

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



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

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P626951 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-722-U-VWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626951 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-17)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA2D-722-U-VWR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N39  
Light Source: (32) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

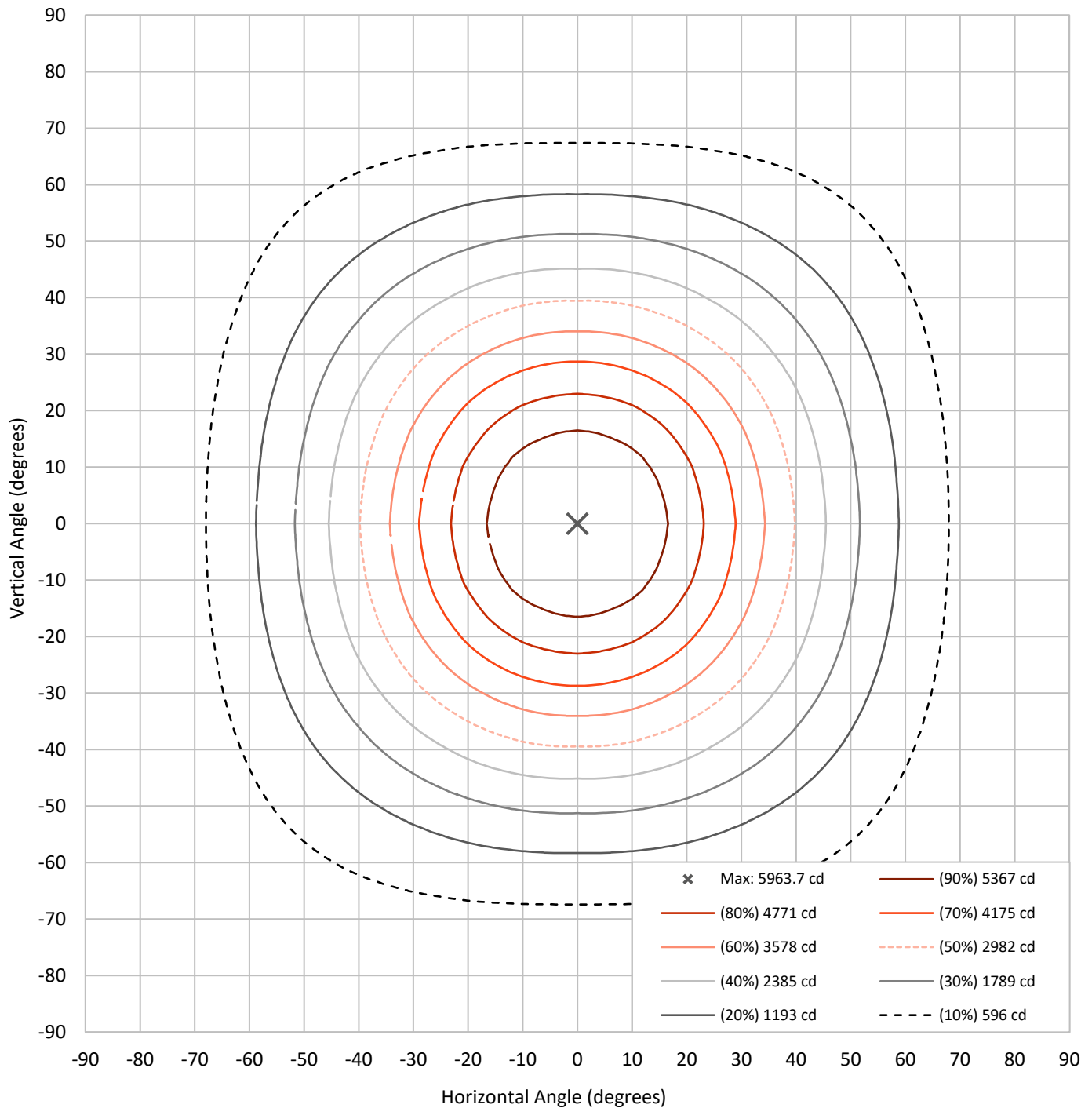
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	10778.9 lumens	Max Intensity:	5963.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	99.2 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	79.6°H x 78.9°V	Field Angle (10%):	135.9°H x 134.8°V
Beam Lumens:	6321.9 lumens	Field Lumens:	10275.8 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	108.7		
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: P626951 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2D-722-U-VWR-XX

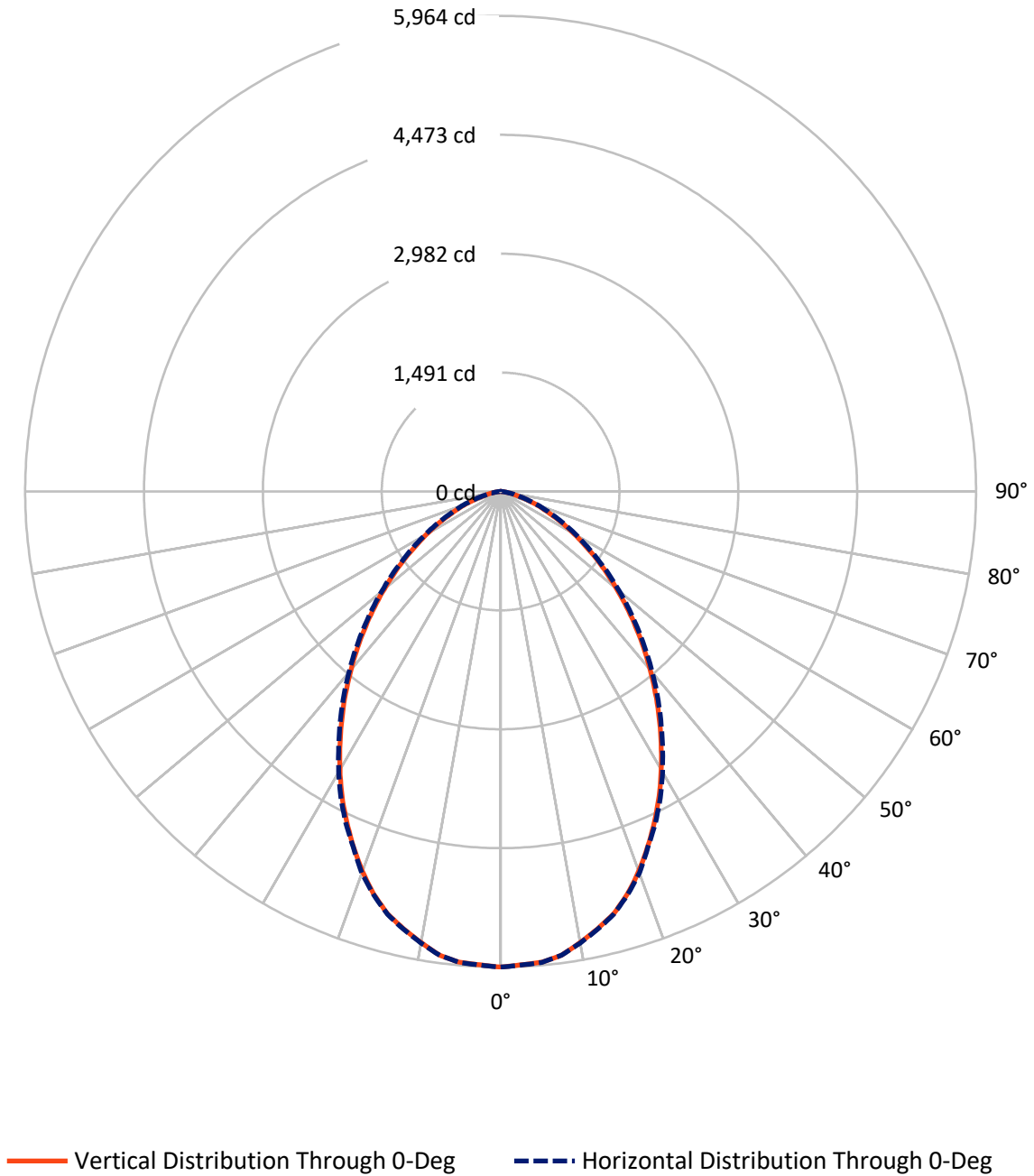
### Iso-Candela Plot





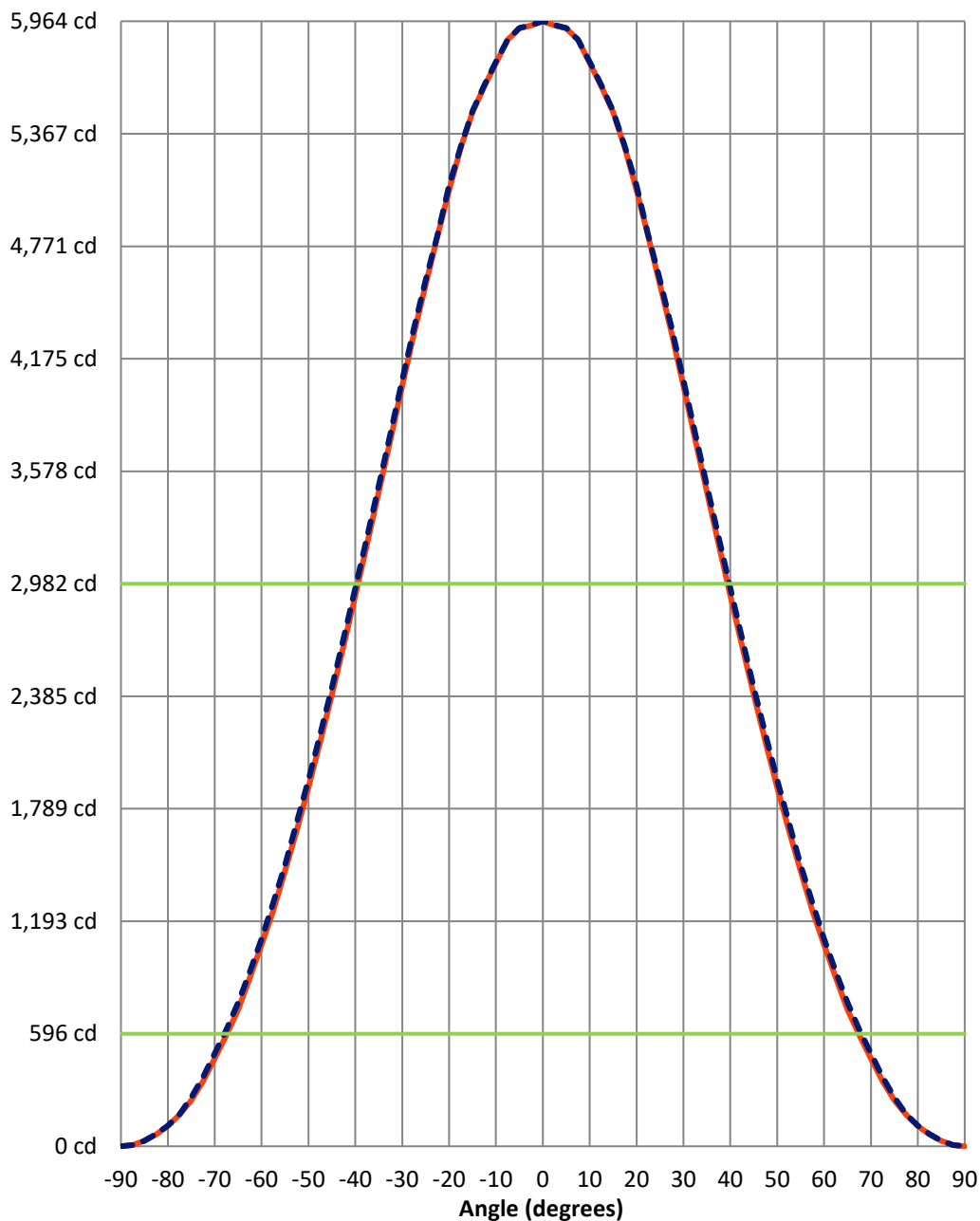
REPORT NUMBER: P626951 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA2D-722-U-VWR-XX

### Luminous Intensity Polar Plot



REPORT NUMBER: P626951 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-722-U-VWR-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 79.6°  
 V Angle: 78.9°  
 Lumens: 6321.9  
 Efficiency: 58.7%

**Field:**  
 H Angle: 135.9°  
 V Angle: 134.8°  
 Lumens: 10275.8  
 Efficiency: 95.3%

**Spill:**  
 Lumens: 503.1  
 Efficiency: 4.7%

— Vertical Distribution through 0-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: P626951 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-722-U-VWR-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	0.3	0.8	1.2	1.5	1.9	2.3	2.7	3.0	3.4	3.8
85°	0.0	0.7	1.5	2.3	3.1	3.8	4.6	5.3	6.1	6.8	7.5
82.5°	0.0	1.0	2.3	3.5	4.6	5.8	6.9	8.0	10.0	15.8	21.4
80°	0.0	1.4	3.1	4.6	6.2	7.7	10.4	18.5	26.3	33.9	41.1
77.5°	0.0	1.7	3.8	5.8	7.7	12.0	22.7	32.9	42.5	51.8	63.3
75°	0.0	2.0	4.6	6.9	10.0	20.9	34.6	47.2	59.3	75.8	93.4
72.5°	0.0	2.3	5.3	8.0	16.0	29.4	46.3	62.6	81.5	101.6	122.9
70°	0.0	2.6	6.0	9.6	21.7	37.7	57.9	81.0	103.2	126.9	154.7
67.5°	0.0	3.0	6.7	13.2	27.3	45.6	71.8	99.0	124.5	154.5	186.3
65°	0.0	3.3	7.3	16.6	32.6	54.5	85.1	116.5	147.5	181.2	215.9
62.5°	0.0	3.5	8.0	19.9	37.6	64.2	97.8	134.8	169.7	206.7	242.3
60°	0.0	3.8	8.6	23.0	42.3	73.4	109.7	152.9	191.1	230.6	268.3
57.5°	0.0	4.1	10.3	25.9	48.6	82.0	122.2	169.8	212.2	254.1	293.1
55°	0.0	4.4	12.0	28.6	54.6	90.0	134.1	184.4	232.9	276.8	316.8
52.5°	0.0	4.6	13.7	31.1	60.1	97.6	145.1	199.6	253.2	297.6	339.9
50°	0.0	4.8	15.2	33.4	65.3	105.7	155.2	214.1	272.4	317.9	366.4
47.5°	0.0	5.1	16.7	35.8	69.9	113.1	164.7	227.5	289.9	337.5	392.4
45°	0.0	5.3	18.2	38.9	74.1	119.8	175.2	239.8	303.4	359.7	417.2
42.5°	0.0	5.5	19.5	41.7	77.9	125.7	184.8	251.2	316.4	380.9	446.4
40°	0.0	5.7	20.8	44.6	81.6	130.9	193.6	262.0	329.9	400.8	474.9
37.5°	0.0	5.8	22.0	47.4	85.3	135.3	201.4	272.2	345.0	419.7	501.6
35°	0.0	6.0	23.1	50.1	88.5	140.4	208.3	281.8	359.8	441.4	528.5
32.5°	0.0	6.1	24.1	52.5	91.2	145.5	214.7	290.8	374.1	462.3	557.1
30°	0.0	6.3	25.0	54.7	93.3	149.9	221.3	299.8	387.9	482.2	583.8
27.5°	0.0	6.4	25.8	56.8	96.5	153.5	227.3	310.3	402.1	501.1	608.5
25°	0.0	6.5	26.6	58.6	99.5	156.4	232.5	320.0	416.9	520.4	631.4
22.5°	0.0	6.6	27.2	60.2	102.2	159.2	237.0	328.9	430.6	538.7	655.7
20°	0.0	6.6	27.8	61.5	104.4	163.2	240.8	336.9	443.0	555.0	677.6
17.5°	0.0	6.7	28.3	62.7	106.3	166.4	245.4	343.9	454.0	569.3	696.8
15°	0.0	6.7	28.7	63.7	107.9	168.9	250.2	350.7	463.6	581.6	713.4
12.5°	0.0	6.8	29.0	64.4	109.1	170.8	254.2	357.0	472.3	591.8	727.3
10°	0.0	6.8	29.2	64.9	109.9	171.9	257.1	361.8	479.8	601.4	739.0
7.5°	0.0	6.8	29.3	65.2	110.3	172.4	259.2	365.2	485.5	609.1	749.1
5°	0.0	6.8	29.3	65.3	110.4	172.2	260.2	367.2	489.5	614.7	756.4
2.5°	0.0	6.7	29.2	65.1	110.1	171.3	260.3	367.6	491.6	618.1	760.7
0°	0.0	6.7	29.1	64.8	109.5	169.9	259.3	366.6	491.8	619.2	762.2
-2.5°	0.0	6.7	29.2	65.1	110.1	171.3	260.3	367.6	491.6	618.1	760.7
-5°	0.0	6.8	29.3	65.3	110.4	172.2	260.2	367.2	489.5	614.7	756.4
-7.5°	0.0	6.8	29.3	65.2	110.3	172.4	259.2	365.2	485.5	609.1	749.1
-10°	0.0	6.8	29.2	64.9	109.9	171.9	257.1	361.8	479.8	601.4	739.0
-12.5°	0.0	6.8	29.0	64.4	109.1	170.8	254.2	357.0	472.3	591.8	727.3
-15°	0.0	6.7	28.7	63.7	107.9	168.9	250.2	350.7	463.6	581.6	713.4
-17.5°	0.0	6.7	28.3	62.7	106.3	166.4	245.4	343.9	454.0	569.3	696.8
-20°	0.0	6.6	27.8	61.5	104.4	163.2	240.8	336.9	443.0	555.0	677.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626951 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-722-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	6.6	27.2	60.2	102.2	159.2	237.0	328.9	430.6	538.7	655.7
