

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: P627777 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-750-U-MWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627777 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA5E-750-U-MWR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N130  
Light Source: (80) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

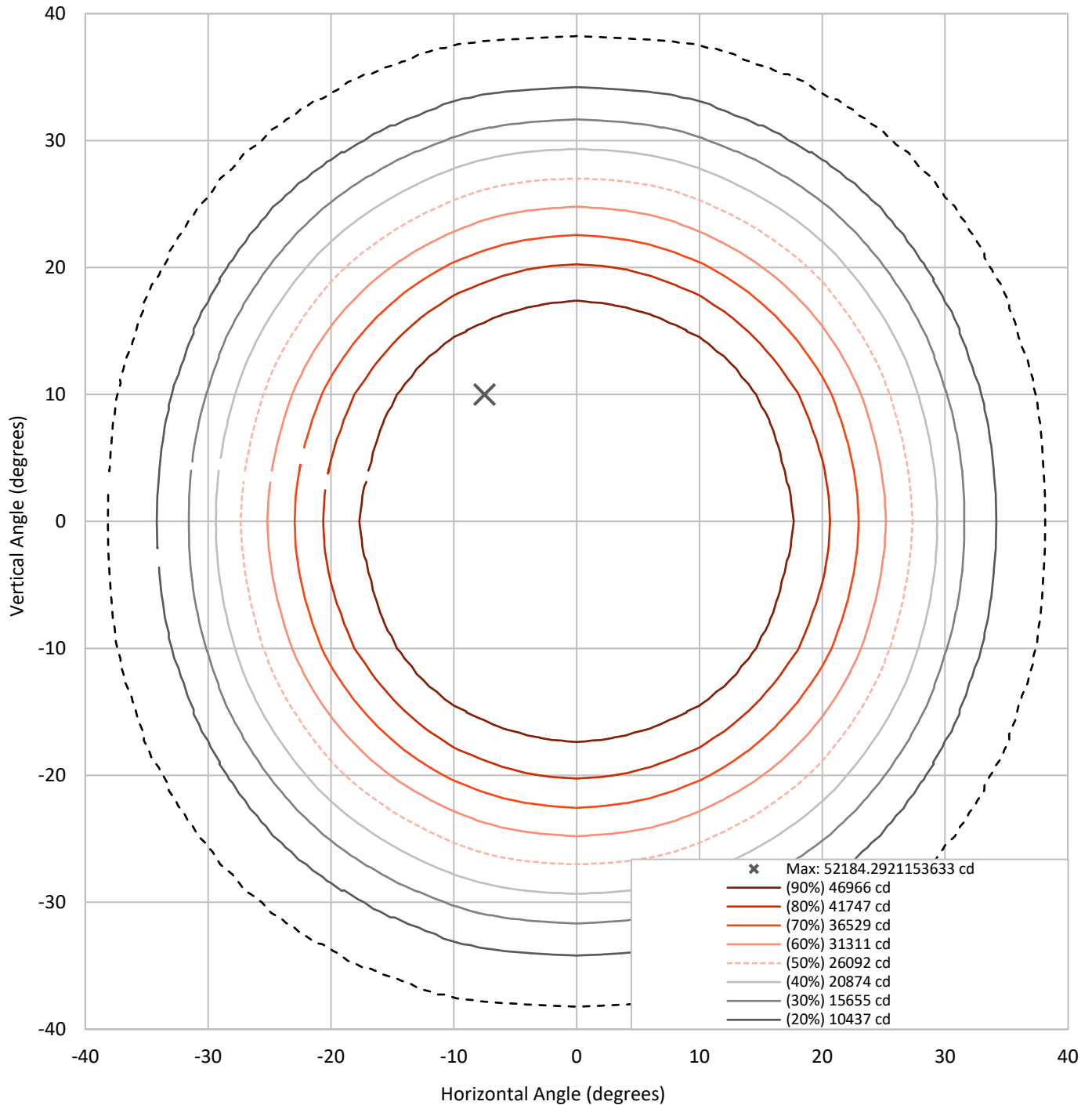
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	44413.8 lumens	Max Intensity:	52184.3 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	141.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	29479.2 lumens	Field Lumens:	38331.4 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	313.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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CATALOG NUMBER: GFLD-SA5E-750-U-MWR-XX

### Iso-Candela Plot





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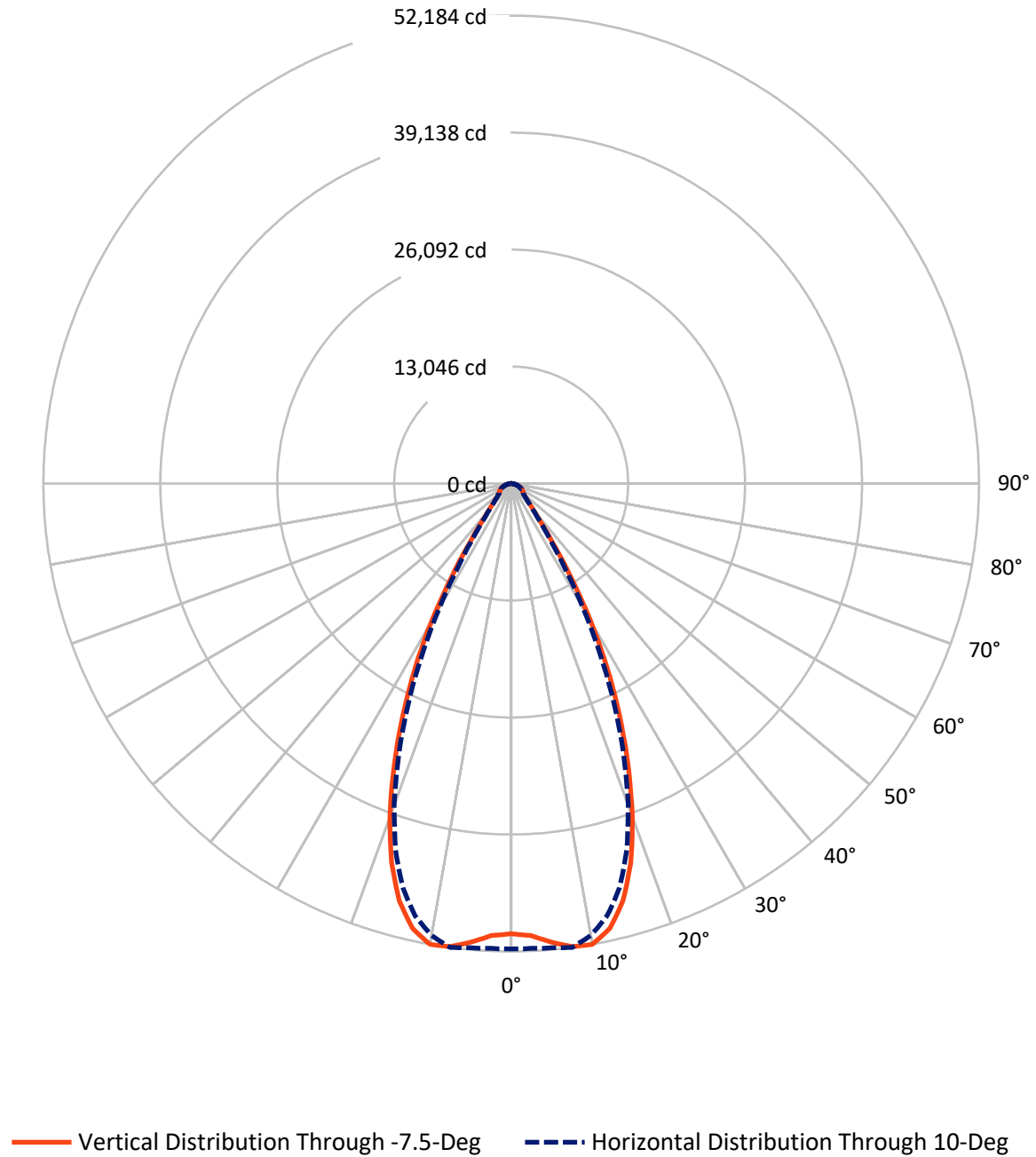
CATALOG NUMBER: GFLD-SA5E-750-U-MWR-XX

### Lumen Table

90																			
80	1.2	10.4		27.9		44.1		49.3		44.1		27.9		10.4		1.2			
70	4.7	5.4	10.9	17.8	24.9	30.2	34.1	36.1	36.1	34.1	30.2	24.9	17.8	10.9	5.4	4.7			
60		8.0	16.0	25.6	34.2	41.5	46.4	48.4	48.4	46.4	41.5	34.2	25.6	16.0	8.0				
50	8.3	10.3	20.3	31.1	41.7	54.3	68.2	78.3	78.3	68.2	54.3	41.7	31.1	20.3	10.3	8.3			
40		12.2	23.6	35.8	55.3	100.9	193.2	286.4	286.4	193.2	100.9	55.3	35.8	23.6	12.2				
30	10.8	13.7	25.7	41.7	91.0	285.1	639.7	893.2	893.2	639.7	285.1	91.0	41.7	25.7	13.7	10.8			
20		14.6	27.1	49.6	164.4	607.8	1160.7	1452.7	1452.7	1160.7	607.8	164.4	49.6	27.1	14.6				
10	11.6	15.1	27.7	55.8	236.7	831.8	1408.2	1532.1	1532.1	1408.2	831.8	236.7	55.8	27.7	15.1	11.6			
0		15.1	27.7	55.8	236.7	831.8	1408.2	1532.1	1532.1	1408.2	831.8	236.7	55.8	27.7	15.1				
-10	10.8	14.6	27.1	49.6	164.4	607.8	1160.7	1452.7	1452.7	1160.7	607.8	164.4	49.6	27.1	14.6	10.8			
-20		13.7	25.7	41.7	91.0	285.1	639.7	893.2	893.2	639.7	285.1	91.0	41.7	25.7	13.7				
-30	8.3	12.2	23.6	35.8	55.3	100.9	193.2	286.4	286.4	193.2	100.9	55.3	35.8	23.6	12.2	8.3			
-40		10.3	20.3	31.1	41.7	54.3	68.2	78.3	78.3	68.2	54.3	41.7	31.1	20.3	10.3				
-50	4.7	8.0	16.0	25.6	34.2	41.5	46.4	48.4	48.4	46.4	41.5	34.2	25.6	16.0	8.0	4.7			
-60		5.4	10.9	17.8	24.9	30.2	34.1	36.1	36.1	34.1	30.2	24.9	17.8	10.9	5.4				
-70																			
-80	1.2	10.4		27.9		44.1		49.3		44.1		27.9		10.4		1.2			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

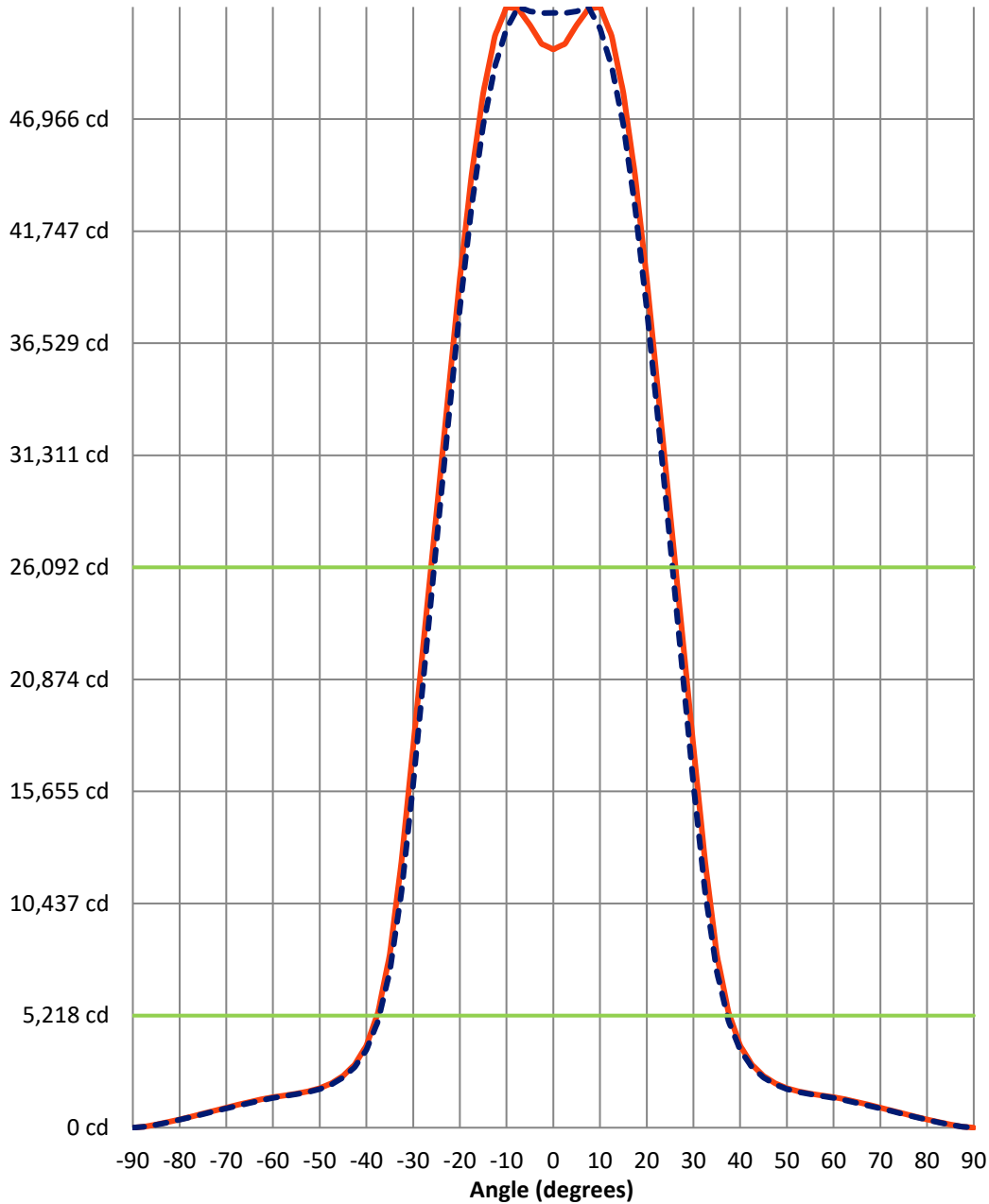
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 51°  
 V Angle: 52.3°  
 Lumens: 29479.2  
 Efficiency: 66.4%

**Field:**  
 H Angle: 74.5°  
 V Angle: 75.5°  
 Lumens: 38331.4  
 Efficiency: 86.3%

**Spill:**  
 Lumens: 6082.3  
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg  
 - - Horizontal Distribution through 10-Deg



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	2.0	4.0	6.0	7.9	9.9	11.8	14.4	17.2	20.1	23.1
85°	0.0	4.0	8.0	11.9	15.9	19.8	23.6	28.8	34.3	40.1	46.2
82.5°	0.0	6.0	11.9	17.8	23.7	29.6	35.4	43.1	52.4	66.0	78.9
80°	0.0	7.9	15.9	23.7	31.6	39.4	48.7	67.1	84.8	101.4	117.1
77.5°	0.0	9.9	19.8	29.6	39.4	53.1	74.3	96.1	117.0	136.7	157.9
75°	0.0	11.8	23.6	35.4	48.7	74.3	99.6	124.9	149.8	178.6	206.9
72.5°	0.0	13.7	27.5	41.1	65.5	95.2	124.6	155.0	189.0	222.4	255.4
70°	0.0	15.6	31.2	48.1	82.0	115.8	149.8	189.0	227.7	265.8	305.9
67.5°	0.0	17.5	34.9	60.3	98.3	136.1	178.3	222.4	265.8	310.6	356.1
65°	0.0	19.3	38.6	72.3	114.3	157.6	206.2	255.4	304.3	354.3	407.4
62.5°	0.0	21.1	42.2	84.1	130.0	180.0	233.5	287.8	341.9	398.4	462.5
60°	0.0	22.8	45.7	95.6	145.3	201.9	260.0	319.4	378.4	446.2	516.1
57.5°	0.0	24.5	53.0	106.8	162.0	223.1	286.6	350.2	418.2	492.6	566.6
55°	0.0	26.2	60.1	117.7	178.3	243.6	312.7	380.4	457.8	537.2	615.1
52.5°	0.0	27.8	67.0	128.3	194.1	263.7	338.2	413.4	496.0	579.6	662.2
50°	0.0	29.4	73.7	138.6	209.2	284.5	363.0	445.7	532.6	620.6	707.8
47.5°	0.0	30.9	80.0	148.7	223.8	304.6	387.4	476.7	567.7	660.2	751.9
45°	0.0	32.3	86.1	159.1	237.7	324.1	412.6	506.3	601.7	698.3	794.3
42.5°	0.0	33.7	91.9	169.0	250.9	342.8	436.7	534.5	633.9	734.7	834.3
40°	0.0	35.0	97.3	178.2	264.3	360.8	459.5	561.1	664.6	769.6	872.9
37.5°	0.0	36.3	102.4	186.7	278.0	378.0	481.0	586.2	694.4	803.2	909.9
35°	0.0	37.4	107.2	194.7	290.9	394.6	501.2	609.6	722.7	834.7	944.5
32.5°	0.0	38.5	111.7	202.2	303.1	410.4	520.0	631.4	749.6	863.9	974.9
30°	0.0	39.6	115.8	209.2	314.5	425.1	537.4	651.9	774.9	890.9	1003.2
27.5°	0.0	40.5	119.6	215.6	324.7	438.6	553.4	672.2	798.0	915.5	1029.4
25°	0.0	41.4	123.0	221.4	333.9	450.9	567.9	690.9	818.1	937.3	1053.4
22.5°	0.0	42.2	126.0	226.7	342.2	461.8	580.9	708.0	836.1	956.6	1075.1
20°	0.0	42.9	128.7	231.4	349.6	471.1	592.4	723.4	852.1	973.9	1094.5
17.5°	0.0	43.6	131.0	235.4	356.1	479.2	602.8	737.2	865.9	989.0	1111.5
15°	0.0	44.1	133.0	238.9	361.6	486.2	612.2	749.5	877.6	1001.9	1126.0
12.5°	0.0	44.6	134.5	241.7	366.2	491.9	620.3	760.4	888.0	1012.6	1138.1
10°	0.0	45.0	135.8	244.0	369.8	496.4	627.0	769.4	897.1	1022.7	1148.3
7.5°	0.0	45.3	136.6	245.6	372.4	499.8	632.3	776.4	904.2	1030.7	1157.3
