

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: P645350 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA1E-735-U-LAM-XX

Issue Date: 2/28/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P645350 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-21)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 5/4/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA1E-735-U-LAM-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, LAMBERTIAN  
Light Source: (16) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

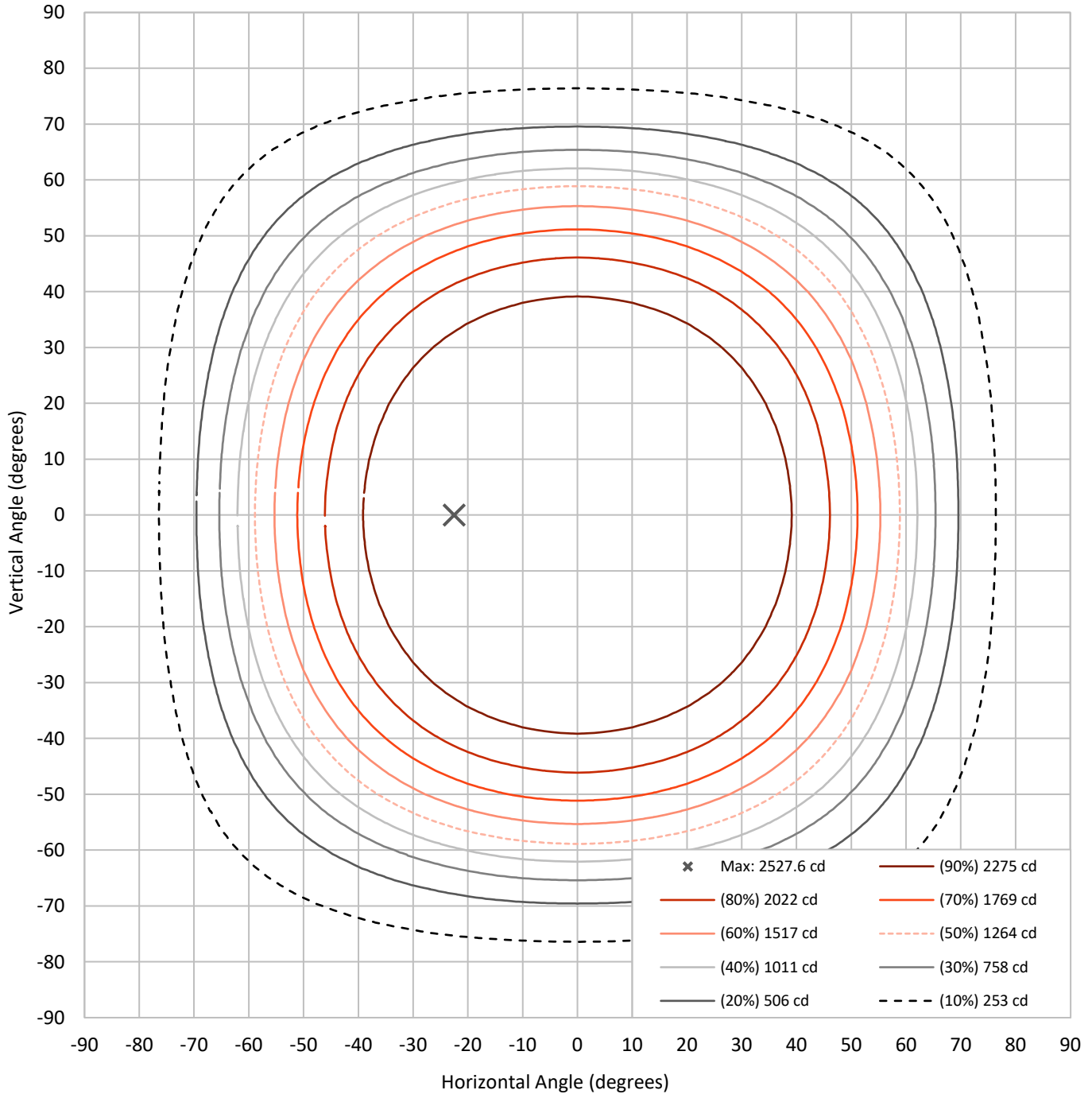
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	7732 lumens	Max Intensity:	2527.6 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	116.8 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	117.8°H x 112°V	Field Angle (10%):	152.8°H x 150.5°V
Beam Lumens:	6434.7 lumens	Field Lumens:	7579.9 lumens
Beam Efficiency:	83.2%	Field Efficiency:	98.0%
Input Watts (W):	66.2		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



REPORT NUMBER: P645350 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1E-735-U-LAM-XX

