

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: P627767 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5E-740-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627767 (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-740-U-MWR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N126
Light Source: (80) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

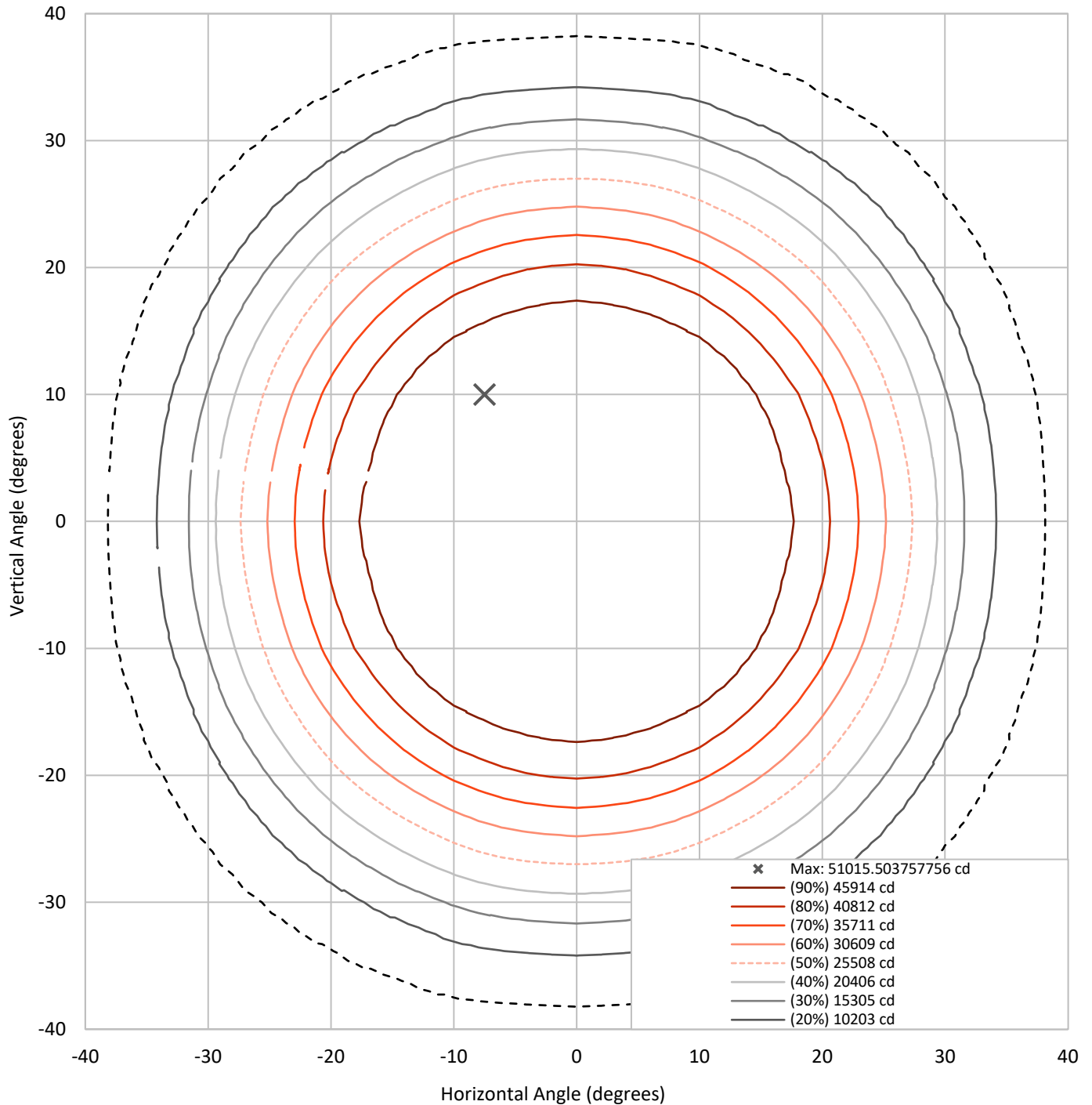
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	43419 lumens	Max Intensity:	51015.5 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	138.4 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:	28819 lumens	Field Lumens:	37472.9 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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Iso-Candela Plot





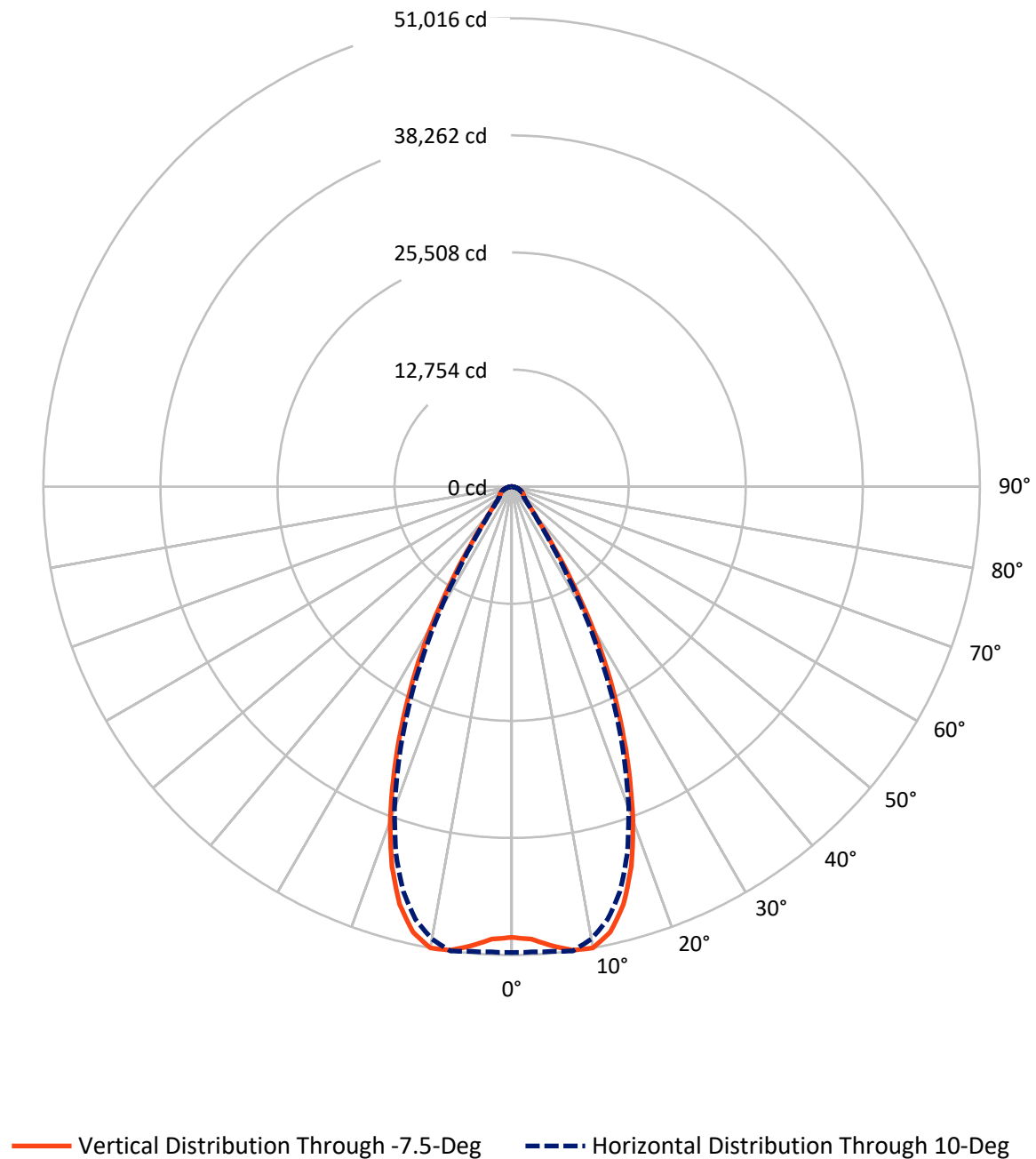
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Lumen Table

90																			
80	1.1	10.2		27.3		43.1		48.2		43.1		27.3		10.2		1.1			
70	4.6	5.2	10.6	17.4	24.3	29.5	33.4	35.3	35.3	33.4	29.5	24.3	17.4	10.6	5.2	4.6			
60		7.8	15.7	25.1	33.5	40.5	45.3	47.3	47.3	45.3	40.5	33.5	25.1	15.7	7.8				
50	8.2	10.1	19.8	30.4	40.7	53.0	66.7	76.6	76.6	66.7	53.0	40.7	30.4	19.8	10.1	8.2			
40		12.0	23.0	35.0	54.1	98.7	188.9	280.0	280.0	188.9	98.7	54.1	35.0	23.0	12.0				
30	10.6	13.4	25.1	40.8	88.9	278.7	625.3	873.2	873.2	625.3	278.7	88.9	40.8	25.1	13.4	10.6			
20		14.3	26.5	48.5	160.8	594.2	1134.7	1420.2	1420.2	1134.7	594.2	160.8	48.5	26.5	14.3				
10	11.4	14.8	27.1	54.5	231.4	813.2	1376.6	1497.8	1497.8	1376.6	813.2	231.4	54.5	27.1	14.8	11.4			
0		14.8	27.1	54.5	231.4	813.2	1376.6	1497.8	1497.8	1376.6	813.2	231.4	54.5	27.1	14.8				
-10	10.6	14.3	26.5	48.5	160.8	594.2	1134.7	1420.2	1420.2	1134.7	594.2	160.8	48.5	26.5	14.3	10.6			
-20		13.4	25.1	40.8	88.9	278.7	625.3	873.2	873.2	625.3	278.7	88.9	40.8	25.1	13.4				
-30	8.2	12.0	23.0	35.0	54.1	98.7	188.9	280.0	280.0	188.9	98.7	54.1	35.0	23.0	12.0	8.2			
-40		10.1	19.8	30.4	40.7	53.0	66.7	76.6	76.6	66.7	53.0	40.7	30.4	19.8	10.1				
-50	4.6	7.8	15.7	25.1	33.5	40.5	45.3	47.3	47.3	45.3	40.5	33.5	25.1	15.7	7.8	4.6			
-60		5.2	10.6	17.4	24.3	29.5	33.4	35.3	35.3	33.4	29.5	24.3	17.4	10.6	5.2				
-70	1.1	10.2		27.3		43.1		48.2		43.1		27.3		10.2		1.1			
-80																			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

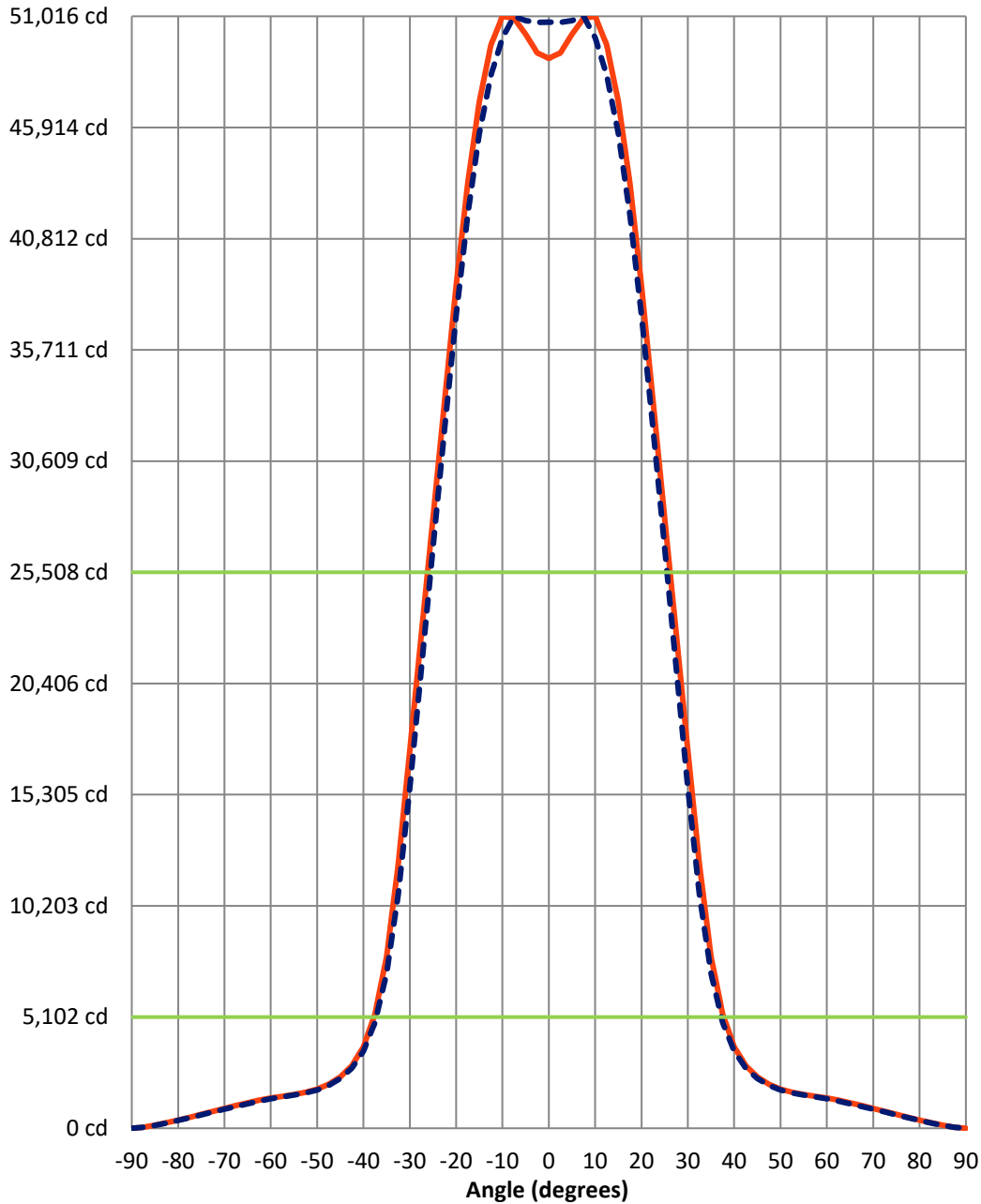
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 28819
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 37472.9
 Efficiency: 86.3%

Spill:
 Lumens: 5946.1
 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	1.9	3.9	5.8	7.7	9.7	11.5	14.1	16.8	19.6	22.6
85°	0.0	3.9	7.8	11.6	15.5	19.3	23.1	28.1	33.5	39.2	45.2
82.5°	0.0	5.8	11.6	17.4	23.2	28.9	34.5	42.0	51.2	64.5	77.1
80°	0.0	7.7	15.5	23.2	30.8	38.4	47.6	65.6	82.9	99.1	114.5
77.5°	0.0	9.7	19.3	28.9	38.4	51.9	72.5	93.9	114.4	133.7	154.3
75°	0.0	11.5	23.1	34.5	47.6	72.5	97.3	122.1	146.4	174.6	202.2
72.5°	0.0	13.4	26.8	40.1	64.0	93.0	121.7	151.5	184.7	217.5	249.7
70°	0.0	15.2	30.5	46.9	80.1	113.2	146.4	184.7	222.6	259.9	299.1
67.5°	0.0	17.1	34.1	58.9	96.1	133.0	174.3	217.5	259.9	303.6	348.2
65°	0.0	18.8	37.7	70.6	111.7	154.0	201.6	249.7	297.5	346.4	398.3
62.5°	0.0	20.6	41.1	82.1	127.0	176.0	228.3	281.4	334.2	389.5	452.1
60°	0.0	22.3	44.6	93.4	142.1	197.3	254.2	312.3	370.0	436.2	504.5
57.5°	0.0	24.0	51.7	104.4	158.4	218.1	280.2	342.4	408.8	481.6	553.9
55°	0.0	25.6	58.7	115.1	174.3	238.2	305.7	371.8	447.5	525.2	601.3
52.5°	0.0	27.1	65.5	125.4	189.7	257.9	330.6	404.2	484.8	566.7	647.4
50°	0.0	28.7	72.0	135.4	204.6	278.2	354.8	435.7	520.6	606.8	692.0
47.5°	0.0	30.1	78.2	145.3	218.8	297.8	378.7	466.0	555.0	645.5	735.1
45°	0.0	31.5	84.1	155.5	232.4	316.8	403.4	495.0	588.2	682.7	776.5
42.5°	0.0	32.9	89.8	165.2	245.3	335.1	426.9	522.5	619.7	718.3	815.7
40°	0.0	34.2	95.1	174.2	258.4	352.7	449.2	548.5	649.8	752.3	853.4
37.5°	0.0	35.4	100.1	182.5	271.8	369.5	470.3	573.0	678.9	785.2	889.6
35°	0.0	36.5	104.8	190.4	284.4	385.8	490.0	596.0	706.6	816.0	923.4
32.5°	0.0	37.6	109.2	197.7	296.3	401.2	508.4	617.3	732.8	844.6	953.1
30°	0.0	38.6	113.2	204.5	307.5	415.6	525.4	637.3	757.6	871.0	980.8
27.5°	0.0	39.6	116.9	210.8	317.4	428.8	541.0	657.1	780.1	895.1	1006.4
25°	0.0	40.4	120.2	216.5	326.4	440.8	555.2	675.4	799.8	916.3	1029.9
22.5°	0.0	41.2	123.2	221.6	334.6	451.5	567.9	692.1	817.4	935.2	1051.1
20°	0.0	41.9	125.8	226.2	341.8	460.6	579.1	707.2	833.0	952.1	1070.0
17.5°	0.0	42.5	128.0	230.2	348.1	468.5	589.3	720.6	846.5	966.9	1086.6
15°	0.0	43.1	130.0	233.6	353.5	475.3	598.5	732.7	857.9	979.5	1100.8
12.5°	0.0	43.5	131.5	236.3	358.0	480.9	606.4	743.4	868.1	989.9	1112.6
10°	0.0	43.9	132.7	238.5	361.5	485.3	613.0	752.1	877.0	999.8	1122.5
7.5°	0.0	44.2	133.5	240.1	364.1	488.6	618.2	759.0	883.9	1007.7	1131.4
5°	0.0	44.4	134.0	241.0	365.7	490.6	621.9	763.9	888.8	1013.3	1137.7
2.5°	0.0	44.6	134.1	241.4	366.4	491.4	624.2	766.8	891.8	1016.7	1141.5
0°	0.0	44.6	133.9	241.1	366.1	491.0	625.0	767.8	892.8	1017.8	1142.8
-2.5°	0.0	44.6	134.1	241.4	366.4	491.4	624.2	766.8	891.8	1016.7	1141.5
-5°	0.0	44.4	134.0	241.0	365.7	490.6	621.9	763.9	888.8	1013.3	1137.7