-25°	0.0	6.5	26.6	58.6	99.5	156.4	232.5	320.0	416.9	520.4	631.4
-27.5°	0.0	6.4	25.8	56.8	96.5	153.5	227.3	310.3	402.1	501.1	608.5
-30°	0.0	6.3	25.0	54.7	93.3	149.9	221.3	299.8	387.9	482.2	583.8
-32.5°	0.0	6.1	24.1	52.5	91.2	145.5	214.7	290.8	374.1	462.3	557.1
-35°	0.0	6.0	23.1	50.1	88.5	140.4	208.3	281.8	359.8	441.4	528.5
-37.5°	0.0	5.8	22.0	47.4	85.3	135.3	201.4	272.2	345.0	419.7	501.6
-40°	0.0	5.7	20.8	44.6	81.6	130.9	193.6	262.0	329.9	400.8	474.9
-42.5°	0.0	5.5	19.5	41.7	77.9	125.7	184.8	251.2	316.4	380.9	446.4
-45°	0.0	5.3	18.2	38.9	74.1	119.8	175.2	239.8	303.4	359.7	417.2
-47.5°	0.0	5.1	16.7	35.8	69.9	113.1	164.7	227.5	289.9	337.5	392.4
-50°	0.0	4.8	15.2	33.4	65.3	105.7	155.2	214.1	272.4	317.9	366.4
-52.5°	0.0	4.6	13.7	31.1	60.1	97.6	145.1	199.6	253.2	297.6	339.9
-55°	0.0	4.4	12.0	28.6	54.6	90.0	134.1	184.4	232.9	276.8	316.8
-57.5°	0.0	4.1	10.3	25.9	48.6	82.0	122.2	169.8	212.2	254.1	293.1
-60°	0.0	3.8	8.6	23.0	42.3	73.4	109.7	152.9	191.1	230.6	268.3
-62.5°	0.0	3.5	8.0	19.9	37.6	64.2	97.8	134.8	169.7	206.7	242.3
-65°	0.0	3.3	7.3	16.6	32.6	54.5	85.1	116.5	147.5	181.2	215.9
-67.5°	0.0	3.0	6.7	13.2	27.3	45.6	71.8	99.0	124.5	154.5	186.3
-70°	0.0	2.6	6.0	9.6	21.7	37.7	57.9	81.0	103.2	126.9	154.7
-72.5°	0.0	2.3	5.3	8.0	16.0	29.4	46.3	62.6	81.5	101.6	122.9
-75°	0.0	2.0	4.6	6.9	10.0	20.9	34.6	47.2	59.3	75.8	93.4
-77.5°	0.0	1.7	3.8	5.8	7.7	12.0	22.7	32.9	42.5	51.8	63.3
-80°	0.0	1.4	3.1	4.6	6.2	7.7	10.4	18.5	26.3	33.9	41.1
-82.5°	0.0	1.0	2.3	3.5	4.6	5.8	6.9	8.0	10.0	15.8	21.4
-85°	0.0	0.7	1.5	2.3	3.1	3.8	4.6	5.3	6.1	6.8	7.5
-87.5°	0.0	0.3	0.8	1.2	1.5	1.9	2.3	2.7	3.0	3.4	3.8
-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: P626951 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-722-U-VWR-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°	4.4	5.0	5.7	6.4	6.5	6.5	6.4	6.3	6.6	6.8	7.1
85°	8.7	10.0	13.9	17.7	19.5	20.6	21.1	21.0	24.5	28.4	32.7
82.5°	27.2	32.8	38.2	43.3	44.6	44.6	44.1	44.3	52.3	61.5	71.0
80°	48.4	55.5	65.0	73.3	77.0	78.8	79.7	79.6	89.8	103.3	117.5
77.5°	76.8	88.8	99.2	108.0	112.8	117.1	120.5	123.1	136.2	153.3	170.3
75°	109.2	122.3	135.3	146.7	154.7	160.6	166.1	174.9	192.0	212.0	229.4
72.5°	143.3	160.1	174.6	187.0	198.1	210.0	223.3	237.8	255.8	275.8	294.0
70°	179.8	198.2	213.5	228.3	243.5	261.3	281.2	300.8	320.9	343.0	364.2
67.5°	215.5	233.3	251.2	269.9	292.7	316.5	340.0	367.0	394.6	419.1	441.0
65°	246.5	267.3	289.7	315.2	343.4	373.5	404.9	437.3	472.4	501.7	528.5
62.5°	276.0	301.1	328.4	360.1	396.0	431.7	471.8	512.3	551.8	586.4	618.4
60°	303.3	333.7	368.2	407.0	448.9	496.4	542.1	588.2	631.5	670.7	711.1
57.5°	329.8	368.1	409.4	456.1	509.0	562.4	616.1	665.7	714.7	762.4	808.1
55°	357.9	404.0	453.2	510.5	570.1	633.3	691.1	746.4	800.4	858.3	913.4
52.5°	388.8	440.2	501.9	566.0	634.9	702.7	766.2	829.2	894.4	960.0	1031.7
50°	418.6	482.8	550.3	624.9	699.3	772.0	844.7	917.3	995.5	1075.9	1157.2
47.5°	453.5	523.4	603.2	683.2	764.6	845.4	926.4	1014.2	1103.0	1196.3	1286.2
45°	488.7	567.4	653.4	743.8	831.8	921.2	1016.0	1113.1	1217.2	1319.8	1427.9
42.5°	522.1	611.1	705.8	803.5	901.3	1001.3	1105.5	1218.9	1332.7	1451.0	1569.9
40°	559.1	652.6	757.1	864.7	970.8	1081.6	1200.8	1323.5	1452.3	1582.4	1711.4
37.5°	594.7	697.5	807.3	923.1	1042.2	1164.0	1293.3	1432.7	1572.3	1712.3	1854.7
35°	628.1	740.0	858.9	981.9	1108.2	1246.7	1391.3	1540.1	1691.4	1842.8	1995.9
32.5°	662.4	780.1	908.3	1039.9	1179.1	1327.6	1486.0	1647.3	1808.3	1970.1	2137.6
30°	696.7	822.2	956.1	1094.7	1247.0	1408.9	1579.1	1749.9	1920.3	2098.2	2276.8
27.5°	729.2	862.1	1003.1	1151.4	1312.1	1484.1	1664.9	1847.8	2031.5	2220.7	2411.2
25°	759.1	899.9	1046.7	1205.9	1376.3	1556.5	1744.8	1935.7	2137.2	2339.6	2538.6
22.5°	788.2	934.6	1087.1	1256.2	1434.4	1623.6	1819.8	2021.3	2231.9	2449.3	2655.2
20°	816.2	967.6	1126.4	1301.7	1486.5	1684.1	1887.9	2099.0	2319.9	2543.1	2764.6
17.5°	841.2	997.0	1163.0	1344.3	1536.3	1739.4	1949.3	2167.3	2398.0	2629.5	2864.1
15°	862.8	1022.6	1194.6	1381.5	1580.2	1789.7	2006.3	2230.5	2467.1	2708.1	2952.0
12.5°	881.2	1044.3	1221.3	1413.1	1617.5	1832.9	2055.3	2287.3	2530.4	2778.1	3029.1
10°	896.1	1061.9	1242.9	1438.9	1647.9	1868.5	2095.6	2334.2	2584.5	2837.7	3093.9
7.5°	908.8	1076.6	1260.0	1458.8	1671.4	1896.4	2127.0	2370.8	2627.7	2884.1	3146.0
5°	918.0	1088.6	1275.8	1475.5	1691.8	1918.2	2150.8	2396.9	2659.3	2917.2	3183.7
2.5°	923.5	1096.3	1286.5	1486.3	1707.8	1934.6	2172.0	2419.9	2682.4	2943.4	3212.1
0°	925.4	1099.8	1292.0	1490.9	1716.7	1942.5	2183.9	2432.0	2693.5	2959.5	3230.0
-2.5°	923.5	1096.3	1286.5	1486.3	1707.8	1934.6	2172.0	2419.9	2682.4	2943.4	3212.1
-5°	918.0	1088.6	1275.8	1475.5	1691.8	1918.2	2150.8	2396.9	2659.3	2917.2	3183.7
-7.5°	908.8	1076.6	1260.0	1458.8	1671.4	1896.4	2127.0	2370.8	2627.7	2884.1	3146.0
