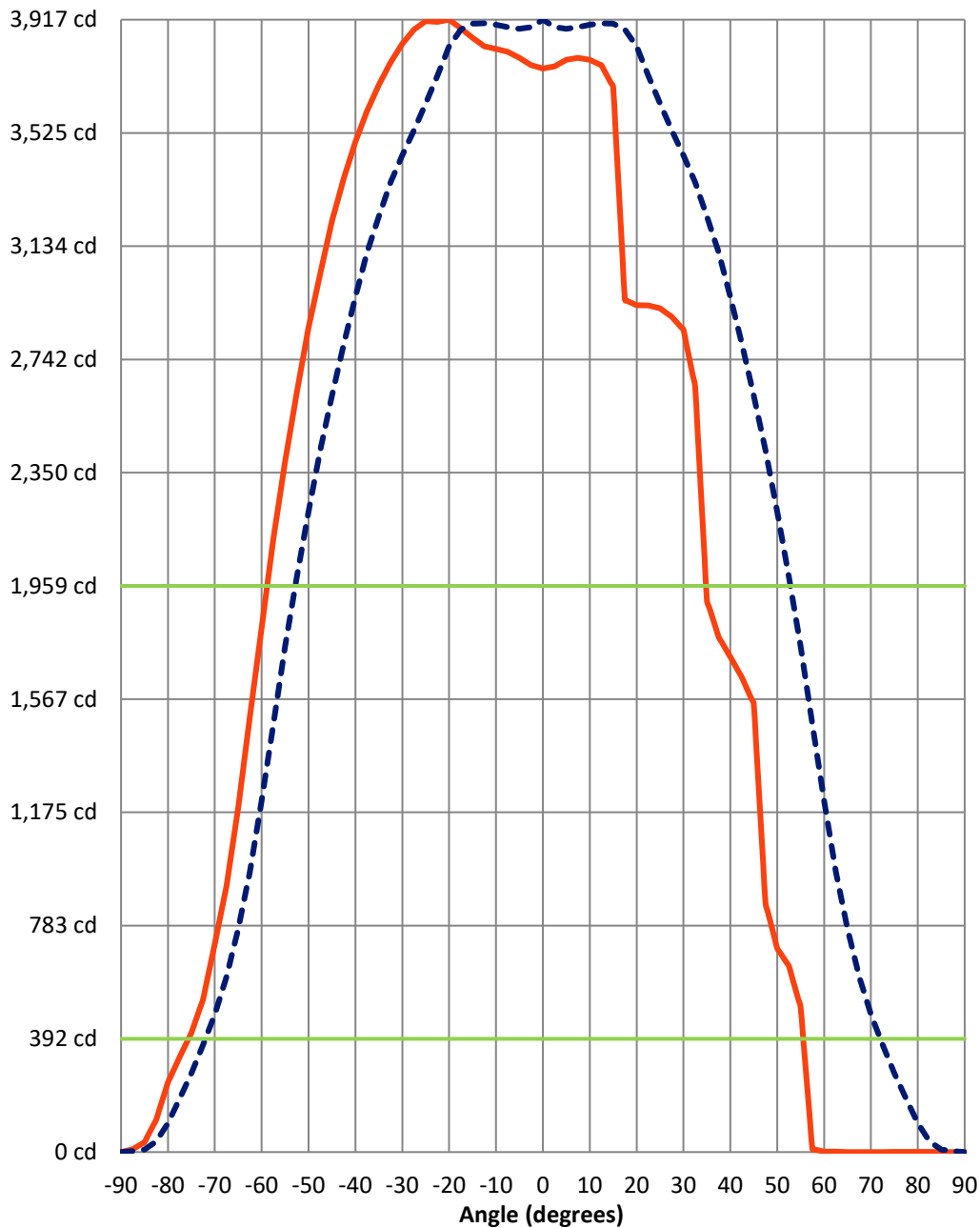
Luminous Intensity Polar Plot



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

REPORT NUMBER: P645405 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-727-U-LAM-VSR-XX

Luminous Intensity Plot



Beam:
 H Angle: 105.6°
 V Angle: 93.7°
 Lumens: 7180.2
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 9002.5
 Efficiency: 98.0%

Spill:
 Lumens: 182.4
 Efficiency: 2.0%

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



REPORT NUMBER: P645405 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-727-U-LAM-VSR-XX

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	0.4	0.4	0.4	0.4	0.4	0.3
85°	0.0	0.2	0.3	0.4	0.6	0.7	0.9	0.9	0.9	0.8	0.7
82.5°	0.0	0.3	0.4	0.7	0.9	1.1	1.3	1.3	1.3	1.0	0.8
80°	0.0	0.4	0.6	0.9	1.2	1.5	1.7	1.5	1.3	1.1	0.8
77.5°	0.0	0.5	0.7	1.1	1.5	1.7	1.7	1.5	1.3	1.1	0.8
75°	0.0	0.5	0.9	1.3	1.7	1.8	1.7	1.5	1.3	1.1	0.9
72.5°	0.0	0.6	1.0	1.5	1.8	1.8	1.7	1.5	1.3	1.1	0.9
70°	0.0	0.7	1.2	1.7	1.9	1.9	1.8	1.6	1.4	1.2	1.3
67.5°	0.0	0.8	1.3	1.8	1.9	1.9	2.0	1.6	1.4	1.9	1.9
65°	0.0	0.9	1.5	1.9	2.0	2.2	2.3	1.6	2.2	2.6	3.3
62.5°	0.0	1.0	1.7	2.0	2.1	2.8	2.6	2.3	3.1	4.6	7.3
60°	0.0	1.1	1.8	2.0	2.2	3.4	3.1	3.2	4.0	11.6	12.7
57.5°	0.0	1.2	1.9	2.1	2.8	4.0	5.7	4.4	11.4	19.8	22.9
55°	0.0	1.2	2.0	2.2	3.5	4.8	9.1	7.2	21.1	30.5	37.1
52.5°	0.0	1.3	2.1	2.3	4.3	6.1	13.1	18.3	31.7	47.8	53.8
50°	0.0	1.4	2.2	2.4	5.0	10.4	17.6	31.0	45.3	67.0	84.0
47.5°	0.0	1.5	2.3	2.6	5.8	15.0	23.7	44.2	65.3	88.3	114.9
45°	0.0	1.6	2.4	3.2	6.7	20.0	35.8	58.1	87.6	115.1	145.0
42.5°	0.0	1.6	2.5	3.9	7.5	25.2	48.2	75.6	110.3	141.1	179.6
40°	0.0	1.7	2.6	4.7	10.1	30.8	60.8	95.6	133.7	166.7	216.6
37.5°	0.0	1.8	2.7	5.7	14.5	36.7	73.7	115.7	158.3	197.5	255.3
35°	0.0	1.9	2.8	6.8	18.9	45.6	86.7	135.7	183.2	235.2	301.0
32.5°	0.0	1.9	2.9	8.0	23.4	55.9	100.9	155.6	208.5	273.2	356.6
30°	0.0	2.0	3.0	9.4	28.0	66.1	117.1	175.8	233.9	311.3	410.0
27.5°	0.0	2.1	3.1	10.8	33.5	76.2	133.0	196.7	261.9	349.3	461.0
25°	0.0	2.1	3.2	12.3	39.3	86.1	148.5	217.5	293.5	390.8	509.6
22.5°	0.0	2.2	3.3	13.8	45.0	96.3	163.6	237.9	324.5	432.3	558.8
20°	0.0	2.2	3.4	15.4	50.6	107.2	178.1	257.9	354.7	471.5	606.8
17.5°	0.0	2.3	3.6	17.0	56.2	117.7	192.5	277.3	383.9	508.2	653.3
15°	0.0	2.3	3.7	18.7	61.6	127.8	206.4	295.3	411.9	542.5	698.0
12.5°	0.0	2.4	3.8	20.3	66.8	137.5	219.3	311.4	434.3	574.3	740.5
10°	0.0	2.4	3.9	21.9	71.8	146.6	231.3	326.2	451.0	593.3	775.1
7.5°	0.0	2.4	4.0	23.5	76.5	155.1	242.3	339.7	465.2	608.0	795.3
5°	0.0	2.5	4.0	24.9	81.0	163.0	252.4	351.9	477.1	620.0	811.7
2.5°	0.0	2.5	4.1	26.3	85.0	170.1	261.4	362.7	486.7	629.1	824.3
0°	0.0	2.5	4.2	27.6	88.6	176.5	269.3	372.1	494.2	635.6	832.9
-2.5°	0.0	2.6	4.9	29.4	92.0	180.5	273.2	377.6	496.9	643.8	838.5
-5°	0.0	2.8	5.5	31.0	94.8	183.7	276.1	381.6	497.9	649.1	840.3
-7.5°	0.0	2.9	6.1	32.5	97.2	186.0	277.9	384.1	497.2	651.3	838.4
-10°	0.0	3.0	6.7	33.8	99.0	187.4	278.8	385.0	495.0	650.0	833.1
-12.5°	0.0	3.1	7.3	34.9	100.2	188.0	278.6	384.4	491.6	644.8	824.0
-15°	0.0	3.3	7.8	35.7	100.7	187.7	277.5	382.1	487.7	634.5	810.7
-17.5°	0.0	3.3	8.3	36.4	100.7	186.6	275.5	377.5	483.0	621.8	793.5
-20°	0.0	3.4	8.8	36.7	99.9	184.6	272.3	371.0	476.2	606.5	772.2

