

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: P628007 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-740-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P628007 (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-SA6E-740-U-MWR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N150
Light Source: (96) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 51774.4 lumens
Efficiency: N/A
Efficacy: 137.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

Beam Angle (50%): 51°H x 52.3°V
Beam Lumens: 34364.8 lumens
Beam Efficiency: 66.4%

Field Angle (10%): 74.5°H x 75.5°V
Field Lumens: 44684.1 lumens
Field Efficiency: 86.3%

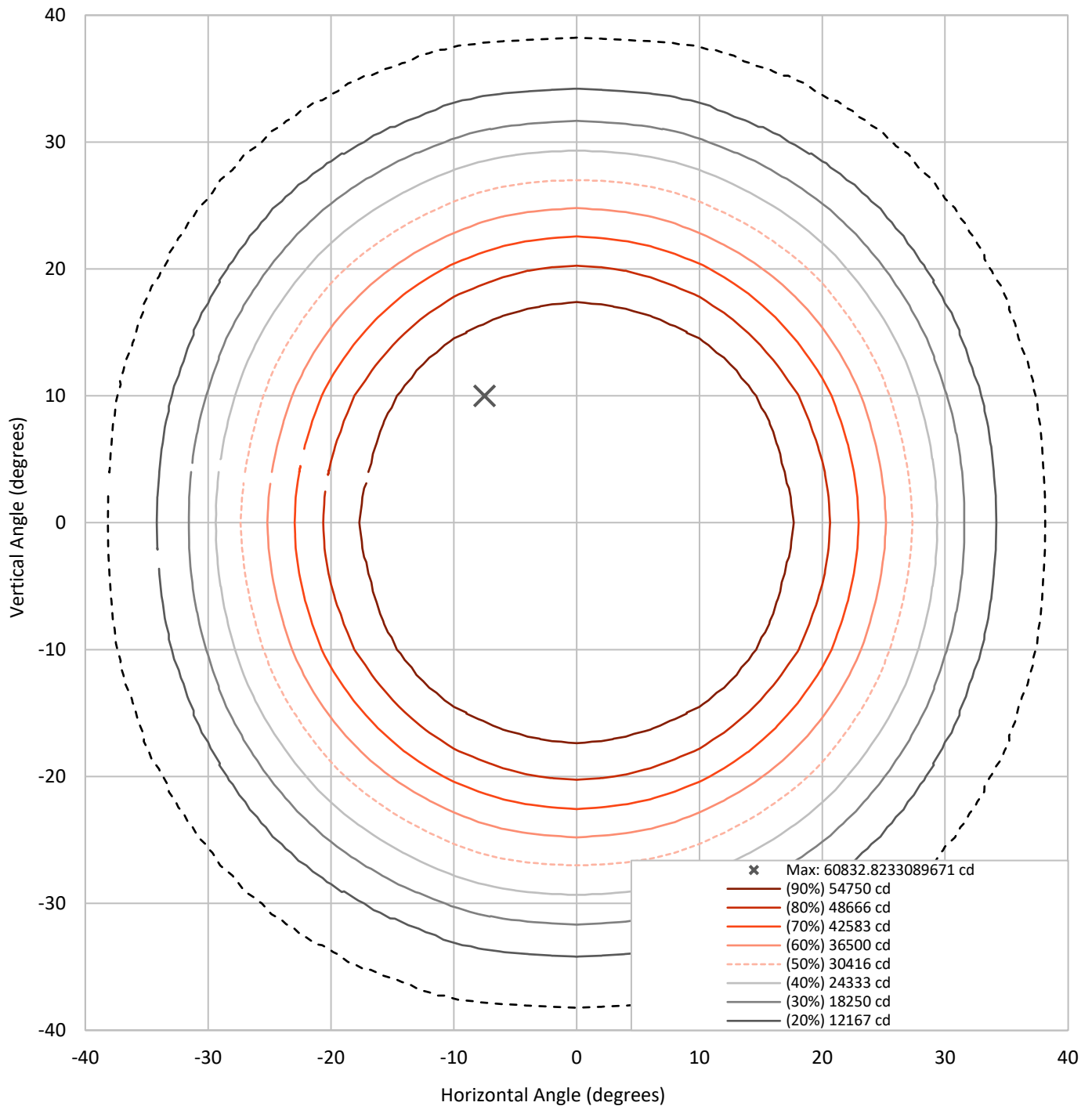
NEMA Type: 5H x 5V
Max Intensity: 60832.8 candela
Max Intensity Angle: -7.5°H x 10°V

Input Watts (W): 376.7
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-SA6E-740-U-MWR-XX