-7.5°	0.0	44.2	133.5	240.1	364.1	488.6	618.2	759.0	883.9	1007.7	1131.4
-10°	0.0	43.9	132.7	238.5	361.5	485.3	613.0	752.1	877.0	999.8	1122.5
-12.5°	0.0	43.5	131.5	236.3	358.0	480.9	606.4	743.4	868.1	989.9	1112.6
-15°	0.0	43.1	130.0	233.6	353.5	475.3	598.5	732.7	857.9	979.5	1100.8
-17.5°	0.0	42.5	128.0	230.2	348.1	468.5	589.3	720.6	846.5	966.9	1086.6
-20°	0.0	41.9	125.8	226.2	341.8	460.6	579.1	707.2	833.0	952.1	1070.0

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	41.2	123.2	221.6	334.6	451.5	567.9	692.1	817.4	935.2	1051.1
-25°	0.0	40.4	120.2	216.5	326.4	440.8	555.2	675.4	799.8	916.3	1029.9
-27.5°	0.0	39.6	116.9	210.8	317.4	428.8	541.0	657.1	780.1	895.1	1006.4
-30°	0.0	38.6	113.2	204.5	307.5	415.6	525.4	637.3	757.6	871.0	980.8
-32.5°	0.0	37.6	109.2	197.7	296.3	401.2	508.4	617.3	732.8	844.6	953.1
-35°	0.0	36.5	104.8	190.4	284.4	385.8	490.0	596.0	706.6	816.0	923.4
-37.5°	0.0	35.4	100.1	182.5	271.8	369.5	470.3	573.0	678.9	785.2	889.6
-40°	0.0	34.2	95.1	174.2	258.4	352.7	449.2	548.5	649.8	752.3	853.4
-42.5°	0.0	32.9	89.8	165.2	245.3	335.1	426.9	522.5	619.7	718.3	815.7
-45°	0.0	31.5	84.1	155.5	232.4	316.8	403.4	495.0	588.2	682.7	776.5
-47.5°	0.0	30.1	78.2	145.3	218.8	297.8	378.7	466.0	555.0	645.5	735.1
-50°	0.0	28.7	72.0	135.4	204.6	278.2	354.8	435.7	520.6	606.8	692.0
-52.5°	0.0	27.1	65.5	125.4	189.7	257.9	330.6	404.2	484.8	566.7	647.4
-55°	0.0	25.6	58.7	115.1	174.3	238.2	305.7	371.8	447.5	525.2	601.3
-57.5°	0.0	24.0	51.7	104.4	158.4	218.1	280.2	342.4	408.8	481.6	553.9
-60°	0.0	22.3	44.6	93.4	142.1	197.3	254.2	312.3	370.0	436.2	504.5
-62.5°	0.0	20.6	41.1	82.1	127.0	176.0	228.3	281.4	334.2	389.5	452.1
-65°	0.0	18.8	37.7	70.6	111.7	154.0	201.6	249.7	297.5	346.4	398.3
-67.5°	0.0	17.1	34.1	58.9	96.1	133.0	174.3	217.5	259.9	303.6	348.2
-70°	0.0	15.2	30.5	46.9	80.1	113.2	146.4	184.7	222.6	259.9	299.1
-72.5°	0.0	13.4	26.8	40.1	64.0	93.0	121.7	151.5	184.7	217.5	249.7
-75°	0.0	11.5	23.1	34.5	47.6	72.5	97.3	122.1	146.4	174.6	202.2
-77.5°	0.0	9.7	19.3	28.9	38.4	51.9	72.5	93.9	114.4	133.7	154.3
-80°	0.0	7.7	15.5	23.2	30.8	38.4	47.6	65.6	82.9	99.1	114.5
-82.5°	0.0	5.8	11.6	17.4	23.2	28.9	34.5	42.0	51.2	64.5	77.1
-85°	0.0	3.9	7.8	11.6	15.5	19.3	23.1	28.1	33.5	39.2	45.2
-87.5°	0.0	1.9	3.9	5.8	7.7	9.7	11.5	14.1	16.8	19.6	22.6
-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°	24.7	26.8	28.8	30.7	32.6	34.4	36.2	37.9	39.5	41.1	42.5
85°	49.5	53.5	60.7	67.9	74.9	81.5	88.0	94.2	100.1	105.8	111.1
82.5°	88.5	100.1	111.9	123.9	134.4	144.4	154.3	164.5	174.6	184.7	194.7
80°	130.1	146.2	164.7	182.2	197.6	212.1	226.2	239.8	254.4	270.2	286.1
77.5°	178.2	201.2	222.8	243.0	262.5	283.8	304.3	324.1	344.6	364.9	384.4
75°	229.7	256.0	283.6	310.8	337.2	362.7	387.7	413.1	438.8	464.4	488.8
72.5°	283.0	316.3	348.8	380.5	413.2	445.2	476.1	505.8	536.5	567.8	597.7
70°	338.2	376.2	416.3	455.0	492.0	529.2	566.9	603.3	638.8	675.1	711.0
67.5°	394.0	441.7	486.9	529.8	573.3	617.3	659.7	703.2	745.2	787.4	827.7
65°	455.4	507.5	556.9	606.1	655.5	707.0	757.2	805.7	854.4	901.6	944.0
62.5°	515.6	571.0	625.7	681.6	740.5	798.3	853.2	908.8	965.4	1014.8	1057.7
60°	570.9	632.4	693.6	757.4	822.4	884.6	946.1	1006.6	1067.4	1124.2	1159.3
57.5°	624.4	692.4	760.2	828.8	897.3	966.8	1031.4	1097.8	1154.4	1202.3	1243.0
55°	676.5	750.3	822.5	894.5	968.5	1041.1	1111.4	1174.5	1229.8	1269.8	1309.0
52.5°	727.1	805.0	879.5	957.5	1036.0	1113.1	1186.5	1245.1	1290.5	1331.3	1367.9
50°	776.2	855.4	934.2	1018.6	1101.6	1183.1	1252.2	1303.5	1349.6	1389.3	1427.7
47.5°	822.3	904.8	989.0	1077.8	1165.2	1243.9	1307.4	1361.1	1408.2	1451.1	1496.5
45°	866.5	954.2	1043.1	1134.7	1224.0	1300.2	1361.3	1419.1	1463.2	1511.6	1563.7
42.5°	909.6	1001.6	1094.8	1189.4	1279.7	1350.8	1411.9	1464.9	1516.7	1574.0	1636.9
40°	950.5	1046.3	1143.6	1242.1	1332.1	1395.1	1454.9	1511.1	1574.0	1642.2	1715.1
37.5°	988.8	1088.4	1189.3	1291.7	1370.6	1435.6	1496.8	1559.4	1632.6	1711.6	1810.6
35°	1024.7	1127.5	1231.9	1330.1	1405.2	1474.1	1537.5	1607.3	1692.8	1796.0	1922.7
32.5°	1057.9	1163.7	1271.1	1361.3	1437.0	1508.6	1573.7	1660.8	1763.5	1886.4	2065.8
30°	1088.5	1196.8	1304.6	1391.9	1465.7	1537.6	1616.9	1715.0	1835.2	2014.5	2244.1
27.5°	1117.0	1226.9	1330.9	1417.3	1491.4	1565.5	1658.2	1777.2	1935.4	2149.4	2434.8
25°	1143.0	1255.6	1356.1	1438.6	1515.2	1597.3	1698.1	1831.9	2039.9	2316.3	2701.9
22.5°	1166.6	1281.6	1380.3	1457.0	1537.5	1626.5	1744.1	1911.4	2151.2	2474.0	2971.3
20°	1187.7	1301.3	1398.4	1474.5	1558.1	1650.6	1785.1	1986.8	2276.0	2694.0	3328.8
17.5°	1206.2	1318.5	1411.9	1491.3	1578.1	1677.9	1824.9	2052.1	2386.9	2885.9	3690.3
15°	1222.0	1333.1	1423.4	1505.6	1595.6	1709.2	1880.4	2137.5	2515.7	3085.5	4005.2
12.5°	1235.1	1345.2	1432.7	1517.3	1610.0	1735.4	1927.9	2218.0	2649.4	3330.8	4469.3
10°	1245.5	1354.7	1439.9	1526.3	1621.3	1756.3	1966.4	2283.8	2760.2	3543.2	4865.3
7.5°	1255.1	1361.7	1444.8	1532.8	1629.3	1771.9	1995.7	2334.6	2845.1	3710.0	5178.7
5°	1262.1	1365.9	1447.6	1536.4	1636.1	1782.1	2015.6	2369.8	2903.8	3829.3	5399.1
2.5°	1266.4	1367.3	1448.1	1537.4	1641.1	1786.7	2026.0	2389.2	2949.9	3885.7	5517.6
0°	1267.8	1366.0	1446.4	1535.6	1642.8	1785.6	2026.7	2392.7	2973.1	3883.7	5535.4