Classified

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

Scaled Data Report



REPORT NUMBER: P645405 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-727-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	3.5	9.2	36.8	98.5	181.8	267.8	363.1	467.4	589.0	746.9
-25°	0.0	3.5	9.6	36.7	96.4	177.4	262.2	353.9	456.6	569.2	717.6
-27.5°	0.0	3.6	9.9	36.2	93.6	172.0	255.5	343.5	443.6	550.1	691.7
-30°	0.0	3.6	10.1	35.5	90.1	165.8	247.8	331.9	429.5	533.9	664.0
-32.5°	0.0	3.6	10.3	34.4	86.0	158.8	239.1	321.1	414.4	515.2	634.4
-35°	0.0	3.6	10.5	33.1	81.4	151.2	229.6	309.8	398.2	494.0	602.9
-37.5°	0.0	3.6	10.5	31.4	76.4	143.5	219.5	297.3	380.8	470.3	571.9
-40°	0.0	3.6	10.6	29.5	71.0	136.5	208.5	283.6	362.3	447.9	541.2
-42.5°	0.0	3.5	10.5	27.3	66.8	129.1	196.8	268.8	344.5	424.3	508.2
-45°	0.0	3.4	10.4	25.2	64.0	121.1	184.4	253.4	326.2	399.1	474.0
-47.5°	0.0	3.4	10.2	22.7	60.6	112.7	171.2	238.1	306.6	372.7	444.5
-50°	0.0	3.3	9.9	21.9	56.8	103.9	160.2	222.0	284.9	348.4	413.5
-52.5°	0.0	3.1	9.6	21.5	52.5	94.6	149.2	205.2	264.2	323.4	381.7
-55°	0.0	3.0	9.2	20.8	47.7	87.6	137.8	188.2	243.4	297.7	353.5
-57.5°	0.0	2.9	8.8	19.9	42.4	80.4	125.9	174.6	221.9	273.1	324.7
-60°	0.0	2.7	8.3	18.8	36.9	72.7	113.9	159.6	200.4	248.3	295.9
-62.5°	0.0	2.5	7.8	17.5	34.3	64.3	102.9	143.4	180.4	222.7	267.7
-65°	0.0	2.3	7.2	15.9	31.3	55.3	91.1	126.5	159.3	197.1	238.8
-67.5°	0.0	2.1	6.6	14.2	28.0	47.8	78.6	109.7	137.1	170.3	207.6
-70°	0.0	1.9	6.0	12.4	24.3	41.8	65.4	92.6	117.2	142.4	174.4
-72.5°	0.0	1.7	5.3	10.9	20.4	35.4	55.3	75.0	96.9	119.2	141.7
-75°	0.0	1.5	4.6	9.5	16.3	28.6	45.2	60.5	76.3	95.7	115.3
-77.5°	0.0	1.2	3.9	8.0	13.4	21.5	34.6	46.7	59.3	73.0	88.6
-80°	0.0	1.0	3.2	6.4	10.9	16.4	23.7	32.8	42.5	53.1	64.4
-82.5°	0.0	0.8	2.4	4.9	8.2	12.4	17.4	21.0	25.4	32.8	40.9
-85°	0.0	0.5	1.6	3.3	5.5	8.3	11.6	14.1	16.6	19.2	21.8
-87.5°	0.0	0.3	0.8	1.6	2.8	4.2	5.8	7.0	8.3	9.6	10.9
-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: P645405 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-727-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	1.1	1.0	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8
70°	1.3	1.4	1.2	0.9	0.8	0.8	0.9	0.9	0.8	0.8	0.8
67.5°	1.6	1.4	1.2	1.1	1.1	1.3	1.2	1.0	0.8	0.8	0.8
65°	1.7	1.5	2.1	2.4	1.8	1.5	1.3	1.1	1.1	1.2	1.2
62.5°	2.5	3.1	4.0	7.1	5.3	1.6	2.8	3.2	2.4	2.0	2.1
60°	8.2	5.5	16.5	23.6	14.8	5.4	6.6	21.8	18.9	3.5	11.8
57.5°	17.2	23.5	43.4	44.2	30.5	21.1	61.3	70.8	53.6	31.3	47.9
55°	37.8	58.1	71.9	66.6	72.7	110.2	130.9	117.6	99.1	152.3	194.6
52.5°	73.8	94.5	99.2	114.0	163.1	187.4	179.6	192.1	249.1	309.3	322.4
50°	109.0	125.9	139.1	201.2	239.7	242.2	260.0	316.5	392.5	429.4	420.5
47.5°	143.0	160.6	222.0	281.7	299.0	322.7	367.3	476.3	556.8	558.4	549.3
45°	179.0	225.8	304.3	343.2	371.3	417.1	524.9	675.3	683.1	704.9	839.3
42.5°	217.4	299.5	368.0	408.5	453.8	539.2	683.2	781.8	815.8	911.4	1019.5
40°	279.7	370.7	430.6	482.3	540.5	665.2	822.9	915.3	942.9	1025.7	1106.9
37.5°	342.9	430.2	497.2	559.6	640.3	808.6	991.0	1067.3	1081.2	1096.4	1276.4
35°	403.8	491.2	571.4	653.0	752.1	994.3	1153.7	1225.4	1223.2	1325.4	1513.9
32.5°	460.7	553.5	648.2	757.4	920.7	1168.9	1328.4	1371.3	1436.4	1585.1	1842.4
30°	517.5	623.0	731.8	861.8	1068.7	1283.9	1465.9	1535.0	1646.5	1816.3	2003.6
27.5°	576.0	694.3	825.8	978.2	1185.5	1383.3	1538.8	1703.8	1812.2	1964.3	2097.6
25°	634.3	769.8	918.6	1079.9	1269.1	1453.4	1614.2	1804.8	1921.1	2043.8	2168.1
22.5°	695.4	846.3	1014.4	1160.5	1339.5	1513.0	1704.4	1911.1	2062.4	2140.4	2223.8
20°	759.4	929.1	1108.4	1270.3	1409.0	1568.3	1795.0	2046.1	2241.4	2329.1	2340.5
17.5°	822.3	1009.3	1202.0	1377.3	1526.9	1668.7	1890.1	2207.8	2450.7	2532.2	2568.5
15°	883.8	1086.4	1295.2	1481.5	1645.7	1819.1	2055.5	2378.6	2656.3	2746.5	2803.6
12.5°	943.1	1160.0	1386.9	1582.3	1764.6	1959.1	2205.7	2501.5	2755.0	2929.5	3034.2
10°	999.6	1229.4	1475.9	1679.0	1882.2	2089.0	2330.1	2593.1	2799.4	2967.7	3116.3
7.5°	1028.1	1274.8	1552.3	1771.0	1996.8	2209.0	2431.9	2657.7	2831.4	2996.5	3140.2
5°	1047.4	1293.5	1576.2	1803.0	2057.7	2289.0	2505.4	2700.1	2852.3	3015.9	3156.3
2.5°	1061.2	1305.6	1592.3	1820.6	2080.6	2313.7	2526.6	2714.2	2869.6	3029.8	3173.5
0°	1069.6	1311.3	1600.6	1831.4	2094.9	2329.9	2538.9	2719.6	2881.0	3036.5	3191.2
-2.5°	1074.3	1328.8	1606.1	1859.2	2108.7	2343.8	2556.2	2732.5	2901.2	3049.1	3204.3
-5°	1073.7	1339.3	1604.7	1877.9	2115.3	2349.2	2564.8	2738.3	2912.1	3058.6	3209.6
-7.5°	1067.9	1341.7	1597.4	1883.7	2115.6	2347.4	2561.0	2741.1	2911.9	3067.3	3210.1
-10°	1057.5	1332.2	1590.7	1868.6	2107.5	2337.9	2549.4	2735.0	2905.1	3065.6	3207.3
-12.5°	1045.2	1312.7	1576.8	1846.8	2091.0	2320.1	2531.9	2719.3	2892.4	3052.5	3200.9
-15°	1026.8	1286.7	1553.9	1819.2	2065.9	2294.2	2509.1	2693.8	2872.8	3029.5	3181.9
-17.5°	1002.1	1254.4	1521.7	1786.4	2032.1	2260.5	2479.8	2660.0	2838.2	3000.1	3147.2
-20°	971.0	1216.3	1479.8	1749.1	1989.1	2215.2	2427.7	2616.3	2793.3	2958.1	3112.6