5°	0.0	45.5	137.1	246.5	374.1	501.8	636.2	781.4	909.2	1036.5	1163.8
2.5°	0.0	45.7	137.2	246.9	374.7	502.7	638.5	784.4	912.3	1039.9	1167.7
0°	0.0	45.7	137.0	246.6	374.4	502.3	639.3	785.4	913.3	1041.1	1169.0
-2.5°	0.0	45.7	137.2	246.9	374.7	502.7	638.5	784.4	912.3	1039.9	1167.7
-5°	0.0	45.5	137.1	246.5	374.1	501.8	636.2	781.4	909.2	1036.5	1163.8
-7.5°	0.0	45.3	136.6	245.6	372.4	499.8	632.3	776.4	904.2	1030.7	1157.3
-10°	0.0	45.0	135.8	244.0	369.8	496.4	627.0	769.4	897.1	1022.7	1148.3
-12.5°	0.0	44.6	134.5	241.7	366.2	491.9	620.3	760.4	888.0	1012.6	1138.1
-15°	0.0	44.1	133.0	238.9	361.6	486.2	612.2	749.5	877.6	1001.9	1126.0
-17.5°	0.0	43.6	131.0	235.4	356.1	479.2	602.8	737.2	865.9	989.0	1111.5
-20°	0.0	42.9	128.7	231.4	349.6	471.1	592.4	723.4	852.1	973.9	1094.5

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA5E-750-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	42.2	126.0	226.7	342.2	461.8	580.9	708.0	836.1	956.6	1075.1
-25°	0.0	41.4	123.0	221.4	333.9	450.9	567.9	690.9	818.1	937.3	1053.4
-27.5°	0.0	40.5	119.6	215.6	324.7	438.6	553.4	672.2	798.0	915.5	1029.4
-30°	0.0	39.6	115.8	209.2	314.5	425.1	537.4	651.9	774.9	890.9	1003.2
-32.5°	0.0	38.5	111.7	202.2	303.1	410.4	520.0	631.4	749.6	863.9	974.9
-35°	0.0	37.4	107.2	194.7	290.9	394.6	501.2	609.6	722.7	834.7	944.5
-37.5°	0.0	36.3	102.4	186.7	278.0	378.0	481.0	586.2	694.4	803.2	909.9
-40°	0.0	35.0	97.3	178.2	264.3	360.8	459.5	561.1	664.6	769.6	872.9
-42.5°	0.0	33.7	91.9	169.0	250.9	342.8	436.7	534.5	633.9	734.7	834.3
-45°	0.0	32.3	86.1	159.1	237.7	324.1	412.6	506.3	601.7	698.3	794.3
-47.5°	0.0	30.9	80.0	148.7	223.8	304.6	387.4	476.7	567.7	660.2	751.9
-50°	0.0	29.4	73.7	138.6	209.2	284.5	363.0	445.7	532.6	620.6	707.8
-52.5°	0.0	27.8	67.0	128.3	194.1	263.7	338.2	413.4	496.0	579.6	662.2
-55°	0.0	26.2	60.1	117.7	178.3	243.6	312.7	380.4	457.8	537.2	615.1
-57.5°	0.0	24.5	53.0	106.8	162.0	223.1	286.6	350.2	418.2	492.6	566.6
-60°	0.0	22.8	45.7	95.6	145.3	201.9	260.0	319.4	378.4	446.2	516.1
-62.5°	0.0	21.1	42.2	84.1	130.0	180.0	233.5	287.8	341.9	398.4	462.5
-65°	0.0	19.3	38.6	72.3	114.3	157.6	206.2	255.4	304.3	354.3	407.4
-67.5°	0.0	17.5	34.9	60.3	98.3	136.1	178.3	222.4	265.8	310.6	356.1
-70°	0.0	15.6	31.2	48.1	82.0	115.8	149.8	189.0	227.7	265.8	305.9
-72.5°	0.0	13.7	27.5	41.1	65.5	95.2	124.6	155.0	189.0	222.4	255.4
-75°	0.0	11.8	23.6	35.4	48.7	74.3	99.6	124.9	149.8	178.6	206.9
-77.5°	0.0	9.9	19.8	29.6	39.4	53.1	74.3	96.1	117.0	136.7	157.9
-80°	0.0	7.9	15.9	23.7	31.6	39.4	48.7	67.1	84.8	101.4	117.1
-82.5°	0.0	6.0	11.9	17.8	23.7	29.6	35.4	43.1	52.4	66.0	78.9
-85°	0.0	4.0	8.0	11.9	15.9	19.8	23.6	28.8	34.3	40.1	46.2
-87.5°	0.0	2.0	4.0	6.0	7.9	9.9	11.8	14.4	17.2	20.1	23.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	-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°	25.3	27.4	29.4	31.4	33.4	35.2	37.0	38.7	40.4	42.0	43.5
85°	50.6	54.7	62.0	69.5	76.6	83.4	90.0	96.3	102.4	108.2	113.7
82.5°	90.5	102.3	114.4	126.7	137.5	147.8	157.9	168.3	178.6	188.9	199.2
80°	133.1	149.6	168.5	186.4	202.1	217.0	231.4	245.2	260.3	276.4	292.7
77.5°	182.3	205.8	227.9	248.6	268.4	290.2	311.3	331.5	352.5	373.3	393.2
75°	235.0	261.8	290.1	317.9	344.9	371.0	396.6	422.6	448.9	475.0	500.0
72.5°	289.4	323.5	356.8	389.2	422.7	455.4	487.0	517.5	548.8	580.8	611.4
70°	346.0	384.8	425.9	465.5	503.3	541.4	579.9	617.1	653.4	690.5	727.3
67.5°	403.0	451.8	498.0	542.0	586.5	631.4	674.8	719.3	762.2	805.5	846.7
65°	465.8	519.1	569.6	619.9	670.5	723.2	774.6	824.1	874.0	922.2	965.6
62.5°	527.4	584.0	640.0	697.2	757.4	816.6	872.7	929.6	987.5	1038.0	1081.9
60°	584.0	646.9	709.5	774.7	841.2	904.9	967.8	1029.6	1091.9	1150.0	1185.8
57.5°	638.6	708.2	777.6	847.8	917.9	989.0	1055.0	1123.0	1180.9	1229.9	1271.4
55°	691.9	767.5	841.3	915.0	990.7	1065.0	1136.9	1201.4	1258.0	1298.8	1339.0
52.5°	743.8	823.4	899.7	979.4	1059.8	1138.6	1213.7	1273.6	1320.0	1361.7	1399.2
50°	794.0	875.0	955.6	1042.0	1126.9	1210.3	1280.9	1333.3	1380.5	1421.1	1460.4
47.5°	841.1	925.6	1011.7	1102.5	1191.9	1272.4	1337.3	1392.2	1440.4	1484.3	1530.8
45°	886.4	976.0	1067.0	1160.8	1252.0	1329.9	1392.5	1451.6	1496.8	1546.3	1599.5
42.5°	930.4	1024.5	1119.9	1216.7	1309.0	1381.7	1444.2	1498.5	1551.5	1610.1	1674.4
40°	972.2	1070.3	1169.8	1270.5	1362.6	1427.1	1488.3	1545.8	1610.1	1679.8	1754.4
37.5°	1011.5	1113.3	1216.5	1321.2	1402.0	1468.5	1531.2	1595.2	1670.0	1750.9	1852.0
35°	1048.1	1153.3	1260.1	1360.6	1437.4	1507.9	1572.7	1644.1	1731.6	1837.2	1966.7
32.5°	1082.1	1190.3	1300.2	1392.5	1470.0	1543.2	1609.8	1698.9	1804.0	1929.6	2113.1
30°	1113.4	1224.2	1334.5	1423.8	1499.4	1572.8	1654.0	1754.3	1877.2	2060.7	2295.5
27.5°	1142.5	1255.0	1361.4	1449.8	1525.6	1601.3	1696.2	1817.9	1979.8	2198.7	2490.6
25°	1169.1	1284.4	1387.2	1471.6	1550.0	1633.9	1737.1	1873.9	2086.7	2369.4	2763.8
22.5°	1193.3	1311.0	1411.9	1490.5	1572.7	1663.8	1784.1	1955.2	2200.5	2530.6	3039.4
20°	1214.9	1331.1	1430.4	1508.3	1593.8	1688.4	1826.0	2032.3	2328.2	2755.7	3405.1
17.5°	1233.8	1348.7	1444.3	1525.4	1614.3	1716.4	1866.7	2099.1	2441.5	2952.0	3774.8
15°	1250.0	1363.7	1456.0	1540.0	1632.2	1748.4	1923.4	2186.4	2573.3	3156.2	4096.9
12.5°	1263.4	1376.0	1465.5	1552.0	1646.9	1775.1	1972.0	2268.8	2710.1	3407.1	4571.7