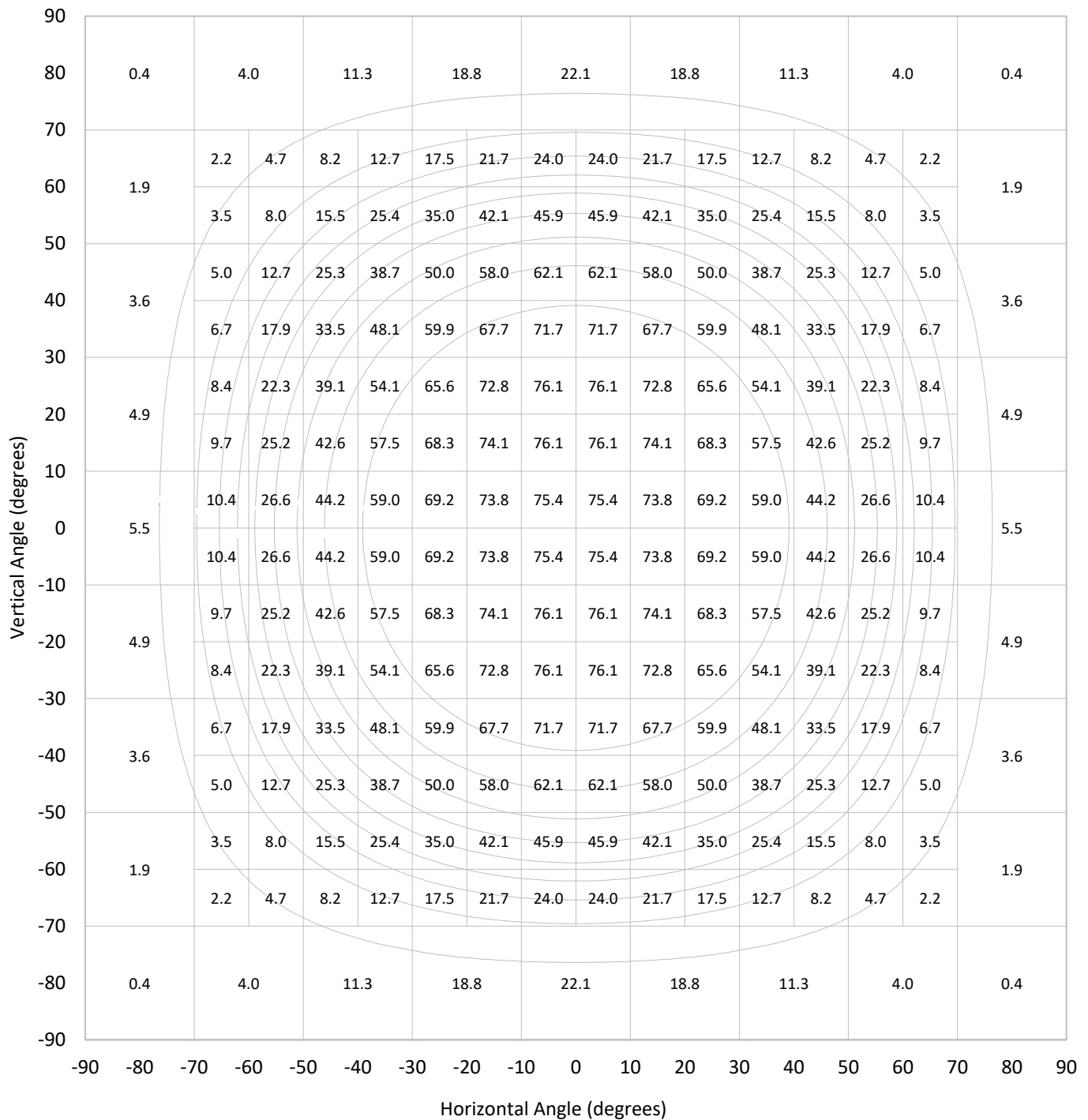
### Iso-Candela Plot





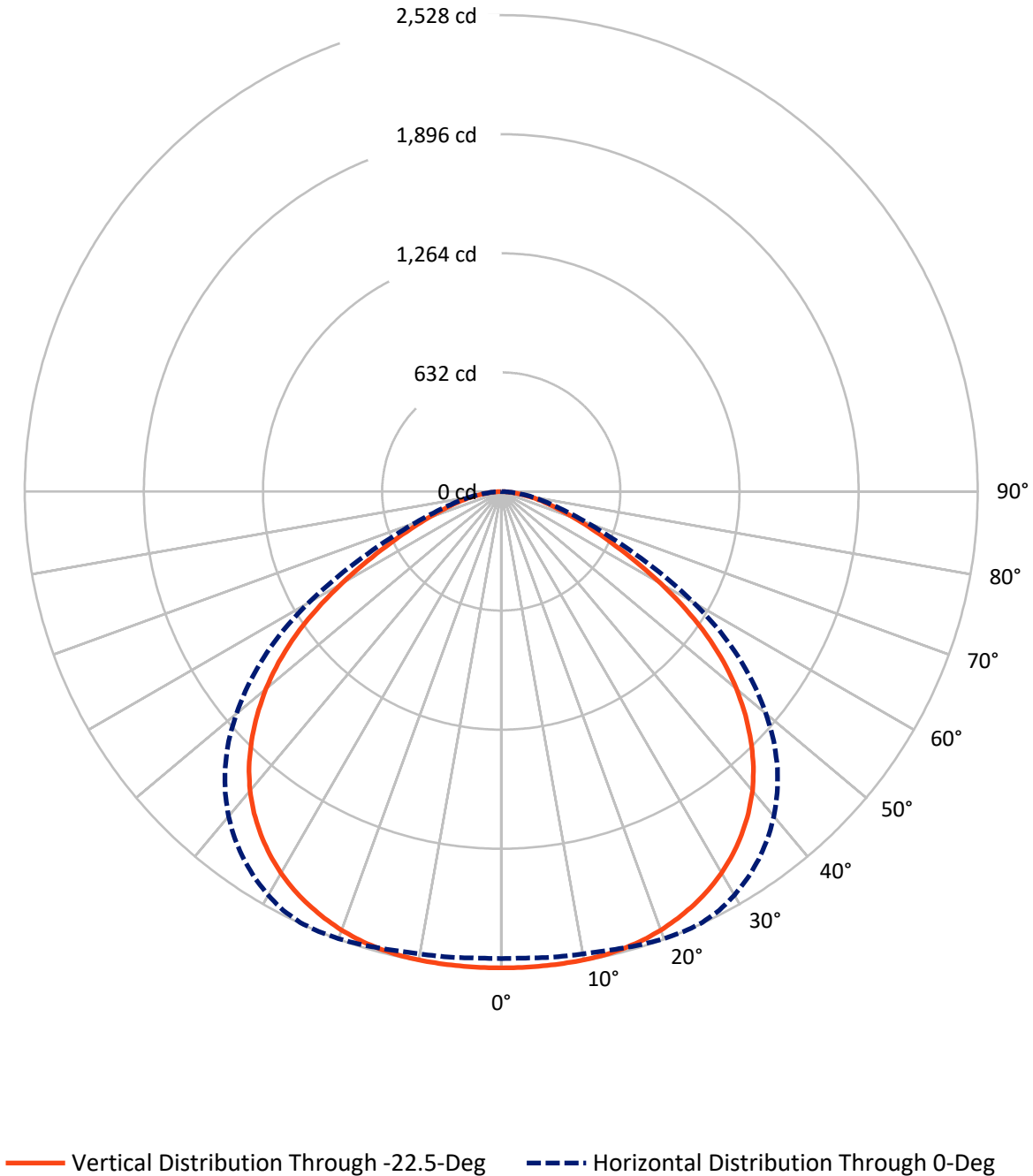
REPORT NUMBER: P645350 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-735-U-LAM-XX

### Lumen Table



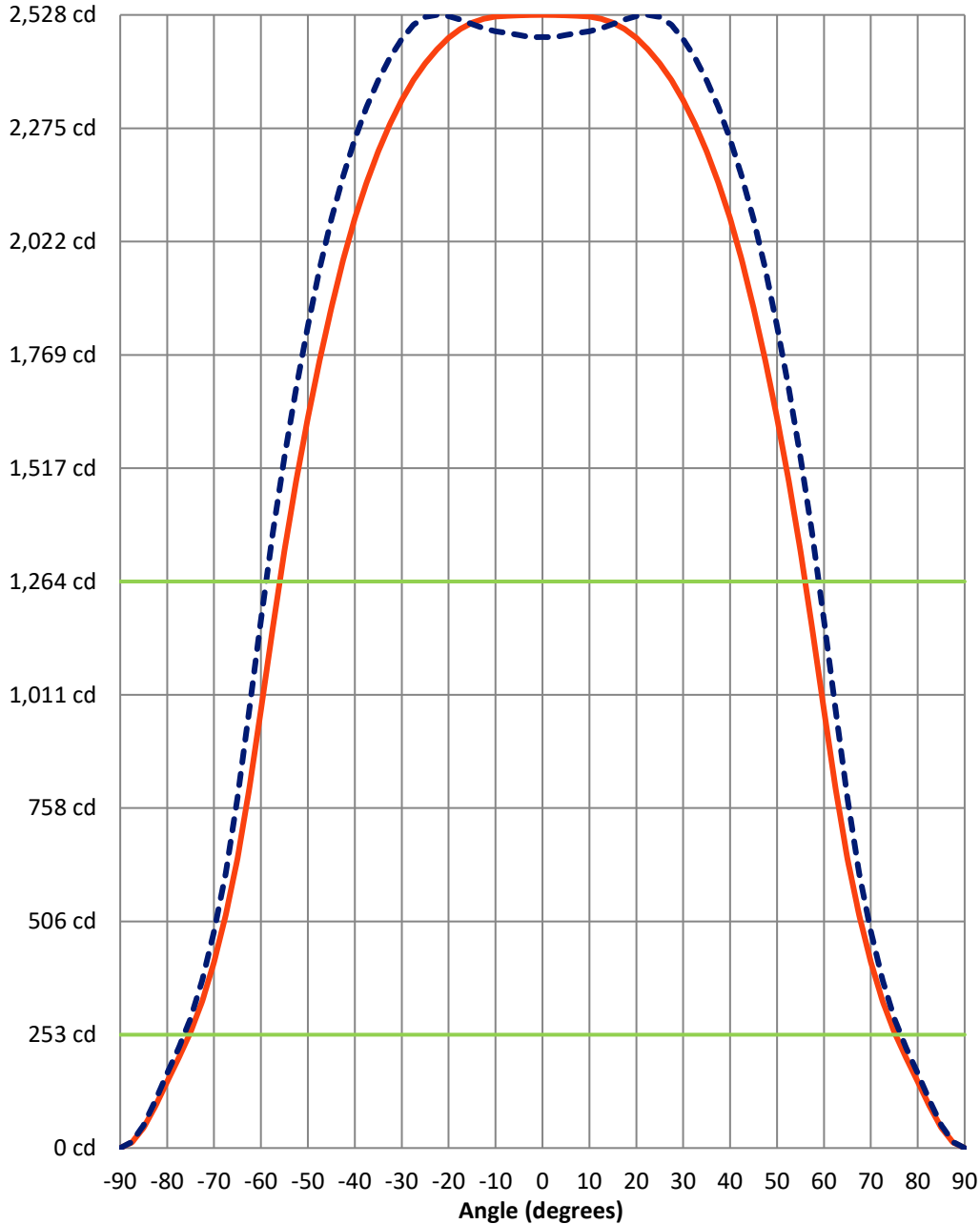
REPORT NUMBER: P645350 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1E-735-U-LAM-XX

### Luminous Intensity Polar Plot



REPORT NUMBER: P645350 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-735-U-LAM-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 117.8°  
 V Angle: 112°  
 Lumens: 6434.7  
 Efficiency: 83.2%

**Field:**  
 H Angle: 152.8°  
 V Angle: 150.5°  
 Lumens: 7579.9  
 Efficiency: 98.0%

**Spill:**  
 Lumens: 152.1  
 Efficiency: 2.0%

— Vertical Distribution through -22.5-Deg  
 - - Horizontal Distribution through 0-Deg

Classified

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

Scaled Data Report



REPORT NUMBER: P645350 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1E-735-U-LAM-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	0.6	1.2	1.8	2.4	3.0	3.6	4.1	4.7	5.3	5.8
85°	0.0	1.2	2.4	3.6	4.8	6.0	7.1	8.3	9.4	10.6	11.7
82.5°	0.0	1.8	3.6	5.4	7.2	8.9	10.7	12.4	14.7	19.3	23.8
80°	0.0	2.4	4.8	7.2	9.5	11.9	14.9	21.2	27.4	33.5	39.5
77.5°	0.0	3.0	6.0	8.9	11.9	16.6	24.5	32.3	40.0	47.7	56.8
75°	0.0	3.6	7.1	10.7	14.9	24.5	34.0	43.3	53.1	66.4	79.5
72.5°	0.0	4.1	8.3	12.4	21.2	32.3	43.3	55.5	71.2	86.6	101.8
70°	0.0	4.7	9.4	14.7	27.4	40.0	53.1	71.2	89.1	106.7	125.8
67.5°	0.0	5.3	10.6	19.3	33.5	47.7	66.4	86.6	106.7	128.4	149.8
65°	0.0	5.8	11.7	23.8	39.5	56.8	79.5	101.8	125.8	149.8	173.1
62.5°	0.0	6.4	12.7	28.2	45.4	67.5	92.3	117.8	144.5	170.6	195.3
60°	0.0	6.9	13.8	32.5	51.1	78.0	104.8	133.9	162.8	190.2	217.1
57.5°	0.0	7.4	16.6	36.7	59.1	88.2	118.1	149.6	180.1	209.4	240.3
55°	0.0	7.9	19.3	40.8	67.1	98.1	131.2	164.9	196.7	228.7	263.9
52.5°	0.0	8.4	21.9	44.7	74.8	107.9	144.0	179.1	212.9	249.4	286.9
50°	0.0	8.9	24.5	48.6	82.3	118.2	156.3	192.8	229.2	269.4	315.4
47.5°	0.0	9.3	27.0	52.7	89.5	128.1	168.1	206.1	246.5	288.9	343.8
45°	0.0	9.8	29.3	57.9	96.4	137.6	179.0	218.9	263.1	313.3	371.2
42.5°	0.0	10.2	31.6	62.8	103.0	146.8	189.5	232.1	279.0	336.9	403.4
40°	0.0	10.6	33.8	67.6	109.7	155.5	199.5	245.4	295.8	359.5	435.2
37.5°	0.0	10.9	35.8	72.1	116.3	163.8	209.0	258.0	314.8	382.6	465.6
35°	0.0	11.3	37.8	76.3	122.5	171.4	218.0	270.0	332.8	408.3	496.6
32.5°	0.0	11.6	39.6	80.3	128.4	178.4	226.8	281.2	349.8	432.6	529.2
30°	0.0	12.0	41.3	84.1	133.9	185.0	235.8	292.6	365.7	455.4	559.8
27.5°	0.0	12.2	42.9	87.5	139.0	191.1	244.2	305.4	382.0	476.6	588.2
25°	0.0	12.5	44.3	90.7	143.7	196.7	251.9	317.2	399.2	498.7	614.8
22.5°	0.0	12.7	45.7	93.6	148.0	201.8	258.9	328.0	414.9	520.1	645.8
20°	0.0	13.0	46.9	96.2	151.8	206.4	265.2	337.8	429.1	539.3	673.8
17.5°	0.0	13.2	47.9	98.6	155.2	210.5	270.8	346.4	441.7	556.5	698.8
15°	0.0	13.3	48.8	100.6	158.2	214.1	275.7	353.9	452.7	571.5	720.5
12.5°	0.0	13.5	49.6	102.3	160.7	217.1	279.8	360.3	462.0	584.2	739.0
10°	0.0	13.6	50.3	103.7	162.8	219.6	283.2	365.6	469.7	594.7	754.3
7.5°	0.0	13.7	50.8	104.8	164.4	221.5	285.9	369.7	475.7	602.8	766.1
5°	0.0	13.7	51.1	105.6	165.6	222.9	287.8	372.6	480.0	608.7	774.7
2.5°	0.0	13.8	51.3	106.0	166.3	223.7	288.9	374.4	482.5	612.2	779.8
0°	0.0	13.8	51.4	106.2	166.5	224.0	289.3	375.0	483.4	613.4	781.5
-2.5°	0.0	13.8	51.3	106.0	166.3	223.7	288.9	374.4	482.5	612.2	779.8
-5°	0.0	13.7	51.1	105.6	165.6	222.9	287.8	372.6	480.0	608.7	774.7
-7.5°	0.0	13.7	50.8	104.8	164.4	221.5	285.9	369.7	475.7	602.8	766.1
-10°	0.0	13.6	50.3	103.7	162.8	219.6	283.2	365.6	469.7	594.7	754.3
-12.5°	0.0	13.5	49.6	102.3	160.7	217.1	279.8	360.3	462.0	584.2	739.0
-15°	0.0	13.3	48.8	100.6	158.2	214.1	275.7	353.9	452.7	571.5	720.5
-17.5°	0.0	13.2	47.9	98.6	155.2	210.5	270.8	346.4	441.7	556.5	698.8
-20°	0.0	13.0	46.9	96.2	151.8	206.4	265.2	337.8	429.1	539.3	673.8