Classified

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

Scaled Data Report



REPORT NUMBER: P645405 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-727-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°	933.3	1172.4	1429.4	1698.8	1935.6	2159.0	2369.0	2560.7	2744.1	2903.4	3068.2
-25°	895.6	1126.0	1373.6	1629.2	1873.4	2095.9	2306.5	2493.2	2680.7	2846.4	3002.9
-27.5°	859.5	1072.2	1308.9	1552.5	1802.9	2024.3	2233.0	2419.9	2601.9	2783.1	2933.7
-30°	818.9	1009.9	1238.0	1470.6	1714.7	1940.2	2150.4	2344.4	2517.6	2696.5	2858.2
-32.5°	774.2	943.8	1163.1	1386.9	1617.1	1847.5	2055.8	2248.4	2428.6	2597.8	2767.6
-35°	730.4	890.5	1083.7	1297.0	1513.5	1739.7	1948.1	2138.9	2325.9	2493.5	2655.7
-37.5°	691.1	832.7	999.3	1203.1	1410.0	1623.9	1835.9	2020.6	2198.5	2382.8	2541.0
-40°	648.5	770.6	926.3	1106.3	1301.4	1504.8	1707.8	1898.8	2066.1	2248.2	2422.2
-42.5°	603.9	720.1	854.2	1003.9	1188.1	1379.8	1575.8	1762.7	1936.4	2108.2	2280.6
-45°	564.8	666.7	780.8	917.6	1067.6	1247.9	1433.5	1619.8	1786.5	1950.2	2120.5
-47.5°	523.3	612.9	718.5	827.7	958.1	1108.9	1283.4	1455.2	1625.8	1781.6	1932.3
-50°	481.9	564.5	651.3	749.7	857.2	979.4	1124.3	1284.1	1440.0	1599.9	1749.2
-52.5°	446.3	513.6	592.0	674.2	766.2	867.3	983.4	1114.6	1256.4	1392.1	1541.0
-55°	409.3	470.0	533.3	605.6	682.2	767.5	862.7	973.0	1081.1	1206.7	1328.3
-57.5°	375.5	426.7	480.7	540.4	607.0	675.3	758.4	844.2	942.4	1040.0	1136.2
-60°	343.7	385.6	431.3	481.9	535.4	596.2	658.3	731.9	811.0	888.9	970.6
-62.5°	311.6	346.9	384.2	426.2	472.8	518.8	571.8	628.5	686.7	752.7	817.1
-65°	278.7	307.2	338.8	373.6	410.8	450.0	490.7	532.7	582.1	630.5	677.4
-67.5°	243.7	268.0	293.6	321.1	352.3	383.0	413.7	449.2	485.6	521.4	558.4
-70°	204.9	227.8	249.2	271.4	294.6	318.7	344.9	370.9	396.6	423.4	453.2
-72.5°	165.4	186.5	205.3	221.7	240.8	260.8	279.9	298.2	317.5	337.9	358.1
-75°	131.9	145.9	162.6	177.9	193.1	207.2	219.8	235.3	251.5	266.3	278.5
-77.5°	103.0	115.7	127.1	137.4	149.4	163.5	175.8	186.4	196.7	207.9	219.7
-80°	74.9	85.4	95.9	105.4	112.3	120.3	129.7	140.5	149.8	157.5	164.4
-82.5°	48.4	56.0	63.8	71.7	74.9	77.1	79.2	82.9	88.7	94.4	99.9
-85°	24.1	26.3	31.1	35.9	37.6	38.8	39.6	40.0	42.0	43.8	45.4
-87.5°	12.1	13.2	14.3	15.4	14.8	14.0	13.0	11.8	11.5	11.2	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: P645405 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-727-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°	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.5
65°	1.2	1.1	1.2	1.2	1.0	1.0	1.0	1.0	0.9	0.7	0.5
62.5°	2.1	2.4	1.9	1.9	1.8	1.8	1.7	1.6	1.5	1.4	1.5
60°	13.1	7.7	4.5	5.3	4.7	3.2	4.0	4.7	4.8	4.4	3.9
57.5°	72.7	54.3	40.2	95.9	96.2	45.9	55.3	87.0	71.7	23.6	21.9
55°	202.2	241.8	318.3	302.3	307.2	353.4	385.9	341.6	334.9	356.9	412.3
52.5°	363.3	401.1	426.8	450.8	480.1	511.6	544.1	564.7	584.0	604.5	616.8
50°	463.9	517.1	553.8	540.3	616.1	647.1	615.6	643.8	678.1	687.5	691.9
47.5°	685.0	763.1	778.7	829.0	874.2	873.2	834.8	837.0	939.2	1029.4	1073.6
45°	984.5	987.1	1036.3	1125.1	1188.6	1168.6	1222.2	1344.1	1384.7	1423.9	1456.0
42.5°	1101.1	1149.5	1227.9	1306.4	1353.8	1394.8	1434.5	1479.3	1532.0	1574.7	1608.8
40°	1214.1	1253.1	1333.3	1396.6	1435.8	1474.1	1520.4	1570.0	1618.2	1655.7	1681.3
37.5°	1388.0	1418.1	1437.7	1496.4	1570.6	1536.4	1624.1	1687.1	1715.8	1753.9	1757.3
35°	1651.0	1630.9	1604.9	1838.7	1852.7	1773.7	1855.8	1953.3	1901.9	2009.0	2066.5
32.5°	1884.2	1881.2	2085.3	2208.2	2137.5	2195.2	2384.3	2375.9	2502.0	2560.5	2543.8
30°	2103.9	2178.9	2296.9	2388.4	2400.7	2491.7	2575.7	2649.3	2725.4	2793.6	2798.3
27.5°	2215.4	2313.2	2393.4	2446.3	2505.4	2582.0	2658.2	2741.1	2805.8	2848.6	2859.1
25°	2282.8	2382.8	2443.5	2500.5	2565.7	2631.8	2717.2	2807.4	2859.4	2885.8	2894.2
22.5°	2342.3	2432.1	2497.4	2543.6	2613.8	2685.0	2764.6	2840.9	2897.4	2908.9	2913.1
20°	2399.6	2485.9	2594.8	2662.9	2659.5	2739.6	2816.3	2877.0	2924.1	2923.8	2925.0
17.5°	2565.2	2596.0	2793.7	2943.8	2869.4	2830.2	3041.1	3045.1	3057.6	3032.7	2978.8
15°	2810.5	2866.5	3109.4	3272.1	3220.8	3218.1	3522.7	3447.2	3512.1	3495.1	3568.3
12.5°	3070.2	3136.6	3318.1	3477.8	3554.0	3572.6	3674.3	3769.7	3789.3	3781.5	3767.2
10°	3247.2	3341.7	3414.6	3511.6	3588.4	3666.7	3725.6	3794.1	3816.5	3803.5	3785.2
7.5°	3270.2	3363.7	3449.2	3534.3	3607.5	3670.6	3731.7	3787.4	3810.2	3802.7	3790.1
5°	3284.8	3369.5	3452.5	3538.8	3608.7	3667.2	3728.1	3784.6	3798.0	3789.0	3776.7
2.5°	3293.9	3372.3	3452.2	3538.2	3601.7	3657.3	3719.0	3779.3	3779.2	3775.2	3768.1
0°	3298.3	3376.9	3469.7	3547.5	3618.6	3671.2	3732.3	3790.8	3786.7	3775.8	3763.2
-2.5°	3307.6	3387.3	3482.0	3546.5	3626.6	3674.9	3738.0	3788.7	3786.7	3781.4	3775.2
-5°	3316.0	3405.6	3494.3	3562.1	3642.4	3705.5	3768.2	3807.8	3810.0	3802.5	3792.0
-7.5°	3321.1	3420.5	3505.0	3573.1	3651.0	3724.4	3788.0	3829.6	3830.5	3820.6	3808.1
-10°	3319.4	3424.3	3511.3	3581.7	3661.5	3733.9	3800.5	3853.2	3851.5	3842.0	3831.4
-12.5°	3313.2	3417.9	3507.3	3577.8	3668.5	3743.0	3817.9	3870.3	3873.1	3866.0	3854.5
-15°	3299.4	3407.5	3494.4	3571.5	3660.3	3747.5	3824.4	3882.3	3892.6	3886.8	3877.7
-17.5°	3272.2	3386.2	3478.4	3561.5	3646.7	3739.6	3827.1	3890.3	3904.5	3902.2	3894.6
-20°	3236.4	3354.1	3447.7	3534.7	3627.4	3723.2	3825.0	3882.8	3903.3	3904.6	3899.5