10°	1274.0	1385.8	1472.8	1561.3	1658.4	1796.6	2011.4	2336.1	2823.4	3624.4	4976.7
7.5°	1283.8	1392.9	1477.9	1567.8	1666.6	1812.5	2041.4	2388.0	2910.3	3795.0	5297.3
5°	1291.0	1397.2	1480.7	1571.6	1673.5	1823.0	2061.7	2424.1	2970.3	3917.0	5522.8
2.5°	1295.3	1398.6	1481.3	1572.6	1678.6	1827.6	2072.3	2443.9	3017.5	3974.7	5643.9
0°	1296.8	1397.3	1479.5	1570.8	1680.4	1826.5	2073.1	2447.5	3041.2	3972.7	5662.2
-2.5°	1295.3	1398.6	1481.3	1572.6	1678.6	1827.6	2072.3	2443.9	3017.5	3974.7	5643.9
-5°	1291.0	1397.2	1480.7	1571.6	1673.5	1823.0	2061.7	2424.1	2970.3	3917.0	5522.8
-7.5°	1283.8	1392.9	1477.9	1567.8	1666.6	1812.5	2041.4	2388.0	2910.3	3795.0	5297.3
-10°	1274.0	1385.8	1472.8	1561.3	1658.4	1796.6	2011.4	2336.1	2823.4	3624.4	4976.7
-12.5°	1263.4	1376.0	1465.5	1552.0	1646.9	1775.1	1972.0	2268.8	2710.1	3407.1	4571.7
-15°	1250.0	1363.7	1456.0	1540.0	1632.2	1748.4	1923.4	2186.4	2573.3	3156.2	4096.9
-17.5°	1233.8	1348.7	1444.3	1525.4	1614.3	1716.4	1866.7	2099.1	2441.5	2952.0	3774.8
-20°	1214.9	1331.1	1430.4	1508.3	1593.8	1688.4	1826.0	2032.3	2328.2	2755.7	3405.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627777 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1193.3	1311.0	1411.9	1490.5	1572.7	1663.8	1784.1	1955.2	2200.5	2530.6	3039.4
-25°	1169.1	1284.4	1387.2	1471.6	1550.0	1633.9	1737.1	1873.9	2086.7	2369.4	2763.8
-27.5°	1142.5	1255.0	1361.4	1449.8	1525.6	1601.3	1696.2	1817.9	1979.8	2198.7	2490.6
-30°	1113.4	1224.2	1334.5	1423.8	1499.4	1572.8	1654.0	1754.3	1877.2	2060.7	2295.5
-32.5°	1082.1	1190.3	1300.2	1392.5	1470.0	1543.2	1609.8	1698.9	1804.0	1929.6	2113.1
-35°	1048.1	1153.3	1260.1	1360.6	1437.4	1507.9	1572.7	1644.1	1731.6	1837.2	1966.7
-37.5°	1011.5	1113.3	1216.5	1321.2	1402.0	1468.5	1531.2	1595.2	1670.0	1750.9	1852.0
-40°	972.2	1070.3	1169.8	1270.5	1362.6	1427.1	1488.3	1545.8	1610.1	1679.8	1754.4
-42.5°	930.4	1024.5	1119.9	1216.7	1309.0	1381.7	1444.2	1498.5	1551.5	1610.1	1674.4
-45°	886.4	976.0	1067.0	1160.8	1252.0	1329.9	1392.5	1451.6	1496.8	1546.3	1599.5
-47.5°	841.1	925.6	1011.7	1102.5	1191.9	1272.4	1337.3	1392.2	1440.4	1484.3	1530.8
-50°	794.0	875.0	955.6	1042.0	1126.9	1210.3	1280.9	1333.3	1380.5	1421.1	1460.4
-52.5°	743.8	823.4	899.7	979.4	1059.8	1138.6	1213.7	1273.6	1320.0	1361.7	1399.2
-55°	691.9	767.5	841.3	915.0	990.7	1065.0	1136.9	1201.4	1258.0	1298.8	1339.0
-57.5°	638.6	708.2	777.6	847.8	917.9	989.0	1055.0	1123.0	1180.9	1229.9	1271.4
-60°	584.0	646.9	709.5	774.7	841.2	904.9	967.8	1029.6	1091.9	1150.0	1185.8
-62.5°	527.4	584.0	640.0	697.2	757.4	816.6	872.7	929.6	987.5	1038.0	1081.9
-65°	465.8	519.1	569.6	619.9	670.5	723.2	774.6	824.1	874.0	922.2	965.6
-67.5°	403.0	451.8	498.0	542.0	586.5	631.4	674.8	719.3	762.2	805.5	846.7
-70°	346.0	384.8	425.9	465.5	503.3	541.4	579.9	617.1	653.4	690.5	727.3
-72.5°	289.4	323.5	356.8	389.2	422.7	455.4	487.0	517.5	548.8	580.8	611.4
-75°	235.0	261.8	290.1	317.9	344.9	371.0	396.6	422.6	448.9	475.0	500.0
-77.5°	182.3	205.8	227.9	248.6	268.4	290.2	311.3	331.5	352.5	373.3	393.2
-80°	133.1	149.6	168.5	186.4	202.1	217.0	231.4	245.2	260.3	276.4	292.7
-82.5°	90.5	102.3	114.4	126.7	137.5	147.8	157.9	168.3	178.6	188.9	199.2
-85°	50.6	54.7	62.0	69.5	76.6	83.4	90.0	96.3	102.4	108.2	113.7
-87.5°	25.3	27.4	29.4	31.4	33.4	35.2	37.0	38.7	40.4	42.0	43.5
-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: P627777 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-U-MWR-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°	44.9	44.3	43.5	42.6	41.4	44.3	47.2	50.1	52.9	51.3	49.5
85°	118.9	121.6	123.8	125.7	127.3	133.0	138.5	143.6	148.4	148.3	147.7
82.5°	209.2	215.9	221.7	226.9	231.4	238.0	244.0	249.2	253.5	256.8	259.6
80°	308.3	319.2	328.5	337.0	344.7	353.4	361.6	368.8	375.1	378.5	380.7
77.5°	412.8	428.8	443.1	456.7	469.6	482.4	494.1	504.5	513.5	515.7	515.2
75°	523.7	545.1	565.2	583.9	601.1	615.9	628.4	638.9	647.5	651.8	654.1
72.5°	640.5	666.9	690.5	711.9	730.2	745.4	758.6	770.1	779.8	785.9	789.5
70°	762.3	793.5	817.8	837.9	853.5	868.7	885.7	901.9	917.1	925.6	928.9
67.5°	884.4	916.7	939.0	957.3	971.7	986.6	1008.0	1027.3	1044.5	1056.1	1063.5
65°	1003.9	1037.9	1060.3	1077.9	1091.1	1106.1	1130.0	1149.1	1163.7	1175.2	1185.7
62.5°	1122.0	1156.3	1181.2	1202.1	1221.3	1237.7	1257.4	1273.4	1285.9	1297.3	1310.3
60°	1224.3	1265.1	1291.2	1312.3	1336.1	1361.8	1376.2	1388.3	1398.8	1408.0	1415.9
57.5°	1307.9	1344.3	1377.8	1403.2	1427.9	1451.7	1468.9	1480.1	1489.3	1496.2	1498.9
55°	1377.9	1415.4	1452.8	1480.3	1504.6	1527.0	1545.7	1560.4	1572.6	1582.2	1584.5
52.5°	1440.6	1482.7	1519.5	1551.2	1583.3	1609.6	1630.2	1650.2	1667.7	1681.8	1687.9
50°	1508.7	1552.9	1598.7	1641.2	1675.4	1705.4	1730.4	1758.7	1788.6	1813.2	1828.8
47.5°	1580.5	1631.3	1686.7	1739.0	1779.5	1824.0	1865.5	1907.6	1963.0	2009.5	2044.1
45°	1655.4	1720.8	1783.9	1850.4	1906.5	1990.4	2068.2	2135.2	2224.0	2304.6	2368.7
42.5°	1744.0	1825.4	1902.9	2009.4	2120.9	2235.5	2359.3	2464.9	2603.9	2745.3	2859.5
40°	1849.0	1952.9	2089.5	2232.5	2408.5	2566.1	2779.8	2970.3	3183.5	3453.1	3675.8
37.5°	1975.3	2135.3	2325.5	2524.8	2799.2	3061.3	3414.7	3787.0	4124.8	4643.4	5079.7