-2.5°	1266.4	1367.3	1448.1	1537.4	1641.1	1786.7	2026.0	2389.2	2949.9	3885.7	5517.6
-5°	1262.1	1365.9	1447.6	1536.4	1636.1	1782.1	2015.6	2369.8	2903.8	3829.3	5399.1
-7.5°	1255.1	1361.7	1444.8	1532.8	1629.3	1771.9	1995.7	2334.6	2845.1	3710.0	5178.7
-10°	1245.5	1354.7	1439.9	1526.3	1621.3	1756.3	1966.4	2283.8	2760.2	3543.2	4865.3
-12.5°	1235.1	1345.2	1432.7	1517.3	1610.0	1735.4	1927.9	2218.0	2649.4	3330.8	4469.3
-15°	1222.0	1333.1	1423.4	1505.6	1595.6	1709.2	1880.4	2137.5	2515.7	3085.5	4005.2
-17.5°	1206.2	1318.5	1411.9	1491.3	1578.1	1677.9	1824.9	2052.1	2386.9	2885.9	3690.3
-20°	1187.7	1301.3	1398.4	1474.5	1558.1	1650.6	1785.1	1986.8	2276.0	2694.0	3328.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627767 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-740-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°	1166.6	1281.6	1380.3	1457.0	1537.5	1626.5	1744.1	1911.4	2151.2	2474.0	2971.3
-25°	1143.0	1255.6	1356.1	1438.6	1515.2	1597.3	1698.1	1831.9	2039.9	2316.3	2701.9
-27.5°	1117.0	1226.9	1330.9	1417.3	1491.4	1565.5	1658.2	1777.2	1935.4	2149.4	2434.8
-30°	1088.5	1196.8	1304.6	1391.9	1465.7	1537.6	1616.9	1715.0	1835.2	2014.5	2244.1
-32.5°	1057.9	1163.7	1271.1	1361.3	1437.0	1508.6	1573.7	1660.8	1763.5	1886.4	2065.8
-35°	1024.7	1127.5	1231.9	1330.1	1405.2	1474.1	1537.5	1607.3	1692.8	1796.0	1922.7
-37.5°	988.8	1088.4	1189.3	1291.7	1370.6	1435.6	1496.8	1559.4	1632.6	1711.6	1810.6
-40°	950.5	1046.3	1143.6	1242.1	1332.1	1395.1	1454.9	1511.1	1574.0	1642.2	1715.1
-42.5°	909.6	1001.6	1094.8	1189.4	1279.7	1350.8	1411.9	1464.9	1516.7	1574.0	1636.9
-45°	866.5	954.2	1043.1	1134.7	1224.0	1300.2	1361.3	1419.1	1463.2	1511.6	1563.7
-47.5°	822.3	904.8	989.0	1077.8	1165.2	1243.9	1307.4	1361.1	1408.2	1451.1	1496.5
-50°	776.2	855.4	934.2	1018.6	1101.6	1183.1	1252.2	1303.5	1349.6	1389.3	1427.7
-52.5°	727.1	805.0	879.5	957.5	1036.0	1113.1	1186.5	1245.1	1290.5	1331.3	1367.9
-55°	676.5	750.3	822.5	894.5	968.5	1041.1	1111.4	1174.5	1229.8	1269.8	1309.0
-57.5°	624.4	692.4	760.2	828.8	897.3	966.8	1031.4	1097.8	1154.4	1202.3	1243.0
-60°	570.9	632.4	693.6	757.4	822.4	884.6	946.1	1006.6	1067.4	1124.2	1159.3
-62.5°	515.6	571.0	625.7	681.6	740.5	798.3	853.2	908.8	965.4	1014.8	1057.7
-65°	455.4	507.5	556.9	606.1	655.5	707.0	757.2	805.7	854.4	901.6	944.0
-67.5°	394.0	441.7	486.9	529.8	573.3	617.3	659.7	703.2	745.2	787.4	827.7
-70°	338.2	376.2	416.3	455.0	492.0	529.2	566.9	603.3	638.8	675.1	711.0
-72.5°	283.0	316.3	348.8	380.5	413.2	445.2	476.1	505.8	536.5	567.8	597.7
-75°	229.7	256.0	283.6	310.8	337.2	362.7	387.7	413.1	438.8	464.4	488.8
-77.5°	178.2	201.2	222.8	243.0	262.5	283.8	304.3	324.1	344.6	364.9	384.4
-80°	130.1	146.2	164.7	182.2	197.6	212.1	226.2	239.8	254.4	270.2	286.1
-82.5°	88.5	100.1	111.9	123.9	134.4	144.4	154.3	164.5	174.6	184.7	194.7
-85°	49.5	53.5	60.7	67.9	74.9	81.5	88.0	94.2	100.1	105.8	111.1
-87.5°	24.7	26.8	28.8	30.7	32.6	34.4	36.2	37.9	39.5	41.1	42.5
-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: P627767 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-740-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°	43.9	43.3	42.5	41.6	40.4	43.3	46.1	49.0	51.8	50.1	48.4
85°	116.2	118.8	121.0	122.9	124.4	130.0	135.4	140.4	145.0	144.9	144.3
82.5°	204.5	211.0	216.7	221.8	226.3	232.7	238.6	243.6	247.9	251.1	253.8
80°	301.3	312.0	321.1	329.5	336.9	345.5	353.5	360.5	366.7	370.1	372.2
77.5°	403.6	419.2	433.2	446.5	459.1	471.6	483.1	493.2	502.1	504.2	503.7
75°	512.0	533.0	552.6	570.9	587.7	602.2	614.4	624.7	633.1	637.2	639.5
72.5°	626.2	652.0	675.1	696.0	713.9	728.8	741.7	752.9	762.3	768.3	771.8
70°	745.2	775.7	799.5	819.1	834.4	849.2	865.9	881.7	896.5	904.9	908.1
67.5°	864.6	896.2	918.0	935.9	949.9	964.5	985.4	1004.3	1021.0	1032.4	1039.6
65°	981.4	1014.7	1036.6	1053.7	1066.6	1081.2	1104.7	1123.3	1137.6	1148.9	1159.1
62.5°	1096.9	1130.5	1154.8	1175.1	1193.9	1210.0	1229.2	1244.9	1257.1	1268.3	1280.9
60°	1196.9	1236.8	1262.3	1282.9	1306.2	1331.3	1345.4	1357.2	1367.4	1376.4	1384.2
57.5°	1278.6	1314.2	1346.9	1371.8	1396.0	1419.3	1436.0	1447.0	1456.0	1462.7	1465.3
55°	1347.1	1383.7	1420.3	1447.2	1470.9	1492.7	1511.0	1525.5	1537.4	1546.8	1549.0
52.5°	1408.3	1449.5	1485.4	1516.4	1547.8	1573.5	1593.7	1613.3	1630.4	1644.2	1650.1
50°	1474.9	1518.1	1562.9	1604.5	1637.9	1667.3	1691.7	1719.4	1748.5	1772.6	1787.8
47.5°	1545.1	1594.8	1648.9	1700.0	1739.7	1783.2	1823.7	1864.8	1919.0	1964.5	1998.3
45°	1618.4	1682.2	1744.0	1809.0	1863.7	1945.7	2021.9	2087.3	2174.2	2253.0	2315.6
42.5°	1705.0	1784.4	1860.3	1964.4	2073.4	2185.4	2306.4	2409.7	2545.5	2683.8	2795.5
40°	1807.6	1909.1	2042.7	2182.5	2354.5	2508.6	2717.5	2903.7	3112.2	3375.7	3593.5
37.5°	1931.1	2087.5	2273.4	2468.2	2736.5	2992.7	3338.1	3702.1	4032.4	4539.4	4966.0
35°	2091.5	2310.2	2554.9	2899.7	3279.4	3759.7	4298.5	5001.6	5604.5	6459.7	7277.0
32.5°	2298.2	2579.4	2979.0	3511.3	4072.5	4944.5	5799.5	7020.3	8150.6	9506.0	10968.9
30°	2528.2	2956.2	3566.7	4296.7	5343.7	6626.6	8133.7	10008.6	12060.4	13965.6	15842.9
27.5°	2861.5	3474.7	4276.8	5454.9	7086.5	8881.3	11522.0	14067.0	16722.4	19082.7	21051.2