REPORT NUMBER: P645405 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-727-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°	3196.2	3311.5	3410.8	3496.3	3596.9	3693.8	3785.9	3853.7	3888.1	3894.5	3894.9
-25°	3148.1	3266.5	3365.2	3456.3	3549.8	3649.9	3743.0	3818.6	3853.5	3870.2	3875.3
-27.5°	3080.0	3202.4	3299.5	3395.8	3490.9	3594.3	3692.2	3774.4	3802.8	3825.7	3834.9
-30°	3000.3	3121.3	3220.3	3308.3	3417.2	3522.6	3623.6	3695.3	3738.1	3764.4	3778.7
-32.5°	2908.6	3030.8	3134.7	3226.6	3330.1	3435.5	3530.5	3606.2	3665.2	3695.4	3710.7
-35°	2809.2	2934.0	3042.8	3139.6	3237.0	3337.5	3435.9	3515.1	3582.3	3608.3	3627.4
-37.5°	2689.3	2826.9	2938.5	3038.3	3130.9	3225.3	3327.8	3418.4	3483.7	3508.9	3529.1
-40°	2566.4	2699.4	2811.9	2918.4	3009.9	3113.0	3211.8	3306.6	3363.2	3392.7	3415.6
-42.5°	2436.6	2556.7	2663.7	2767.2	2869.1	2975.3	3073.9	3172.5	3221.5	3256.9	3285.0
-45°	2286.7	2398.6	2502.5	2599.3	2704.4	2808.8	2907.5	2994.7	3052.9	3099.0	3134.9
-47.5°	2087.0	2223.2	2327.6	2419.6	2523.8	2624.5	2720.2	2802.1	2866.1	2920.0	2961.7
-50°	1884.2	2014.9	2132.6	2236.0	2332.7	2425.8	2516.9	2597.0	2664.7	2723.1	2765.4
-52.5°	1684.4	1806.8	1923.6	2030.4	2123.3	2211.2	2294.5	2375.2	2446.5	2509.1	2549.9
-55°	1458.6	1585.5	1701.0	1800.6	1893.4	1980.3	2062.6	2139.0	2209.3	2272.9	2312.1
-57.5°	1246.8	1358.1	1465.6	1557.6	1645.2	1727.9	1806.0	1879.1	1946.7	2006.6	2044.4
-60°	1052.2	1133.3	1225.8	1310.7	1388.4	1458.8	1531.6	1599.8	1661.9	1714.6	1749.8
-62.5°	880.1	947.4	1014.1	1078.7	1141.6	1204.9	1265.9	1322.5	1374.3	1417.5	1448.3
-65°	726.7	780.8	829.1	874.9	918.5	968.4	1014.7	1058.3	1098.6	1131.7	1155.2
-67.5°	598.4	636.4	669.8	701.2	735.6	770.9	803.9	832.7	857.4	877.0	892.5
-70°	482.6	510.5	535.7	560.7	585.9	608.8	630.7	651.9	672.0	688.4	700.7
-72.5°	378.0	397.0	414.2	433.5	451.5	468.9	484.1	496.3	505.8	515.1	523.1
-75°	288.2	302.5	321.8	338.1	351.7	363.6	374.5	384.3	392.9	400.4	407.1
-77.5°	231.7	243.9	256.2	268.2	279.7	288.2	296.2	304.2	312.0	318.7	324.6
-80°	171.8	180.9	190.4	199.9	209.5	214.2	218.0	221.4	224.5	228.5	232.3
-82.5°	105.1	110.2	115.5	120.8	126.1	127.5	127.9	127.8	127.1	125.6	123.4
-85°	46.7	47.0	46.9	46.3	45.4	43.6	41.3	38.7	35.7	35.3	34.8
-87.5°	10.2	10.0	9.7	9.4	9.1	9.1	9.0	9.0	8.9	9.2	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