35°	2139.4	2363.1	2613.5	2966.2	3354.6	3845.9	4397.0	5116.2	5732.9	6607.7	7443.6
32.5°	2350.8	2638.5	3047.3	3591.7	4165.8	5057.8	5932.3	7181.1	8337.3	9723.8	11220.2
30°	2586.1	3023.9	3648.4	4395.2	5466.1	6778.4	8320.0	10237.9	12336.7	14285.5	16205.9
27.5°	2927.1	3554.4	4374.8	5579.8	7248.9	9084.8	11786.0	14389.3	17105.5	19519.9	21533.5
25°	3325.2	4154.1	5422.8	7197.2	9454.4	12598.2	15831.6	19044.7	21965.7	24493.4	26718.3
22.5°	3839.2	5031.4	6722.7	9021.1	12536.0	16304.0	20095.6	23639.7	26755.6	29570.3	31978.7
20°	4398.4	5890.3	8305.5	11732.8	15752.3	20045.1	24326.4	28101.6	31532.4	34723.9	37438.3
17.5°	5107.2	7196.4	10254.9	14366.4	19013.6	23717.0	28214.6	32311.4	36203.8	39580.9	42417.1
15°	5711.1	8346.6	12338.4	17160.4	22187.0	27148.4	31896.8	36346.8	40393.6	43858.6	46524.8
12.5°	6516.7	9635.8	14188.3	19562.4	25009.4	30229.9	35231.5	39830.8	43949.2	47376.0	49451.6
10°	7278.3	10970.5	15976.3	21580.6	27239.7	32802.0	38142.2	42859.4	46683.0	49409.0	51177.8
7.5°	7925.7	12117.5	17430.6	23212.0	29011.7	34827.0	40232.8	44822.4	48348.0	50624.6	51855.9
5°	8409.2	12975.0	18510.2	24537.6	30488.9	36406.4	41770.0	46078.5	49125.6	50816.8	51435.1
2.5°	8717.3	13478.6	19136.7	25407.3	31477.6	37405.7	42824.4	47065.3	49650.6	50771.6	50878.1
0°	8840.4	13543.7	19233.3	25863.6	31726.8	37690.4	43124.3	47471.4	49845.9	50768.3	50750.0
-2.5°	8717.3	13478.6	19136.7	25407.3	31477.6	37405.7	42824.4	47065.3	49650.6	50771.6	50878.1
-5°	8409.2	12975.0	18510.2	24537.6	30488.9	36406.4	41770.0	46078.5	49125.6	50816.8	51435.1
-7.5°	7925.7	12117.5	17430.6	23212.0	29011.7	34827.0	40232.8	44822.4	48348.0	50624.6	51855.9
-10°	7278.3	10970.5	15976.3	21580.6	27239.7	32802.0	38142.2	42859.4	46683.0	49409.0	51177.8
-12.5°	6516.7	9635.8	14188.3	19562.4	25009.4	30229.9	35231.5	39830.8	43949.2	47376.0	49451.6
-15°	5711.1	8346.6	12338.4	17160.4	22187.0	27148.4	31896.8	36346.8	40393.6	43858.6	46524.8
-17.5°	5107.2	7196.4	10254.9	14366.4	19013.6	23717.0	28214.6	32311.4	36203.8	39580.9	42417.1
-20°	4398.4	5890.3	8305.5	11732.8	15752.3	20045.1	24326.4	28101.6	31532.4	34723.9	37438.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627777 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3839.2	5031.4	6722.7	9021.1	12536.0	16304.0	20095.6	23639.7	26755.6	29570.3	31978.7
-25°	3325.2	4154.1	5422.8	7197.2	9454.4	12598.2	15831.6	19044.7	21965.7	24493.4	26718.3
-27.5°	2927.1	3554.4	4374.8	5579.8	7248.9	9084.8	11786.0	14389.3	17105.5	19519.9	21533.5
-30°	2586.1	3023.9	3648.4	4395.2	5466.1	6778.4	8320.0	10237.9	12336.7	14285.5	16205.9
-32.5°	2350.8	2638.5	3047.3	3591.7	4165.8	5057.8	5932.3	7181.1	8337.3	9723.8	11220.2
-35°	2139.4	2363.1	2613.5	2966.2	3354.6	3845.9	4397.0	5116.2	5732.9	6607.7	7443.6
-37.5°	1975.3	2135.3	2325.5	2524.8	2799.2	3061.3	3414.7	3787.0	4124.8	4643.4	5079.7
-40°	1849.0	1952.9	2089.5	2232.5	2408.5	2566.1	2779.8	2970.3	3183.5	3453.1	3675.8
-42.5°	1744.0	1825.4	1902.9	2009.4	2120.9	2235.5	2359.3	2464.9	2603.9	2745.3	2859.5
-45°	1655.4	1720.8	1783.9	1850.4	1906.5	1990.4	2068.2	2135.2	2224.0	2304.6	2368.7
-47.5°	1580.5	1631.3	1686.7	1739.0	1779.5	1824.0	1865.5	1907.6	1963.0	2009.5	2044.1
-50°	1508.7	1552.9	1598.7	1641.2	1675.4	1705.4	1730.4	1758.7	1788.6	1813.2	1828.8
-52.5°	1440.6	1482.7	1519.5	1551.2	1583.3	1609.6	1630.2	1650.2	1667.7	1681.8	1687.9
-55°	1377.9	1415.4	1452.8	1480.3	1504.6	1527.0	1545.7	1560.4	1572.6	1582.2	1584.5
-57.5°	1307.9	1344.3	1377.8	1403.2	1427.9	1451.7	1468.9	1480.1	1489.3	1496.2	1498.9
-60°	1224.3	1265.1	1291.2	1312.3	1336.1	1361.8	1376.2	1388.3	1398.8	1408.0	1415.9
-62.5°	1122.0	1156.3	1181.2	1202.1	1221.3	1237.7	1257.4	1273.4	1285.9	1297.3	1310.3
-65°	1003.9	1037.9	1060.3	1077.9	1091.1	1106.1	1130.0	1149.1	1163.7	1175.2	1185.7
-67.5°	884.4	916.7	939.0	957.3	971.7	986.6	1008.0	1027.3	1044.5	1056.1	1063.5
-70°	762.3	793.5	817.8	837.9	853.5	868.7	885.7	901.9	917.1	925.6	928.9
-72.5°	640.5	666.9	690.5	711.9	730.2	745.4	758.6	770.1	779.8	785.9	789.5
-75°	523.7	545.1	565.2	583.9	601.1	615.9	628.4	638.9	647.5	651.8	654.1
-77.5°	412.8	428.8	443.1	456.7	469.6	482.4	494.1	504.5	513.5	515.7	515.2
-80°	308.3	319.2	328.5	337.0	344.7	353.4	361.6	368.8	375.1	378.5	380.7
-82.5°	209.2	215.9	221.7	226.9	231.4	238.0	244.0	249.2	253.5	256.8	259.6
-85°	118.9	121.6	123.8	125.7	127.3	133.0	138.5	143.6	148.4	148.3	147.7
-87.5°	44.9	44.3	43.5	42.6	41.4	44.3	47.2	50.1	52.9	51.3	49.5
-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: P627777 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-U-MWR-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°	47.6	45.5	45.7	45.7	45.7	45.5	47.6	49.5	51.3	52.9	50.1
85°	146.7	145.4	141.4	137.0	141.4	145.4	146.7	147.7	148.3	148.4	143.6
82.5°	261.8	263.4	259.9	255.7	259.9	263.4	261.8	259.6	256.8	253.5	249.2
80°	381.8	381.8	378.6	374.4	378.6	381.8	381.8	380.7	378.5	375.1	368.8
77.5°	513.0	509.3	510.8	511.4	510.8	509.3	513.0	515.2	515.7	513.5	504.5
75°	655.0	654.4	652.3	648.4	652.3	654.4	655.0	654.1	651.8	647.5	638.9
72.5°	791.3	791.2	789.2	785.4	789.2	791.2	791.3	789.5	785.9	779.8	770.1
70°	929.7	928.0	930.4	931.5	930.4	928.0	929.7	928.9	925.6	917.1	901.9
67.5°	1069.1	1072.8	1072.2	1068.5	1072.2	1072.8	1069.1	1063.5	1056.1	1044.5	1027.3