Classified

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

Scaled Data Report



REPORT NUMBER: P645350 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1E-735-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	12.7	45.7	93.6	148.0	201.8	258.9	328.0	414.9	520.1	645.8
-25°	0.0	12.5	44.3	90.7	143.7	196.7	251.9	317.2	399.2	498.7	614.8
-27.5°	0.0	12.2	42.9	87.5	139.0	191.1	244.2	305.4	382.0	476.6	588.2
-30°	0.0	12.0	41.3	84.1	133.9	185.0	235.8	292.6	365.7	455.4	559.8
-32.5°	0.0	11.6	39.6	80.3	128.4	178.4	226.8	281.2	349.8	432.6	529.2
-35°	0.0	11.3	37.8	76.3	122.5	171.4	218.0	270.0	332.8	408.3	496.6
-37.5°	0.0	10.9	35.8	72.1	116.3	163.8	209.0	258.0	314.8	382.6	465.6
-40°	0.0	10.6	33.8	67.6	109.7	155.5	199.5	245.4	295.8	359.5	435.2
-42.5°	0.0	10.2	31.6	62.8	103.0	146.8	189.5	232.1	279.0	336.9	403.4
-45°	0.0	9.8	29.3	57.9	96.4	137.6	179.0	218.9	263.1	313.3	371.2
-47.5°	0.0	9.3	27.0	52.7	89.5	128.1	168.1	206.1	246.5	288.9	343.8
-50°	0.0	8.9	24.5	48.6	82.3	118.2	156.3	192.8	229.2	269.4	315.4
-52.5°	0.0	8.4	21.9	44.7	74.8	107.9	144.0	179.1	212.9	249.4	286.9
-55°	0.0	7.9	19.3	40.8	67.1	98.1	131.2	164.9	196.7	228.7	263.9
-57.5°	0.0	7.4	16.6	36.7	59.1	88.2	118.1	149.6	180.1	209.4	240.3
-60°	0.0	6.9	13.8	32.5	51.1	78.0	104.8	133.9	162.8	190.2	217.1
-62.5°	0.0	6.4	12.7	28.2	45.4	67.5	92.3	117.8	144.5	170.6	195.3
-65°	0.0	5.8	11.7	23.8	39.5	56.8	79.5	101.8	125.8	149.8	173.1
-67.5°	0.0	5.3	10.6	19.3	33.5	47.7	66.4	86.6	106.7	128.4	149.8
-70°	0.0	4.7	9.4	14.7	27.4	40.0	53.1	71.2	89.1	106.7	125.8
-72.5°	0.0	4.1	8.3	12.4	21.2	32.3	43.3	55.5	71.2	86.6	101.8
-75°	0.0	3.6	7.1	10.7	14.9	24.5	34.0	43.3	53.1	66.4	79.5
-77.5°	0.0	3.0	6.0	8.9	11.9	16.6	24.5	32.3	40.0	47.7	56.8
-80°	0.0	2.4	4.8	7.2	9.5	11.9	14.9	21.2	27.4	33.5	39.5
-82.5°	0.0	1.8	3.6	5.4	7.2	8.9	10.7	12.4	14.7	19.3	23.8
-85°	0.0	1.2	2.4	3.6	4.8	6.0	7.1	8.3	9.4	10.6	11.7
-87.5°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.1	4.7	5.3	5.8
-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: P645350 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-735-U-LAM-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°	6.4	6.9	7.4	7.9	8.4	8.9	9.3	9.8	10.2	10.6	10.9
85°	12.7	13.8	16.6	19.3	21.9	24.5	27.0	29.3	31.6	33.8	35.8
82.5°	28.2	32.5	36.7	40.8	44.7	48.6	52.7	57.9	62.8	67.6	72.1
80°	45.4	51.1	59.1	67.1	74.8	82.3	89.5	96.4	103.0	109.7	116.3
77.5°	67.5	78.0	88.2	98.1	107.9	118.2	128.1	137.6	146.8	155.5	163.8
75°	92.3	104.8	118.1	131.2	144.0	156.3	168.1	179.0	189.5	199.5	209.0
72.5°	117.8	133.9	149.6	164.9	179.1	192.8	206.1	218.9	232.1	245.4	258.0
70°	144.5	162.8	180.1	196.7	212.9	229.2	246.5	263.1	279.0	295.8	314.8
67.5°	170.6	190.2	209.4	228.7	249.4	269.4	288.9	313.3	336.9	359.5	382.6
65°	195.3	217.1	240.3	263.9	286.9	315.4	343.8	371.2	403.4	435.2	465.6
62.5°	219.6	246.2	272.7	301.6	334.7	367.0	404.4	442.5	479.2	520.6	560.9
60°	246.2	275.7	309.3	346.4	384.6	429.1	472.2	520.1	568.2	614.8	671.9
57.5°	272.7	309.3	350.3	394.5	444.0	494.0	550.2	604.5	669.7	734.8	799.5
55°	301.6	346.4	394.5	449.0	506.1	568.4	633.5	709.4	782.8	864.6	943.0
52.5°	334.7	384.6	444.0	506.1	574.5	649.4	733.4	820.3	911.8	1000.6	1087.8
50°	367.0	429.1	494.0	568.4	649.4	741.5	839.1	940.3	1040.2	1137.7	1229.0
47.5°	404.4	472.2	550.2	633.5	733.4	839.1	949.9	1060.2	1168.0	1267.9	1363.6
45°	442.5	520.1	604.5	709.4	820.3	940.3	1060.2	1178.1	1287.5	1390.8	1481.2
42.5°	479.2	568.2	669.7	782.8	911.8	1040.2	1168.0	1287.5	1399.6	1499.2	1589.9
40°	520.6	614.8	734.8	864.6	1000.6	1137.7	1267.9	1390.8	1499.2	1598.2	1690.1
37.5°	560.9	671.9	799.5	943.0	1087.8	1229.0	1363.6	1481.2	1589.9	1690.1	1778.3
35°	599.1	726.2	868.3	1018.9	1171.0	1314.5	1445.6	1565.3	1673.3	1770.5	1860.7
32.5°	641.6	777.6	933.5	1091.9	1246.8	1392.9	1522.9	1639.9	1747.3	1846.1	1935.6
30°	685.4	832.9	995.3	1160.7	1317.9	1460.9	1590.6	1709.1	1815.7	1913.2	2000.9
27.5°	726.2	885.2	1054.3	1222.9	1382.9	1524.6	1652.6	1769.3	1876.5	1974.6	2059.7
25°	764.0	933.5	1108.9	1279.8	1437.7	1579.7	1708.8	1825.5	1932.0	2026.2	2108.9
22.5°	801.2	977.7	1158.9	1332.0	1488.0	1628.9	1756.9	1873.8	1980.4	2073.7	2153.1
20°	837.4	1018.9	1203.1	1378.3	1533.6	1673.6	1800.6	1917.3	2021.1	2111.5	2190.5
17.5°	869.6	1055.7	1241.7	1415.7	1571.1	1711.8	1839.4	1956.4	2057.7	2145.5	2222.7
15°	897.7	1087.8	1275.4	1448.5	1603.4	1743.5	1871.1	1986.8	2087.4	2174.6	2251.2
12.5°	921.7	1115.2	1304.2	1476.5	1631.0	1770.7	1898.2	2012.4	2111.3	2197.3	2272.3
10°	941.4	1137.7	1328.0	1499.5	1653.7	1793.1	1920.7	2033.6	2131.1	2216.2	2289.9
7.5°	956.8	1155.3	1346.5	1517.6	1671.5	1810.7	1938.3	2050.2	2146.7	2231.1	2303.7
5°	967.8	1168.0	1359.8	1530.5	1684.3	1823.3	1951.0	2062.2	2158.0	2241.8	2313.7
2.5°	974.5	1175.6	1367.8	1538.3	1692.0	1831.0	1958.6	2069.4	2164.7	2248.3	2319.8
0°	976.7	1178.1	1370.5	1540.9	1694.6	1833.5	1961.2	2071.8	2167.0	2250.5	2321.8
-2.5°	974.5	1175.6	1367.8	1538.3	1692.0	1831.0	1958.6	2069.4	2164.7	2248.3	2319.8
-5°	967.8	1168.0	1359.8	1530.5	1684.3	1823.3	1951.0	2062.2	2158.0	2241.8	2313.7
-7.5°	956.8	1155.3	1346.5	1517.6	1671.5	1810.7	1938.3	2050.2	2146.7	2231.1	2303.7
-10°	941.4	1137.7	1328.0	1499.5	1653.7	1793.1	1920.7	2033.6	2131.1	2216.2	2289.9
-12.5°	921.7	1115.2	1304.2	1476.5	1631.0	1770.7	1898.2	2012.4	2111.3	2197.3	2272.3
-15°	897.7	1087.8	1275.4	1448.5	1603.4	1743.5	1871.1	1986.8	2087.4	2174.6	2251.2
-17.5°	869.6	1055.7	1241.7	1415.7	1571.1	1711.8	1839.4	1956.4	2057.7	2145.5	2222.7
-20°	837.4	1018.9	1203.1	1378.3	1533.6	1673.6	1800.6	1917.3	2021.1	2111.5	2190.5