REPORT NUMBER: P645405 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-727-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	1.0
62.5°	1.6	1.6	1.7	1.7	1.7	1.6	1.6	1.5	1.4	1.5	1.6
60°	3.1	2.0	1.7	1.7	1.7	2.0	3.1	3.9	4.4	4.8	4.7
57.5°	18.5	13.8	11.7	10.9	11.7	13.8	18.5	21.9	23.6	71.7	87.0
55°	452.0	475.0	492.2	500.1	492.2	475.0	452.0	412.3	356.9	334.9	341.6
52.5°	627.5	637.5	643.3	643.1	643.3	637.5	627.5	616.8	604.5	584.0	564.7
50°	699.4	704.3	706.0	705.0	706.0	704.3	699.4	691.9	687.5	678.1	643.8
47.5°	1033.2	943.7	878.0	862.2	878.0	943.7	1033.2	1073.6	1029.4	939.2	837.0
45°	1471.4	1505.4	1539.1	1549.6	1539.1	1505.4	1471.4	1456.0	1423.9	1384.7	1344.1
42.5°	1623.2	1634.3	1640.5	1640.8	1640.5	1634.3	1623.2	1608.8	1574.7	1532.0	1479.3
40°	1695.7	1706.1	1712.2	1712.7	1712.2	1706.1	1695.7	1681.3	1655.7	1618.2	1570.0
37.5°	1761.5	1770.4	1776.2	1782.1	1776.2	1770.4	1761.5	1757.3	1753.9	1715.8	1687.1
35°	2058.7	1991.4	1894.6	1909.2	1894.6	1991.4	2058.7	2066.5	2009.0	1901.9	1953.3
32.5°	2569.9	2598.3	2615.9	2646.0	2615.9	2598.3	2569.9	2543.8	2560.5	2502.0	2375.9
30°	2805.7	2815.1	2829.2	2844.2	2829.2	2815.1	2805.7	2798.3	2793.6	2725.4	2649.3
27.5°	2864.6	2874.3	2882.8	2889.3	2882.8	2874.3	2864.6	2859.1	2848.6	2805.8	2741.1
25°	2895.4	2901.4	2910.5	2918.6	2910.5	2901.4	2895.4	2894.2	2885.8	2859.4	2807.4
22.5°	2910.7	2911.3	2918.5	2928.6	2918.5	2911.3	2910.7	2913.1	2908.9	2897.4	2840.9
20°	2921.2	2915.5	2922.9	2929.5	2922.9	2915.5	2921.2	2925.0	2923.8	2924.1	2877.0
17.5°	3054.9	2978.6	2947.3	2947.9	2947.3	2978.6	3054.9	2978.8	3032.7	3057.6	3045.1
15°	3486.2	3514.8	3624.5	3683.8	3624.5	3514.8	3486.2	3568.3	3495.1	3512.1	3447.2
12.5°	3764.5	3754.3	3741.3	3759.1	3741.3	3754.3	3764.5	3767.2	3781.5	3789.3	3769.7
10°	3777.4	3776.2	3753.1	3778.3	3753.1	3776.2	3777.4	3785.2	3803.5	3816.5	3794.1
7.5°	3769.5	3770.2	3760.3	3785.0	3760.3	3770.2	3769.5	3790.1	3802.7	3810.2	3787.4
5°	3774.8	3757.8	3764.2	3778.3	3764.2	3757.8	3774.8	3776.7	3789.0	3798.0	3784.6
2.5°	3760.1	3758.3	3745.8	3755.7	3745.8	3758.3	3760.1	3768.1	3775.2	3779.2	3779.3
0°	3749.0	3739.8	3739.8	3748.2	3739.8	3739.8	3749.0	3763.2	3775.8	3786.7	3790.8
-2.5°	3768.8	3766.9	3765.6	3759.9	3765.6	3766.9	3768.8	3775.2	3781.4	3786.7	3788.7
-5°	3785.1	3780.1	3766.4	3785.0	3766.4	3780.1	3785.1	3792.0	3802.5	3810.0	3807.8
-7.5°	3802.6	3789.9	3776.8	3805.9	3776.8	3789.9	3802.6	3808.1	3820.6	3830.5	3829.6
-10°	3818.6	3800.2	3787.5	3815.9	3787.5	3800.2	3818.6	3831.4	3842.0	3851.5	3853.2
-12.5°	3839.6	3818.2	3809.7	3825.1	3809.7	3818.2	3839.6	3854.5	3866.0	3873.1	3870.3
-15°	3862.2	3847.3	3845.3	3854.4	3845.3	3847.3	3862.2	3877.7	3886.8	3892.6	3882.3
-17.5°	3881.9	3871.5	3876.6	3887.0	3876.6	3871.5	3881.9	3894.6	3902.2	3904.5	3890.3
-20°	3891.4	3885.6	3891.4	3917.1	3891.4	3885.6	3891.4	3899.5	3904.6	3903.3	3882.8