-10°	896.1	1061.9	1242.9	1438.9	1647.9	1868.5	2095.6	2334.2	2584.5	2837.7	3093.9
-12.5°	881.2	1044.3	1221.3	1413.1	1617.5	1832.9	2055.3	2287.3	2530.4	2778.1	3029.1
-15°	862.8	1022.6	1194.6	1381.5	1580.2	1789.7	2006.3	2230.5	2467.1	2708.1	2952.0
-17.5°	841.2	997.0	1163.0	1344.3	1536.3	1739.4	1949.3	2167.3	2398.0	2629.5	2864.1
-20°	816.2	967.6	1126.4	1301.7	1486.5	1684.1	1887.9	2099.0	2319.9	2543.1	2764.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626951 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-722-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	788.2	934.6	1087.1	1256.2	1434.4	1623.6	1819.8	2021.3	2231.9	2449.3	2655.2
-25°	759.1	899.9	1046.7	1205.9	1376.3	1556.5	1744.8	1935.7	2137.2	2339.6	2538.6
-27.5°	729.2	862.1	1003.1	1151.4	1312.1	1484.1	1664.9	1847.8	2031.5	2220.7	2411.2
-30°	696.7	822.2	956.1	1094.7	1247.0	1408.9	1579.1	1749.9	1920.3	2098.2	2276.8
-32.5°	662.4	780.1	908.3	1039.9	1179.1	1327.6	1486.0	1647.3	1808.3	1970.1	2137.6
-35°	628.1	740.0	858.9	981.9	1108.2	1246.7	1391.3	1540.1	1691.4	1842.8	1995.9
-37.5°	594.7	697.5	807.3	923.1	1042.2	1164.0	1293.3	1432.7	1572.3	1712.3	1854.7
-40°	559.1	652.6	757.1	864.7	970.8	1081.6	1200.8	1323.5	1452.3	1582.4	1711.4
-42.5°	522.1	611.1	705.8	803.5	901.3	1001.3	1105.5	1218.9	1332.7	1451.0	1569.9
-45°	488.7	567.4	653.4	743.8	831.8	921.2	1016.0	1113.1	1217.2	1319.8	1427.9
-47.5°	453.5	523.4	603.2	683.2	764.6	845.4	926.4	1014.2	1103.0	1196.3	1286.2
-50°	418.6	482.8	550.3	624.9	699.3	772.0	844.7	917.3	995.5	1075.9	1157.2
-52.5°	388.8	440.2	501.9	566.0	634.9	702.7	766.2	829.2	894.4	960.0	1031.7
-55°	357.9	404.0	453.2	510.5	570.1	633.3	691.1	746.4	800.4	858.3	913.4
-57.5°	329.8	368.1	409.4	456.1	509.0	562.4	616.1	665.7	714.7	762.4	808.1
-60°	303.3	333.7	368.2	407.0	448.9	496.4	542.1	588.2	631.5	670.7	711.1
-62.5°	276.0	301.1	328.4	360.1	396.0	431.7	471.8	512.3	551.8	586.4	618.4
-65°	246.5	267.3	289.7	315.2	343.4	373.5	404.9	437.3	472.4	501.7	528.5
-67.5°	215.5	233.3	251.2	269.9	292.7	316.5	340.0	367.0	394.6	419.1	441.0
-70°	179.8	198.2	213.5	228.3	243.5	261.3	281.2	300.8	320.9	343.0	364.2
-72.5°	143.3	160.1	174.6	187.0	198.1	210.0	223.3	237.8	255.8	275.8	294.0
-75°	109.2	122.3	135.3	146.7	154.7	160.6	166.1	174.9	192.0	212.0	229.4
-77.5°	76.8	88.8	99.2	108.0	112.8	117.1	120.5	123.1	136.2	153.3	170.3
-80°	48.4	55.5	65.0	73.3	77.0	78.8	79.7	79.6	89.8	103.3	117.5
-82.5°	27.2	32.8	38.2	43.3	44.6	44.6	44.1	44.3	52.3	61.5	71.0
-85°	8.7	10.0	13.9	17.7	19.5	20.6	21.1	21.0	24.5	28.4	32.7
-87.5°	4.4	5.0	5.7	6.4	6.5	6.5	6.4	6.3	6.6	6.8	7.1
-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: P626951 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-722-U-VWR-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°	7.3	7.5	7.7	7.9	8.1	8.2	8.4	8.5	8.6	8.2	7.7
85°	37.3	40.0	42.4	44.8	47.1	49.2	51.2	53.0	54.7	50.0	44.7
82.5°	80.6	87.1	93.3	99.4	105.5	107.0	107.5	107.3	106.4	98.1	88.9
80°	131.6	142.6	152.9	163.2	173.3	174.4	173.3	171.2	168.2	157.3	144.9
77.5°	187.3	201.1	213.2	224.2	234.3	236.2	235.9	235.4	234.6	223.4	209.9
75°	244.3	257.8	270.9	281.9	291.2	295.4	297.5	298.9	299.7	291.7	281.2
72.5°	310.5	324.5	336.0	346.8	355.9	362.4	367.2	370.7	373.2	370.7	366.4
70°	382.3	397.3	410.0	422.1	434.5	444.4	451.8	457.3	460.7	462.9	464.5
67.5°	463.1	483.3	501.0	516.0	530.9	544.9	556.4	565.8	573.0	579.2	583.9
65°	554.2	580.0	602.9	623.9	643.2	663.5	680.1	694.1	705.3	714.6	722.1
62.5°	649.9	681.5	711.0	739.5	767.4	795.0	816.1	835.4	852.5	867.2	878.9
60°	749.4	785.3	824.8	862.5	897.1	928.8	960.3	987.5	1010.9	1030.2	1045.8
57.5°	856.3	902.9	949.0	995.8	1040.0	1081.4	1120.1	1154.3	1183.2	1206.9	1226.8
55°	971.8	1030.1	1083.6	1142.6	1199.7	1251.6	1297.4	1337.5	1372.3	1401.4	1426.1
52.5°	1098.8	1169.6	1239.2	1306.3	1371.1	1431.3	1486.1	1532.9	1574.5	1610.1	1638.6
50°	1237.8	1318.8	1399.4	1474.1	1548.5	1617.9	1680.7	1735.0	1783.4	1825.3	1858.3
47.5°	1383.2	1475.4	1565.4	1650.9	1733.2	1810.4	1878.3	1940.2	2000.6	2049.8	2088.8
45°	1534.1	1637.5	1736.8	1834.6	1925.2	2011.7	2095.5	2172.6	2234.6	2288.9	2334.4
42.5°	1686.8	1802.2	1913.4	2020.1	2119.8	2219.8	2314.1	2398.3	2469.0	2530.7	2582.5
40°	1841.6	1967.9	2090.4	2206.7	2320.7	2429.7	2531.7	2620.5	2700.2	2773.5	2834.6
37.5°	1995.5	2134.5	2270.2	2400.5	2526.0	2644.1	2754.3	2854.7	2944.7	3028.1	3095.9
35°	2150.2	2302.7	2451.2	2594.6	2731.7	2862.0	2982.7	3096.9	3202.9	3287.5	3356.8
32.5°	2304.2	2468.2	2629.8	2787.7	2937.7	3078.3	3209.0	3335.3	3444.3	3537.2	3616.9
30°	2453.3	2630.9	2806.9	2978.1	3140.2	3292.5	3437.2	3570.7	3688.0	3789.6	3879.0
27.5°	2599.6	2790.4	2979.3	3162.1	3337.3	3502.8	3660.8	3805.6	3933.5	4044.0	4138.2
25°	2737.8	2942.9	3144.3	3338.1	3525.3	3707.8	3878.4	4036.4	4173.0	4294.3	4391.2
22.5°	2869.9	3088.6	3300.2	3504.1	3704.3	3901.1	4087.8	4252.8	4397.6	4524.4	4631.6