Iso-Candela Plot





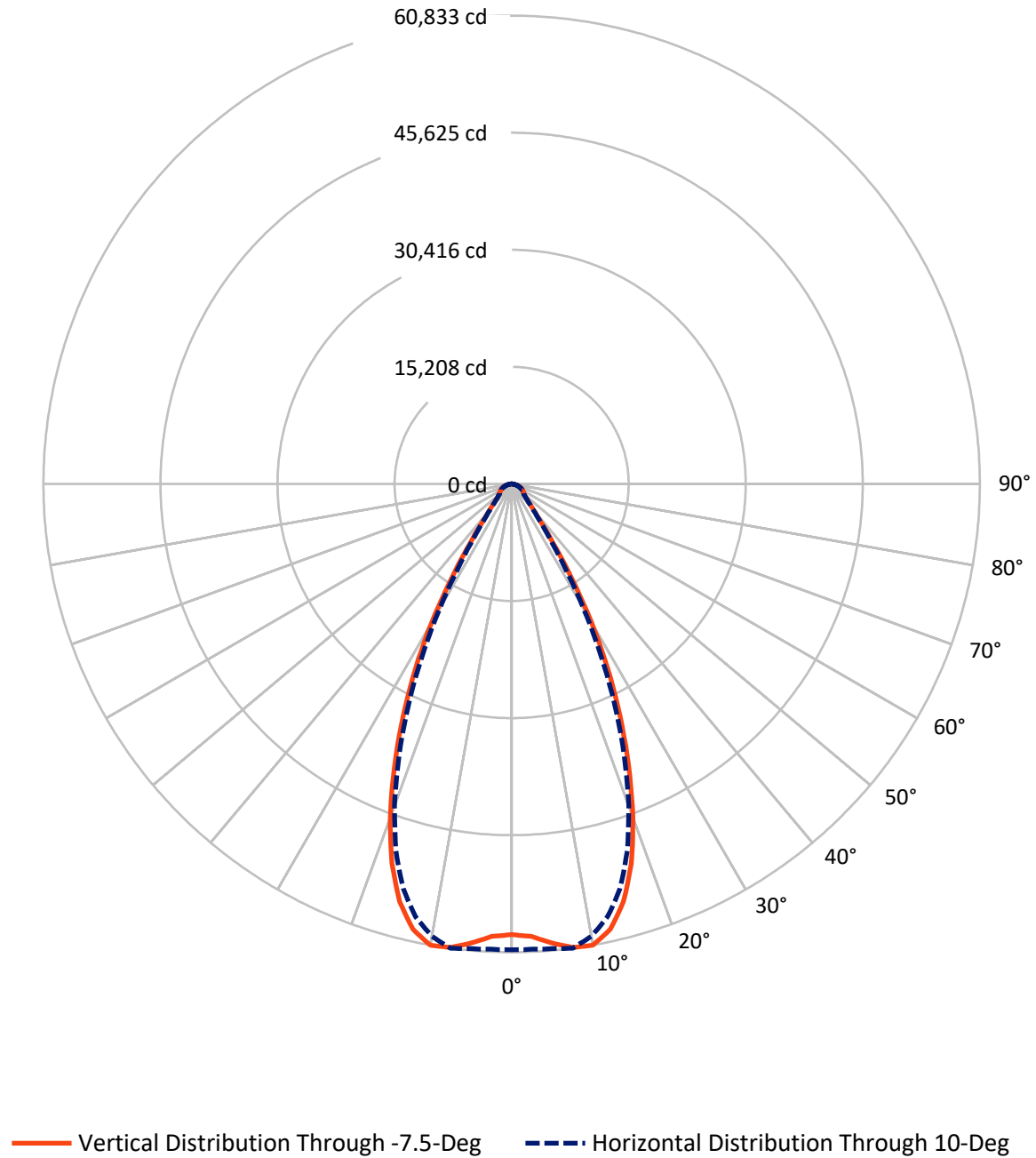
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Lumen Table

90																			
80	1.3	12.1		32.5		51.4		57.4		51.4		32.5		12.1		1.3			
70																			
60	5.5	6.2	12.7	20.7	29.0	35.2	39.8	42.1	42.1	39.8	35.2	29.0	20.7	12.7	6.2	5.5			
50		9.3	18.7	29.9	39.9	48.3	54.1	56.4	56.4	54.1	48.3	39.9	29.9	18.7	9.3				
40	9.7	12.0	23.7	36.2	48.6	63.3	79.5	91.3	91.3	79.5	63.3	48.6	36.2	23.7	12.0	9.7			
30		14.3	27.5	41.7	64.5	117.7	225.2	333.9	333.9	225.2	117.7	64.5	41.7	27.5	14.3				
20	12.6	16.0	29.9	48.7	106.1	332.4	745.7	1041.2	1041.2	745.7	332.4	106.1	48.7	29.9	16.0	12.6			
10		17.0	31.6	57.8	191.7	708.6	1353.1	1693.5	1693.5	1353.1	708.6	191.7	57.8	31.6	17.0				
0	13.6	17.6	32.3	65.0	276.0	969.6	1641.5	1786.1	1786.1	1641.5	969.6	276.0	65.0	32.3	17.6	13.6			
-10		17.6	32.3	65.0	276.0	969.6	1641.5	1786.1	1786.1	1641.5	969.6	276.0	65.0	32.3	17.6				
-20	12.6	17.0	31.6	57.8	191.7	708.6	1353.1	1693.5	1693.5	1353.1	708.6	191.7	57.8	31.6	17.0	12.6			
-30		16.0	29.9	48.7	106.1	332.4	745.7	1041.2	1041.2	745.7	332.4	106.1	48.7	29.9	16.0				
-40	9.7	14.3	27.5	41.7	64.5	117.7	225.2	333.9	333.9	225.2	117.7	64.5	41.7	27.5	14.3	9.7			
-50		12.0	23.7	36.2	48.6	63.3	79.5	91.3	91.3	79.5	63.3	48.6	36.2	23.7	12.0				
-60	5.5	9.3	18.7	29.9	39.9	48.3	54.1	56.4	56.4	54.1	48.3	39.9	29.9	18.7	9.3	5.5			
-70		6.2	12.7	20.7	29.0	35.2	39.8	42.1	42.1	39.8	35.2	29.0	20.7	12.7	6.2				
-80	1.3	12.1		32.5		51.4		57.4		51.4		32.5		12.1		1.3			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