25°	3250.7	4061.1	5301.3	7036.0	9242.7	12316.0	15477.0	18618.2	21473.8	23944.8	26119.9
22.5°	3753.3	4918.8	6572.2	8819.1	12255.2	15938.8	19645.6	23110.2	26156.3	28908.0	31262.5
20°	4300.0	5758.4	8119.5	11470.1	15399.6	19596.2	23781.6	27472.2	30826.2	33946.1	36599.8
17.5°	4992.8	7035.2	10025.3	14044.7	18587.8	23185.8	27582.7	31587.8	35392.9	38694.4	41467.1
15°	5583.2	8159.7	12062.1	16776.1	21690.1	26540.3	31182.4	35532.7	39488.9	42876.3	45482.8
12.5°	6370.8	9420.0	13870.6	19124.2	24449.3	29552.8	34442.4	38938.7	42964.9	46314.9	48344.0
10°	7115.3	10724.8	15618.5	21097.3	26629.6	32067.3	37288.0	41899.4	45637.4	48302.4	50031.6
7.5°	7748.2	11846.2	17040.3	22692.1	28361.9	34047.0	39331.7	43818.5	47265.1	49490.7	50694.5
5°	8220.9	12684.4	18095.7	23988.1	29806.1	35591.0	40834.5	45046.5	48025.3	49678.7	50283.1
2.5°	8522.0	13176.7	18708.2	24838.3	30772.6	36567.9	41865.2	46011.2	48538.6	49634.4	49738.6
0°	8642.4	13240.4	18802.6	25284.3	31016.2	36846.2	42158.4	46408.2	48729.5	49631.2	49613.4
-2.5°	8522.0	13176.7	18708.2	24838.3	30772.6	36567.9	41865.2	46011.2	48538.6	49634.4	49738.6
-5°	8220.9	12684.4	18095.7	23988.1	29806.1	35591.0	40834.5	45046.5	48025.3	49678.7	50283.1
-7.5°	7748.2	11846.2	17040.3	22692.1	28361.9	34047.0	39331.7	43818.5	47265.1	49490.7	50694.5
-10°	7115.3	10724.8	15618.5	21097.3	26629.6	32067.3	37288.0	41899.4	45637.4	48302.4	50031.6
-12.5°	6370.8	9420.0	13870.6	19124.2	24449.3	29552.8	34442.4	38938.7	42964.9	46314.9	48344.0
-15°	5583.2	8159.7	12062.1	16776.1	21690.1	26540.3	31182.4	35532.7	39488.9	42876.3	45482.8
-17.5°	4992.8	7035.2	10025.3	14044.7	18587.8	23185.8	27582.7	31587.8	35392.9	38694.4	41467.1
-20°	4300.0	5758.4	8119.5	11470.1	15399.6	19596.2	23781.6	27472.2	30826.2	33946.1	36599.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627767 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3753.3	4918.8	6572.2	8819.1	12255.2	15938.8	19645.6	23110.2	26156.3	28908.0	31262.5
-25°	3250.7	4061.1	5301.3	7036.0	9242.7	12316.0	15477.0	18618.2	21473.8	23944.8	26119.9
-27.5°	2861.5	3474.7	4276.8	5454.9	7086.5	8881.3	11522.0	14067.0	16722.4	19082.7	21051.2
-30°	2528.2	2956.2	3566.7	4296.7	5343.7	6626.6	8133.7	10008.6	12060.4	13965.6	15842.9
-32.5°	2298.2	2579.4	2979.0	3511.3	4072.5	4944.5	5799.5	7020.3	8150.6	9506.0	10968.9
-35°	2091.5	2310.2	2554.9	2899.7	3279.4	3759.7	4298.5	5001.6	5604.5	6459.7	7277.0
-37.5°	1931.1	2087.5	2273.4	2468.2	2736.5	2992.7	3338.1	3702.1	4032.4	4539.4	4966.0
-40°	1807.6	1909.1	2042.7	2182.5	2354.5	2508.6	2717.5	2903.7	3112.2	3375.7	3593.5
-42.5°	1705.0	1784.4	1860.3	1964.4	2073.4	2185.4	2306.4	2409.7	2545.5	2683.8	2795.5
-45°	1618.4	1682.2	1744.0	1809.0	1863.7	1945.7	2021.9	2087.3	2174.2	2253.0	2315.6
-47.5°	1545.1	1594.8	1648.9	1700.0	1739.7	1783.2	1823.7	1864.8	1919.0	1964.5	1998.3
-50°	1474.9	1518.1	1562.9	1604.5	1637.9	1667.3	1691.7	1719.4	1748.5	1772.6	1787.8
-52.5°	1408.3	1449.5	1485.4	1516.4	1547.8	1573.5	1593.7	1613.3	1630.4	1644.2	1650.1
-55°	1347.1	1383.7	1420.3	1447.2	1470.9	1492.7	1511.0	1525.5	1537.4	1546.8	1549.0
-57.5°	1278.6	1314.2	1346.9	1371.8	1396.0	1419.3	1436.0	1447.0	1456.0	1462.7	1465.3
-60°	1196.9	1236.8	1262.3	1282.9	1306.2	1331.3	1345.4	1357.2	1367.4	1376.4	1384.2
-62.5°	1096.9	1130.5	1154.8	1175.1	1193.9	1210.0	1229.2	1244.9	1257.1	1268.3	1280.9
-65°	981.4	1014.7	1036.6	1053.7	1066.6	1081.2	1104.7	1123.3	1137.6	1148.9	1159.1
-67.5°	864.6	896.2	918.0	935.9	949.9	964.5	985.4	1004.3	1021.0	1032.4	1039.6
-70°	745.2	775.7	799.5	819.1	834.4	849.2	865.9	881.7	896.5	904.9	908.1
-72.5°	626.2	652.0	675.1	696.0	713.9	728.8	741.7	752.9	762.3	768.3	771.8
-75°	512.0	533.0	552.6	570.9	587.7	602.2	614.4	624.7	633.1	637.2	639.5
-77.5°	403.6	419.2	433.2	446.5	459.1	471.6	483.1	493.2	502.1	504.2	503.7
-80°	301.3	312.0	321.1	329.5	336.9	345.5	353.5	360.5	366.7	370.1	372.2
-82.5°	204.5	211.0	216.7	221.8	226.3	232.7	238.6	243.6	247.9	251.1	253.8
-85°	116.2	118.8	121.0	122.9	124.4	130.0	135.4	140.4	145.0	144.9	144.3
-87.5°	43.9	43.3	42.5	41.6	40.4	43.3	46.1	49.0	51.8	50.1	48.4
-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: P627767 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-740-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°	46.5	44.4	44.6	44.6	44.6	44.4	46.5	48.4	50.1	51.8	49.0
85°	143.4	142.1	138.2	133.9	138.2	142.1	143.4	144.3	144.9	145.0	140.4
82.5°	256.0	257.6	254.2	250.0	254.2	257.6	256.0	253.8	251.1	247.9	243.6
80°	373.2	373.3	370.2	366.1	370.2	373.3	373.2	372.2	370.1	366.7	360.5
77.5°	501.5	497.9	499.4	500.0	499.4	497.9	501.5	503.7	504.2	502.1	493.2
75°	640.4	639.8	637.7	633.9	637.7	639.8	640.4	639.5	637.2	633.1	624.7
72.5°	773.5	773.5	771.5	767.8	771.5	773.5	773.5	771.8	768.3	762.3	752.9
70°	908.9	907.3	909.6	910.7	909.6	907.3	908.9	908.1	904.9	896.5	881.7
67.5°	1045.1	1048.7	1048.2	1044.6	1048.2	1048.7	1045.1	1039.6	1032.4	1021.0	1004.3
65°	1167.3	1173.4	1177.2	1178.5	1177.2	1173.4	1167.3	1159.1	1148.9	1137.6	1123.3
62.5°	1290.8	1297.8	1298.2	1294.6	1298.2	1297.8	1290.8	1280.9	1268.3	1257.1	1244.9
60°	1388.5	1389.6	1387.9	1383.9	1387.9	1389.6	1388.5	1384.2	1376.4	1367.4	1357.2