20°	2992.9	3227.4	3443.8	3659.4	3870.4	4080.5	4280.9	4455.0	4608.3	4743.2	4861.4
17.5°	3108.0	3348.4	3576.3	3805.9	4028.2	4248.6	4452.3	4638.8	4804.2	4947.5	5071.3
15°	3205.4	3448.2	3697.0	3942.2	4176.6	4399.8	4603.3	4798.1	4981.8	5136.7	5262.2
12.5°	3284.2	3536.7	3796.3	4056.6	4304.6	4527.4	4740.4	4938.1	5130.9	5305.0	5420.4
10°	3351.4	3611.4	3879.4	4144.9	4396.1	4632.0	4863.6	5072.5	5262.0	5417.9	5546.8
7.5°	3409.5	3677.3	3949.6	4215.4	4465.8	4709.5	4947.9	5169.9	5361.2	5508.1	5623.0
5°	3452.4	3726.5	4004.1	4272.3	4526.3	4770.7	5010.2	5229.4	5416.2	5565.5	5690.9
2.5°	3483.0	3759.8	4039.3	4307.9	4567.5	4812.6	5058.1	5279.7	5460.5	5597.4	5717.4
0°	3502.7	3779.8	4061.5	4336.4	4591.2	4828.2	5092.0	5299.8	5487.6	5623.9	5749.1
-2.5°	3483.0	3759.8	4039.3	4307.9	4567.5	4812.6	5058.1	5279.7	5460.5	5597.4	5717.4
-5°	3452.4	3726.5	4004.1	4272.3	4526.3	4770.7	5010.2	5229.4	5416.2	5565.5	5690.9
-7.5°	3409.5	3677.3	3949.6	4215.4	4465.8	4709.5	4947.9	5169.9	5361.2	5508.1	5623.0
-10°	3351.4	3611.4	3879.4	4144.9	4396.1	4632.0	4863.6	5072.5	5262.0	5417.9	5546.8
-12.5°	3284.2	3536.7	3796.3	4056.6	4304.6	4527.4	4740.4	4938.1	5130.9	5305.0	5420.4
-15°	3205.4	3448.2	3697.0	3942.2	4176.6	4399.8	4603.3	4798.1	4981.8	5136.7	5262.2
-17.5°	3108.0	3348.4	3576.3	3805.9	4028.2	4248.6	4452.3	4638.8	4804.2	4947.5	5071.3
-20°	2992.9	3227.4	3443.8	3659.4	3870.4	4080.5	4280.9	4455.0	4608.3	4743.2	4861.4



REPORT NUMBER: P626951 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-722-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2869.9	3088.6	3300.2	3504.1	3704.3	3901.1	4087.8	4252.8	4397.6	4524.4	4631.6
-25°	2737.8	2942.9	3144.3	3338.1	3525.3	3707.8	3878.4	4036.4	4173.0	4294.3	4391.2
-27.5°	2599.6	2790.4	2979.3	3162.1	3337.3	3502.8	3660.8	3805.6	3933.5	4044.0	4138.2
-30°	2453.3	2630.9	2806.9	2978.1	3140.2	3292.5	3437.2	3570.7	3688.0	3789.6	3879.0
-32.5°	2304.2	2468.2	2629.8	2787.7	2937.7	3078.3	3209.0	3335.3	3444.3	3537.2	3616.9
-35°	2150.2	2302.7	2451.2	2594.6	2731.7	2862.0	2982.7	3096.9	3202.9	3287.5	3356.8
-37.5°	1995.5	2134.5	2270.2	2400.5	2526.0	2644.1	2754.3	2854.7	2944.7	3028.1	3095.9
-40°	1841.6	1967.9	2090.4	2206.7	2320.7	2429.7	2531.7	2620.5	2700.2	2773.5	2834.6
-42.5°	1686.8	1802.2	1913.4	2020.1	2119.8	2219.8	2314.1	2398.3	2469.0	2530.7	2582.5
-45°	1534.1	1637.5	1736.8	1834.6	1925.2	2011.7	2095.5	2172.6	2234.6	2288.9	2334.4
-47.5°	1383.2	1475.4	1565.4	1650.9	1733.2	1810.4	1878.3	1940.2	2000.6	2049.8	2088.8
-50°	1237.8	1318.8	1399.4	1474.1	1548.5	1617.9	1680.7	1735.0	1783.4	1825.3	1858.3
-52.5°	1098.8	1169.6	1239.2	1306.3	1371.1	1431.3	1486.1	1532.9	1574.5	1610.1	1638.6
-55°	971.8	1030.1	1083.6	1142.6	1199.7	1251.6	1297.4	1337.5	1372.3	1401.4	1426.1
-57.5°	856.3	902.9	949.0	995.8	1040.0	1081.4	1120.1	1154.3	1183.2	1206.9	1226.8
-60°	749.4	785.3	824.8	862.5	897.1	928.8	960.3	987.5	1010.9	1030.2	1045.8
-62.5°	649.9	681.5	711.0	739.5	767.4	795.0	816.1	835.4	852.5	867.2	878.9
-65°	554.2	580.0	602.9	623.9	643.2	663.5	680.1	694.1	705.3	714.6	722.1
-67.5°	463.1	483.3	501.0	516.0	530.9	544.9	556.4	565.8	573.0	579.2	583.9
-70°	382.3	397.3	410.0	422.1	434.5	444.4	451.8	457.3	460.7	462.9	464.5
-72.5°	310.5	324.5	336.0	346.8	355.9	362.4	367.2	370.7	373.2	370.7	366.4
-75°	244.3	257.8	270.9	281.9	291.2	295.4	297.5	298.9	299.7	291.7	281.2
-77.5°	187.3	201.1	213.2	224.2	234.3	236.2	235.9	235.4	234.6	223.4	209.9
-80°	131.6	142.6	152.9	163.2	173.3	174.4	173.3	171.2	168.2	157.3	144.9
-82.5°	80.6	87.1	93.3	99.4	105.5	107.0	107.5	107.3	106.4	98.1	88.9
-85°	37.3	40.0	42.4	44.8	47.1	49.2	51.2	53.0	54.7	50.0	44.7
-87.5°	7.3	7.5	7.7	7.9	8.1	8.2	8.4	8.5	8.6	8.2	7.7
-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: P626951 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-722-U-VWR-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°	7.2	6.7	6.7	6.7	6.7	6.7	7.2	7.7	8.2	8.6	8.5
85°	39.2	33.3	31.3	29.1	31.3	33.3	39.2	44.7	50.0	54.7	53.0
82.5°	79.2	69.1	65.9	62.6	65.9	69.1	79.2	88.9	98.1	106.4	107.3
80°	131.8	118.2	112.8	107.3	112.8	118.2	131.8	144.9	157.3	168.2	171.2
77.5°	195.7	180.7	174.2	167.6	174.2	180.7	195.7	209.9	223.4	234.6	235.4
75°	270.2	258.4	251.3	243.6	251.3	258.4	270.2	281.2	291.7	299.7	298.9
72.5°	361.5	355.7	350.5	344.2	350.5	355.7	361.5	366.4	370.7	373.2	370.7
70°	465.0	464.3	465.2	464.9	465.2	464.3	465.0	464.5	462.9	460.7	457.3
67.5°	586.3	586.5	589.0	590.1	589.0	586.5	586.3	583.9	579.2	573.0	565.8
65°	726.7	728.4	727.8	724.2	727.8	728.4	726.7	722.1	714.6	705.3	694.1
62.5°	887.3	892.1	894.7	894.1	894.7	892.1	887.3	878.9	867.2	852.5	835.4
60°	1057.5	1065.0	1068.8	1068.5	1068.8	1065.0	1057.5	1045.8	1030.2	1010.9	987.5
57.5°	1241.6	1251.3	1253.6	1249.5	1253.6	1251.3	1241.6	1226.8	1206.9	1183.2	1154.3
55°	1444.7	1457.1	1461.9	1459.6	1461.9	1457.1	1444.7	1426.1	1401.4	1372.3	1337.5