65°	1194.1	1200.3	1204.2	1205.5	1204.2	1200.3	1194.1	1185.7	1175.2	1163.7	1149.1
62.5°	1320.4	1327.6	1328.0	1324.2	1328.0	1327.6	1320.4	1310.3	1297.3	1285.9	1273.4
60°	1420.3	1421.4	1419.7	1415.6	1419.7	1421.4	1420.3	1415.9	1408.0	1398.8	1388.3
57.5°	1498.8	1496.2	1493.0	1488.6	1493.0	1496.2	1498.8	1498.9	1496.2	1489.3	1480.1
55°	1583.2	1578.8	1575.1	1570.8	1575.1	1578.8	1583.2	1584.5	1582.2	1572.6	1560.4
52.5°	1689.2	1686.9	1684.3	1680.4	1684.3	1686.9	1689.2	1687.9	1681.8	1667.7	1650.2
50°	1836.7	1839.0	1838.8	1835.7	1838.8	1839.0	1836.7	1828.8	1813.2	1788.6	1758.7
47.5°	2066.0	2078.2	2086.4	2091.4	2086.4	2078.2	2066.0	2044.1	2009.5	1963.0	1907.6
45°	2409.7	2434.1	2451.3	2465.8	2451.3	2434.1	2409.7	2368.7	2304.6	2224.0	2135.2
42.5°	2939.9	2994.6	3020.4	3013.8	3020.4	2994.6	2939.9	2859.5	2745.3	2603.9	2464.9
40°	3824.2	3912.4	3961.2	4000.1	3961.2	3912.4	3824.2	3675.8	3453.1	3183.5	2970.3
37.5°	5377.6	5548.6	5638.7	5717.0	5638.7	5548.6	5377.6	5079.7	4643.4	4124.8	3787.0
35°	8068.2	8453.1	8659.1	8730.8	8659.1	8453.1	8068.2	7443.6	6607.7	5732.9	5116.2
32.5°	12384.6	13094.5	13487.0	13790.3	13487.0	13094.5	12384.6	11220.2	9723.8	8337.3	7181.1
30°	17726.5	18661.5	19180.7	19434.2	19180.7	18661.5	17726.5	16205.9	14285.5	12336.7	10237.9
27.5°	23202.6	24265.5	24825.3	24795.1	24825.3	24265.5	23202.6	21533.5	19519.9	17105.5	14389.3
25°	28625.7	29856.8	30414.7	30914.0	30414.7	29856.8	28625.7	26718.3	24493.4	21965.7	19044.7
22.5°	34110.6	35550.2	36335.7	36704.0	36335.7	35550.2	34110.6	31978.7	29570.3	26755.6	23639.7
20°	39530.2	41132.7	41966.7	42329.7	41966.7	41132.7	39530.2	37438.3	34723.9	31532.4	28101.6
17.5°	44336.9	45901.3	46696.1	47033.1	46696.1	45901.3	44336.9	42417.1	39580.9	36203.8	32311.4
15°	48174.9	49328.9	50004.8	50183.8	50004.8	49328.9	48174.9	46524.8	43858.6	40393.6	36346.8
12.5°	50828.0	51274.9	51600.0	51699.8	51600.0	51274.9	50828.0	49451.6	47376.0	43949.2	39830.8
10°	52184.3	51982.6	51899.3	51909.9	51899.3	51982.6	52184.3	51177.8	49409.0	46683.0	42859.4
7.5°	52091.0	51792.4	51192.5	51097.1	51192.5	51792.4	52091.0	51855.9	50624.6	48348.0	44822.4
5°	51342.6	50798.8	49803.3	49517.1	49803.3	50798.8	51342.6	51435.1	50816.8	49125.6	46078.5
2.5°	50470.3	49490.1	48573.0	47982.8	48573.0	49490.1	50470.3	50878.1	50771.6	49650.6	47065.3
0°	50211.2	49078.8	47891.5	47507.9	47891.5	49078.8	50211.2	50750.0	50768.3	49845.9	47471.4
-2.5°	50470.3	49490.1	48573.0	47982.8	48573.0	49490.1	50470.3	50878.1	50771.6	49650.6	47065.3
-5°	51342.6	50798.8	49803.3	49517.1	49803.3	50798.8	51342.6	51435.1	50816.8	49125.6	46078.5
-7.5°	52091.0	51792.4	51192.5	51097.1	51192.5	51792.4	52091.0	51855.9	50624.6	48348.0	44822.4
-10°	52184.3	51982.6	51899.3	51909.9	51899.3	51982.6	52184.3	51177.8	49409.0	46683.0	42859.4
-12.5°	50828.0	51274.9	51600.0	51699.8	51600.0	51274.9	50828.0	49451.6	47376.0	43949.2	39830.8
-15°	48174.9	49328.9	50004.8	50183.8	50004.8	49328.9	48174.9	46524.8	43858.6	40393.6	36346.8
-17.5°	44336.9	45901.3	46696.1	47033.1	46696.1	45901.3	44336.9	42417.1	39580.9	36203.8	32311.4
-20°	39530.2	41132.7	41966.7	42329.7	41966.7	41132.7	39530.2	37438.3	34723.9	31532.4	28101.6



REPORT NUMBER: P627777 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	34110.6	35550.2	36335.7	36704.0	36335.7	35550.2	34110.6	31978.7	29570.3	26755.6	23639.7
-25°	28625.7	29856.8	30414.7	30914.0	30414.7	29856.8	28625.7	26718.3	24493.4	21965.7	19044.7
-27.5°	23202.6	24265.5	24825.3	24795.1	24825.3	24265.5	23202.6	21533.5	19519.9	17105.5	14389.3
-30°	17726.5	18661.5	19180.7	19434.2	19180.7	18661.5	17726.5	16205.9	14285.5	12336.7	10237.9
-32.5°	12384.6	13094.5	13487.0	13790.3	13487.0	13094.5	12384.6	11220.2	9723.8	8337.3	7181.1
-35°	8068.2	8453.1	8659.1	8730.8	8659.1	8453.1	8068.2	7443.6	6607.7	5732.9	5116.2
-37.5°	5377.6	5548.6	5638.7	5717.0	5638.7	5548.6	5377.6	5079.7	4643.4	4124.8	3787.0
-40°	3824.2	3912.4	3961.2	4000.1	3961.2	3912.4	3824.2	3675.8	3453.1	3183.5	2970.3
-42.5°	2939.9	2994.6	3020.4	3013.8	3020.4	2994.6	2939.9	2859.5	2745.3	2603.9	2464.9
-45°	2409.7	2434.1	2451.3	2465.8	2451.3	2434.1	2409.7	2368.7	2304.6	2224.0	2135.2
-47.5°	2066.0	2078.2	2086.4	2091.4	2086.4	2078.2	2066.0	2044.1	2009.5	1963.0	1907.6
-50°	1836.7	1839.0	1838.8	1835.7	1838.8	1839.0	1836.7	1828.8	1813.2	1788.6	1758.7
-52.5°	1689.2	1686.9	1684.3	1680.4	1684.3	1686.9	1689.2	1687.9	1681.8	1667.7	1650.2
-55°	1583.2	1578.8	1575.1	1570.8	1575.1	1578.8	1583.2	1584.5	1582.2	1572.6	1560.4
-57.5°	1498.8	1496.2	1493.0	1488.6	1493.0	1496.2	1498.8	1498.9	1496.2	1489.3	1480.1
-60°	1420.3	1421.4	1419.7	1415.6	1419.7	1421.4	1420.3	1415.9	1408.0	1398.8	1388.3
-62.5°	1320.4	1327.6	1328.0	1324.2	1328.0	1327.6	1320.4	1310.3	1297.3	1285.9	1273.4
-65°	1194.1	1200.3	1204.2	1205.5	1204.2	1200.3	1194.1	1185.7	1175.2	1163.7	1149.1
-67.5°	1069.1	1072.8	1072.2	1068.5	1072.2	1072.8	1069.1	1063.5	1056.1	1044.5	1027.3
-70°	929.7	928.0	930.4	931.5	930.4	928.0	929.7	928.9	925.6	917.1	901.9
-72.5°	791.3	791.2	789.2	785.4	789.2	791.2	791.3	789.5	785.9	779.8	770.1
-75°	655.0	654.4	652.3	648.4	652.3	654.4	655.0	654.1	651.8	647.5	638.9
-77.5°	513.0	509.3	510.8	511.4	510.8	509.3	513.0	515.2	515.7	513.5	504.5