REPORT NUMBER: P645405 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-727-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°	3890.6	3890.9	3901.1	3909.6	3901.1	3890.9	3890.6	3894.9	3894.5	3888.1	3853.7
-25°	3875.7	3883.6	3895.3	3912.1	3895.3	3883.6	3875.7	3875.3	3870.2	3853.5	3818.6
-27.5°	3839.9	3852.9	3865.2	3882.8	3865.2	3852.9	3839.9	3834.9	3825.7	3802.8	3774.4
-30°	3788.1	3803.6	3814.6	3833.5	3814.6	3803.6	3788.1	3778.7	3764.4	3738.1	3695.3
-32.5°	3725.1	3742.6	3755.6	3769.1	3755.6	3742.6	3725.1	3710.7	3695.4	3665.2	3606.2
-35°	3646.4	3665.2	3679.0	3691.3	3679.0	3665.2	3646.4	3627.4	3608.3	3582.3	3515.1
-37.5°	3551.8	3572.1	3587.8	3601.8	3587.8	3572.1	3551.8	3529.1	3508.9	3483.7	3418.4
-40°	3441.6	3462.4	3479.1	3494.8	3479.1	3462.4	3441.6	3415.6	3392.7	3363.2	3306.6
-42.5°	3312.7	3333.7	3350.9	3366.8	3350.9	3333.7	3312.7	3285.0	3256.9	3221.5	3172.5
-45°	3163.8	3185.5	3203.7	3220.5	3203.7	3185.5	3163.8	3134.9	3099.0	3052.9	2994.7
-47.5°	2992.4	3015.6	3031.2	3039.0	3031.2	3015.6	2992.4	2961.7	2920.0	2866.1	2802.1
-50°	2795.9	2819.1	2837.8	2851.7	2837.8	2819.1	2795.9	2765.4	2723.1	2664.7	2597.0
-52.5°	2579.7	2601.7	2617.8	2627.6	2617.8	2601.7	2579.7	2549.9	2509.1	2446.5	2375.2
-55°	2342.9	2365.9	2381.2	2388.4	2381.2	2365.9	2342.9	2312.1	2272.9	2209.3	2139.0
-57.5°	2074.3	2096.2	2112.5	2121.6	2112.5	2096.2	2074.3	2044.4	2006.6	1946.7	1879.1
-60°	1777.1	1796.7	1809.1	1813.9	1809.1	1796.7	1777.1	1749.8	1714.6	1661.9	1599.8
-62.5°	1473.2	1491.7	1503.3	1507.8	1503.3	1491.7	1473.2	1448.3	1417.5	1374.3	1322.5
-65°	1172.7	1184.3	1190.7	1191.7	1190.7	1184.3	1172.7	1155.2	1131.7	1098.6	1058.3
-67.5°	904.7	913.5	918.9	920.7	918.9	913.5	904.7	892.5	877.0	857.4	832.7
-70°	709.9	716.0	719.4	720.0	719.4	716.0	709.9	700.7	688.4	672.0	651.9
-72.5°	529.3	533.7	532.1	528.5	532.1	533.7	529.3	523.1	515.1	505.8	496.3
-75°	412.9	417.7	415.7	412.3	415.7	417.7	412.9	407.1	400.4	392.9	384.3
-77.5°	329.8	334.2	332.1	328.7	332.1	334.2	329.8	324.6	318.7	312.0	304.2
-80°	235.5	238.1	239.9	240.8	239.9	238.1	235.5	232.3	228.5	224.5	221.4
-82.5°	120.5	117.0	114.8	112.1	114.8	117.0	120.5	123.4	125.6	127.1	127.8
-85°	34.1	33.3	33.9	34.3	33.9	33.3	34.1	34.8	35.3	35.7	38.7
-87.5°	9.7	10.0	10.0	10.0	10.0	10.0	9.7	9.5	9.2	8.9	9.0
-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: P645405 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-727-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	1.0	1.0	1.2	1.2	1.1	1.2	1.2	1.2	1.1	1.1
62.5°	1.7	1.8	1.8	1.9	1.9	2.4	2.1	2.1	2.0	2.4	3.2
60°	4.0	3.2	4.7	5.3	4.5	7.7	13.1	11.8	3.5	18.9	21.8
57.5°	55.3	45.9	96.2	95.9	40.2	54.3	72.7	47.9	31.3	53.6	70.8
55°	385.9	353.4	307.2	302.3	318.3	241.8	202.2	194.6	152.3	99.1	117.6
52.5°	544.1	511.6	480.1	450.8	426.8	401.1	363.3	322.4	309.3	249.1	192.1
50°	615.6	647.1	616.1	540.3	553.8	517.1	463.9	420.5	429.4	392.5	316.5
47.5°	834.8	873.2	874.2	829.0	778.7	763.1	685.0	549.3	558.4	556.8	476.3
45°	1222.2	1168.6	1188.6	1125.1	1036.3	987.1	984.5	839.3	704.9	683.1	675.3
42.5°	1434.5	1394.8	1353.8	1306.4	1227.9	1149.5	1101.1	1019.5	911.4	815.8	781.8
40°	1520.4	1474.1	1435.8	1396.6	1333.3	1253.1	1214.1	1106.9	1025.7	942.9	915.3
37.5°	1624.1	1536.4	1570.6	1496.4	1437.7	1418.1	1388.0	1276.4	1096.4	1081.2	1067.3
35°	1855.8	1773.7	1852.7	1838.7	1604.9	1630.9	1651.0	1513.9	1325.4	1223.2	1225.4
32.5°	2384.3	2195.2	2137.5	2208.2	2085.3	1881.2	1884.2	1842.4	1585.1	1436.4	1371.3
30°	2575.7	2491.7	2400.7	2388.4	2296.9	2178.9	2103.9	2003.6	1816.3	1646.5	1535.0
27.5°	2658.2	2582.0	2505.4	2446.3	2393.4	2313.2	2215.4	2097.6	1964.3	1812.2	1703.8
25°	2717.2	2631.8	2565.7	2500.5	2443.5	2382.8	2282.8	2168.1	2043.8	1921.1	1804.8
22.5°	2764.6	2685.0	2613.8	2543.6	2497.4	2432.1	2342.3	2223.8	2140.4	2062.4	1911.1
20°	2816.3	2739.6	2659.5	2662.9	2594.8	2485.9	2399.6	2340.5	2329.1	2241.4	2046.1
17.5°	3041.1	2830.2	2869.4	2943.8	2793.7	2596.0	2565.2	2568.5	2532.2	2450.7	2207.8
15°	3522.7	3218.1	3220.8	3272.1	3109.4	2866.5	2810.5	2803.6	2746.5	2656.3	2378.6
12.5°	3674.3	3572.6	3554.0	3477.8	3318.1	3136.6	3070.2	3034.2	2929.5	2755.0	2501.5
10°	3725.6	3666.7	3588.4	3511.6	3414.6	3341.7	3247.2	3116.3	2967.7	2799.4	2593.1
7.5°	3731.7	3670.6	3607.5	3534.3	3449.2	3363.7	3270.2	3140.2	2996.5	2831.4	2657.7
5°	3728.1	3667.2	3608.7	3538.8	3452.5	3369.5	3284.8	3156.3	3015.9	2852.3	2700.1
2.5°	3719.0	3657.3	3601.7	3538.2	3452.2	3372.3	3293.9	3173.5	3029.8	2869.6	2714.2
0°	3732.3	3671.2	3618.6	3547.5	3469.7	3376.9	3298.3	3191.2	3036.5	2881.0	2719.6
-2.5°	3738.0	3674.9	3626.6	3546.5	3482.0	3387.3	3307.6	3204.3	3049.1	2901.2	2732.5
-5°	3768.2	3705.5	3642.4	3562.1	3494.3	3405.6	3316.0	3209.6	3058.6	2912.1	2738.3
-7.5°	3788.0	3724.4	3651.0	3573.1	3505.0	3420.5	3321.1	3210.1	3067.3	2911.9	2741.1
-10°	3800.5	3733.9	3661.5	3581.7	3511.3	3424.3	3319.4	3207.3	3065.6	2905.1	2735.0
-12.5°	3817.9	3743.0	3668.5	3577.8	3507.3	3417.9	3313.2	3200.9	3052.5	2892.4	2719.3
-15°	3824.4	3747.5	3660.3	3571.5	3494.4	3407.5	3299.4	3181.9	3029.5	2872.8	2693.8
-17.5°	3827.1	3739.6	3646.7	3561.5	3478.4	3386.2	3272.2	3147.2	3000.1	2838.2	2660.0
-20°	3825.0	3723.2	3627.4	3534.7	3447.7	3354.1	3236.4	3112.6	2958.1	2793.3	2616.3