52.5°	1659.5	1672.9	1677.6	1674.2	1677.6	1672.9	1659.5	1638.6	1610.1	1574.5	1532.9
50°	1882.5	1898.8	1905.3	1902.2	1905.3	1898.8	1882.5	1858.3	1825.3	1783.4	1735.0
47.5°	2119.3	2141.0	2149.4	2143.6	2149.4	2141.0	2119.3	2088.8	2049.8	2000.6	1940.2
45°	2368.5	2390.9	2399.6	2394.0	2399.6	2390.9	2368.5	2334.4	2288.9	2234.6	2172.6
42.5°	2622.1	2651.2	2663.5	2653.3	2663.5	2651.2	2622.1	2582.5	2530.7	2469.0	2398.3
40°	2880.1	2911.7	2926.3	2919.3	2926.3	2911.7	2880.1	2834.6	2773.5	2700.2	2620.5
37.5°	3144.8	3176.3	3191.8	3192.0	3191.8	3176.3	3144.8	3095.9	3028.1	2944.7	2854.7
35°	3410.5	3448.6	3470.2	3469.1	3470.2	3448.6	3410.5	3356.8	3287.5	3202.9	3096.9
32.5°	3679.9	3721.1	3743.2	3746.3	3743.2	3721.1	3679.9	3616.9	3537.2	3444.3	3335.3
30°	3948.9	3994.2	4019.7	4030.2	4019.7	3994.2	3948.9	3879.0	3789.6	3688.0	3570.7
27.5°	4209.7	4265.5	4304.0	4307.4	4304.0	4265.5	4209.7	4138.2	4044.0	3933.5	3805.6
25°	4462.3	4519.1	4558.6	4566.7	4558.6	4519.1	4462.3	4391.2	4294.3	4173.0	4036.4
22.5°	4711.3	4770.7	4807.1	4821.5	4807.1	4770.7	4711.3	4631.6	4524.4	4397.6	4252.8
20°	4948.9	5013.3	5051.9	5067.4	5051.9	5013.3	4948.9	4861.4	4743.2	4608.3	4455.0
17.5°	5163.9	5232.0	5279.7	5293.1	5279.7	5232.0	5163.9	5071.3	4947.5	4804.2	4638.8
15°	5353.2	5417.7	5463.0	5480.9	5463.0	5417.7	5353.2	5262.2	5136.7	4981.8	4798.1
12.5°	5507.2	5564.9	5600.4	5617.2	5600.4	5564.9	5507.2	5420.4	5305.0	5130.9	4938.1
10°	5627.4	5685.4	5719.3	5742.4	5719.3	5685.4	5627.4	5546.8	5417.9	5262.0	5072.5
7.5°	5731.9	5791.3	5832.7	5865.4	5832.7	5791.3	5731.9	5623.0	5508.1	5361.2	5169.9
5°	5789.6	5888.7	5903.5	5925.7	5903.5	5888.7	5789.6	5690.9	5565.5	5416.2	5229.4
2.5°	5833.6	5903.8	5946.0	5941.4	5946.0	5903.8	5833.6	5717.4	5597.4	5460.5	5279.7
0°	5865.4	5927.9	5943.6	5963.7	5943.6	5927.9	5865.4	5749.1	5623.9	5487.6	5299.8
-2.5°	5833.6	5903.8	5946.0	5941.4	5946.0	5903.8	5833.6	5717.4	5597.4	5460.5	5279.7
-5°	5789.6	5888.7	5903.5	5925.7	5903.5	5888.7	5789.6	5690.9	5565.5	5416.2	5229.4
-7.5°	5731.9	5791.3	5832.7	5865.4	5832.7	5791.3	5731.9	5623.0	5508.1	5361.2	5169.9
-10°	5627.4	5685.4	5719.3	5742.4	5719.3	5685.4	5627.4	5546.8	5417.9	5262.0	5072.5
-12.5°	5507.2	5564.9	5600.4	5617.2	5600.4	5564.9	5507.2	5420.4	5305.0	5130.9	4938.1
-15°	5353.2	5417.7	5463.0	5480.9	5463.0	5417.7	5353.2	5262.2	5136.7	4981.8	4798.1
-17.5°	5163.9	5232.0	5279.7	5293.1	5279.7	5232.0	5163.9	5071.3	4947.5	4804.2	4638.8
-20°	4948.9	5013.3	5051.9	5067.4	5051.9	5013.3	4948.9	4861.4	4743.2	4608.3	4455.0



REPORT NUMBER: P626951 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2D-722-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4711.3	4770.7	4807.1	4821.5	4807.1	4770.7	4711.3	4631.6	4524.4	4397.6	4252.8
-25°	4462.3	4519.1	4558.6	4566.7	4558.6	4519.1	4462.3	4391.2	4294.3	4173.0	4036.4
-27.5°	4209.7	4265.5	4304.0	4307.4	4304.0	4265.5	4209.7	4138.2	4044.0	3933.5	3805.6
-30°	3948.9	3994.2	4019.7	4030.2	4019.7	3994.2	3948.9	3879.0	3789.6	3688.0	3570.7
-32.5°	3679.9	3721.1	3743.2	3746.3	3743.2	3721.1	3679.9	3616.9	3537.2	3444.3	3335.3
-35°	3410.5	3448.6	3470.2	3469.1	3470.2	3448.6	3410.5	3356.8	3287.5	3202.9	3096.9
-37.5°	3144.8	3176.3	3191.8	3192.0	3191.8	3176.3	3144.8	3095.9	3028.1	2944.7	2854.7
-40°	2880.1	2911.7	2926.3	2919.3	2926.3	2911.7	2880.1	2834.6	2773.5	2700.2	2620.5
-42.5°	2622.1	2651.2	2663.5	2653.3	2663.5	2651.2	2622.1	2582.5	2530.7	2469.0	2398.3
-45°	2368.5	2390.9	2399.6	2394.0	2399.6	2390.9	2368.5	2334.4	2288.9	2234.6	2172.6
-47.5°	2119.3	2141.0	2149.4	2143.6	2149.4	2141.0	2119.3	2088.8	2049.8	2000.6	1940.2
-50°	1882.5	1898.8	1905.3	1902.2	1905.3	1898.8	1882.5	1858.3	1825.3	1783.4	1735.0
-52.5°	1659.5	1672.9	1677.6	1674.2	1677.6	1672.9	1659.5	1638.6	1610.1	1574.5	1532.9
-55°	1444.7	1457.1	1461.9	1459.6	1461.9	1457.1	1444.7	1426.1	1401.4	1372.3	1337.5
-57.5°	1241.6	1251.3	1253.6	1249.5	1253.6	1251.3	1241.6	1226.8	1206.9	1183.2	1154.3
-60°	1057.5	1065.0	1068.8	1068.5	1068.8	1065.0	1057.5	1045.8	1030.2	1010.9	987.5
-62.5°	887.3	892.1	894.7	894.1	894.7	892.1	887.3	878.9	867.2	852.5	835.4
-65°	726.7	728.4	727.8	724.2	727.8	728.4	726.7	722.1	714.6	705.3	694.1
-67.5°	586.3	586.5	589.0	590.1	589.0	586.5	586.3	583.9	579.2	573.0	565.8
-70°	465.0	464.3	465.2	464.9	465.2	464.3	465.0	464.5	462.9	460.7	457.3
-72.5°	361.5	355.7	350.5	344.2	350.5	355.7	361.5	366.4	370.7	373.2	370.7
-75°	270.2	258.4	251.3	243.6	251.3	258.4	270.2	281.2	291.7	299.7	298.9
-77.5°	195.7	180.7	174.2	167.6	174.2	180.7	195.7	209.9	223.4	234.6	235.4
-80°	131.8	118.2	112.8	107.3	112.8	118.2	131.8	144.9	157.3	168.2	171.2
-82.5°	79.2	69.1	65.9	62.6	65.9	69.1	79.2	88.9	98.1	106.4	107.3
-85°	39.2	33.3	31.3	29.1	31.3	33.3	39.2	44.7	50.0	54.7	53.0
-87.5°	7.2	6.7	6.7	6.7	6.7	6.7	7.2	7.7	8.2	8.6	8.5