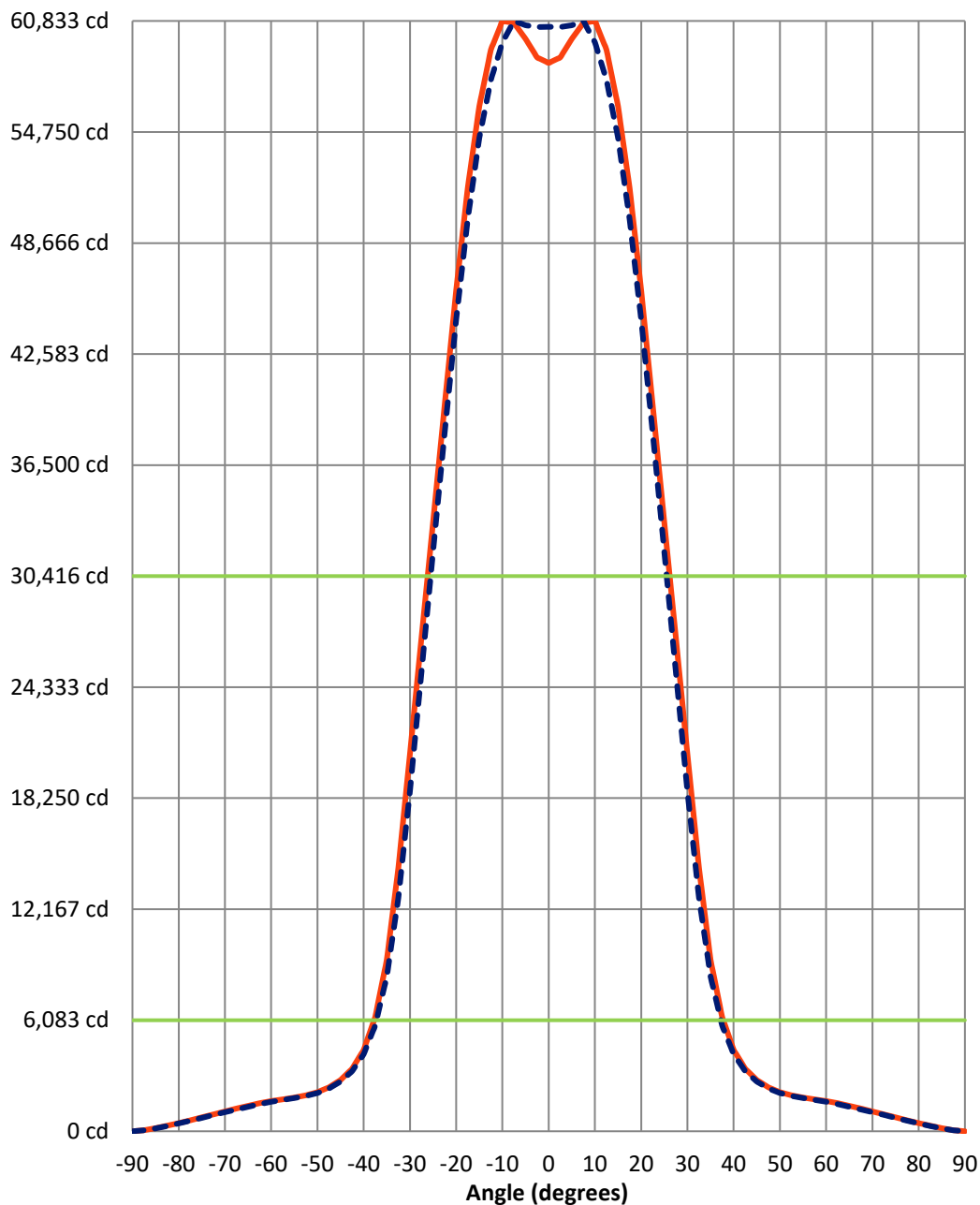
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 34364.8
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 44684.1
 Efficiency: 86.3%