57.5°	1465.2	1462.7	1459.6	1455.3	1459.6	1462.7	1465.2	1465.3	1462.7	1456.0	1447.0
55°	1547.8	1543.5	1539.9	1535.6	1539.9	1543.5	1547.8	1549.0	1546.8	1537.4	1525.5
52.5°	1651.4	1649.2	1646.6	1642.8	1646.6	1649.2	1651.4	1650.1	1644.2	1630.4	1613.3
50°	1795.6	1797.8	1797.6	1794.5	1797.6	1797.8	1795.6	1787.8	1772.6	1748.5	1719.4
47.5°	2019.6	2031.6	2039.6	2044.5	2039.6	2031.6	2019.6	1998.3	1964.5	1919.0	1864.8
45°	2355.7	2379.6	2396.5	2410.6	2396.5	2379.6	2355.7	2315.6	2253.0	2174.2	2087.3
42.5°	2874.1	2927.5	2952.7	2946.3	2952.7	2927.5	2874.1	2795.5	2683.8	2545.5	2409.7
40°	3738.6	3824.7	3872.4	3910.5	3872.4	3824.7	3738.6	3593.5	3375.7	3112.2	2903.7
37.5°	5257.2	5424.4	5512.4	5589.0	5512.4	5424.4	5257.2	4966.0	4539.4	4032.4	3702.1
35°	7887.6	8263.7	8465.2	8535.3	8465.2	8263.7	7887.6	7277.0	6459.7	5604.5	5001.6
32.5°	12107.2	12801.2	13185.0	13481.4	13185.0	12801.2	12107.2	10968.9	9506.0	8150.6	7020.3
30°	17329.4	18243.5	18751.2	18999.0	18751.2	18243.5	17329.4	15842.9	13965.6	12060.4	10008.6
27.5°	22682.9	23722.0	24269.3	24239.8	24269.3	23722.0	22682.9	21051.2	19082.7	16722.4	14067.0
25°	27984.6	29188.1	29733.4	30221.6	29733.4	29188.1	27984.6	26119.9	23944.8	21473.8	18618.2
22.5°	33346.6	34754.0	35521.9	35882.0	35521.9	34754.0	33346.6	31262.5	28908.0	26156.3	23110.2
20°	38644.9	40211.5	41026.7	41381.7	41026.7	40211.5	38644.9	36599.8	33946.1	30826.2	27472.2
17.5°	43343.9	44873.2	45650.3	45979.6	45650.3	44873.2	43343.9	41467.1	38694.4	35392.9	31587.8
15°	47096.0	48224.0	48884.8	49059.8	48884.8	48224.0	47096.0	45482.8	42876.3	39488.9	35532.7
12.5°	49689.6	50126.6	50444.4	50541.9	50444.4	50126.6	49689.6	48344.0	46314.9	42964.9	38938.7
10°	51015.5	50818.4	50736.9	50747.2	50736.9	50818.4	51015.5	50031.6	48302.4	45637.4	41899.4
7.5°	50924.3	50632.4	50046.0	49952.6	50046.0	50632.4	50924.3	50694.5	49490.7	47265.1	43818.5
5°	50192.7	49661.1	48687.9	48408.1	48687.9	49661.1	50192.7	50283.1	49678.7	48025.3	45046.5
2.5°	49340.0	48381.7	47485.1	46908.2	47485.1	48381.7	49340.0	49738.6	49634.4	48538.6	46011.2
0°	49086.6	47979.5	46818.9	46443.9	46818.9	47979.5	49086.6	49613.4	49631.2	48729.5	46408.2
-2.5°	49340.0	48381.7	47485.1	46908.2	47485.1	48381.7	49340.0	49738.6	49634.4	48538.6	46011.2
-5°	50192.7	49661.1	48687.9	48408.1	48687.9	49661.1	50192.7	50283.1	49678.7	48025.3	45046.5
-7.5°	50924.3	50632.4	50046.0	49952.6	50046.0	50632.4	50924.3	50694.5	49490.7	47265.1	43818.5
-10°	51015.5	50818.4	50736.9	50747.2	50736.9	50818.4	51015.5	50031.6	48302.4	45637.4	41899.4
-12.5°	49689.6	50126.6	50444.4	50541.9	50444.4	50126.6	49689.6	48344.0	46314.9	42964.9	38938.7
-15°	47096.0	48224.0	48884.8	49059.8	48884.8	48224.0	47096.0	45482.8	42876.3	39488.9	35532.7
-17.5°	43343.9	44873.2	45650.3	45979.6	45650.3	44873.2	43343.9	41467.1	38694.4	35392.9	31587.8
-20°	38644.9	40211.5	41026.7	41381.7	41026.7	40211.5	38644.9	36599.8	33946.1	30826.2	27472.2



REPORT NUMBER: P627767 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-740-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°	33346.6	34754.0	35521.9	35882.0	35521.9	34754.0	33346.6	31262.5	28908.0	26156.3	23110.2
-25°	27984.6	29188.1	29733.4	30221.6	29733.4	29188.1	27984.6	26119.9	23944.8	21473.8	18618.2
-27.5°	22682.9	23722.0	24269.3	24239.8	24269.3	23722.0	22682.9	21051.2	19082.7	16722.4	14067.0
-30°	17329.4	18243.5	18751.2	18999.0	18751.2	18243.5	17329.4	15842.9	13965.6	12060.4	10008.6
-32.5°	12107.2	12801.2	13185.0	13481.4	13185.0	12801.2	12107.2	10968.9	9506.0	8150.6	7020.3
-35°	7887.6	8263.7	8465.2	8535.3	8465.2	8263.7	7887.6	7277.0	6459.7	5604.5	5001.6
-37.5°	5257.2	5424.4	5512.4	5589.0	5512.4	5424.4	5257.2	4966.0	4539.4	4032.4	3702.1
-40°	3738.6	3824.7	3872.4	3910.5	3872.4	3824.7	3738.6	3593.5	3375.7	3112.2	2903.7
-42.5°	2874.1	2927.5	2952.7	2946.3	2952.7	2927.5	2874.1	2795.5	2683.8	2545.5	2409.7
-45°	2355.7	2379.6	2396.5	2410.6	2396.5	2379.6	2355.7	2315.6	2253.0	2174.2	2087.3
-47.5°	2019.6	2031.6	2039.6	2044.5	2039.6	2031.6	2019.6	1998.3	1964.5	1919.0	1864.8
-50°	1795.6	1797.8	1797.6	1794.5	1797.6	1797.8	1795.6	1787.8	1772.6	1748.5	1719.4
-52.5°	1651.4	1649.2	1646.6	1642.8	1646.6	1649.2	1651.4	1650.1	1644.2	1630.4	1613.3
-55°	1547.8	1543.5	1539.9	1535.6	1539.9	1543.5	1547.8	1549.0	1546.8	1537.4	1525.5
-57.5°	1465.2	1462.7	1459.6	1455.3	1459.6	1462.7	1465.2	1465.3	1462.7	1456.0	1447.0
-60°	1388.5	1389.6	1387.9	1383.9	1387.9	1389.6	1388.5	1384.2	1376.4	1367.4	1357.2
-62.5°	1290.8	1297.8	1298.2	1294.6	1298.2	1297.8	1290.8	1280.9	1268.3	1257.1	1244.9
-65°	1167.3	1173.4	1177.2	1178.5	1177.2	1173.4	1167.3	1159.1	1148.9	1137.6	1123.3
-67.5°	1045.1	1048.7	1048.2	1044.6	1048.2	1048.7	1045.1	1039.6	1032.4	1021.0	1004.3
-70°	908.9	907.3	909.6	910.7	909.6	907.3	908.9	908.1	904.9	896.5	881.7
-72.5°	773.5	773.5	771.5	767.8	771.5	773.5	773.5	771.8	768.3	762.3	752.9
-75°	640.4	639.8	637.7	633.9	637.7	639.8	640.4	639.5	637.2	633.1	624.7
-77.5°	501.5	497.9	499.4	500.0	499.4	497.9	501.5	503.7	504.2	502.1	493.2
-80°	373.2	373.3	370.2	366.1	370.2	373.3	373.2	372.2	370.1	366.7	360.5
-82.5°	256.0	257.6	254.2	250.0	254.2	257.6	256.0	253.8	251.1	247.9	243.6
-85°	143.4	142.1	138.2	133.9	138.2	142.1	143.4	144.3	144.9	145.0	140.4