-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: P626951 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-722-U-VWR-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°	8.4	8.2	8.1	7.9	7.7	7.5	7.3	7.1	6.8	6.6	6.3
85°	51.2	49.2	47.1	44.8	42.4	40.0	37.3	32.7	28.4	24.5	21.0
82.5°	107.5	107.0	105.5	99.4	93.3	87.1	80.6	71.0	61.5	52.3	44.3
80°	173.3	174.4	173.3	163.2	152.9	142.6	131.6	117.5	103.3	89.8	79.6
77.5°	235.9	236.2	234.3	224.2	213.2	201.1	187.3	170.3	153.3	136.2	123.1
75°	297.5	295.4	291.2	281.9	270.9	257.8	244.3	229.4	212.0	192.0	174.9
72.5°	367.2	362.4	355.9	346.8	336.0	324.5	310.5	294.0	275.8	255.8	237.8
70°	451.8	444.4	434.5	422.1	410.0	397.3	382.3	364.2	343.0	320.9	300.8
67.5°	556.4	544.9	530.9	516.0	501.0	483.3	463.1	441.0	419.1	394.6	367.0
65°	680.1	663.5	643.2	623.9	602.9	580.0	554.2	528.5	501.7	472.4	437.3
62.5°	816.1	795.0	767.4	739.5	711.0	681.5	649.9	618.4	586.4	551.8	512.3
60°	960.3	928.8	897.1	862.5	824.8	785.3	749.4	711.1	670.7	631.5	588.2
57.5°	1120.1	1081.4	1040.0	995.8	949.0	902.9	856.3	808.1	762.4	714.7	665.7
55°	1297.4	1251.6	1199.7	1142.6	1083.6	1030.1	971.8	913.4	858.3	800.4	746.4
52.5°	1486.1	1431.3	1371.1	1306.3	1239.2	1169.6	1098.8	1031.7	960.0	894.4	829.2
50°	1680.7	1617.9	1548.5	1474.1	1399.4	1318.8	1237.8	1157.2	1075.9	995.5	917.3
47.5°	1878.3	1810.4	1733.2	1650.9	1565.4	1475.4	1383.2	1286.2	1196.3	1103.0	1014.2
45°	2095.5	2011.7	1925.2	1834.6	1736.8	1637.5	1534.1	1427.9	1319.8	1217.2	1113.1
42.5°	2314.1	2219.8	2119.8	2020.1	1913.4	1802.2	1686.8	1569.9	1451.0	1332.7	1218.9
40°	2531.7	2429.7	2320.7	2206.7	2090.4	1967.9	1841.6	1711.4	1582.4	1452.3	1323.5
37.5°	2754.3	2644.1	2526.0	2400.5	2270.2	2134.5	1995.5	1854.7	1712.3	1572.3	1432.7
35°	2982.7	2862.0	2731.7	2594.6	2451.2	2302.7	2150.2	1995.9	1842.8	1691.4	1540.1
32.5°	3209.0	3078.3	2937.7	2787.7	2629.8	2468.2	2304.2	2137.6	1970.1	1808.3	1647.3
30°	3437.2	3292.5	3140.2	2978.1	2806.9	2630.9	2453.3	2276.8	2098.2	1920.3	1749.9
27.5°	3660.8	3502.8	3337.3	3162.1	2979.3	2790.4	2599.6	2411.2	2220.7	2031.5	1847.8
25°	3878.4	3707.8	3525.3	3338.1	3144.3	2942.9	2737.8	2538.6	2339.6	2137.2	1935.7
22.5°	4087.8	3901.1	3704.3	3504.1	3300.2	3088.6	2869.9	2655.2	2449.3	2231.9	2021.3
20°	4280.9	4080.5	3870.4	3659.4	3443.8	3227.4	2992.9	2764.6	2543.1	2319.9	2099.0
17.5°	4452.3	4248.6	4028.2	3805.9	3576.3	3348.4	3108.0	2864.1	2629.5	2398.0	2167.3
15°	4603.3	4399.8	4176.6	3942.2	3697.0	3448.2	3205.4	2952.0	2708.1	2467.1	2230.5
12.5°	4740.4	4527.4	4304.6	4056.6	3796.3	3536.7	3284.2	3029.1	2778.1	2530.4	2287.3
10°	4863.6	4632.0	4396.1	4144.9	3879.4	3611.4	3351.4	3093.9	2837.7	2584.5	2334.2
7.5°	4947.9	4709.5	4465.8	4215.4	3949.6	3677.3	3409.5	3146.0	2884.1	2627.7	2370.8
5°	5010.2	4770.7	4526.3	4272.3	4004.1	3726.5	3452.4	3183.7	2917.2	2659.3	2396.9
2.5°	5058.1	4812.6	4567.5	4307.9	4039.3	3759.8	3483.0	3212.1	2943.4	2682.4	2419.9
0°	5092.0	4828.2	4591.2	4336.4	4061.5	3779.8	3502.7	3230.0	2959.5	2693.5	2432.0
-2.5°	5058.1	4812.6	4567.5	4307.9	4039.3	3759.8	3483.0	3212.1	2943.4	2682.4	2419.9
-5°	5010.2	4770.7	4526.3	4272.3	4004.1	3726.5	3452.4	3183.7	2917.2	2659.3	2396.9
-7.5°	4947.9	4709.5	4465.8	4215.4	3949.6	3677.3	3409.5	3146.0	2884.1	2627.7	2370.8
-10°	4863.6	4632.0	4396.1	4144.9	3879.4	3611.4	3351.4	3093.9	2837.7	2584.5	2334.2
-12.5°	4740.4	4527.4	4304.6	4056.6	3796.3	3536.7	3284.2	3029.1	2778.1	2530.4	2287.3
-15°	4603.3	4399.8	4176.6	3942.2	3697.0	3448.2	3205.4	2952.0	2708.1	2467.1	2230.5
-17.5°	4452.3	4248.6	4028.2	3805.9	3576.3	3348.4	3108.0	2864.1	2629.5	2398.0	2167.3
-20°	4280.9	4080.5	3870.4	3659.4	3443.8	3227.4	2992.9	2764.6	2543.1	2319.9	2099.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626951 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-722-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4087.8	3901.1	3704.3	3504.1	3300.2	3088.6	2869.9	2655.2	2449.3	2231.9	2021.3
-25°	3878.4	3707.8	3525.3	3338.1	3144.3	2942.9	2737.8	2538.6	2339.6	2137.2	1935.7
-27.5°	3660.8	3502.8	3337.3	3162.1	2979.3	2790.4	2599.6	2411.2	2220.7	2031.5	1847.8
-30°	3437.2	3292.5	3140.2	2978.1	2806.9	2630.9	2453.3	2276.8	2098.2	1920.3	1749.9
-32.5°	3209.0	3078.3	2937.7	2787.7	2629.8	2468.2	2304.2	2137.6	1970.1	1808.3	1647.3
-35°	2982.7	2862.0	2731.7	2594.6	2451.2	2302.7	2150.2	1995.9	1842.8	1691.4	1540.1
-37.5°	2754.3	2644.1	2526.0	2400.5	2270.2	2134.5	1995.5	1854.7	1712.3	1572.3	1432.7
-40°	2531.7	2429.7	2320.7	2206.7	2090.4	1967.9	1841.6	1711.4	1582.4	1452.3	1323.5
-42.5°	2314.1	2219.8	2119.8	2020.1	1913.4	1802.2	1686.8	1569.9	1451.0	1332.7	1218.9
-45°	2095.5	2011.7	1925.2	1834.6	1736.8	1637.5	1534.1	1427.9	1319.8	1217.2	1113.1
-47.5°	1878.3	1810.4	1733.2	1650.9	1565.4	1475.4	1383.2	1286.2	1196.3	1103.0	1014.2
-50°	1680.7	1617.9	1548.5	1474.1	1399.4	1318.8	1237.8	1157.2	1075.9	995.5	917.3
-52.5°	1486.1	1431.3	1371.1	1306.3	1239.2	1169.6	1098.8	1031.7	960.0	894.4	829.2