REPORT NUMBER: P645405 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-727-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°	3785.9	3693.8	3596.9	3496.3	3410.8	3311.5	3196.2	3068.2	2903.4	2744.1	2560.7
-25°	3743.0	3649.9	3549.8	3456.3	3365.2	3266.5	3148.1	3002.9	2846.4	2680.7	2493.2
-27.5°	3692.2	3594.3	3490.9	3395.8	3299.5	3202.4	3080.0	2933.7	2783.1	2601.9	2419.9
-30°	3623.6	3522.6	3417.2	3308.3	3220.3	3121.3	3000.3	2858.2	2696.5	2517.6	2344.4
-32.5°	3530.5	3435.5	3330.1	3226.6	3134.7	3030.8	2908.6	2767.6	2597.8	2428.6	2248.4
-35°	3435.9	3337.5	3237.0	3139.6	3042.8	2934.0	2809.2	2655.7	2493.5	2325.9	2138.9
-37.5°	3327.8	3225.3	3130.9	3038.3	2938.5	2826.9	2689.3	2541.0	2382.8	2198.5	2020.6
-40°	3211.8	3113.0	3009.9	2918.4	2811.9	2699.4	2566.4	2422.2	2248.2	2066.1	1898.8
-42.5°	3073.9	2975.3	2869.1	2767.2	2663.7	2556.7	2436.6	2280.6	2108.2	1936.4	1762.7
-45°	2907.5	2808.8	2704.4	2599.3	2502.5	2398.6	2286.7	2120.5	1950.2	1786.5	1619.8
-47.5°	2720.2	2624.5	2523.8	2419.6	2327.6	2223.2	2087.0	1932.3	1781.6	1625.8	1455.2
-50°	2516.9	2425.8	2332.7	2236.0	2132.6	2014.9	1884.2	1749.2	1599.9	1440.0	1284.1
-52.5°	2294.5	2211.2	2123.3	2030.4	1923.6	1806.8	1684.4	1541.0	1392.1	1256.4	1114.6
-55°	2062.6	1980.3	1893.4	1800.6	1701.0	1585.5	1458.6	1328.3	1206.7	1081.1	973.0
-57.5°	1806.0	1727.9	1645.2	1557.6	1465.6	1358.1	1246.8	1136.2	1040.0	942.4	844.2
-60°	1531.6	1458.8	1388.4	1310.7	1225.8	1133.3	1052.2	970.6	888.9	811.0	731.9
-62.5°	1265.9	1204.9	1141.6	1078.7	1014.1	947.4	880.1	817.1	752.7	686.7	628.5
-65°	1014.7	968.4	918.5	874.9	829.1	780.8	726.7	677.4	630.5	582.1	532.7
-67.5°	803.9	770.9	735.6	701.2	669.8	636.4	598.4	558.4	521.4	485.6	449.2
-70°	630.7	608.8	585.9	560.7	535.7	510.5	482.6	453.2	423.4	396.6	370.9
-72.5°	484.1	468.9	451.5	433.5	414.2	397.0	378.0	358.1	337.9	317.5	298.2
-75°	374.5	363.6	351.7	338.1	321.8	302.5	288.2	278.5	266.3	251.5	235.3
-77.5°	296.2	288.2	279.7	268.2	256.2	243.9	231.7	219.7	207.9	196.7	186.4
-80°	218.0	214.2	209.5	199.9	190.4	180.9	171.8	164.4	157.5	149.8	140.5
-82.5°	127.9	127.5	126.1	120.8	115.5	110.2	105.1	99.9	94.4	88.7	82.9
-85°	41.3	43.6	45.4	46.3	46.9	47.0	46.7	45.4	43.8	42.0	40.0
-87.5°	9.0	9.1	9.1	9.4	9.7	10.0	10.2	10.8	11.2	11.5	11.8
-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: P645405 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-727-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	0.9	0.9
82.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.0	1.3	1.3
80°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.1	1.3	1.5
77.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.1	1.3	1.5
75°	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.9	1.1	1.3	1.5
72.5°	0.8	0.8	0.8	0.9	1.0	1.1	0.9	0.9	1.1	1.3	1.5
70°	0.9	0.8	0.8	0.9	1.2	1.4	1.3	1.3	1.2	1.4	1.6
67.5°	1.2	1.3	1.1	1.1	1.2	1.4	1.6	1.9	1.9	1.4	1.6
65°	1.3	1.5	1.8	2.4	2.1	1.5	1.7	3.3	2.6	2.2	1.6
62.5°	2.8	1.6	5.3	7.1	4.0	3.1	2.5	7.3	4.6	3.1	2.3
60°	6.6	5.4	14.8	23.6	16.5	5.5	8.2	12.7	11.6	4.0	3.2
57.5°	61.3	21.1	30.5	44.2	43.4	23.5	17.2	22.9	19.8	11.4	4.4
55°	130.9	110.2	72.7	66.6	71.9	58.1	37.8	37.1	30.5	21.1	7.2
52.5°	179.6	187.4	163.1	114.0	99.2	94.5	73.8	53.8	47.8	31.7	18.3
50°	260.0	242.2	239.7	201.2	139.1	125.9	109.0	84.0	67.0	45.3	31.0
47.5°	367.3	322.7	299.0	281.7	222.0	160.6	143.0	114.9	88.3	65.3	44.2
45°	524.9	417.1	371.3	343.2	304.3	225.8	179.0	145.0	115.1	87.6	58.1
42.5°	683.2	539.2	453.8	408.5	368.0	299.5	217.4	179.6	141.1	110.3	75.6
40°	822.9	665.2	540.5	482.3	430.6	370.7	279.7	216.6	166.7	133.7	95.6
37.5°	991.0	808.6	640.3	559.6	497.2	430.2	342.9	255.3	197.5	158.3	115.7
35°	1153.7	994.3	752.1	653.0	571.4	491.2	403.8	301.0	235.2	183.2	135.7
32.5°	1328.4	1168.9	920.7	757.4	648.2	553.5	460.7	356.6	273.2	208.5	155.6
30°	1465.9	1283.9	1068.7	861.8	731.8	623.0	517.5	410.0	311.3	233.9	175.8
27.5°	1538.8	1383.3	1185.5	978.2	825.8	694.3	576.0	461.0	349.3	261.9	196.7
25°	1614.2	1453.4	1269.1	1079.9	918.6	769.8	634.3	509.6	390.8	293.5	217.5
22.5°	1704.4	1513.0	1339.5	1160.5	1014.4	846.3	695.4	558.8	432.3	324.5	237.9
20°	1795.0	1568.3	1409.0	1270.3	1108.4	929.1	759.4	606.8	471.5	354.7	257.9
17.5°	1890.1	1668.7	1526.9	1377.3	1202.0	1009.3	822.3	653.3	508.2	383.9	277.3
15°	2055.5	1819.1	1645.7	1481.5	1295.2	1086.4	883.8	698.0	542.5	411.9	295.3
12.5°	2205.7	1959.1	1764.6	1582.3	1386.9	1160.0	943.1	740.5	574.3	434.3	311.4
10°	2330.1	2089.0	1882.2	1679.0	1475.9	1229.4	999.6	775.1	593.3	451.0	326.2
7.5°	2431.9	2209.0	1996.8	1771.0	1552.3	1274.8	1028.1	795.3	608.0	465.2	339.7
5°	2505.4	2289.0	2057.7	1803.0	1576.2	1293.5	1047.4	811.7	620.0	477.1	351.9
2.5°	2526.6	2313.7	2080.6	1820.6	1592.3	1305.6	1061.2	824.3	629.1	486.7	362.7
0°	2538.9	2329.9	2094.9	1831.4	1600.6	1311.3	1069.6	832.9	635.6	494.2	372.1
-2.5°	2556.2	2343.8	2108.7	1859.2	1606.1	1328.8	1074.3	838.5	643.8	496.9	377.6
-5°	2564.8	2349.2	2115.3	1877.9	1604.7	1339.3	1073.7	840.3	649.1	497.9	381.6
-7.5°	2561.0	2347.4	2115.6	1883.7	1597.4	1341.7	1067.9	838.4	651.3	497.2	384.1
-10°	2549.4	2337.9	2107.5	1868.6	1590.7	1332.2	1057.5	833.1	650.0	495.0	385.0
-12.5°	2531.9	2320.1	2091.0	1846.8	1576.8	1312.7	1045.2	824.0	644.8	491.6	384.4
-15°	2509.1	2294.2	2065.9	1819.2	1553.9	1286.7	1026.8	810.7	634.5	487.7	382.1
-17.5°	2479.8	2260.5	2032.1	1786.4	1521.7	1254.4	1002.1	793.5	621.8	483.0	377.5
-20°	2427.7	2215.2	1989.1	1749.1	1479.8	1216.3	971.0	772.2	606.5	476.2	371.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645405 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-727-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°	2369.0	2159.0	1935.6	1698.8	1429.4	1172.4	933.3	746.9	589.0	467.4	363.1
-25°	2306.5	2095.9	1873.4	1629.2	1373.6	1126.0	895.6	717.6	569.2	456.6	353.9
-27.5°	2233.0	2024.3	1802.9	1552.5	1308.9	1072.2	859.5	691.7	550.1	443.6	343.5
-30°	2150.4	1940.2	1714.7	1470.6	1238.0	1009.9	818.9	664.0	533.9	429.5	331.9
-32.5°	2055.8	1847.5	1617.1	1386.9	1163.1	943.8	774.2	634.4	515.2	414.4	321.1
-35°	1948.1	1739.7	1513.5	1297.0	1083.7	890.5	730.4	602.9	494.0	398.2	309.8
-37.5°	1835.9	1623.9	1410.0	1203.1	999.3	832.7	691.1	571.9	470.3	380.8	297.3
-40°	1707.8	1504.8	1301.4	1106.3	926.3	770.6	648.5	541.2	447.9	362.3	283.6
-42.5°	1575.8	1379.8	1188.1	1003.9	854.2	720.1	603.9	508.2	424.3	344.5	268.8
-45°	1433.5	1247.9	1067.6	917.6	780.8	666.7	564.8	474.0	399.1	326.2	253.4
-47.5°	1283.4	1108.9	958.1	827.7	718.5	612.9	523.3	444.5	372.7	306.6	238.1
-50°	1124.3	979.4	857.2	749.7	651.3	564.5	481.9	413.5	348.4	284.9	222.0
-52.5°	983.4	867.3	766.2	674.2	592.0	513.6	446.3	381.7	323.4	264.2	205.2
-55°	862.7	767.5	682.2	605.6	533.3	470.0	409.3	353.5	297.7	243.4	188.2
-57.5°	758.4	675.3	607.0	540.4	480.7	426.7	375.5	324.7	273.1	221.9	174.6
-60°	658.3	596.2	535.4	481.9	431.3	385.6	343.7	295.9	248.3	200.4	159.6
-62.5°	571.8	518.8	472.8	426.2	384.2	346.9	311.6	267.7	222.7	180.4	143.4
-65°	490.7	450.0	410.8	373.6	338.8	307.2	278.7	238.8	197.1	159.3	126.5
-67.5°	413.7	383.0	352.3	321.1	293.6	268.0	243.7	207.6	170.3	137.1	109.7
-70°	344.9	318.7	294.6	271.4	249.2	227.8	204.9	174.4	142.4	117.2	92.6
-72.5°	279.9	260.8	240.8	221.7	205.3	186.5	165.4	141.7	119.2	96.9	75.0
-75°	219.8	207.2	193.1	177.9	162.6	145.9	131.9	115.3	95.7	76.3	60.5
-77.5°	175.8	163.5	149.4	137.4	127.1	115.7	103.0	88.6	73.0	59.3	46.7
-80°	129.7	120.3	112.3	105.4	95.9	85.4	74.9	64.4	53.1	42.5	32.8
-82.5°	79.2	77.1	74.9	71.7	63.8	56.0	48.4	40.9	32.8	25.4	21.0
-85°	39.6	38.8	37.6	35.9	31.1	26.3	24.1	21.8	19.2	16.6	14.1
-87.5°	13.0	14.0	14.8	15.4	14.3	13.2	12.1	10.9	9.6	8.3	7.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645405 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-727-U-LAM-VSR-XX