Spill:
 Lumens: 7090.4
 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	2.3	4.6	6.9	9.2	11.5	13.8	16.8	20.0	23.4	27.0
85°	0.0	4.6	9.3	13.9	18.5	23.0	27.5	33.5	40.0	46.7	53.9
82.5°	0.0	6.9	13.9	20.8	27.6	34.4	41.2	50.1	61.0	76.9	91.9
80°	0.0	9.2	18.5	27.6	36.8	45.8	56.8	78.2	98.8	118.2	136.5
77.5°	0.0	11.5	23.0	34.4	45.8	61.9	86.5	112.0	136.4	159.4	184.0
75°	0.0	13.8	27.5	41.2	56.8	86.5	116.0	145.6	174.6	208.2	241.1
72.5°	0.0	16.0	32.0	47.9	76.3	110.9	145.2	180.7	220.3	259.3	297.7
70°	0.0	18.2	36.4	55.9	95.6	134.9	174.6	220.3	265.4	309.9	356.6
67.5°	0.0	20.4	40.7	70.2	114.6	158.6	207.9	259.3	309.9	362.0	415.2
65°	0.0	22.5	44.9	84.2	133.2	183.7	240.4	297.7	354.7	413.1	475.0
62.5°	0.0	24.6	49.1	97.9	151.5	209.8	272.2	335.5	398.5	464.4	539.1
60°	0.0	26.6	53.1	111.4	169.4	235.3	303.1	372.4	441.1	520.1	601.6
57.5°	0.0	28.6	61.7	124.5	188.9	260.1	334.1	408.2	487.5	574.2	660.5
55°	0.0	30.5	70.0	137.2	207.9	284.0	364.5	443.3	533.6	626.2	717.0
52.5°	0.0	32.4	78.1	149.6	226.2	307.5	394.2	481.9	578.1	675.7	771.9
50°	0.0	34.2	85.8	161.5	243.9	331.7	423.0	519.5	620.8	723.5	825.1
47.5°	0.0	35.9	93.2	173.3	260.9	355.1	451.5	555.7	661.8	769.7	876.5
45°	0.0	37.6	100.3	185.5	277.1	377.8	480.9	590.2	701.4	814.0	925.9
42.5°	0.0	39.2	107.0	197.0	292.5	399.6	509.0	623.0	739.0	856.5	972.6
40°	0.0	40.7	113.4	207.7	308.2	420.5	535.6	654.1	774.8	897.1	1017.6
37.5°	0.0	42.2	119.4	217.7	324.0	440.5	560.7	683.3	809.5	936.4	1060.8
35°	0.0	43.6	125.0	227.0	339.1	460.0	584.3	710.6	842.5	973.0	1101.0
32.5°	0.0	44.9	130.2	235.8	353.3	478.4	606.2	736.0	873.9	1007.1	1136.5
30°	0.0	46.1	135.0	243.9	366.6	495.5	626.5	759.9	903.4	1038.6	1169.5
27.5°	0.0	47.2	139.4	251.3	378.4	511.2	645.1	783.6	930.3	1067.3	1200.1
25°	0.0	48.2	143.3	258.1	389.2	525.6	662.0	805.4	953.7	1092.6	1228.0
22.5°	0.0	49.1	146.9	264.2	398.9	538.3	677.1	825.3	974.7	1115.2	1253.4
20°	0.0	50.0	150.0	269.7	407.5	549.2	690.5	843.3	993.3	1135.3	1275.9
17.5°	0.0	50.7	152.7	274.4	415.1	558.6	702.7	859.3	1009.4	1152.9	1295.7
15°	0.0	51.4	155.0	278.4	421.5	566.7	713.6	873.7	1023.0	1168.0	1312.6
12.5°	0.0	51.9	156.8	281.8	426.9	573.4	723.0	886.4	1035.2	1180.5	1326.7
10°	0.0	52.4	158.2	284.3	431.1	578.7	730.8	896.9	1045.7	1192.2	1338.5
7.5°	0.0	52.7	159.2	286.2	434.1	582.6	737.0	905.1	1054.0	1201.6	1349.1
5°	0.0	53.0	159.8	287.3	436.1	585.0	741.5	910.9	1059.9	1208.3	1356.6
2.5°	0.0	53.1	160.0	287.7	436.9	586.0	744.3	914.4	1063.4	1212.4	1361.2
0°	0.0	53.2	159.7	287.4	436.5	585.5	745.2	915.6	1064.6	1213.7	1362.7
-2.5°	0.0	53.1	160.0	287.7	436.9	586.0	744.3	914.4	1063.4	1212.4	1361.2
-5°	0.0	53.0	159.8	287.3	436.1	585.0	741.5	910.9	1059.9	1208.3	1356.6
-7.5°	0.0	52.7	159.2	286.2	434.1	582.6	737.0	905.1	1054.0	1201.6	1349.1
-10°	0.0	52.4	158.2	284.3	431.1	578.7	730.8	896.9	1045.7	1192.2	1338.5
-12.5°	0.0	51.9	156.8	281.8	426.9	573.4	723.0	886.4	1035.2	1180.5	1326.7
-15°	0.0	51.4	155.0	278.4	421.5	566.7	713.6	873.7	1023.0	1168.0	1312.6
-17.5°	0.0	50.7	152.7	274.4	415.1	558.6	702.7	859.3	1009.4	1152.9	1295.7
-20°	0.0	50.0	150.0	269.7	407.5	549.2	690.5	843.3	993.3	1135.3	1275.9