Classified

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

Scaled Data Report



REPORT NUMBER: P645350 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1E-735-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	801.2	977.7	1158.9	1332.0	1488.0	1628.9	1756.9	1873.8	1980.4	2073.7	2153.1
-25°	764.0	933.5	1108.9	1279.8	1437.7	1579.7	1708.8	1825.5	1932.0	2026.2	2108.9
-27.5°	726.2	885.2	1054.3	1222.9	1382.9	1524.6	1652.6	1769.3	1876.5	1974.6	2059.7
-30°	685.4	832.9	995.3	1160.7	1317.9	1460.9	1590.6	1709.1	1815.7	1913.2	2000.9
-32.5°	641.6	777.6	933.5	1091.9	1246.8	1392.9	1522.9	1639.9	1747.3	1846.1	1935.6
-35°	599.1	726.2	868.3	1018.9	1171.0	1314.5	1445.6	1565.3	1673.3	1770.5	1860.7
-37.5°	560.9	671.9	799.5	943.0	1087.8	1229.0	1363.6	1481.2	1589.9	1690.1	1778.3
-40°	520.6	614.8	734.8	864.6	1000.6	1137.7	1267.9	1390.8	1499.2	1598.2	1690.1
-42.5°	479.2	568.2	669.7	782.8	911.8	1040.2	1168.0	1287.5	1399.6	1499.2	1589.9
-45°	442.5	520.1	604.5	709.4	820.3	940.3	1060.2	1178.1	1287.5	1390.8	1481.2
-47.5°	404.4	472.2	550.2	633.5	733.4	839.1	949.9	1060.2	1168.0	1267.9	1363.6
-50°	367.0	429.1	494.0	568.4	649.4	741.5	839.1	940.3	1040.2	1137.7	1229.0
-52.5°	334.7	384.6	444.0	506.1	574.5	649.4	733.4	820.3	911.8	1000.6	1087.8
-55°	301.6	346.4	394.5	449.0	506.1	568.4	633.5	709.4	782.8	864.6	943.0
-57.5°	272.7	309.3	350.3	394.5	444.0	494.0	550.2	604.5	669.7	734.8	799.5
-60°	246.2	275.7	309.3	346.4	384.6	429.1	472.2	520.1	568.2	614.8	671.9
-62.5°	219.6	246.2	272.7	301.6	334.7	367.0	404.4	442.5	479.2	520.6	560.9
-65°	195.3	217.1	240.3	263.9	286.9	315.4	343.8	371.2	403.4	435.2	465.6
-67.5°	170.6	190.2	209.4	228.7	249.4	269.4	288.9	313.3	336.9	359.5	382.6
-70°	144.5	162.8	180.1	196.7	212.9	229.2	246.5	263.1	279.0	295.8	314.8
-72.5°	117.8	133.9	149.6	164.9	179.1	192.8	206.1	218.9	232.1	245.4	258.0
-75°	92.3	104.8	118.1	131.2	144.0	156.3	168.1	179.0	189.5	199.5	209.0
-77.5°	67.5	78.0	88.2	98.1	107.9	118.2	128.1	137.6	146.8	155.5	163.8
-80°	45.4	51.1	59.1	67.1	74.8	82.3	89.5	96.4	103.0	109.7	116.3
-82.5°	28.2	32.5	36.7	40.8	44.7	48.6	52.7	57.9	62.8	67.6	72.1
-85°	12.7	13.8	16.6	19.3	21.9	24.5	27.0	29.3	31.6	33.8	35.8
-87.5°	6.4	6.9	7.4	7.9	8.4	8.9	9.3	9.8	10.2	10.6	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: P645350 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-735-U-LAM-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°	11.3	11.6	12.0	12.2	12.5	12.7	13.0	13.2	13.3	13.5	13.6
85°	37.8	39.6	41.3	42.9	44.3	45.7	46.9	47.9	48.8	49.6	50.3
82.5°	76.3	80.3	84.1	87.5	90.7	93.6	96.2	98.6	100.6	102.3	103.7
80°	122.5	128.4	133.9	139.0	143.7	148.0	151.8	155.2	158.2	160.7	162.8
77.5°	171.4	178.4	185.0	191.1	196.7	201.8	206.4	210.5	214.1	217.1	219.6
75°	218.0	226.8	235.8	244.2	251.9	258.9	265.2	270.8	275.7	279.8	283.2
72.5°	270.0	281.2	292.6	305.4	317.2	328.0	337.8	346.4	353.9	360.3	365.6
70°	332.8	349.8	365.7	382.0	399.2	414.9	429.1	441.7	452.7	462.0	469.7
67.5°	408.3	432.6	455.4	476.6	498.7	520.1	539.3	556.5	571.5	584.2	594.7
65°	496.6	529.2	559.8	588.2	614.8	645.8	673.8	698.8	720.5	739.0	754.3
62.5°	599.1	641.6	685.4	726.2	764.0	801.2	837.4	869.6	897.7	921.7	941.4
60°	726.2	777.6	832.9	885.2	933.5	977.7	1018.9	1055.7	1087.8	1115.2	1137.7
57.5°	868.3	933.5	995.3	1054.3	1108.9	1158.9	1203.1	1241.7	1275.4	1304.2	1328.0
55°	1018.9	1091.9	1160.7	1222.9	1279.8	1332.0	1378.3	1415.7	1448.5	1476.5	1499.5
52.5°	1171.0	1246.8	1317.9	1382.9	1437.7	1488.0	1533.6	1571.1	1603.4	1631.0	1653.7
50°	1314.5	1392.9	1460.9	1524.6	1579.7	1628.9	1673.6	1711.8	1743.5	1770.7	1793.1
47.5°	1445.6	1522.9	1590.6	1652.6	1708.8	1756.9	1800.6	1839.4	1871.1	1898.2	1920.7
45°	1565.3	1639.9	1709.1	1769.3	1825.5	1873.8	1917.3	1956.4	1986.8	2012.4	2033.6
42.5°	1673.3	1747.3	1815.7	1876.5	1932.0	1980.4	2021.1	2057.7	2087.4	2111.3	2131.1
40°	1770.5	1846.1	1913.2	1974.6	2026.2	2073.7	2111.5	2145.5	2174.6	2197.3	2216.2
37.5°	1860.7	1935.6	2000.9	2059.7	2108.9	2153.1	2190.5	2222.7	2251.2	2272.3	2289.9
35°	1943.1	2014.2	2078.9	2132.8	2181.6	2223.2	2260.0	2289.7	2316.1	2336.3	2352.3
32.5°	2014.2	2084.8	2144.9	2197.9	2245.5	2284.3	2319.6	2346.9	2370.9	2390.3	2405.1
30°	2078.9	2144.9	2203.4	2255.9	2299.3	2337.1	2368.9	2395.5	2417.6	2436.1	2449.2
27.5°	2132.8	2197.9	2255.9	2304.3	2345.8	2382.3	2411.3	2436.9	2456.3	2473.3	2484.6
25°	2181.6	2245.5	2299.3	2345.8	2386.2	2419.4	2447.0	2470.3	2487.4	2501.9	2510.3
22.5°	2223.2	2284.3	2337.1	2382.3	2419.4	2450.4	2476.5	2496.2	2510.2	2519.0	2524.0
20°	2260.0	2319.6	2368.9	2411.3	2447.0	2476.5	2499.1	2513.6	2523.4	2525.9	2527.3
17.5°	2289.7	2346.9	2395.5	2436.9	2470.3	2496.2	2513.6	2523.9	2526.9	2526.4	2524.9
15°	2316.1	2370.9	2417.6	2456.3	2487.4	2510.2	2523.4	2526.9	2526.0	2523.1	2518.5
12.5°	2336.3	2390.3	2436.1	2473.3	2501.9	2519.0	2525.9	2526.4	2523.1	2517.4	2510.9
10°	2352.3	2405.1	2449.2	2484.6	2510.3	2524.0	2527.3	2524.9	2518.5	2510.9	2503.7
7.5°	2365.0	2416.9	2459.7	2493.5	2515.8	2525.5	2526.3	2521.7	2514.0	2505.4	2497.6
5°	2374.2	2425.5	2467.2	2500.1	2519.8	2526.7	2525.5	2519.2	2510.3	2501.3	2494.2
2.5°	2379.7	2430.7	2471.9	2504.1	2522.3	2527.4	2525.0	2517.6	2507.9	2498.6	2491.9
0°	2381.6	2432.4	2473.4	2505.4	2523.1	2527.6	2524.8	2517.1	2507.1	2497.7	2491.1
-2.5°	2379.7	2430.7	2471.9	2504.1	2522.3	2527.4	2525.0	2517.6	2507.9	2498.6	2491.9
-5°	2374.2	2425.5	2467.2	2500.1	2519.8	2526.7	2525.5	2519.2	2510.3	2501.3	2494.2
-7.5°	2365.0	2416.9	2459.7	2493.5	2515.8	2525.5	2526.3	2521.7	2514.0	2505.4	2497.6
-10°	2352.3	2405.1	2449.2	2484.6	2510.3	2524.0	2527.3	2524.9	2518.5	2510.9	2503.7
-12.5°	2336.3	2390.3	2436.1	2473.3	2501.9	2519.0	2525.9	2526.4	2523.1	2517.4	2510.9
-15°	2316.1	2370.9	2417.6	2456.3	2487.4	2510.2	2523.4	2526.9	2526.0	2523.1	2518.5
-17.5°	2289.7	2346.9	2395.5	2436.9	2470.3	2496.2	2513.6	2523.9	2526.9	2526.4	2524.9
-20°	2260.0	2319.6	2368.9	2411.3	2447.0	2476.5	2499.1	2513.6	2523.4	2525.9	2527.3