-87.5°	46.5	44.4	44.6	44.6	44.6	44.4	46.5	48.4	50.1	51.8	49.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627767 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-740-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°	46.1	43.3	40.4	41.6	42.5	43.3	43.9	42.5	41.1	39.5	37.9
85°	135.4	130.0	124.4	122.9	121.0	118.8	116.2	111.1	105.8	100.1	94.2
82.5°	238.6	232.7	226.3	221.8	216.7	211.0	204.5	194.7	184.7	174.6	164.5
80°	353.5	345.5	336.9	329.5	321.1	312.0	301.3	286.1	270.2	254.4	239.8
77.5°	483.1	471.6	459.1	446.5	433.2	419.2	403.6	384.4	364.9	344.6	324.1
75°	614.4	602.2	587.7	570.9	552.6	533.0	512.0	488.8	464.4	438.8	413.1
72.5°	741.7	728.8	713.9	696.0	675.1	652.0	626.2	597.7	567.8	536.5	505.8
70°	865.9	849.2	834.4	819.1	799.5	775.7	745.2	711.0	675.1	638.8	603.3
67.5°	985.4	964.5	949.9	935.9	918.0	896.2	864.6	827.7	787.4	745.2	703.2
65°	1104.7	1081.2	1066.6	1053.7	1036.6	1014.7	981.4	944.0	901.6	854.4	805.7
62.5°	1229.2	1210.0	1193.9	1175.1	1154.8	1130.5	1096.9	1057.7	1014.8	965.4	908.8
60°	1345.4	1331.3	1306.2	1282.9	1262.3	1236.8	1196.9	1159.3	1124.2	1067.4	1006.6
57.5°	1436.0	1419.3	1396.0	1371.8	1346.9	1314.2	1278.6	1243.0	1202.3	1154.4	1097.8
55°	1511.0	1492.7	1470.9	1447.2	1420.3	1383.7	1347.1	1309.0	1269.8	1229.8	1174.5
52.5°	1593.7	1573.5	1547.8	1516.4	1485.4	1449.5	1408.3	1367.9	1331.3	1290.5	1245.1
50°	1691.7	1667.3	1637.9	1604.5	1562.9	1518.1	1474.9	1427.7	1389.3	1349.6	1303.5
47.5°	1823.7	1783.2	1739.7	1700.0	1648.9	1594.8	1545.1	1496.5	1451.1	1408.2	1361.1
45°	2021.9	1945.7	1863.7	1809.0	1744.0	1682.2	1618.4	1563.7	1511.6	1463.2	1419.1
42.5°	2306.4	2185.4	2073.4	1964.4	1860.3	1784.4	1705.0	1636.9	1574.0	1516.7	1464.9
40°	2717.5	2508.6	2354.5	2182.5	2042.7	1909.1	1807.6	1715.1	1642.2	1574.0	1511.1
37.5°	3338.1	2992.7	2736.5	2468.2	2273.4	2087.5	1931.1	1810.6	1711.6	1632.6	1559.4
35°	4298.5	3759.7	3279.4	2899.7	2554.9	2310.2	2091.5	1922.7	1796.0	1692.8	1607.3
32.5°	5799.5	4944.5	4072.5	3511.3	2979.0	2579.4	2298.2	2065.8	1886.4	1763.5	1660.8
30°	8133.7	6626.6	5343.7	4296.7	3566.7	2956.2	2528.2	2244.1	2014.5	1835.2	1715.0
27.5°	11522.0	8881.3	7086.5	5454.9	4276.8	3474.7	2861.5	2434.8	2149.4	1935.4	1777.2
25°	15477.0	12316.0	9242.7	7036.0	5301.3	4061.1	3250.7	2701.9	2316.3	2039.9	1831.9
22.5°	19645.6	15938.8	12255.2	8819.1	6572.2	4918.8	3753.3	2971.3	2474.0	2151.2	1911.4
20°	23781.6	19596.2	15399.6	11470.1	8119.5	5758.4	4300.0	3328.8	2694.0	2276.0	1986.8
17.5°	27582.7	23185.8	18587.8	14044.7	10025.3	7035.2	4992.8	3690.3	2885.9	2386.9	2052.1
15°	31182.4	26540.3	21690.1	16776.1	12062.1	8159.7	5583.2	4005.2	3085.5	2515.7	2137.5
12.5°	34442.4	29552.8	24449.3	19124.2	13870.6	9420.0	6370.8	4469.3	3330.8	2649.4	2218.0
10°	37288.0	32067.3	26629.6	21097.3	15618.5	10724.8	7115.3	4865.3	3543.2	2760.2	2283.8
7.5°	39331.7	34047.0	28361.9	22692.1	17040.3	11846.2	7748.2	5178.7	3710.0	2845.1	2334.6
5°	40834.5	35591.0	29806.1	23988.1	18095.7	12684.4	8220.9	5399.1	3829.3	2903.8	2369.8
2.5°	41865.2	36567.9	30772.6	24838.3	18708.2	13176.7	8522.0	5517.6	3885.7	2949.9	2389.2
0°	42158.4	36846.2	31016.2	25284.3	18802.6	13240.4	8642.4	5535.4	3883.7	2973.1	2392.7
-2.5°	41865.2	36567.9	30772.6	24838.3	18708.2	13176.7	8522.0	5517.6	3885.7	2949.9	2389.2
-5°	40834.5	35591.0	29806.1	23988.1	18095.7	12684.4	8220.9	5399.1	3829.3	2903.8	2369.8
-7.5°	39331.7	34047.0	28361.9	22692.1	17040.3	11846.2	7748.2	5178.7	3710.0	2845.1	2334.6
-10°	37288.0	32067.3	26629.6	21097.3	15618.5	10724.8	7115.3	4865.3	3543.2	2760.2	2283.8
-12.5°	34442.4	29552.8	24449.3	19124.2	13870.6	9420.0	6370.8	4469.3	3330.8	2649.4	2218.0
-15°	31182.4	26540.3	21690.1	16776.1	12062.1	8159.7	5583.2	4005.2	3085.5	2515.7	2137.5
-17.5°	27582.7	23185.8	18587.8	14044.7	10025.3	7035.2	4992.8	3690.3	2885.9	2386.9	2052.1
-20°	23781.6	19596.2	15399.6	11470.1	8119.5	5758.4	4300.0	3328.8	2694.0	2276.0	1986.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627767 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	19645.6	15938.8	12255.2	8819.1	6572.2	4918.8	3753.3	2971.3	2474.0	2151.2	1911.4
-25°	15477.0	12316.0	9242.7	7036.0	5301.3	4061.1	3250.7	2701.9	2316.3	2039.9	1831.9
-27.5°	11522.0	8881.3	7086.5	5454.9	4276.8	3474.7	2861.5	2434.8	2149.4	1935.4	1777.2
-30°	8133.7	6626.6	5343.7	4296.7	3566.7	2956.2	2528.2	2244.1	2014.5	1835.2	1715.0
-32.5°	5799.5	4944.5	4072.5	3511.3	2979.0	2579.4	2298.2	2065.8	1886.4	1763.5	1660.8
-35°	4298.5	3759.7	3279.4	2899.7	2554.9	2310.2	2091.5	1922.7	1796.0	1692.8	1607.3
-37.5°	3338.1	2992.7	2736.5	2468.2	2273.4	2087.5	1931.1	1810.6	1711.6	1632.6	1559.4
-40°	2717.5	2508.6	2354.5	2182.5	2042.7	1909.1	1807.6	1715.1	1642.2	1574.0	1511.1
-42.5°	2306.4	2185.4	2073.4	1964.4	1860.3	1784.4	1705.0	1636.9	1574.0	1516.7	1464.9
-45°	2021.9	1945.7	1863.7	1809.0	1744.0	1682.2	1618.4	1563.7	1511.6	1463.2	1419.1
-47.5°	1823.7	1783.2	1739.7	1700.0	1648.9	1594.8	1545.1	1496.5	1451.1	1408.2	1361.1
-50°	1691.7	1667.3	1637.9	1604.5	1562.9	1518.1	1474.9	1427.7	1389.3	1349.6	1303.5
-52.5°	1593.7	1573.5	1547.8	1516.4	1485.4	1449.5	1408.3	1367.9	1331.3	1290.5	1245.1