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA6E-740-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	49.1	146.9	264.2	398.9	538.3	677.1	825.3	974.7	1115.2	1253.4
-25°	0.0	48.2	143.3	258.1	389.2	525.6	662.0	805.4	953.7	1092.6	1228.0
-27.5°	0.0	47.2	139.4	251.3	378.4	511.2	645.1	783.6	930.3	1067.3	1200.1
-30°	0.0	46.1	135.0	243.9	366.6	495.5	626.5	759.9	903.4	1038.6	1169.5
-32.5°	0.0	44.9	130.2	235.8	353.3	478.4	606.2	736.0	873.9	1007.1	1136.5
-35°	0.0	43.6	125.0	227.0	339.1	460.0	584.3	710.6	842.5	973.0	1101.0
-37.5°	0.0	42.2	119.4	217.7	324.0	440.5	560.7	683.3	809.5	936.4	1060.8
-40°	0.0	40.7	113.4	207.7	308.2	420.5	535.6	654.1	774.8	897.1	1017.6
-42.5°	0.0	39.2	107.0	197.0	292.5	399.6	509.0	623.0	739.0	856.5	972.6
-45°	0.0	37.6	100.3	185.5	277.1	377.8	480.9	590.2	701.4	814.0	925.9
-47.5°	0.0	35.9	93.2	173.3	260.9	355.1	451.5	555.7	661.8	769.7	876.5
-50°	0.0	34.2	85.8	161.5	243.9	331.7	423.0	519.5	620.8	723.5	825.1
-52.5°	0.0	32.4	78.1	149.6	226.2	307.5	394.2	481.9	578.1	675.7	771.9
-55°	0.0	30.5	70.0	137.2	207.9	284.0	364.5	443.3	533.6	626.2	717.0
-57.5°	0.0	28.6	61.7	124.5	188.9	260.1	334.1	408.2	487.5	574.2	660.5
-60°	0.0	26.6	53.1	111.4	169.4	235.3	303.1	372.4	441.1	520.1	601.6
-62.5°	0.0	24.6	49.1	97.9	151.5	209.8	272.2	335.5	398.5	464.4	539.1
-65°	0.0	22.5	44.9	84.2	133.2	183.7	240.4	297.7	354.7	413.1	475.0
-67.5°	0.0	20.4	40.7	70.2	114.6	158.6	207.9	259.3	309.9	362.0	415.2
-70°	0.0	18.2	36.4	55.9	95.6	134.9	174.6	220.3	265.4	309.9	356.6
-72.5°	0.0	16.0	32.0	47.9	76.3	110.9	145.2	180.7	220.3	259.3	297.7
-75°	0.0	13.8	27.5	41.2	56.8	86.5	116.0	145.6	174.6	208.2	241.1
-77.5°	0.0	11.5	23.0	34.4	45.8	61.9	86.5	112.0	136.4	159.4	184.0
-80°	0.0	9.2	18.5	27.6	36.8	45.8	56.8	78.2	98.8	118.2	136.5
-82.5°	0.0	6.9	13.9	20.8	27.6	34.4	41.2	50.1	61.0	76.9	91.9
-85°	0.0	4.6	9.3	13.9	18.5	23.0	27.5	33.5	40.0	46.7	53.9
-87.5°	0.0	2.3	4.6	6.9	9.2	11.5	13.8	16.8	20.0	23.4	27.0
-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°	29.5	31.9	34.3	36.6	38.9	41.1	43.2	45.2	47.1	48.9	50.7
85°	59.0	63.8	72.3	81.0	89.3	97.2	104.9	112.3	119.4	126.1	132.5
82.5°	105.5	119.3	133.4	147.7	160.3	172.2	184.0	196.1	208.2	220.2	232.1
80°	155.2	174.4	196.4	217.3	235.6	253.0	269.7	285.9	303.4	322.2	341.2
77.5°	212.5	239.9	265.6	289.8	313.0	338.4	362.9	386.4	411.0	435.2	458.3
75°	273.9	305.2	338.1	370.6	402.1	432.5	462.3	492.6	523.3	553.8	582.8
72.5°	337.4	377.1	415.9	453.7	492.8	530.9	567.8	603.2	639.8	677.1	712.8
70°	403.3	448.6	496.5	542.6	586.7	631.1	676.1	719.4	761.7	804.9	847.8
67.5°	469.9	526.7	580.5	631.8	683.7	736.0	786.7	838.5	888.6	938.9	987.0
65°	543.0	605.2	664.0	722.7	781.6	843.0	902.9	960.7	1018.8	1075.0	1125.6
62.5°	614.8	680.8	746.0	812.8	882.9	951.8	1017.3	1083.6	1151.1	1210.0	1261.2