REPORT NUMBER: P645350 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-735-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2223.2	2284.3	2337.1	2382.3	2419.4	2450.4	2476.5	2496.2	2510.2	2519.0	2524.0
-25°	2181.6	2245.5	2299.3	2345.8	2386.2	2419.4	2447.0	2470.3	2487.4	2501.9	2510.3
-27.5°	2132.8	2197.9	2255.9	2304.3	2345.8	2382.3	2411.3	2436.9	2456.3	2473.3	2484.6
-30°	2078.9	2144.9	2203.4	2255.9	2299.3	2337.1	2368.9	2395.5	2417.6	2436.1	2449.2
-32.5°	2014.2	2084.8	2144.9	2197.9	2245.5	2284.3	2319.6	2346.9	2370.9	2390.3	2405.1
-35°	1943.1	2014.2	2078.9	2132.8	2181.6	2223.2	2260.0	2289.7	2316.1	2336.3	2352.3
-37.5°	1860.7	1935.6	2000.9	2059.7	2108.9	2153.1	2190.5	2222.7	2251.2	2272.3	2289.9
-40°	1770.5	1846.1	1913.2	1974.6	2026.2	2073.7	2111.5	2145.5	2174.6	2197.3	2216.2
-42.5°	1673.3	1747.3	1815.7	1876.5	1932.0	1980.4	2021.1	2057.7	2087.4	2111.3	2131.1
-45°	1565.3	1639.9	1709.1	1769.3	1825.5	1873.8	1917.3	1956.4	1986.8	2012.4	2033.6
-47.5°	1445.6	1522.9	1590.6	1652.6	1708.8	1756.9	1800.6	1839.4	1871.1	1898.2	1920.7
-50°	1314.5	1392.9	1460.9	1524.6	1579.7	1628.9	1673.6	1711.8	1743.5	1770.7	1793.1
-52.5°	1171.0	1246.8	1317.9	1382.9	1437.7	1488.0	1533.6	1571.1	1603.4	1631.0	1653.7
-55°	1018.9	1091.9	1160.7	1222.9	1279.8	1332.0	1378.3	1415.7	1448.5	1476.5	1499.5
-57.5°	868.3	933.5	995.3	1054.3	1108.9	1158.9	1203.1	1241.7	1275.4	1304.2	1328.0
-60°	726.2	777.6	832.9	885.2	933.5	977.7	1018.9	1055.7	1087.8	1115.2	1137.7
-62.5°	599.1	641.6	685.4	726.2	764.0	801.2	837.4	869.6	897.7	921.7	941.4
-65°	496.6	529.2	559.8	588.2	614.8	645.8	673.8	698.8	720.5	739.0	754.3
-67.5°	408.3	432.6	455.4	476.6	498.7	520.1	539.3	556.5	571.5	584.2	594.7
-70°	332.8	349.8	365.7	382.0	399.2	414.9	429.1	441.7	452.7	462.0	469.7
-72.5°	270.0	281.2	292.6	305.4	317.2	328.0	337.8	346.4	353.9	360.3	365.6
-75°	218.0	226.8	235.8	244.2	251.9	258.9	265.2	270.8	275.7	279.8	283.2
-77.5°	171.4	178.4	185.0	191.1	196.7	201.8	206.4	210.5	214.1	217.1	219.6
-80°	122.5	128.4	133.9	139.0	143.7	148.0	151.8	155.2	158.2	160.7	162.8
-82.5°	76.3	80.3	84.1	87.5	90.7	93.6	96.2	98.6	100.6	102.3	103.7
-85°	37.8	39.6	41.3	42.9	44.3	45.7	46.9	47.9	48.8	49.6	50.3
-87.5°	11.3	11.6	12.0	12.2	12.5	12.7	13.0	13.2	13.3	13.5	13.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645350 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-735-U-LAM-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°	13.7	13.7	13.8	13.8	13.8	13.7	13.7	13.6	13.5	13.3	13.2
85°	50.8	51.1	51.3	51.4	51.3	51.1	50.8	50.3	49.6	48.8	47.9
82.5°	104.8	105.6	106.0	106.2	106.0	105.6	104.8	103.7	102.3	100.6	98.6
80°	164.4	165.6	166.3	166.5	166.3	165.6	164.4	162.8	160.7	158.2	155.2
77.5°	221.5	222.9	223.7	224.0	223.7	222.9	221.5	219.6	217.1	214.1	210.5
75°	285.9	287.8	288.9	289.3	288.9	287.8	285.9	283.2	279.8	275.7	270.8
72.5°	369.7	372.6	374.4	375.0	374.4	372.6	369.7	365.6	360.3	353.9	346.4
70°	475.7	480.0	482.5	483.4	482.5	480.0	475.7	469.7	462.0	452.7	441.7
67.5°	602.8	608.7	612.2	613.4	612.2	608.7	602.8	594.7	584.2	571.5	556.5
65°	766.1	774.7	779.8	781.5	779.8	774.7	766.1	754.3	739.0	720.5	698.8
62.5°	956.8	967.8	974.5	976.7	974.5	967.8	956.8	941.4	921.7	897.7	869.6
60°	1155.3	1168.0	1175.6	1178.1	1175.6	1168.0	1155.3	1137.7	1115.2	1087.8	1055.7
57.5°	1346.5	1359.8	1367.8	1370.5	1367.8	1359.8	1346.5	1328.0	1304.2	1275.4	1241.7
55°	1517.6	1530.5	1538.3	1540.9	1538.3	1530.5	1517.6	1499.5	1476.5	1448.5	1415.7
52.5°	1671.5	1684.3	1692.0	1694.6	1692.0	1684.3	1671.5	1653.7	1631.0	1603.4	1571.1
50°	1810.7	1823.3	1831.0	1833.5	1831.0	1823.3	1810.7	1793.1	1770.7	1743.5	1711.8
47.5°	1938.3	1951.0	1958.6	1961.2	1958.6	1951.0	1938.3	1920.7	1898.2	1871.1	1839.4
45°	2050.2	2062.2	2069.4	2071.8	2069.4	2062.2	2050.2	2033.6	2012.4	1986.8	1956.4
42.5°	2146.7	2158.0	2164.7	2167.0	2164.7	2158.0	2146.7	2131.1	2111.3	2087.4	2057.7
40°	2231.1	2241.8	2248.3	2250.5	2248.3	2241.8	2231.1	2216.2	2197.3	2174.6	2145.5
37.5°	2303.7	2313.7	2319.8	2321.8	2319.8	2313.7	2303.7	2289.9	2272.3	2251.2	2222.7
35°	2365.0	2374.2	2379.7	2381.6	2379.7	2374.2	2365.0	2352.3	2336.3	2316.1	2289.7
32.5°	2416.9	2425.5	2430.7	2432.4	2430.7	2425.5	2416.9	2405.1	2390.3	2370.9	2346.9
30°	2459.7	2467.2	2471.9	2473.4	2471.9	2467.2	2459.7	2449.2	2436.1	2417.6	2395.5
27.5°	2493.5	2500.1	2504.1	2505.4	2504.1	2500.1	2493.5	2484.6	2473.3	2456.3	2436.9
25°	2515.8	2519.8	2522.3	2523.1	2522.3	2519.8	2515.8	2510.3	2501.9	2487.4	2470.3
22.5°	2525.5	2526.7	2527.4	2527.6	2527.4	2526.7	2525.5	2524.0	2519.0	2510.2	2496.2
20°	2526.3	2525.5	2525.0	2524.8	2525.0	2525.5	2526.3	2527.3	2525.9	2523.4	2513.6
17.5°	2521.7	2519.2	2517.6	2517.1	2517.6	2519.2	2521.7	2524.9	2526.4	2526.9	2523.9
15°	2514.0	2510.3	2507.9	2507.1	2507.9	2510.3	2514.0	2518.5	2523.1	2526.0	2526.9
12.5°	2505.4	2501.3	2498.6	2497.7	2498.6	2501.3	2505.4	2510.9	2517.4	2523.1	2526.4
10°	2497.6	2494.2	2491.9	2491.1	2491.9	2494.2	2497.6	2503.7	2510.9	2518.5	2524.9
7.5°	2492.7	2489.5	2487.8	2487.2	2487.8	2489.5	2492.7	2497.6	2505.4	2514.0	2521.7
5°	2489.5	2486.4	2483.8	2482.8	2483.8	2486.4	2489.5	2494.2	2501.3	2510.3	2519.2
2.5°	2487.8	2483.8	2479.9	2477.8	2479.9	2483.8	2487.8	2491.9	2498.6	2507.9	2517.6
0°	2487.2	2482.8	2477.8	2478.3	2477.8	2482.8	2487.2	2491.1	2497.7	2507.1	2517.1
-2.5°	2487.8	2483.8	2479.9	2477.8	2479.9	2483.8	2487.8	2491.9	2498.6	2507.9	2517.6
-5°	2489.5	2486.4	2483.8	2482.8	2483.8	2486.4	2489.5	2494.2	2501.3	2510.3	2519.2
-7.5°	2492.7	2489.5	2487.8	2487.2	2487.8	2489.5	2492.7	2497.6	2505.4	2514.0	2521.7
-10°	2497.6	2494.2	2491.9	2491.1	2491.9	2494.2	2497.6	2503.7	2510.9	2518.5	2524.9
-12.5°	2505.4	2501.3	2498.6	2497.7	2498.6	2501.3	2505.4	2510.9	2517.4	2523.1	2526.4
-15°	2514.0	2510.3	2507.9	2507.1	2507.9	2510.3	2514.0	2518.5	2523.1	2526.0	2526.9
-17.5°	2521.7	2519.2	2517.6	2517.1	2517.6	2519.2	2521.7	2524.9	2526.4	2526.9	2523.9
-20°	2526.3	2525.5	2525.0	2524.8	2525.0	2525.5	2526.3	2527.3	2525.9	2523.4	2513.6