-80°	381.8	381.8	378.6	374.4	378.6	381.8	381.8	380.7	378.5	375.1	368.8
-82.5°	261.8	263.4	259.9	255.7	259.9	263.4	261.8	259.6	256.8	253.5	249.2
-85°	146.7	145.4	141.4	137.0	141.4	145.4	146.7	147.7	148.3	148.4	143.6
-87.5°	47.6	45.5	45.7	45.7	45.7	45.5	47.6	49.5	51.3	52.9	50.1
-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: P627777 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-U-MWR-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°	47.2	44.3	41.4	42.6	43.5	44.3	44.9	43.5	42.0	40.4	38.7
85°	138.5	133.0	127.3	125.7	123.8	121.6	118.9	113.7	108.2	102.4	96.3
82.5°	244.0	238.0	231.4	226.9	221.7	215.9	209.2	199.2	188.9	178.6	168.3
80°	361.6	353.4	344.7	337.0	328.5	319.2	308.3	292.7	276.4	260.3	245.2
77.5°	494.1	482.4	469.6	456.7	443.1	428.8	412.8	393.2	373.3	352.5	331.5
75°	628.4	615.9	601.1	583.9	565.2	545.1	523.7	500.0	475.0	448.9	422.6
72.5°	758.6	745.4	730.2	711.9	690.5	666.9	640.5	611.4	580.8	548.8	517.5
70°	885.7	868.7	853.5	837.9	817.8	793.5	762.3	727.3	690.5	653.4	617.1
67.5°	1008.0	986.6	971.7	957.3	939.0	916.7	884.4	846.7	805.5	762.2	719.3
65°	1130.0	1106.1	1091.1	1077.9	1060.3	1037.9	1003.9	965.6	922.2	874.0	824.1
62.5°	1257.4	1237.7	1221.3	1202.1	1181.2	1156.3	1122.0	1081.9	1038.0	987.5	929.6
60°	1376.2	1361.8	1336.1	1312.3	1291.2	1265.1	1224.3	1185.8	1150.0	1091.9	1029.6
57.5°	1468.9	1451.7	1427.9	1403.2	1377.8	1344.3	1307.9	1271.4	1229.9	1180.9	1123.0
55°	1545.7	1527.0	1504.6	1480.3	1452.8	1415.4	1377.9	1339.0	1298.8	1258.0	1201.4
52.5°	1630.2	1609.6	1583.3	1551.2	1519.5	1482.7	1440.6	1399.2	1361.7	1320.0	1273.6
50°	1730.4	1705.4	1675.4	1641.2	1598.7	1552.9	1508.7	1460.4	1421.1	1380.5	1333.3
47.5°	1865.5	1824.0	1779.5	1739.0	1686.7	1631.3	1580.5	1530.8	1484.3	1440.4	1392.2
45°	2068.2	1990.4	1906.5	1850.4	1783.9	1720.8	1655.4	1599.5	1546.3	1496.8	1451.6
42.5°	2359.3	2235.5	2120.9	2009.4	1902.9	1825.4	1744.0	1674.4	1610.1	1551.5	1498.5
40°	2779.8	2566.1	2408.5	2232.5	2089.5	1952.9	1849.0	1754.4	1679.8	1610.1	1545.8
37.5°	3414.7	3061.3	2799.2	2524.8	2325.5	2135.3	1975.3	1852.0	1750.9	1670.0	1595.2
35°	4397.0	3845.9	3354.6	2966.2	2613.5	2363.1	2139.4	1966.7	1837.2	1731.6	1644.1
32.5°	5932.3	5057.8	4165.8	3591.7	3047.3	2638.5	2350.8	2113.1	1929.6	1804.0	1698.9
30°	8320.0	6778.4	5466.1	4395.2	3648.4	3023.9	2586.1	2295.5	2060.7	1877.2	1754.3
27.5°	11786.0	9084.8	7248.9	5579.8	4374.8	3554.4	2927.1	2490.6	2198.7	1979.8	1817.9
25°	15831.6	12598.2	9454.4	7197.2	5422.8	4154.1	3325.2	2763.8	2369.4	2086.7	1873.9
22.5°	20095.6	16304.0	12536.0	9021.1	6722.7	5031.4	3839.2	3039.4	2530.6	2200.5	1955.2
20°	24326.4	20045.1	15752.3	11732.8	8305.5	5890.3	4398.4	3405.1	2755.7	2328.2	2032.3
17.5°	28214.6	23717.0	19013.6	14366.4	10254.9	7196.4	5107.2	3774.8	2952.0	2441.5	2099.1
15°	31896.8	27148.4	22187.0	17160.4	12338.4	8346.6	5711.1	4096.9	3156.2	2573.3	2186.4
12.5°	35231.5	30229.9	25009.4	19562.4	14188.3	9635.8	6516.7	4571.7	3407.1	2710.1	2268.8
10°	38142.2	32802.0	27239.7	21580.6	15976.3	10970.5	7278.3	4976.7	3624.4	2823.4	2336.1
7.5°	40232.8	34827.0	29011.7	23212.0	17430.6	12117.5	7925.7	5297.3	3795.0	2910.3	2388.0
5°	41770.0	36406.4	30488.9	24537.6	18510.2	12975.0	8409.2	5522.8	3917.0	2970.3	2424.1
2.5°	42824.4	37405.7	31477.6	25407.3	19136.7	13478.6	8717.3	5643.9	3974.7	3017.5	2443.9
0°	43124.3	37690.4	31726.8	25863.6	19233.3	13543.7	8840.4	5662.2	3972.7	3041.2	2447.5
-2.5°	42824.4	37405.7	31477.6	25407.3	19136.7	13478.6	8717.3	5643.9	3974.7	3017.5	2443.9
-5°	41770.0	36406.4	30488.9	24537.6	18510.2	12975.0	8409.2	5522.8	3917.0	2970.3	2424.1
-7.5°	40232.8	34827.0	29011.7	23212.0	17430.6	12117.5	7925.7	5297.3	3795.0	2910.3	2388.0
-10°	38142.2	32802.0	27239.7	21580.6	15976.3	10970.5	7278.3	4976.7	3624.4	2823.4	2336.1
-12.5°	35231.5	30229.9	25009.4	19562.4	14188.3	9635.8	6516.7	4571.7	3407.1	2710.1	2268.8
-15°	31896.8	27148.4	22187.0	17160.4	12338.4	8346.6	5711.1	4096.9	3156.2	2573.3	2186.4
-17.5°	28214.6	23717.0	19013.6	14366.4	10254.9	7196.4	5107.2	3774.8	2952.0	2441.5	2099.1
-20°	24326.4	20045.1	15752.3	11732.8	8305.5	5890.3	4398.4	3405.1	2755.7	2328.2	2032.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627777 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	20095.6	16304.0	12536.0	9021.1	6722.7	5031.4	3839.2	3039.4	2530.6	2200.5	1955.2
-25°	15831.6	12598.2	9454.4	7197.2	5422.8	4154.1	3325.2	2763.8	2369.4	2086.7	1873.9
-27.5°	11786.0	9084.8	7248.9	5579.8	4374.8	3554.4	2927.1	2490.6	2198.7	1979.8	1817.9
-30°	8320.0	6778.4	5466.1	4395.2	3648.4	3023.9	2586.1	2295.5	2060.7	1877.2	1754.3
-32.5°	5932.3	5057.8	4165.8	3591.7	3047.3	2638.5	2350.8	2113.1	1929.6	1804.0	1698.9
-35°	4397.0	3845.9	3354.6	2966.2	2613.5	2363.1	2139.4	1966.7	1837.2	1731.6	1644.1
-37.5°	3414.7	3061.3	2799.2	2524.8	2325.5	2135.3	1975.3	1852.0	1750.9	1670.0	1595.2
-40°	2779.8	2566.1	2408.5	2232.5	2089.5	1952.9	1849.0	1754.4	1679.8	1610.1	1545.8
-42.5°	2359.3	2235.5	2120.9	2009.4	1902.9	1825.4	1744.0	1674.4	1610.1	1551.5	1498.5
-45°	2068.2	1990.4	1906.5	1850.4	1783.9	1720.8	1655.4	1599.5	1546.3	1496.8	1451.6
-47.5°	1865.5	1824.0	1779.5	1739.0	1686.7	1631.3	1580.5	1530.8	1484.3	1440.4	1392.2