-55°	1297.4	1251.6	1199.7	1142.6	1083.6	1030.1	971.8	913.4	858.3	800.4	746.4
-57.5°	1120.1	1081.4	1040.0	995.8	949.0	902.9	856.3	808.1	762.4	714.7	665.7
-60°	960.3	928.8	897.1	862.5	824.8	785.3	749.4	711.1	670.7	631.5	588.2
-62.5°	816.1	795.0	767.4	739.5	711.0	681.5	649.9	618.4	586.4	551.8	512.3
-65°	680.1	663.5	643.2	623.9	602.9	580.0	554.2	528.5	501.7	472.4	437.3
-67.5°	556.4	544.9	530.9	516.0	501.0	483.3	463.1	441.0	419.1	394.6	367.0
-70°	451.8	444.4	434.5	422.1	410.0	397.3	382.3	364.2	343.0	320.9	300.8
-72.5°	367.2	362.4	355.9	346.8	336.0	324.5	310.5	294.0	275.8	255.8	237.8
-75°	297.5	295.4	291.2	281.9	270.9	257.8	244.3	229.4	212.0	192.0	174.9
-77.5°	235.9	236.2	234.3	224.2	213.2	201.1	187.3	170.3	153.3	136.2	123.1
-80°	173.3	174.4	173.3	163.2	152.9	142.6	131.6	117.5	103.3	89.8	79.6
-82.5°	107.5	107.0	105.5	99.4	93.3	87.1	80.6	71.0	61.5	52.3	44.3
-85°	51.2	49.2	47.1	44.8	42.4	40.0	37.3	32.7	28.4	24.5	21.0
-87.5°	8.4	8.2	8.1	7.9	7.7	7.5	7.3	7.1	6.8	6.6	6.3
-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: P626951 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-722-U-VWR-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°	6.4	6.5	6.5	6.4	5.7	5.0	4.4	3.8	3.4	3.0	2.7
85°	21.1	20.6	19.5	17.7	13.9	10.0	8.7	7.5	6.8	6.1	5.3
82.5°	44.1	44.6	44.6	43.3	38.2	32.8	27.2	21.4	15.8	10.0	8.0
80°	79.7	78.8	77.0	73.3	65.0	55.5	48.4	41.1	33.9	26.3	18.5
77.5°	120.5	117.1	112.8	108.0	99.2	88.8	76.8	63.3	51.8	42.5	32.9
75°	166.1	160.6	154.7	146.7	135.3	122.3	109.2	93.4	75.8	59.3	47.2
72.5°	223.3	210.0	198.1	187.0	174.6	160.1	143.3	122.9	101.6	81.5	62.6
70°	281.2	261.3	243.5	228.3	213.5	198.2	179.8	154.7	126.9	103.2	81.0
67.5°	340.0	316.5	292.7	269.9	251.2	233.3	215.5	186.3	154.5	124.5	99.0
65°	404.9	373.5	343.4	315.2	289.7	267.3	246.5	215.9	181.2	147.5	116.5
62.5°	471.8	431.7	396.0	360.1	328.4	301.1	276.0	242.3	206.7	169.7	134.8
60°	542.1	496.4	448.9	407.0	368.2	333.7	303.3	268.3	230.6	191.1	152.9
57.5°	616.1	562.4	509.0	456.1	409.4	368.1	329.8	293.1	254.1	212.2	169.8
55°	691.1	633.3	570.1	510.5	453.2	404.0	357.9	316.8	276.8	232.9	184.4
52.5°	766.2	702.7	634.9	566.0	501.9	440.2	388.8	339.9	297.6	253.2	199.6
50°	844.7	772.0	699.3	624.9	550.3	482.8	418.6	366.4	317.9	272.4	214.1
47.5°	926.4	845.4	764.6	683.2	603.2	523.4	453.5	392.4	337.5	289.9	227.5
45°	1016.0	921.2	831.8	743.8	653.4	567.4	488.7	417.2	359.7	303.4	239.8
42.5°	1105.5	1001.3	901.3	803.5	705.8	611.1	522.1	446.4	380.9	316.4	251.2
40°	1200.8	1081.6	970.8	864.7	757.1	652.6	559.1	474.9	400.8	329.9	262.0
37.5°	1293.3	1164.0	1042.2	923.1	807.3	697.5	594.7	501.6	419.7	345.0	272.2
35°	1391.3	1246.7	1108.2	981.9	858.9	740.0	628.1	528.5	441.4	359.8	281.8
32.5°	1486.0	1327.6	1179.1	1039.9	908.3	780.1	662.4	557.1	462.3	374.1	290.8
30°	1579.1	1408.9	1247.0	1094.7	956.1	822.2	696.7	583.8	482.2	387.9	299.8
27.5°	1664.9	1484.1	1312.1	1151.4	1003.1	862.1	729.2	608.5	501.1	402.1	310.3
25°	1744.8	1556.5	1376.3	1205.9	1046.7	899.9	759.1	631.4	520.4	416.9	320.0
22.5°	1819.8	1623.6	1434.4	1256.2	1087.1	934.6	788.2	655.7	538.7	430.6	328.9
20°	1887.9	1684.1	1486.5	1301.7	1126.4	967.6	816.2	677.6	555.0	443.0	336.9
17.5°	1949.3	1739.4	1536.3	1344.3	1163.0	997.0	841.2	696.8	569.3	454.0	343.9
15°	2006.3	1789.7	1580.2	1381.5	1194.6	1022.6	862.8	713.4	581.6	463.6	350.7
12.5°	2055.3	1832.9	1617.5	1413.1	1221.3	1044.3	881.2	727.3	591.8	472.3	357.0
10°	2095.6	1868.5	1647.9	1438.9	1242.9	1061.9	896.1	739.0	601.4	479.8	361.8
7.5°	2127.0	1896.4	1671.4	1458.8	1260.0	1076.6	908.8	749.1	609.1	485.5	365.2
5°	2150.8	1918.2	1691.8	1475.5	1275.8	1088.6	918.0	756.4	614.7	489.5	367.2
2.5°	2172.0	1934.6	1707.8	1486.3	1286.5	1096.3	923.5	760.7	618.1	491.6	367.6
0°	2183.9	1942.5	1716.7	1490.9	1292.0	1099.8	925.4	762.2	619.2	491.8	366.6
-2.5°	2172.0	1934.6	1707.8	1486.3	1286.5	1096.3	923.5	760.7	618.1	491.6	367.6
-5°	2150.8	1918.2	1691.8	1475.5	1275.8	1088.6	918.0	756.4	614.7	489.5	367.2
-7.5°	2127.0	1896.4	1671.4	1458.8	1260.0	1076.6	908.8	749.1	609.1	485.5	365.2
-10°	2095.6	1868.5	1647.9	1438.9	1242.9	1061.9	896.1	739.0	601.4	479.8	361.8
-12.5°	2055.3	1832.9	1617.5	1413.1	1221.3	1044.3	881.2	727.3	591.8	472.3	357.0
-15°	2006.3	1789.7	1580.2	1381.5	1194.6	1022.6	862.8	713.4	581.6	463.6	350.7
-17.5°	1949.3	1739.4	1536.3	1344.3	1163.0	997.0	841.2	696.8	569.3	454.0	343.9
-20°	1887.9	1684.1	1486.5	1301.7	1126.4	967.6	816.2	677.6	555.0	443.0	336.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626951 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-722-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1819.8	1623.6	1434.4	1256.2	1087.1	934.6	788.2	655.7	538.7	430.6	328.9
-25°	1744.8	1556.5	1376.3	1205.9	1046.7	899.9	759.1	631.4	520.4	416.9	320.0
-27.5°	1664.9	1484.1	1312.1	1151.4	1003.1	862.1	729.2	608.5	501.1	402.1	310.3
-30°	1579.1	1408.9	1247.0	1094.7	956.1	822.2	696.7	583.8	482.2	387.9	299.8