REPORT NUMBER: P645350 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-735-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2525.5	2526.7	2527.4	2527.6	2527.4	2526.7	2525.5	2524.0	2519.0	2510.2	2496.2
-25°	2515.8	2519.8	2522.3	2523.1	2522.3	2519.8	2515.8	2510.3	2501.9	2487.4	2470.3
-27.5°	2493.5	2500.1	2504.1	2505.4	2504.1	2500.1	2493.5	2484.6	2473.3	2456.3	2436.9
-30°	2459.7	2467.2	2471.9	2473.4	2471.9	2467.2	2459.7	2449.2	2436.1	2417.6	2395.5
-32.5°	2416.9	2425.5	2430.7	2432.4	2430.7	2425.5	2416.9	2405.1	2390.3	2370.9	2346.9
-35°	2365.0	2374.2	2379.7	2381.6	2379.7	2374.2	2365.0	2352.3	2336.3	2316.1	2289.7
-37.5°	2303.7	2313.7	2319.8	2321.8	2319.8	2313.7	2303.7	2289.9	2272.3	2251.2	2222.7
-40°	2231.1	2241.8	2248.3	2250.5	2248.3	2241.8	2231.1	2216.2	2197.3	2174.6	2145.5
-42.5°	2146.7	2158.0	2164.7	2167.0	2164.7	2158.0	2146.7	2131.1	2111.3	2087.4	2057.7
-45°	2050.2	2062.2	2069.4	2071.8	2069.4	2062.2	2050.2	2033.6	2012.4	1986.8	1956.4
-47.5°	1938.3	1951.0	1958.6	1961.2	1958.6	1951.0	1938.3	1920.7	1898.2	1871.1	1839.4
-50°	1810.7	1823.3	1831.0	1833.5	1831.0	1823.3	1810.7	1793.1	1770.7	1743.5	1711.8
-52.5°	1671.5	1684.3	1692.0	1694.6	1692.0	1684.3	1671.5	1653.7	1631.0	1603.4	1571.1
-55°	1517.6	1530.5	1538.3	1540.9	1538.3	1530.5	1517.6	1499.5	1476.5	1448.5	1415.7
-57.5°	1346.5	1359.8	1367.8	1370.5	1367.8	1359.8	1346.5	1328.0	1304.2	1275.4	1241.7
-60°	1155.3	1168.0	1175.6	1178.1	1175.6	1168.0	1155.3	1137.7	1115.2	1087.8	1055.7
-62.5°	956.8	967.8	974.5	976.7	974.5	967.8	956.8	941.4	921.7	897.7	869.6
-65°	766.1	774.7	779.8	781.5	779.8	774.7	766.1	754.3	739.0	720.5	698.8
-67.5°	602.8	608.7	612.2	613.4	612.2	608.7	602.8	594.7	584.2	571.5	556.5
-70°	475.7	480.0	482.5	483.4	482.5	480.0	475.7	469.7	462.0	452.7	441.7
-72.5°	369.7	372.6	374.4	375.0	374.4	372.6	369.7	365.6	360.3	353.9	346.4
-75°	285.9	287.8	288.9	289.3	288.9	287.8	285.9	283.2	279.8	275.7	270.8
-77.5°	221.5	222.9	223.7	224.0	223.7	222.9	221.5	219.6	217.1	214.1	210.5
-80°	164.4	165.6	166.3	166.5	166.3	165.6	164.4	162.8	160.7	158.2	155.2
-82.5°	104.8	105.6	106.0	106.2	106.0	105.6	104.8	103.7	102.3	100.6	98.6
-85°	50.8	51.1	51.3	51.4	51.3	51.1	50.8	50.3	49.6	48.8	47.9
-87.5°	13.7	13.7	13.8	13.8	13.8	13.7	13.7	13.6	13.5	13.3	13.2
-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: P645350 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-735-U-LAM-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°	13.0	12.7	12.5	12.2	12.0	11.6	11.3	10.9	10.6	10.2	9.8
85°	46.9	45.7	44.3	42.9	41.3	39.6	37.8	35.8	33.8	31.6	29.3
82.5°	96.2	93.6	90.7	87.5	84.1	80.3	76.3	72.1	67.6	62.8	57.9
80°	151.8	148.0	143.7	139.0	133.9	128.4	122.5	116.3	109.7	103.0	96.4
77.5°	206.4	201.8	196.7	191.1	185.0	178.4	171.4	163.8	155.5	146.8	137.6
75°	265.2	258.9	251.9	244.2	235.8	226.8	218.0	209.0	199.5	189.5	179.0
72.5°	337.8	328.0	317.2	305.4	292.6	281.2	270.0	258.0	245.4	232.1	218.9
70°	429.1	414.9	399.2	382.0	365.7	349.8	332.8	314.8	295.8	279.0	263.1
67.5°	539.3	520.1	498.7	476.6	455.4	432.6	408.3	382.6	359.5	336.9	313.3
65°	673.8	645.8	614.8	588.2	559.8	529.2	496.6	465.6	435.2	403.4	371.2
62.5°	837.4	801.2	764.0	726.2	685.4	641.6	599.1	560.9	520.6	479.2	442.5
60°	1018.9	977.7	933.5	885.2	832.9	777.6	726.2	671.9	614.8	568.2	520.1
57.5°	1203.1	1158.9	1108.9	1054.3	995.3	933.5	868.3	799.5	734.8	669.7	604.5
55°	1378.3	1332.0	1279.8	1222.9	1160.7	1091.9	1018.9	943.0	864.6	782.8	709.4
52.5°	1533.6	1488.0	1437.7	1382.9	1317.9	1246.8	1171.0	1087.8	1000.6	911.8	820.3
50°	1673.6	1628.9	1579.7	1524.6	1460.9	1392.9	1314.5	1229.0	1137.7	1040.2	940.3
47.5°	1800.6	1756.9	1708.8	1652.6	1590.6	1522.9	1445.6	1363.6	1267.9	1168.0	1060.2
45°	1917.3	1873.8	1825.5	1769.3	1709.1	1639.9	1565.3	1481.2	1390.8	1287.5	1178.1
42.5°	2021.1	1980.4	1932.0	1876.5	1815.7	1747.3	1673.3	1589.9	1499.2	1399.6	1287.5
40°	2111.5	2073.7	2026.2	1974.6	1913.2	1846.1	1770.5	1690.1	1598.2	1499.2	1390.8
37.5°	2190.5	2153.1	2108.9	2059.7	2000.9	1935.6	1860.7	1778.3	1690.1	1589.9	1481.2
35°	2260.0	2223.2	2181.6	2132.8	2078.9	2014.2	1943.1	1860.7	1770.5	1673.3	1565.3
32.5°	2319.6	2284.3	2245.5	2197.9	2144.9	2084.8	2014.2	1935.6	1846.1	1747.3	1639.9
30°	2368.9	2337.1	2299.3	2255.9	2203.4	2144.9	2078.9	2000.9	1913.2	1815.7	1709.1
27.5°	2411.3	2382.3	2345.8	2304.3	2255.9	2197.9	2132.8	2059.7	1974.6	1876.5	1769.3
25°	2447.0	2419.4	2386.2	2345.8	2299.3	2245.5	2181.6	2108.9	2026.2	1932.0	1825.5
22.5°	2476.5	2450.4	2419.4	2382.3	2337.1	2284.3	2223.2	2153.1	2073.7	1980.4	1873.8
20°	2499.1	2476.5	2447.0	2411.3	2368.9	2319.6	2260.0	2190.5	2111.5	2021.1	1917.3
17.5°	2513.6	2496.2	2470.3	2436.9	2395.5	2346.9	2289.7	2222.7	2145.5	2057.7	1956.4
15°	2523.4	2510.2	2487.4	2456.3	2417.6	2370.9	2316.1	2251.2	2174.6	2087.4	1986.8
12.5°	2525.9	2519.0	2501.9	2473.3	2436.1	2390.3	2336.3	2272.3	2197.3	2111.3	2012.4
10°	2527.3	2524.0	2510.3	2484.6	2449.2	2405.1	2352.3	2289.9	2216.2	2131.1	2033.6
7.5°	2526.3	2525.5	2515.8	2493.5	2459.7	2416.9	2365.0	2303.7	2231.1	2146.7	2050.2
5°	2525.5	2526.7	2519.8	2500.1	2467.2	2425.5	2374.2	2313.7	2241.8	2158.0	2062.2
2.5°	2525.0	2527.4	2522.3	2504.1	2471.9	2430.7	2379.7	2319.8	2248.3	2164.7	2069.4
0°	2524.8	2527.6	2523.1	2505.4	2473.4	2432.4	2381.6	2321.8	2250.5	2167.0	2071.8
-2.5°	2525.0	2527.4	2522.3	2504.1	2471.9	2430.7	2379.7	2319.8	2248.3	2164.7	2069.4
-5°	2525.5	2526.7	2519.8	2500.1	2467.2	2425.5	2374.2	2313.7	2241.8	2158.0	2062.2
-7.5°	2526.3	2525.5	2515.8	2493.5	2459.7	2416.9	2365.0	2303.7	2231.1	2146.7	2050.2
-10°	2527.3	2524.0	2510.3	2484.6	2449.2	2405.1	2352.3	2289.9	2216.2	2131.1	2033.6
-12.5°	2525.9	2519.0	2501.9	2473.3	2436.1	2390.3	2336.3	2272.3	2197.3	2111.3	2012.4
-15°	2523.4	2510.2	2487.4	2456.3	2417.6	2370.9	2316.1	2251.2	2174.6	2087.4	1986.8
-17.5°	2513.6	2496.2	2470.3	2436.9	2395.5	2346.9	2289.7	2222.7	2145.5	2057.7	1956.4
-20°	2499.1	2476.5	2447.0	2411.3	2368.9	2319.6	2260.0	2190.5	2111.5	2021.1	1917.3