60°	680.7	754.1	827.0	903.1	980.6	1054.8	1128.1	1200.2	1272.8	1340.6	1382.4
57.5°	744.5	825.6	906.4	988.3	1070.0	1152.8	1229.8	1309.1	1376.6	1433.7	1482.2
55°	806.6	894.7	980.7	1066.6	1154.9	1241.4	1325.3	1400.5	1466.5	1514.1	1560.9
52.5°	867.0	959.9	1048.8	1141.7	1235.4	1327.3	1414.8	1484.7	1538.7	1587.4	1631.1
50°	925.6	1020.1	1114.0	1214.6	1313.6	1410.8	1493.1	1554.3	1609.3	1656.7	1702.5
47.5°	980.5	1079.0	1179.3	1285.1	1389.4	1483.3	1558.9	1622.9	1679.1	1730.3	1784.5
45°	1033.3	1137.8	1243.8	1353.1	1459.5	1550.3	1623.2	1692.1	1744.8	1802.5	1864.7
42.5°	1084.6	1194.3	1305.4	1418.3	1525.9	1610.7	1683.5	1746.8	1808.6	1877.0	1952.0
40°	1133.3	1247.7	1363.6	1481.1	1588.4	1663.6	1734.9	1802.0	1877.0	1958.3	2045.1
37.5°	1179.1	1297.8	1418.1	1540.2	1634.4	1711.9	1784.9	1859.6	1946.9	2041.0	2159.0
35°	1221.8	1344.5	1468.9	1586.0	1675.6	1757.8	1833.4	1916.6	2018.6	2141.7	2292.7
32.5°	1261.4	1387.6	1515.7	1623.2	1713.6	1798.9	1876.6	1980.5	2103.0	2249.4	2463.3
30°	1298.0	1427.1	1555.6	1659.7	1747.8	1833.5	1928.1	2045.0	2188.4	2402.2	2675.9
27.5°	1331.9	1463.0	1587.0	1690.0	1778.4	1866.7	1977.4	2119.2	2307.9	2563.0	2903.3
25°	1362.9	1497.3	1617.1	1715.4	1806.8	1904.7	2025.0	2184.4	2432.5	2762.1	3221.8
22.5°	1391.1	1528.2	1645.9	1737.4	1833.4	1939.5	2079.8	2279.3	2565.2	2950.0	3543.1
20°	1416.2	1551.7	1667.5	1758.2	1857.9	1968.2	2128.6	2369.1	2714.0	3212.3	3969.4
17.5°	1438.3	1572.2	1683.6	1778.2	1881.9	2000.8	2176.1	2447.0	2846.2	3441.2	4400.4
15°	1457.1	1589.7	1697.3	1795.3	1902.7	2038.1	2242.2	2548.7	2999.8	3679.2	4775.9
12.5°	1472.8	1604.1	1708.4	1809.2	1919.9	2069.3	2298.9	2644.8	3159.2	3971.7	5329.4
10°	1485.2	1615.4	1716.9	1820.0	1933.3	2094.3	2344.8	2723.3	3291.3	4225.0	5801.5
7.5°	1496.6	1623.8	1722.8	1827.7	1942.9	2112.9	2379.7	2783.8	3392.6	4423.9	6175.2
5°	1505.0	1628.8	1726.1	1832.1	1950.9	2125.1	2403.4	2825.8	3462.6	4566.1	6438.1
2.5°	1510.1	1630.4	1726.7	1833.2	1956.8	2130.5	2415.8	2849.0	3517.5	4633.4	6579.3
0°	1511.8	1628.9	1724.7	1831.1	1958.9	2129.2	2416.7	2853.2	3545.2	4631.1	6600.6
-2.5°	1510.1	1630.4	1726.7	1833.2	1956.8	2130.5	2415.8	2849.0	3517.5	4633.4	6579.3
-5°	1505.0	1628.8	1726.1	1832.1	1950.9	2125.1	2403.4	2825.8	3462.6	4566.1	6438.1
-7.5°	1496.6	1623.8	1722.8	1827.7	1942.9	2112.9	2379.7	2783.8	3392.6	4423.9	6175.2
-10°	1485.2	1615.4	1716.9	1820.0	1933.3	2094.3	2344.8	2723.3	3291.3	4225.0	5801.5
-12.5°	1472.8	1604.1	1708.4	1809.2	1919.9	2069.3	2298.9	2644.8	3159.2	3971.7	5329.4
-15°	1457.1	1589.7	1697.3	1795.3	1902.7	2038.1	2242.2	2548.7	2999.8	3679.2	4775.9
-17.5°	1438.3	1572.2	1683.6	1778.2	1881.9	2000.8	2176.1	2447.0	2846.2	3441.2	4400.4
-20°	1416.2	1551.7	1667.5	1758.2	1857.9	1968.2	2128.6	2369.1	2714.0	3212.3	3969.4