-55°	1511.0	1492.7	1470.9	1447.2	1420.3	1383.7	1347.1	1309.0	1269.8	1229.8	1174.5
-57.5°	1436.0	1419.3	1396.0	1371.8	1346.9	1314.2	1278.6	1243.0	1202.3	1154.4	1097.8
-60°	1345.4	1331.3	1306.2	1282.9	1262.3	1236.8	1196.9	1159.3	1124.2	1067.4	1006.6
-62.5°	1229.2	1210.0	1193.9	1175.1	1154.8	1130.5	1096.9	1057.7	1014.8	965.4	908.8
-65°	1104.7	1081.2	1066.6	1053.7	1036.6	1014.7	981.4	944.0	901.6	854.4	805.7
-67.5°	985.4	964.5	949.9	935.9	918.0	896.2	864.6	827.7	787.4	745.2	703.2
-70°	865.9	849.2	834.4	819.1	799.5	775.7	745.2	711.0	675.1	638.8	603.3
-72.5°	741.7	728.8	713.9	696.0	675.1	652.0	626.2	597.7	567.8	536.5	505.8
-75°	614.4	602.2	587.7	570.9	552.6	533.0	512.0	488.8	464.4	438.8	413.1
-77.5°	483.1	471.6	459.1	446.5	433.2	419.2	403.6	384.4	364.9	344.6	324.1
-80°	353.5	345.5	336.9	329.5	321.1	312.0	301.3	286.1	270.2	254.4	239.8
-82.5°	238.6	232.7	226.3	221.8	216.7	211.0	204.5	194.7	184.7	174.6	164.5
-85°	135.4	130.0	124.4	122.9	121.0	118.8	116.2	111.1	105.8	100.1	94.2
-87.5°	46.1	43.3	40.4	41.6	42.5	43.3	43.9	42.5	41.1	39.5	37.9
-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: P627767 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-740-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°	36.2	34.4	32.6	30.7	28.8	26.8	24.7	22.6	19.6	16.8	14.1
85°	88.0	81.5	74.9	67.9	60.7	53.5	49.5	45.2	39.2	33.5	28.1
82.5°	154.3	144.4	134.4	123.9	111.9	100.1	88.5	77.1	64.5	51.2	42.0
80°	226.2	212.1	197.6	182.2	164.7	146.2	130.1	114.5	99.1	82.9	65.6
77.5°	304.3	283.8	262.5	243.0	222.8	201.2	178.2	154.3	133.7	114.4	93.9
75°	387.7	362.7	337.2	310.8	283.6	256.0	229.7	202.2	174.6	146.4	122.1
72.5°	476.1	445.2	413.2	380.5	348.8	316.3	283.0	249.7	217.5	184.7	151.5
70°	566.9	529.2	492.0	455.0	416.3	376.2	338.2	299.1	259.9	222.6	184.7
67.5°	659.7	617.3	573.3	529.8	486.9	441.7	394.0	348.2	303.6	259.9	217.5
65°	757.2	707.0	655.5	606.1	556.9	507.5	455.4	398.3	346.4	297.5	249.7
62.5°	853.2	798.3	740.5	681.6	625.7	571.0	515.6	452.1	389.5	334.2	281.4
60°	946.1	884.6	822.4	757.4	693.6	632.4	570.9	504.5	436.2	370.0	312.3
57.5°	1031.4	966.8	897.3	828.8	760.2	692.4	624.4	553.9	481.6	408.8	342.4
55°	1111.4	1041.1	968.5	894.5	822.5	750.3	676.5	601.3	525.2	447.5	371.8
52.5°	1186.5	1113.1	1036.0	957.5	879.5	805.0	727.1	647.4	566.7	484.8	404.2
50°	1252.2	1183.1	1101.6	1018.6	934.2	855.4	776.2	692.0	606.8	520.6	435.7
47.5°	1307.4	1243.9	1165.2	1077.8	989.0	904.8	822.3	735.1	645.5	555.0	466.0
45°	1361.3	1300.2	1224.0	1134.7	1043.1	954.2	866.5	776.5	682.7	588.2	495.0
42.5°	1411.9	1350.8	1279.7	1189.4	1094.8	1001.6	909.6	815.7	718.3	619.7	522.5
40°	1454.9	1395.1	1332.1	1242.1	1143.6	1046.3	950.5	853.4	752.3	649.8	548.5
37.5°	1496.8	1435.6	1370.6	1291.7	1189.3	1088.4	988.8	889.6	785.2	678.9	573.0
35°	1537.5	1474.1	1405.2	1330.1	1231.9	1127.5	1024.7	923.4	816.0	706.6	596.0
32.5°	1573.7	1508.6	1437.0	1361.3	1271.1	1163.7	1057.9	953.1	844.6	732.8	617.3
30°	1616.9	1537.6	1465.7	1391.9	1304.6	1196.8	1088.5	980.8	871.0	757.6	637.3
27.5°	1658.2	1565.5	1491.4	1417.3	1330.9	1226.9	1117.0	1006.4	895.1	780.1	657.1
25°	1698.1	1597.3	1515.2	1438.6	1356.1	1255.6	1143.0	1029.9	916.3	799.8	675.4
22.5°	1744.1	1626.5	1537.5	1457.0	1380.3	1281.6	1166.6	1051.1	935.2	817.4	692.1
20°	1785.1	1650.6	1558.1	1474.5	1398.4	1301.3	1187.7	1070.0	952.1	833.0	707.2
17.5°	1824.9	1677.9	1578.1	1491.3	1411.9	1318.5	1206.2	1086.6	966.9	846.5	720.6
15°	1880.4	1709.2	1595.6	1505.6	1423.4	1333.1	1222.0	1100.8	979.5	857.9	732.7
12.5°	1927.9	1735.4	1610.0	1517.3	1432.7	1345.2	1235.1	1112.6	989.9	868.1	743.4
10°	1966.4	1756.3	1621.3	1526.3	1439.9	1354.7	1245.5	1122.5	999.8	877.0	752.1
7.5°	1995.7	1771.9	1629.3	1532.8	1444.8	1361.7	1255.1	1131.4	1007.7	883.9	759.0
5°	2015.6	1782.1	1636.1	1536.4	1447.6	1365.9	1262.1	1137.7	1013.3	888.8	763.9
2.5°	2026.0	1786.7	1641.1	1537.4	1448.1	1367.3	1266.4	1141.5	1016.7	891.8	766.8
0°	2026.7	1785.6	1642.8	1535.6	1446.4	1366.0	1267.8	1142.8	1017.8	892.8	767.8
-2.5°	2026.0	1786.7	1641.1	1537.4	1448.1	1367.3	1266.4	1141.5	1016.7	891.8	766.8
-5°	2015.6	1782.1	1636.1	1536.4	1447.6	1365.9	1262.1	1137.7	1013.3	888.8	763.9
-7.5°	1995.7	1771.9	1629.3	1532.8	1444.8	1361.7	1255.1	1131.4	1007.7	883.9	759.0
-10°	1966.4	1756.3	1621.3	1526.3	1439.9	1354.7	1245.5	1122.5	999.8	877.0	752.1
-12.5°	1927.9	1735.4	1610.0	1517.3	1432.7	1345.2	1235.1	1112.6	989.9	868.1	743.4
-15°	1880.4	1709.2	1595.6	1505.6	1423.4	1333.1	1222.0	1100.8	979.5	857.9	732.7
-17.5°	1824.9	1677.9	1578.1	1491.3	1411.9	1318.5	1206.2	1086.6	966.9	846.5	720.6
-20°	1785.1	1650.6	1558.1	1474.5	1398.4	1301.3	1187.7	1070.0	952.1	833.0	707.2

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

Scaled Data Report



REPORT NUMBER: P627767 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-740-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°	1744.1	1626.5	1537.5	1457.0	1380.3	1281.6	1166.6	1051.1	935.2	817.4	692.1
-25°	1698.1	1597.3	1515.2	1438.6	1356.1	1255.6	1143.0	1029.9	916.3	799.8	675.4
-27.5°	1658.2	1565.5	1491.4	1417.3	1330.9	1226.9	1117.0	1006.4	895.1	780.1	657.1
-30°	1616.9	1537.6	1465.7	1391.9	1304.6	1196.8	1088.5	980.8	871.0	757.6	637.3