Classified

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

Scaled Data Report



REPORT NUMBER: P645350 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1E-735-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2476.5	2450.4	2419.4	2382.3	2337.1	2284.3	2223.2	2153.1	2073.7	1980.4	1873.8
-25°	2447.0	2419.4	2386.2	2345.8	2299.3	2245.5	2181.6	2108.9	2026.2	1932.0	1825.5
-27.5°	2411.3	2382.3	2345.8	2304.3	2255.9	2197.9	2132.8	2059.7	1974.6	1876.5	1769.3
-30°	2368.9	2337.1	2299.3	2255.9	2203.4	2144.9	2078.9	2000.9	1913.2	1815.7	1709.1
-32.5°	2319.6	2284.3	2245.5	2197.9	2144.9	2084.8	2014.2	1935.6	1846.1	1747.3	1639.9
-35°	2260.0	2223.2	2181.6	2132.8	2078.9	2014.2	1943.1	1860.7	1770.5	1673.3	1565.3
-37.5°	2190.5	2153.1	2108.9	2059.7	2000.9	1935.6	1860.7	1778.3	1690.1	1589.9	1481.2
-40°	2111.5	2073.7	2026.2	1974.6	1913.2	1846.1	1770.5	1690.1	1598.2	1499.2	1390.8
-42.5°	2021.1	1980.4	1932.0	1876.5	1815.7	1747.3	1673.3	1589.9	1499.2	1399.6	1287.5
-45°	1917.3	1873.8	1825.5	1769.3	1709.1	1639.9	1565.3	1481.2	1390.8	1287.5	1178.1
-47.5°	1800.6	1756.9	1708.8	1652.6	1590.6	1522.9	1445.6	1363.6	1267.9	1168.0	1060.2
-50°	1673.6	1628.9	1579.7	1524.6	1460.9	1392.9	1314.5	1229.0	1137.7	1040.2	940.3
-52.5°	1533.6	1488.0	1437.7	1382.9	1317.9	1246.8	1171.0	1087.8	1000.6	911.8	820.3
-55°	1378.3	1332.0	1279.8	1222.9	1160.7	1091.9	1018.9	943.0	864.6	782.8	709.4
-57.5°	1203.1	1158.9	1108.9	1054.3	995.3	933.5	868.3	799.5	734.8	669.7	604.5
-60°	1018.9	977.7	933.5	885.2	832.9	777.6	726.2	671.9	614.8	568.2	520.1
-62.5°	837.4	801.2	764.0	726.2	685.4	641.6	599.1	560.9	520.6	479.2	442.5
-65°	673.8	645.8	614.8	588.2	559.8	529.2	496.6	465.6	435.2	403.4	371.2
-67.5°	539.3	520.1	498.7	476.6	455.4	432.6	408.3	382.6	359.5	336.9	313.3
-70°	429.1	414.9	399.2	382.0	365.7	349.8	332.8	314.8	295.8	279.0	263.1
-72.5°	337.8	328.0	317.2	305.4	292.6	281.2	270.0	258.0	245.4	232.1	218.9
-75°	265.2	258.9	251.9	244.2	235.8	226.8	218.0	209.0	199.5	189.5	179.0
-77.5°	206.4	201.8	196.7	191.1	185.0	178.4	171.4	163.8	155.5	146.8	137.6
-80°	151.8	148.0	143.7	139.0	133.9	128.4	122.5	116.3	109.7	103.0	96.4
-82.5°	96.2	93.6	90.7	87.5	84.1	80.3	76.3	72.1	67.6	62.8	57.9
-85°	46.9	45.7	44.3	42.9	41.3	39.6	37.8	35.8	33.8	31.6	29.3
-87.5°	13.0	12.7	12.5	12.2	12.0	11.6	11.3	10.9	10.6	10.2	9.8
-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: P645350 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-735-U-LAM-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°	9.3	8.9	8.4	7.9	7.4	6.9	6.4	5.8	5.3	4.7	4.1
85°	27.0	24.5	21.9	19.3	16.6	13.8	12.7	11.7	10.6	9.4	8.3
82.5°	52.7	48.6	44.7	40.8	36.7	32.5	28.2	23.8	19.3	14.7	12.4
80°	89.5	82.3	74.8	67.1	59.1	51.1	45.4	39.5	33.5	27.4	21.2
77.5°	128.1	118.2	107.9	98.1	88.2	78.0	67.5	56.8	47.7	40.0	32.3
75°	168.1	156.3	144.0	131.2	118.1	104.8	92.3	79.5	66.4	53.1	43.3
72.5°	206.1	192.8	179.1	164.9	149.6	133.9	117.8	101.8	86.6	71.2	55.5
70°	246.5	229.2	212.9	196.7	180.1	162.8	144.5	125.8	106.7	89.1	71.2
67.5°	288.9	269.4	249.4	228.7	209.4	190.2	170.6	149.8	128.4	106.7	86.6
65°	343.8	315.4	286.9	263.9	240.3	217.1	195.3	173.1	149.8	125.8	101.8
62.5°	404.4	367.0	334.7	301.6	272.7	246.2	219.6	195.3	170.6	144.5	117.8
60°	472.2	429.1	384.6	346.4	309.3	275.7	246.2	217.1	190.2	162.8	133.9
57.5°	550.2	494.0	444.0	394.5	350.3	309.3	272.7	240.3	209.4	180.1	149.6
55°	633.5	568.4	506.1	449.0	394.5	346.4	301.6	263.9	228.7	196.7	164.9
52.5°	733.4	649.4	574.5	506.1	444.0	384.6	334.7	286.9	249.4	212.9	179.1
50°	839.1	741.5	649.4	568.4	494.0	429.1	367.0	315.4	269.4	229.2	192.8
47.5°	949.9	839.1	733.4	633.5	550.2	472.2	404.4	343.8	288.9	246.5	206.1
45°	1060.2	940.3	820.3	709.4	604.5	520.1	442.5	371.2	313.3	263.1	218.9
42.5°	1168.0	1040.2	911.8	782.8	669.7	568.2	479.2	403.4	336.9	279.0	232.1
40°	1267.9	1137.7	1000.6	864.6	734.8	614.8	520.6	435.2	359.5	295.8	245.4
37.5°	1363.6	1229.0	1087.8	943.0	799.5	671.9	560.9	465.6	382.6	314.8	258.0
35°	1445.6	1314.5	1171.0	1018.9	868.3	726.2	599.1	496.6	408.3	332.8	270.0
32.5°	1522.9	1392.9	1246.8	1091.9	933.5	777.6	641.6	529.2	432.6	349.8	281.2
30°	1590.6	1460.9	1317.9	1160.7	995.3	832.9	685.4	559.8	455.4	365.7	292.6
27.5°	1652.6	1524.6	1382.9	1222.9	1054.3	885.2	726.2	588.2	476.6	382.0	305.4
25°	1708.8	1579.7	1437.7	1279.8	1108.9	933.5	764.0	614.8	498.7	399.2	317.2
22.5°	1756.9	1628.9	1488.0	1332.0	1158.9	977.7	801.2	645.8	520.1	414.9	328.0
20°	1800.6	1673.6	1533.6	1378.3	1203.1	1018.9	837.4	673.8	539.3	429.1	337.8
17.5°	1839.4	1711.8	1571.1	1415.7	1241.7	1055.7	869.6	698.8	556.5	441.7	346.4
15°	1871.1	1743.5	1603.4	1448.5	1275.4	1087.8	897.7	720.5	571.5	452.7	353.9
12.5°	1898.2	1770.7	1631.0	1476.5	1304.2	1115.2	921.7	739.0	584.2	462.0	360.3
10°	1920.7	1793.1	1653.7	1499.5	1328.0	1137.7	941.4	754.3	594.7	469.7	365.6
7.5°	1938.3	1810.7	1671.5	1517.6	1346.5	1155.3	956.8	766.1	602.8	475.7	369.7
5°	1951.0	1823.3	1684.3	1530.5	1359.8	1168.0	967.8	774.7	608.7	480.0	372.6
2.5°	1958.6	1831.0	1692.0	1538.3	1367.8	1175.6	974.5	779.8	612.2	482.5	374.4
0°	1961.2	1833.5	1694.6	1540.9	1370.5	1178.1	976.7	781.5	613.4	483.4	375.0
-2.5°	1958.6	1831.0	1692.0	1538.3	1367.8	1175.6	974.5	779.8	612.2	482.5	374.4
-5°	1951.0	1823.3	1684.3	1530.5	1359.8	1168.0	967.8	774.7	608.7	480.0	372.6
-7.5°	1938.3	1810.7	1671.5	1517.6	1346.5	1155.3	956.8	766.1	602.8	475.7	369.7
-10°	1920.7	1793.1	1653.7	1499.5	1328.0	1137.7	941.4	754.3	594.7	469.7	365.6
-12.5°	1898.2	1770.7	1631.0	1476.5	1304.2	1115.2	921.7	739.0	584.2	462.0	360.3
-15°	1871.1	1743.5	1603.4	1448.5	1275.4	1087.8	897.7	720.5	571.5	452.7	353.9
-17.5°	1839.4	1711.8	1571.1	1415.7	1241.7	1055.7	869.6	698.8	556.5	441.7	346.4
-20°	1800.6	1673.6	1533.6	1378.3	1203.1	1018.9	837.4	673.8	539.3	429.1	337.8