Classified

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

Scaled Data Report



REPORT NUMBER: P628007 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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°	1391.1	1528.2	1645.9	1737.4	1833.4	1939.5	2079.8	2279.3	2565.2	2950.0	3543.1
-25°	1362.9	1497.3	1617.1	1715.4	1806.8	1904.7	2025.0	2184.4	2432.5	2762.1	3221.8
-27.5°	1331.9	1463.0	1587.0	1690.0	1778.4	1866.7	1977.4	2119.2	2307.9	2563.0	2903.3
-30°	1298.0	1427.1	1555.6	1659.7	1747.8	1833.5	1928.1	2045.0	2188.4	2402.2	2675.9
-32.5°	1261.4	1387.6	1515.7	1623.2	1713.6	1798.9	1876.6	1980.5	2103.0	2249.4	2463.3
-35°	1221.8	1344.5	1468.9	1586.0	1675.6	1757.8	1833.4	1916.6	2018.6	2141.7	2292.7
-37.5°	1179.1	1297.8	1418.1	1540.2	1634.4	1711.9	1784.9	1859.6	1946.9	2041.0	2159.0
-40°	1133.3	1247.7	1363.6	1481.1	1588.4	1663.6	1734.9	1802.0	1877.0	1958.3	2045.1
-42.5°	1084.6	1194.3	1305.4	1418.3	1525.9	1610.7	1683.5	1746.8	1808.6	1877.0	1952.0
-45°	1033.3	1137.8	1243.8	1353.1	1459.5	1550.3	1623.2	1692.1	1744.8	1802.5	1864.7
-47.5°	980.5	1079.0	1179.3	1285.1	1389.4	1483.3	1558.9	1622.9	1679.1	1730.3	1784.5
-50°	925.6	1020.1	1114.0	1214.6	1313.6	1410.8	1493.1	1554.3	1609.3	1656.7	1702.5
-52.5°	867.0	959.9	1048.8	1141.7	1235.4	1327.3	1414.8	1484.7	1538.7	1587.4	1631.1
-55°	806.6	894.7	980.7	1066.6	1154.9	1241.4	1325.3	1400.5	1466.5	1514.1	1560.9
-57.5°	744.5	825.6	906.4	988.3	1070.0	1152.8	1229.8	1309.1	1376.6	1433.7	1482.2
-60°	680.7	754.1	827.0	903.1	980.6	1054.8	1128.1	1200.2	1272.8	1340.6	1382.4
-62.5°	614.8	680.8	746.0	812.8	882.9	951.8	1017.3	1083.6	1151.1	1210.0	1261.2
-65°	543.0	605.2	664.0	722.7	781.6	843.0	902.9	960.7	1018.8	1075.0	1125.6
-67.5°	469.9	526.7	580.5	631.8	683.7	736.0	786.7	838.5	888.6	938.9	987.0
-70°	403.3	448.6	496.5	542.6	586.7	631.1	676.1	719.4	761.7	804.9	847.8
-72.5°	337.4	377.1	415.9	453.7	492.8	530.9	567.8	603.2	639.8	677.1	712.8
-75°	273.9	305.2	338.1	370.6	402.1	432.5	462.3	492.6	523.3	553.8	582.8
-77.5°	212.5	239.9	265.6	289.8	313.0	338.4	362.9	386.4	411.0	435.2	458.3
-80°	155.2	174.4	196.4	217.3	235.6	253.0	269.7	285.9	303.4	322.2	341.2
-82.5°	105.5	119.3	133.4	147.7	160.3	172.2	184.0	196.1	208.2	220.2	232.1
-85°	59.0	63.8	72.3	81.0	89.3	97.2	104.9	112.3	119.4	126.1	132.5
-87.5°	29.5	31.9	34.3	36.6	38.9	41.1	43.2	45.2	47.1	48.9	50.7
-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: P628007 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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°	52.3	51.7	50.7	49.6	48.2	51.6	55.0	58.4	61.7	59.8	57.7
85°	138.6	141.7	144.3	146.6	148.4	155.0	161.4	167.4	172.9	172.8	172.1
82.5°	243.9	251.7	258.4	264.5	269.8	277.5	284.5	290.5	295.6	299.4	302.6
80°	359.4	372.1	383.0	392.9	401.8	412.0	421.5	429.9	437.3	441.3	443.8
77.5°	481.3	499.9	516.6	532.5	547.5	562.4	576.0	588.1	598.6	601.1	600.5
75°	610.5	635.5	658.9	680.7	700.8	718.0	732.6	744.8	754.9	759.8	762.5
72.5°	746.7	777.5	805.1	830.0	851.3	869.0	884.4	897.7	909.0	916.1	920.3
70°	888.6	925.0	953.3	976.8	995.1	1012.7	1032.5	1051.4	1069.1	1079.0	1082.9
67.5°	1030.9	1068.7	1094.7	1116.0	1132.7	1150.1	1175.0	1197.5	1217.6	1231.1	1239.7
65°	1170.3	1210.0	1236.1	1256.5	1271.8	1289.3	1317.2	1339.5	1356.5	1370.0	1382.2
62.5°	1308.0	1348.0	1377.0	1401.3	1423.6	1442.9	1465.7	1484.5	1499.0	1512.3	1527.3
60°	1427.3	1474.8	1505.2	1529.8	1557.5	1587.5	1604.3	1618.3	1630.5	1641.2	1650.5
57.5°	1524.7	1567.0	1606.1	1635.8	1664.6	1692.4	1712.3	1725.5	1736.2	1744.1	1747.3
55°	1606.2	1650.0	1693.7	1725.7	1754.0	1780.0	1801.9	1819.1	1833.3	1844.4	1847.1