-50°	1730.4	1705.4	1675.4	1641.2	1598.7	1552.9	1508.7	1460.4	1421.1	1380.5	1333.3
-52.5°	1630.2	1609.6	1583.3	1551.2	1519.5	1482.7	1440.6	1399.2	1361.7	1320.0	1273.6
-55°	1545.7	1527.0	1504.6	1480.3	1452.8	1415.4	1377.9	1339.0	1298.8	1258.0	1201.4
-57.5°	1468.9	1451.7	1427.9	1403.2	1377.8	1344.3	1307.9	1271.4	1229.9	1180.9	1123.0
-60°	1376.2	1361.8	1336.1	1312.3	1291.2	1265.1	1224.3	1185.8	1150.0	1091.9	1029.6
-62.5°	1257.4	1237.7	1221.3	1202.1	1181.2	1156.3	1122.0	1081.9	1038.0	987.5	929.6
-65°	1130.0	1106.1	1091.1	1077.9	1060.3	1037.9	1003.9	965.6	922.2	874.0	824.1
-67.5°	1008.0	986.6	971.7	957.3	939.0	916.7	884.4	846.7	805.5	762.2	719.3
-70°	885.7	868.7	853.5	837.9	817.8	793.5	762.3	727.3	690.5	653.4	617.1
-72.5°	758.6	745.4	730.2	711.9	690.5	666.9	640.5	611.4	580.8	548.8	517.5
-75°	628.4	615.9	601.1	583.9	565.2	545.1	523.7	500.0	475.0	448.9	422.6
-77.5°	494.1	482.4	469.6	456.7	443.1	428.8	412.8	393.2	373.3	352.5	331.5
-80°	361.6	353.4	344.7	337.0	328.5	319.2	308.3	292.7	276.4	260.3	245.2
-82.5°	244.0	238.0	231.4	226.9	221.7	215.9	209.2	199.2	188.9	178.6	168.3
-85°	138.5	133.0	127.3	125.7	123.8	121.6	118.9	113.7	108.2	102.4	96.3
-87.5°	47.2	44.3	41.4	42.6	43.5	44.3	44.9	43.5	42.0	40.4	38.7
-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: P627777 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-U-MWR-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°	37.0	35.2	33.4	31.4	29.4	27.4	25.3	23.1	20.1	17.2	14.4
85°	90.0	83.4	76.6	69.5	62.0	54.7	50.6	46.2	40.1	34.3	28.8
82.5°	157.9	147.8	137.5	126.7	114.4	102.3	90.5	78.9	66.0	52.4	43.1
80°	231.4	217.0	202.1	186.4	168.5	149.6	133.1	117.1	101.4	84.8	67.1
77.5°	311.3	290.2	268.4	248.6	227.9	205.8	182.3	157.9	136.7	117.0	96.1
75°	396.6	371.0	344.9	317.9	290.1	261.8	235.0	206.9	178.6	149.8	124.9
72.5°	487.0	455.4	422.7	389.2	356.8	323.5	289.4	255.4	222.4	189.0	155.0
70°	579.9	541.4	503.3	465.5	425.9	384.8	346.0	305.9	265.8	227.7	189.0
67.5°	674.8	631.4	586.5	542.0	498.0	451.8	403.0	356.1	310.6	265.8	222.4
65°	774.6	723.2	670.5	619.9	569.6	519.1	465.8	407.4	354.3	304.3	255.4
62.5°	872.7	816.6	757.4	697.2	640.0	584.0	527.4	462.5	398.4	341.9	287.8
60°	967.8	904.9	841.2	774.7	709.5	646.9	584.0	516.1	446.2	378.4	319.4
57.5°	1055.0	989.0	917.9	847.8	777.6	708.2	638.6	566.6	492.6	418.2	350.2
55°	1136.9	1065.0	990.7	915.0	841.3	767.5	691.9	615.1	537.2	457.8	380.4
52.5°	1213.7	1138.6	1059.8	979.4	899.7	823.4	743.8	662.2	579.6	496.0	413.4
50°	1280.9	1210.3	1126.9	1042.0	955.6	875.0	794.0	707.8	620.6	532.6	445.7
47.5°	1337.3	1272.4	1191.9	1102.5	1011.7	925.6	841.1	751.9	660.2	567.7	476.7
45°	1392.5	1329.9	1252.0	1160.8	1067.0	976.0	886.4	794.3	698.3	601.7	506.3
42.5°	1444.2	1381.7	1309.0	1216.7	1119.9	1024.5	930.4	834.3	734.7	633.9	534.5
40°	1488.3	1427.1	1362.6	1270.5	1169.8	1070.3	972.2	872.9	769.6	664.6	561.1
37.5°	1531.2	1468.5	1402.0	1321.2	1216.5	1113.3	1011.5	909.9	803.2	694.4	586.2
35°	1572.7	1507.9	1437.4	1360.6	1260.1	1153.3	1048.1	944.5	834.7	722.7	609.6
32.5°	1609.8	1543.2	1470.0	1392.5	1300.2	1190.3	1082.1	974.9	863.9	749.6	631.4
30°	1654.0	1572.8	1499.4	1423.8	1334.5	1224.2	1113.4	1003.2	890.9	774.9	651.9
27.5°	1696.2	1601.3	1525.6	1449.8	1361.4	1255.0	1142.5	1029.4	915.5	798.0	672.2
25°	1737.1	1633.9	1550.0	1471.6	1387.2	1284.4	1169.1	1053.4	937.3	818.1	690.9
22.5°	1784.1	1663.8	1572.7	1490.5	1411.9	1311.0	1193.3	1075.1	956.6	836.1	708.0
20°	1826.0	1688.4	1593.8	1508.3	1430.4	1331.1	1214.9	1094.5	973.9	852.1	723.4
17.5°	1866.7	1716.4	1614.3	1525.4	1444.3	1348.7	1233.8	1111.5	989.0	865.9	737.2
15°	1923.4	1748.4	1632.2	1540.0	1456.0	1363.7	1250.0	1126.0	1001.9	877.6	749.5
12.5°	1972.0	1775.1	1646.9	1552.0	1465.5	1376.0	1263.4	1138.1	1012.6	888.0	760.4
10°	2011.4	1796.6	1658.4	1561.3	1472.8	1385.8	1274.0	1148.3	1022.7	897.1	769.4
7.5°	2041.4	1812.5	1666.6	1567.8	1477.9	1392.9	1283.8	1157.3	1030.7	904.2	776.4
5°	2061.7	1823.0	1673.5	1571.6	1480.7	1397.2	1291.0	1163.8	1036.5	909.2	781.4
2.5°	2072.3	1827.6	1678.6	1572.6	1481.3	1398.6	1295.3	1167.7	1039.9	912.3	784.4
0°	2073.1	1826.5	1680.4	1570.8	1479.5	1397.3	1296.8	1169.0	1041.1	913.3	785.4
-2.5°	2072.3	1827.6	1678.6	1572.6	1481.3	1398.6	1295.3	1167.7	1039.9	912.3	784.4
-5°	2061.7	1823.0	1673.5	1571.6	1480.7	1397.2	1291.0	1163.8	1036.5	909.2	781.4
-7.5°	2041.4	1812.5	1666.6	1567.8	1477.9	1392.9	1283.8	1157.3	1030.7	904.2	776.4
-10°	2011.4	1796.6	1658.4	1561.3	1472.8	1385.8	1274.0	1148.3	1022.7	897.1	769.4
-12.5°	1972.0	1775.1	1646.9	1552.0	1465.5	1376.0	1263.4	1138.1	1012.6	888.0	760.4
-15°	1923.4	1748.4	1632.2	1540.0	1456.0	1363.7	1250.0	1126.0	1001.9	877.6	749.5
-17.5°	1866.7	1716.4	1614.3	1525.4	1444.3	1348.7	1233.8	1111.5	989.0	865.9	737.2
-20°	1826.0	1688.4	1593.8	1508.3	1430.4	1331.1	1214.9	1094.5	973.9	852.1	723.4



REPORT NUMBER: P627777 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1784.1	1663.8	1572.7	1490.5	1411.9	1311.0	1193.3	1075.1	956.6	836.1	708.0
-25°	1737.1	1633.9	1550.0	1471.6	1387.2	1284.4	1169.1	1053.4	937.3	818.1	690.9
-27.5°	1696.2	1601.3	1525.6	1449.8	1361.4	1255.0	1142.5	1029.4	915.5	798.0	672.2
-30°	1654.0	1572.8	1499.4	1423.8	1334.5	1224.2	1113.4	1003.2	890.9	774.9	651.9