REPORT NUMBER: P645350 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-735-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1756.9	1628.9	1488.0	1332.0	1158.9	977.7	801.2	645.8	520.1	414.9	328.0
-25°	1708.8	1579.7	1437.7	1279.8	1108.9	933.5	764.0	614.8	498.7	399.2	317.2
-27.5°	1652.6	1524.6	1382.9	1222.9	1054.3	885.2	726.2	588.2	476.6	382.0	305.4
-30°	1590.6	1460.9	1317.9	1160.7	995.3	832.9	685.4	559.8	455.4	365.7	292.6
-32.5°	1522.9	1392.9	1246.8	1091.9	933.5	777.6	641.6	529.2	432.6	349.8	281.2
-35°	1445.6	1314.5	1171.0	1018.9	868.3	726.2	599.1	496.6	408.3	332.8	270.0
-37.5°	1363.6	1229.0	1087.8	943.0	799.5	671.9	560.9	465.6	382.6	314.8	258.0
-40°	1267.9	1137.7	1000.6	864.6	734.8	614.8	520.6	435.2	359.5	295.8	245.4
-42.5°	1168.0	1040.2	911.8	782.8	669.7	568.2	479.2	403.4	336.9	279.0	232.1
-45°	1060.2	940.3	820.3	709.4	604.5	520.1	442.5	371.2	313.3	263.1	218.9
-47.5°	949.9	839.1	733.4	633.5	550.2	472.2	404.4	343.8	288.9	246.5	206.1
-50°	839.1	741.5	649.4	568.4	494.0	429.1	367.0	315.4	269.4	229.2	192.8
-52.5°	733.4	649.4	574.5	506.1	444.0	384.6	334.7	286.9	249.4	212.9	179.1
-55°	633.5	568.4	506.1	449.0	394.5	346.4	301.6	263.9	228.7	196.7	164.9
-57.5°	550.2	494.0	444.0	394.5	350.3	309.3	272.7	240.3	209.4	180.1	149.6
-60°	472.2	429.1	384.6	346.4	309.3	275.7	246.2	217.1	190.2	162.8	133.9
-62.5°	404.4	367.0	334.7	301.6	272.7	246.2	219.6	195.3	170.6	144.5	117.8
-65°	343.8	315.4	286.9	263.9	240.3	217.1	195.3	173.1	149.8	125.8	101.8
-67.5°	288.9	269.4	249.4	228.7	209.4	190.2	170.6	149.8	128.4	106.7	86.6
-70°	246.5	229.2	212.9	196.7	180.1	162.8	144.5	125.8	106.7	89.1	71.2
-72.5°	206.1	192.8	179.1	164.9	149.6	133.9	117.8	101.8	86.6	71.2	55.5
-75°	168.1	156.3	144.0	131.2	118.1	104.8	92.3	79.5	66.4	53.1	43.3
-77.5°	128.1	118.2	107.9	98.1	88.2	78.0	67.5	56.8	47.7	40.0	32.3
-80°	89.5	82.3	74.8	67.1	59.1	51.1	45.4	39.5	33.5	27.4	21.2
-82.5°	52.7	48.6	44.7	40.8	36.7	32.5	28.2	23.8	19.3	14.7	12.4
-85°	27.0	24.5	21.9	19.3	16.6	13.8	12.7	11.7	10.6	9.4	8.3
-87.5°	9.3	8.9	8.4	7.9	7.4	6.9	6.4	5.8	5.3	4.7	4.1
-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: P645350 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1E-735-U-LAM-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°	3.6	3.0	2.4	1.8	1.2	0.6	0.0
85°	7.1	6.0	4.8	3.6	2.4	1.2	0.0
82.5°	10.7	8.9	7.2	5.4	3.6	1.8	0.0
80°	14.9	11.9	9.5	7.2	4.8	2.4	0.0
77.5°	24.5	16.6	11.9	8.9	6.0	3.0	0.0
75°	34.0	24.5	14.9	10.7	7.1	3.6	0.0
72.5°	43.3	32.3	21.2	12.4	8.3	4.1	0.0
70°	53.1	40.0	27.4	14.7	9.4	4.7	0.0
67.5°	66.4	47.7	33.5	19.3	10.6	5.3	0.0
65°	79.5	56.8	39.5	23.8	11.7	5.8	0.0
62.5°	92.3	67.5	45.4	28.2	12.7	6.4	0.0
60°	104.8	78.0	51.1	32.5	13.8	6.9	0.0
57.5°	118.1	88.2	59.1	36.7	16.6	7.4	0.0
55°	131.2	98.1	67.1	40.8	19.3	7.9	0.0
52.5°	144.0	107.9	74.8	44.7	21.9	8.4	0.0
50°	156.3	118.2	82.3	48.6	24.5	8.9	0.0
47.5°	168.1	128.1	89.5	52.7	27.0	9.3	0.0
45°	179.0	137.6	96.4	57.9	29.3	9.8	0.0
42.5°	189.5	146.8	103.0	62.8	31.6	10.2	0.0
40°	199.5	155.5	109.7	67.6	33.8	10.6	0.0
37.5°	209.0	163.8	116.3	72.1	35.8	10.9	0.0
35°	218.0	171.4	122.5	76.3	37.8	11.3	0.0
32.5°	226.8	178.4	128.4	80.3	39.6	11.6	0.0
30°	235.8	185.0	133.9	84.1	41.3	12.0	0.0
27.5°	244.2	191.1	139.0	87.5	42.9	12.2	0.0
25°	251.9	196.7	143.7	90.7	44.3	12.5	0.0
22.5°	258.9	201.8	148.0	93.6	45.7	12.7	0.0
20°	265.2	206.4	151.8	96.2	46.9	13.0	0.0
17.5°	270.8	210.5	155.2	98.6	47.9	13.2	0.0
15°	275.7	214.1	158.2	100.6	48.8	13.3	0.0
12.5°	279.8	217.1	160.7	102.3	49.6	13.5	0.0
10°	283.2	219.6	162.8	103.7	50.3	13.6	0.0
7.5°	285.9	221.5	164.4	104.8	50.8	13.7	0.0
5°	287.8	222.9	165.6	105.6	51.1	13.7	0.0
2.5°	288.9	223.7	166.3	106.0	51.3	13.8	0.0
0°	289.3	224.0	166.5	106.2	51.4	13.8	0.0
-2.5°	288.9	223.7	166.3	106.0	51.3	13.8	0.0
-5°	287.8	222.9	165.6	105.6	51.1	13.7	0.0
-7.5°	285.9	221.5	164.4	104.8	50.8	13.7	0.0
-10°	283.2	219.6	162.8	103.7	50.3	13.6	0.0
-12.5°	279.8	217.1	160.7	102.3	49.6	13.5	0.0
-15°	275.7	214.1	158.2	100.6	48.8	13.3	0.0
-17.5°	270.8	210.5	155.2	98.6	47.9	13.2	0.0
-20°	265.2	206.4	151.8	96.2	46.9	13.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645350 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1E-735-U-LAM-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	258.9	201.8	148.0	93.6	45.7	12.7	0.0
-25°	251.9	196.7	143.7	90.7	44.3	12.5	0.0
-27.5°	244.2	191.1	139.0	87.5	42.9	12.2	0.0
-30°	235.8	185.0	133.9	84.1	41.3	12.0	0.0
-32.5°	226.8	178.4	128.4	80.3	39.6	11.6	0.0
-35°	218.0	171.4	122.5	76.3	37.8	11.3	0.0
-37.5°	209.0	163.8	116.3	72.1	35.8	10.9	0.0
-40°	199.5	155.5	109.7	67.6	33.8	10.6	0.0
-42.5°	189.5	146.8	103.0	62.8	31.6	10.2	0.0
-45°	179.0	137.6	96.4	57.9	29.3	9.8	0.0
-47.5°	168.1	128.1	89.5	52.7	27.0	9.3	0.0
-50°	156.3	118.2	82.3	48.6	24.5	8.9	0.0
-52.5°	144.0	107.9	74.8	44.7	21.9	8.4	0.0
-55°	131.2	98.1	67.1	40.8	19.3	7.9	0.0
-57.5°	118.1	88.2	59.1	36.7	16.6	7.4	0.0
-60°	104.8	78.0	51.1	32.5	13.8	6.9	0.0
-62.5°	92.3	67.5	45.4	28.2	12.7	6.4	0.0
-65°	79.5	56.8	39.5	23.8	11.7	5.8	0.0
-67.5°	66.4	47.7	33.5	19.3	10.6	5.3	0.0
-70°	53.1	40.0	27.4	14.7	9.4	4.7	0.0
-72.5°	43.3	32.3	21.2	12.4	8.3	4.1	0.0
-75°	34.0	24.5	14.9	10.7	7.1	3.6	0.0
-77.5°	24.5	16.6	11.9	8.9	6.0	3.0	0.0
-80°	14.9	11.9	9.5	7.2	4.8	2.4	0.0
-82.5°	10.7	8.9	7.2	5.4	3.6	1.8	0.0
-85°	7.1	6.0	4.8	3.6	2.4	1.2	0.0
-87.5°	3.6	3.0	2.4	1.8	1.2	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)