-32.5°	1486.0	1327.6	1179.1	1039.9	908.3	780.1	662.4	557.1	462.3	374.1	290.8
-35°	1391.3	1246.7	1108.2	981.9	858.9	740.0	628.1	528.5	441.4	359.8	281.8
-37.5°	1293.3	1164.0	1042.2	923.1	807.3	697.5	594.7	501.6	419.7	345.0	272.2
-40°	1200.8	1081.6	970.8	864.7	757.1	652.6	559.1	474.9	400.8	329.9	262.0
-42.5°	1105.5	1001.3	901.3	803.5	705.8	611.1	522.1	446.4	380.9	316.4	251.2
-45°	1016.0	921.2	831.8	743.8	653.4	567.4	488.7	417.2	359.7	303.4	239.8
-47.5°	926.4	845.4	764.6	683.2	603.2	523.4	453.5	392.4	337.5	289.9	227.5
-50°	844.7	772.0	699.3	624.9	550.3	482.8	418.6	366.4	317.9	272.4	214.1
-52.5°	766.2	702.7	634.9	566.0	501.9	440.2	388.8	339.9	297.6	253.2	199.6
-55°	691.1	633.3	570.1	510.5	453.2	404.0	357.9	316.8	276.8	232.9	184.4
-57.5°	616.1	562.4	509.0	456.1	409.4	368.1	329.8	293.1	254.1	212.2	169.8
-60°	542.1	496.4	448.9	407.0	368.2	333.7	303.3	268.3	230.6	191.1	152.9
-62.5°	471.8	431.7	396.0	360.1	328.4	301.1	276.0	242.3	206.7	169.7	134.8
-65°	404.9	373.5	343.4	315.2	289.7	267.3	246.5	215.9	181.2	147.5	116.5
-67.5°	340.0	316.5	292.7	269.9	251.2	233.3	215.5	186.3	154.5	124.5	99.0
-70°	281.2	261.3	243.5	228.3	213.5	198.2	179.8	154.7	126.9	103.2	81.0
-72.5°	223.3	210.0	198.1	187.0	174.6	160.1	143.3	122.9	101.6	81.5	62.6
-75°	166.1	160.6	154.7	146.7	135.3	122.3	109.2	93.4	75.8	59.3	47.2
-77.5°	120.5	117.1	112.8	108.0	99.2	88.8	76.8	63.3	51.8	42.5	32.9
-80°	79.7	78.8	77.0	73.3	65.0	55.5	48.4	41.1	33.9	26.3	18.5
-82.5°	44.1	44.6	44.6	43.3	38.2	32.8	27.2	21.4	15.8	10.0	8.0
-85°	21.1	20.6	19.5	17.7	13.9	10.0	8.7	7.5	6.8	6.1	5.3
-87.5°	6.4	6.5	6.5	6.4	5.7	5.0	4.4	3.8	3.4	3.0	2.7
-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: P626951 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-722-U-VWR-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°	2.3	1.9	1.5	1.2	0.8	0.3	0.0
85°	4.6	3.8	3.1	2.3	1.5	0.7	0.0
82.5°	6.9	5.8	4.6	3.5	2.3	1.0	0.0
80°	10.4	7.7	6.2	4.6	3.1	1.4	0.0
77.5°	22.7	12.0	7.7	5.8	3.8	1.7	0.0
75°	34.6	20.9	10.0	6.9	4.6	2.0	0.0
72.5°	46.3	29.4	16.0	8.0	5.3	2.3	0.0
70°	57.9	37.7	21.7	9.6	6.0	2.6	0.0
67.5°	71.8	45.6	27.3	13.2	6.7	3.0	0.0
65°	85.1	54.5	32.6	16.6	7.3	3.3	0.0
62.5°	97.8	64.2	37.6	19.9	8.0	3.5	0.0
60°	109.7	73.4	42.3	23.0	8.6	3.8	0.0
57.5°	122.2	82.0	48.6	25.9	10.3	4.1	0.0
55°	134.1	90.0	54.6	28.6	12.0	4.4	0.0
52.5°	145.1	97.6	60.1	31.1	13.7	4.6	0.0
50°	155.2	105.7	65.3	33.4	15.2	4.8	0.0
47.5°	164.7	113.1	69.9	35.8	16.7	5.1	0.0
45°	175.2	119.8	74.1	38.9	18.2	5.3	0.0
42.5°	184.8	125.7	77.9	41.7	19.5	5.5	0.0
40°	193.6	130.9	81.6	44.6	20.8	5.7	0.0
37.5°	201.4	135.3	85.3	47.4	22.0	5.8	0.0
35°	208.3	140.4	88.5	50.1	23.1	6.0	0.0
32.5°	214.7	145.5	91.2	52.5	24.1	6.1	0.0
30°	221.3	149.9	93.3	54.7	25.0	6.3	0.0
27.5°	227.3	153.5	96.5	56.8	25.8	6.4	0.0
25°	232.5	156.4	99.5	58.6	26.6	6.5	0.0
22.5°	237.0	159.2	102.2	60.2	27.2	6.6	0.0
20°	240.8	163.2	104.4	61.5	27.8	6.6	0.0
17.5°	245.4	166.4	106.3	62.7	28.3	6.7	0.0
15°	250.2	168.9	107.9	63.7	28.7	6.7	0.0
12.5°	254.2	170.8	109.1	64.4	29.0	6.8	0.0
10°	257.1	171.9	109.9	64.9	29.2	6.8	0.0
7.5°	259.2	172.4	110.3	65.2	29.3	6.8	0.0
5°	260.2	172.2	110.4	65.3	29.3	6.8	0.0
2.5°	260.3	171.3	110.1	65.1	29.2	6.7	0.0
0°	259.3	169.9	109.5	64.8	29.1	6.7	0.0
-2.5°	260.3	171.3	110.1	65.1	29.2	6.7	0.0
-5°	260.2	172.2	110.4	65.3	29.3	6.8	0.0
-7.5°	259.2	172.4	110.3	65.2	29.3	6.8	0.0
-10°	257.1	171.9	109.9	64.9	29.2	6.8	0.0
-12.5°	254.2	170.8	109.1	64.4	29.0	6.8	0.0
-15°	250.2	168.9	107.9	63.7	28.7	6.7	0.0
-17.5°	245.4	166.4	106.3	62.7	28.3	6.7	0.0
-20°	240.8	163.2	104.4	61.5	27.8	6.6	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626951 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-722-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	237.0	159.2	102.2	60.2	27.2	6.6	0.0
-25°	232.5	156.4	99.5	58.6	26.6	6.5	0.0
-27.5°	227.3	153.5	96.5	56.8	25.8	6.4	0.0
-30°	221.3	149.9	93.3	54.7	25.0	6.3	0.0
-32.5°	214.7	145.5	91.2	52.5	24.1	6.1	0.0
-35°	208.3	140.4	88.5	50.1	23.1	6.0	0.0
-37.5°	201.4	135.3	85.3	47.4	22.0	5.8	0.0
-40°	193.6	130.9	81.6	44.6	20.8	5.7	0.0
-42.5°	184.8	125.7	77.9	41.7	19.5	5.5	0.0
-45°	175.2	119.8	74.1	38.9	18.2	5.3	0.0
-47.5°	164.7	113.1	69.9	35.8	16.7	5.1	0.0
-50°	155.2	105.7	65.3	33.4	15.2	4.8	0.0
-52.5°	145.1	97.6	60.1	31.1	13.7	4.6	0.0
-55°	134.1	90.0	54.6	28.6	12.0	4.4	0.0
-57.5°	122.2	82.0	48.6	25.9	10.3	4.1	0.0
-60°	109.7	73.4	42.3	23.0	8.6	3.8	0.0
-62.5°	97.8	64.2	37.6	19.9	8.0	3.5	0.0
-65°	85.1	54.5	32.6	16.6	7.3	3.3	0.0
-67.5°	71.8	45.6	27.3	13.2	6.7	3.0	0.0
-70°	57.9	37.7	21.7	9.6	6.0	2.6	0.0
-72.5°	46.3	29.4	16.0	8.0	5.3	2.3	0.0
-75°	34.6	20.9	10.0	6.9	4.6	2.0	0.0
-77.5°	22.7	12.0	7.7	5.8	3.8	1.7	0.0
-80°	10.4	7.7	6.2	4.6	3.1	1.4	0.0
-82.5°	6.9	5.8	4.6	3.5	2.3	1.0	0.0
-85°	4.6	3.8	3.1	2.3	1.5	0.7	0.0
-87.5°	2.3	1.9	1.5	1.2	0.8	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)