-32.5°	1609.8	1543.2	1470.0	1392.5	1300.2	1190.3	1082.1	974.9	863.9	749.6	631.4
-35°	1572.7	1507.9	1437.4	1360.6	1260.1	1153.3	1048.1	944.5	834.7	722.7	609.6
-37.5°	1531.2	1468.5	1402.0	1321.2	1216.5	1113.3	1011.5	909.9	803.2	694.4	586.2
-40°	1488.3	1427.1	1362.6	1270.5	1169.8	1070.3	972.2	872.9	769.6	664.6	561.1
-42.5°	1444.2	1381.7	1309.0	1216.7	1119.9	1024.5	930.4	834.3	734.7	633.9	534.5
-45°	1392.5	1329.9	1252.0	1160.8	1067.0	976.0	886.4	794.3	698.3	601.7	506.3
-47.5°	1337.3	1272.4	1191.9	1102.5	1011.7	925.6	841.1	751.9	660.2	567.7	476.7
-50°	1280.9	1210.3	1126.9	1042.0	955.6	875.0	794.0	707.8	620.6	532.6	445.7
-52.5°	1213.7	1138.6	1059.8	979.4	899.7	823.4	743.8	662.2	579.6	496.0	413.4
-55°	1136.9	1065.0	990.7	915.0	841.3	767.5	691.9	615.1	537.2	457.8	380.4
-57.5°	1055.0	989.0	917.9	847.8	777.6	708.2	638.6	566.6	492.6	418.2	350.2
-60°	967.8	904.9	841.2	774.7	709.5	646.9	584.0	516.1	446.2	378.4	319.4
-62.5°	872.7	816.6	757.4	697.2	640.0	584.0	527.4	462.5	398.4	341.9	287.8
-65°	774.6	723.2	670.5	619.9	569.6	519.1	465.8	407.4	354.3	304.3	255.4
-67.5°	674.8	631.4	586.5	542.0	498.0	451.8	403.0	356.1	310.6	265.8	222.4
-70°	579.9	541.4	503.3	465.5	425.9	384.8	346.0	305.9	265.8	227.7	189.0
-72.5°	487.0	455.4	422.7	389.2	356.8	323.5	289.4	255.4	222.4	189.0	155.0
-75°	396.6	371.0	344.9	317.9	290.1	261.8	235.0	206.9	178.6	149.8	124.9
-77.5°	311.3	290.2	268.4	248.6	227.9	205.8	182.3	157.9	136.7	117.0	96.1
-80°	231.4	217.0	202.1	186.4	168.5	149.6	133.1	117.1	101.4	84.8	67.1
-82.5°	157.9	147.8	137.5	126.7	114.4	102.3	90.5	78.9	66.0	52.4	43.1
-85°	90.0	83.4	76.6	69.5	62.0	54.7	50.6	46.2	40.1	34.3	28.8
-87.5°	37.0	35.2	33.4	31.4	29.4	27.4	25.3	23.1	20.1	17.2	14.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627777 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5E-750-U-MWR-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°	11.8	9.9	7.9	6.0	4.0	2.0	0.0
85°	23.6	19.8	15.9	11.9	8.0	4.0	0.0
82.5°	35.4	29.6	23.7	17.8	11.9	6.0	0.0
80°	48.7	39.4	31.6	23.7	15.9	7.9	0.0
77.5°	74.3	53.1	39.4	29.6	19.8	9.9	0.0
75°	99.6	74.3	48.7	35.4	23.6	11.8	0.0
72.5°	124.6	95.2	65.5	41.1	27.5	13.7	0.0
70°	149.8	115.8	82.0	48.1	31.2	15.6	0.0
67.5°	178.3	136.1	98.3	60.3	34.9	17.5	0.0
65°	206.2	157.6	114.3	72.3	38.6	19.3	0.0
62.5°	233.5	180.0	130.0	84.1	42.2	21.1	0.0
60°	260.0	201.9	145.3	95.6	45.7	22.8	0.0
57.5°	286.6	223.1	162.0	106.8	53.0	24.5	0.0
55°	312.7	243.6	178.3	117.7	60.1	26.2	0.0
52.5°	338.2	263.7	194.1	128.3	67.0	27.8	0.0
50°	363.0	284.5	209.2	138.6	73.7	29.4	0.0
47.5°	387.4	304.6	223.8	148.7	80.0	30.9	0.0
45°	412.6	324.1	237.7	159.1	86.1	32.3	0.0
42.5°	436.7	342.8	250.9	169.0	91.9	33.7	0.0
40°	459.5	360.8	264.3	178.2	97.3	35.0	0.0
37.5°	481.0	378.0	278.0	186.7	102.4	36.3	0.0
35°	501.2	394.6	290.9	194.7	107.2	37.4	0.0
32.5°	520.0	410.4	303.1	202.2	111.7	38.5	0.0
30°	537.4	425.1	314.5	209.2	115.8	39.6	0.0
27.5°	553.4	438.6	324.7	215.6	119.6	40.5	0.0
25°	567.9	450.9	333.9	221.4	123.0	41.4	0.0
22.5°	580.9	461.8	342.2	226.7	126.0	42.2	0.0
20°	592.4	471.1	349.6	231.4	128.7	42.9	0.0
17.5°	602.8	479.2	356.1	235.4	131.0	43.6	0.0
15°	612.2	486.2	361.6	238.9	133.0	44.1	0.0
12.5°	620.3	491.9	366.2	241.7	134.5	44.6	0.0
10°	627.0	496.4	369.8	244.0	135.8	45.0	0.0
7.5°	632.3	499.8	372.4	245.6	136.6	45.3	0.0
5°	636.2	501.8	374.1	246.5	137.1	45.5	0.0
2.5°	638.5	502.7	374.7	246.9	137.2	45.7	0.0
0°	639.3	502.3	374.4	246.6	137.0	45.7	0.0
-2.5°	638.5	502.7	374.7	246.9	137.2	45.7	0.0
-5°	636.2	501.8	374.1	246.5	137.1	45.5	0.0
-7.5°	632.3	499.8	372.4	245.6	136.6	45.3	0.0
-10°	627.0	496.4	369.8	244.0	135.8	45.0	0.0
-12.5°	620.3	491.9	366.2	241.7	134.5	44.6	0.0
-15°	612.2	486.2	361.6	238.9	133.0	44.1	0.0
-17.5°	602.8	479.2	356.1	235.4	131.0	43.6	0.0
-20°	592.4	471.1	349.6	231.4	128.7	42.9	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627777 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-750-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	580.9	461.8	342.2	226.7	126.0	42.2	0.0
-25°	567.9	450.9	333.9	221.4	123.0	41.4	0.0
-27.5°	553.4	438.6	324.7	215.6	119.6	40.5	0.0
-30°	537.4	425.1	314.5	209.2	115.8	39.6	0.0
-32.5°	520.0	410.4	303.1	202.2	111.7	38.5	0.0
-35°	501.2	394.6	290.9	194.7	107.2	37.4	0.0
-37.5°	481.0	378.0	278.0	186.7	102.4	36.3	0.0
-40°	459.5	360.8	264.3	178.2	97.3	35.0	0.0
-42.5°	436.7	342.8	250.9	169.0	91.9	33.7	0.0
-45°	412.6	324.1	237.7	159.1	86.1	32.3	0.0
-47.5°	387.4	304.6	223.8	148.7	80.0	30.9	0.0
-50°	363.0	284.5	209.2	138.6	73.7	29.4	0.0
-52.5°	338.2	263.7	194.1	128.3	67.0	27.8	0.0
-55°	312.7	243.6	178.3	117.7	60.1	26.2	0.0
-57.5°	286.6	223.1	162.0	106.8	53.0	24.5	0.0
-60°	260.0	201.9	145.3	95.6	45.7	22.8	0.0
-62.5°	233.5	180.0	130.0	84.1	42.2	21.1	0.0
-65°	206.2	157.6	114.3	72.3	38.6	19.3	0.0
-67.5°	178.3	136.1	98.3	60.3	34.9	17.5	0.0
-70°	149.8	115.8	82.0	48.1	31.2	15.6	0.0
-72.5°	124.6	95.2	65.5	41.1	27.5	13.7	0.0
-75°	99.6	74.3	48.7	35.4	23.6	11.8	0.0
-77.5°	74.3	53.1	39.4	29.6	19.8	9.9	0.0
-80°	48.7	39.4	31.6	23.7	15.9	7.9	0.0
-82.5°	35.4	29.6	23.7	17.8	11.9	6.0	0.0
-85°	23.6	19.8	15.9	11.9	8.0	4.0	0.0
-87.5°	11.8	9.9	7.9	6.0	4.0	2.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)