-32.5°	1573.7	1508.6	1437.0	1361.3	1271.1	1163.7	1057.9	953.1	844.6	732.8	617.3
-35°	1537.5	1474.1	1405.2	1330.1	1231.9	1127.5	1024.7	923.4	816.0	706.6	596.0
-37.5°	1496.8	1435.6	1370.6	1291.7	1189.3	1088.4	988.8	889.6	785.2	678.9	573.0
-40°	1454.9	1395.1	1332.1	1242.1	1143.6	1046.3	950.5	853.4	752.3	649.8	548.5
-42.5°	1411.9	1350.8	1279.7	1189.4	1094.8	1001.6	909.6	815.7	718.3	619.7	522.5
-45°	1361.3	1300.2	1224.0	1134.7	1043.1	954.2	866.5	776.5	682.7	588.2	495.0
-47.5°	1307.4	1243.9	1165.2	1077.8	989.0	904.8	822.3	735.1	645.5	555.0	466.0
-50°	1252.2	1183.1	1101.6	1018.6	934.2	855.4	776.2	692.0	606.8	520.6	435.7
-52.5°	1186.5	1113.1	1036.0	957.5	879.5	805.0	727.1	647.4	566.7	484.8	404.2
-55°	1111.4	1041.1	968.5	894.5	822.5	750.3	676.5	601.3	525.2	447.5	371.8
-57.5°	1031.4	966.8	897.3	828.8	760.2	692.4	624.4	553.9	481.6	408.8	342.4
-60°	946.1	884.6	822.4	757.4	693.6	632.4	570.9	504.5	436.2	370.0	312.3
-62.5°	853.2	798.3	740.5	681.6	625.7	571.0	515.6	452.1	389.5	334.2	281.4
-65°	757.2	707.0	655.5	606.1	556.9	507.5	455.4	398.3	346.4	297.5	249.7
-67.5°	659.7	617.3	573.3	529.8	486.9	441.7	394.0	348.2	303.6	259.9	217.5
-70°	566.9	529.2	492.0	455.0	416.3	376.2	338.2	299.1	259.9	222.6	184.7
-72.5°	476.1	445.2	413.2	380.5	348.8	316.3	283.0	249.7	217.5	184.7	151.5
-75°	387.7	362.7	337.2	310.8	283.6	256.0	229.7	202.2	174.6	146.4	122.1
-77.5°	304.3	283.8	262.5	243.0	222.8	201.2	178.2	154.3	133.7	114.4	93.9
-80°	226.2	212.1	197.6	182.2	164.7	146.2	130.1	114.5	99.1	82.9	65.6
-82.5°	154.3	144.4	134.4	123.9	111.9	100.1	88.5	77.1	64.5	51.2	42.0
-85°	88.0	81.5	74.9	67.9	60.7	53.5	49.5	45.2	39.2	33.5	28.1
-87.5°	36.2	34.4	32.6	30.7	28.8	26.8	24.7	22.6	19.6	16.8	14.1
-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: P627767 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-740-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°	11.5	9.7	7.7	5.8	3.9	1.9	0.0
85°	23.1	19.3	15.5	11.6	7.8	3.9	0.0
82.5°	34.5	28.9	23.2	17.4	11.6	5.8	0.0
80°	47.6	38.4	30.8	23.2	15.5	7.7	0.0
77.5°	72.5	51.9	38.4	28.9	19.3	9.7	0.0
75°	97.3	72.5	47.6	34.5	23.1	11.5	0.0
72.5°	121.7	93.0	64.0	40.1	26.8	13.4	0.0
70°	146.4	113.2	80.1	46.9	30.5	15.2	0.0
67.5°	174.3	133.0	96.1	58.9	34.1	17.1	0.0
65°	201.6	154.0	111.7	70.6	37.7	18.8	0.0
62.5°	228.3	176.0	127.0	82.1	41.1	20.6	0.0
60°	254.2	197.3	142.1	93.4	44.6	22.3	0.0
57.5°	280.2	218.1	158.4	104.4	51.7	24.0	0.0
55°	305.7	238.2	174.3	115.1	58.7	25.6	0.0
52.5°	330.6	257.9	189.7	125.4	65.5	27.1	0.0
50°	354.8	278.2	204.6	135.4	72.0	28.7	0.0
47.5°	378.7	297.8	218.8	145.3	78.2	30.1	0.0
45°	403.4	316.8	232.4	155.5	84.1	31.5	0.0
42.5°	426.9	335.1	245.3	165.2	89.8	32.9	0.0
40°	449.2	352.7	258.4	174.2	95.1	34.2	0.0
37.5°	470.3	369.5	271.8	182.5	100.1	35.4	0.0
35°	490.0	385.8	284.4	190.4	104.8	36.5	0.0
32.5°	508.4	401.2	296.3	197.7	109.2	37.6	0.0
30°	525.4	415.6	307.5	204.5	113.2	38.6	0.0
27.5°	541.0	428.8	317.4	210.8	116.9	39.6	0.0
25°	555.2	440.8	326.4	216.5	120.2	40.4	0.0
22.5°	567.9	451.5	334.6	221.6	123.2	41.2	0.0
20°	579.1	460.6	341.8	226.2	125.8	41.9	0.0
17.5°	589.3	468.5	348.1	230.2	128.0	42.5	0.0
15°	598.5	475.3	353.5	233.6	130.0	43.1	0.0
12.5°	606.4	480.9	358.0	236.3	131.5	43.5	0.0
10°	613.0	485.3	361.5	238.5	132.7	43.9	0.0
7.5°	618.2	488.6	364.1	240.1	133.5	44.2	0.0
5°	621.9	490.6	365.7	241.0	134.0	44.4	0.0
2.5°	624.2	491.4	366.4	241.4	134.1	44.6	0.0
0°	625.0	491.0	366.1	241.1	133.9	44.6	0.0
-2.5°	624.2	491.4	366.4	241.4	134.1	44.6	0.0
-5°	621.9	490.6	365.7	241.0	134.0	44.4	0.0
-7.5°	618.2	488.6	364.1	240.1	133.5	44.2	0.0
-10°	613.0	485.3	361.5	238.5	132.7	43.9	0.0
-12.5°	606.4	480.9	358.0	236.3	131.5	43.5	0.0
-15°	598.5	475.3	353.5	233.6	130.0	43.1	0.0
-17.5°	589.3	468.5	348.1	230.2	128.0	42.5	0.0
-20°	579.1	460.6	341.8	226.2	125.8	41.9	0.0

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REPORT NUMBER: P627767 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5E-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	567.9	451.5	334.6	221.6	123.2	41.2	0.0
-25°	555.2	440.8	326.4	216.5	120.2	40.4	0.0
-27.5°	541.0	428.8	317.4	210.8	116.9	39.6	0.0
-30°	525.4	415.6	307.5	204.5	113.2	38.6	0.0
-32.5°	508.4	401.2	296.3	197.7	109.2	37.6	0.0
-35°	490.0	385.8	284.4	190.4	104.8	36.5	0.0
-37.5°	470.3	369.5	271.8	182.5	100.1	35.4	0.0
-40°	449.2	352.7	258.4	174.2	95.1	34.2	0.0
-42.5°	426.9	335.1	245.3	165.2	89.8	32.9	0.0
-45°	403.4	316.8	232.4	155.5	84.1	31.5	0.0
-47.5°	378.7	297.8	218.8	145.3	78.2	30.1	0.0
-50°	354.8	278.2	204.6	135.4	72.0	28.7	0.0
-52.5°	330.6	257.9	189.7	125.4	65.5	27.1	0.0
-55°	305.7	238.2	174.3	115.1	58.7	25.6	0.0
-57.5°	280.2	218.1	158.4	104.4	51.7	24.0	0.0
-60°	254.2	197.3	142.1	93.4	44.6	22.3	0.0
-62.5°	228.3	176.0	127.0	82.1	41.1	20.6	0.0
-65°	201.6	154.0	111.7	70.6	37.7	18.8	0.0
-67.5°	174.3	133.0	96.1	58.9	34.1	17.1	0.0
-70°	146.4	113.2	80.1	46.9	30.5	15.2	0.0
-72.5°	121.7	93.0	64.0	40.1	26.8	13.4	0.0
-75°	97.3	72.5	47.6	34.5	23.1	11.5	0.0
-77.5°	72.5	51.9	38.4	28.9	19.3	9.7	0.0
-80°	47.6	38.4	30.8	23.2	15.5	7.7	0.0
-82.5°	34.5	28.9	23.2	17.4	11.6	5.8	0.0
-85°	23.1	19.3	15.5	11.6	7.8	3.9	0.0
-87.5°	11.5	9.7	7.7	5.8	3.9	1.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)