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	0.4	0.3	0.2	0.1	0.1	0.0
85°	0.9	0.7	0.6	0.4	0.3	0.2	0.0
82.5°	1.3	1.1	0.9	0.7	0.4	0.3	0.0
80°	1.7	1.5	1.2	0.9	0.6	0.4	0.0
77.5°	1.7	1.7	1.5	1.1	0.7	0.5	0.0
75°	1.7	1.8	1.7	1.3	0.9	0.5	0.0
72.5°	1.7	1.8	1.8	1.5	1.0	0.6	0.0
70°	1.8	1.9	1.9	1.7	1.2	0.7	0.0
67.5°	2.0	1.9	1.9	1.8	1.3	0.8	0.0
65°	2.3	2.2	2.0	1.9	1.5	0.9	0.0
62.5°	2.6	2.8	2.1	2.0	1.7	1.0	0.0
60°	3.1	3.4	2.2	2.0	1.8	1.1	0.0
57.5°	5.7	4.0	2.8	2.1	1.9	1.2	0.0
55°	9.1	4.8	3.5	2.2	2.0	1.2	0.0
52.5°	13.1	6.1	4.3	2.3	2.1	1.3	0.0
50°	17.6	10.4	5.0	2.4	2.2	1.4	0.0
47.5°	23.7	15.0	5.8	2.6	2.3	1.5	0.0
45°	35.8	20.0	6.7	3.2	2.4	1.6	0.0
42.5°	48.2	25.2	7.5	3.9	2.5	1.6	0.0
40°	60.8	30.8	10.1	4.7	2.6	1.7	0.0
37.5°	73.7	36.7	14.5	5.7	2.7	1.8	0.0
35°	86.7	45.6	18.9	6.8	2.8	1.9	0.0
32.5°	100.9	55.9	23.4	8.0	2.9	1.9	0.0
30°	117.1	66.1	28.0	9.4	3.0	2.0	0.0
27.5°	133.0	76.2	33.5	10.8	3.1	2.1	0.0
25°	148.5	86.1	39.3	12.3	3.2	2.1	0.0
22.5°	163.6	96.3	45.0	13.8	3.3	2.2	0.0
20°	178.1	107.2	50.6	15.4	3.4	2.2	0.0
17.5°	192.5	117.7	56.2	17.0	3.6	2.3	0.0
15°	206.4	127.8	61.6	18.7	3.7	2.3	0.0
12.5°	219.3	137.5	66.8	20.3	3.8	2.4	0.0
10°	231.3	146.6	71.8	21.9	3.9	2.4	0.0
7.5°	242.3	155.1	76.5	23.5	4.0	2.4	0.0
5°	252.4	163.0	81.0	24.9	4.0	2.5	0.0
2.5°	261.4	170.1	85.0	26.3	4.1	2.5	0.0
0°	269.3	176.5	88.6	27.6	4.2	2.5	0.0
-2.5°	273.2	180.5	92.0	29.4	4.9	2.6	0.0
-5°	276.1	183.7	94.8	31.0	5.5	2.8	0.0
-7.5°	277.9	186.0	97.2	32.5	6.1	2.9	0.0
-10°	278.8	187.4	99.0	33.8	6.7	3.0	0.0
-12.5°	278.6	188.0	100.2	34.9	7.3	3.1	0.0
-15°	277.5	187.7	100.7	35.7	7.8	3.3	0.0
-17.5°	275.5	186.6	100.7	36.4	8.3	3.3	0.0
-20°	272.3	184.6	99.9	36.7	8.8	3.4	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645405 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-727-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	267.8	181.8	98.5	36.8	9.2	3.5	0.0
-25°	262.2	177.4	96.4	36.7	9.6	3.5	0.0
-27.5°	255.5	172.0	93.6	36.2	9.9	3.6	0.0
-30°	247.8	165.8	90.1	35.5	10.1	3.6	0.0
-32.5°	239.1	158.8	86.0	34.4	10.3	3.6	0.0
-35°	229.6	151.2	81.4	33.1	10.5	3.6	0.0
-37.5°	219.5	143.5	76.4	31.4	10.5	3.6	0.0
-40°	208.5	136.5	71.0	29.5	10.6	3.6	0.0
-42.5°	196.8	129.1	66.8	27.3	10.5	3.5	0.0
-45°	184.4	121.1	64.0	25.2	10.4	3.4	0.0
-47.5°	171.2	112.7	60.6	22.7	10.2	3.4	0.0
-50°	160.2	103.9	56.8	21.9	9.9	3.3	0.0
-52.5°	149.2	94.6	52.5	21.5	9.6	3.1	0.0
-55°	137.8	87.6	47.7	20.8	9.2	3.0	0.0
-57.5°	125.9	80.4	42.4	19.9	8.8	2.9	0.0
-60°	113.9	72.7	36.9	18.8	8.3	2.7	0.0
-62.5°	102.9	64.3	34.3	17.5	7.8	2.5	0.0
-65°	91.1	55.3	31.3	15.9	7.2	2.3	0.0
-67.5°	78.6	47.8	28.0	14.2	6.6	2.1	0.0
-70°	65.4	41.8	24.3	12.4	6.0	1.9	0.0
-72.5°	55.3	35.4	20.4	10.9	5.3	1.7	0.0
-75°	45.2	28.6	16.3	9.5	4.6	1.5	0.0
-77.5°	34.6	21.5	13.4	8.0	3.9	1.2	0.0
-80°	23.7	16.4	10.9	6.4	3.2	1.0	0.0
-82.5°	17.4	12.4	8.2	4.9	2.4	0.8	0.0
-85°	11.6	8.3	5.5	3.3	1.6	0.5	0.0
-87.5°	5.8	4.2	2.8	1.6	0.8	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)