52.5°	1679.4	1728.4	1771.3	1808.2	1845.8	1876.4	1900.4	1923.7	1944.1	1960.5	1967.6
50°	1758.8	1810.3	1863.7	1913.3	1953.1	1988.1	2017.2	2050.2	2085.0	2113.7	2131.8
47.5°	1842.4	1901.7	1966.3	2027.3	2074.5	2126.3	2174.6	2223.7	2288.3	2342.6	2382.8
45°	1929.9	2006.0	2079.6	2157.1	2222.4	2320.2	2411.0	2489.0	2592.6	2686.6	2761.3
42.5°	2033.1	2127.8	2218.3	2342.4	2472.4	2605.9	2750.3	2873.4	3035.4	3200.4	3333.5
40°	2155.4	2276.5	2435.8	2602.5	2807.6	2991.4	3240.5	3462.5	3711.1	4025.4	4285.0
37.5°	2302.7	2489.2	2710.9	2943.2	3263.1	3568.6	3980.5	4414.6	4808.4	5413.0	5921.6
35°	2494.0	2754.8	3046.6	3457.7	3910.5	4483.2	5125.7	5964.1	6683.0	7702.7	8677.3
32.5°	2740.4	3075.7	3552.2	4186.9	4856.2	5896.0	6915.5	8371.2	9719.1	11335.3	13079.7
30°	3014.7	3525.0	4253.0	5123.6	6372.0	7901.7	9698.9	11934.6	14381.3	16653.1	18891.7
27.5°	3412.1	4143.4	5099.8	6504.6	8450.2	10590.4	13739.2	16774.1	19940.4	22754.9	25102.3
25°	3876.3	4842.6	6321.5	8390.0	11021.2	14686.0	18455.4	22201.0	25606.1	28552.7	31146.4
22.5°	4475.5	5865.3	7836.9	10516.2	14613.6	19006.0	23426.1	27557.5	31189.8	34471.0	37278.5
20°	5127.4	6866.5	9682.0	13677.3	18363.0	23367.2	28358.0	32758.8	36758.3	40478.6	43642.9
17.5°	5953.6	8389.0	11954.5	16747.3	22164.7	27647.5	32890.6	37666.4	42203.8	46140.6	49446.8
15°	6657.6	9729.9	14383.3	20004.4	25864.1	31647.7	37183.0	42370.5	47088.0	51127.3	54235.4
12.5°	7596.8	11232.8	16539.7	22804.4	29154.3	35239.9	41070.4	46432.0	51232.8	55227.7	57647.2
10°	8484.5	12788.6	18624.0	25157.2	31754.2	38238.2	44463.6	49962.4	54419.7	57597.5	59659.5
7.5°	9239.3	14125.8	20319.4	27058.9	33819.8	40598.9	46900.6	52250.8	56360.7	59014.6	60450.0
5°	9802.8	15125.4	21577.9	28604.2	35541.9	42440.0	48692.5	53715.1	57267.2	59238.7	59959.4
2.5°	10162.0	15712.4	22308.2	29618.1	36694.4	43604.9	49921.6	54865.5	57879.2	59185.9	59310.1
0°	10305.5	15788.3	22420.9	30150.0	36984.8	43936.8	50271.3	55338.8	58106.9	59182.1	59160.8
-2.5°	10162.0	15712.4	22308.2	29618.1	36694.4	43604.9	49921.6	54865.5	57879.2	59185.9	59310.1
-5°	9802.8	15125.4	21577.9	28604.2	35541.9	42440.0	48692.5	53715.1	57267.2	59238.7	59959.4
-7.5°	9239.3	14125.8	20319.4	27058.9	33819.8	40598.9	46900.6	52250.8	56360.7	59014.6	60450.0
-10°	8484.5	12788.6	18624.0	25157.2	31754.2	38238.2	44463.6	49962.4	54419.7	57597.5	59659.5
-12.5°	7596.8	11232.8	16539.7	22804.4	29154.3	35239.9	41070.4	46432.0	51232.8	55227.7	57647.2
-15°	6657.6	9729.9	14383.3	20004.4	25864.1	31647.7	37183.0	42370.5	47088.0	51127.3	54235.4
-17.5°	5953.6	8389.0	11954.5	16747.3	22164.7	27647.5	32890.6	37666.4	42203.8	46140.6	49446.8
-20°	5127.4	6866.5	9682.0	13677.3	18363.0	23367.2	28358.0	32758.8	36758.3	40478.6	43642.9



REPORT NUMBER: P628007 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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°	4475.5	5865.3	7836.9	10516.2	14613.6	19006.0	23426.1	27557.5	31189.8	34471.0	37278.5
-25°	3876.3	4842.6	6321.5	8390.0	11021.2	14686.0	18455.4	22201.0	25606.1	28552.7	31146.4
-27.5°	3412.1	4143.4	5099.8	6504.6	8450.2	10590.4	13739.2	16774.1	19940.4	22754.9	25102.3
-30°	3014.7	3525.0	4253.0	5123.6	6372.0	7901.7	9698.9	11934.6	14381.3	16653.1	18891.7
-32.5°	2740.4	3075.7	3552.2	4186.9	4856.2	5896.0	6915.5	8371.2	9719.1	11335.3	13079.7
-35°	2494.0	2754.8	3046.6	3457.7	3910.5	4483.2	5125.7	5964.1	6683.0	7702.7	8677.3
-37.5°	2302.7	2489.2	2710.9	2943.2	3263.1	3568.6	3980.5	4414.6	4808.4	5413.0	5921.6
-40°	2155.4	2276.5	2435.8	2602.5	2807.6	2991.4	3240.5	3462.5	3711.1	4025.4	4285.0
-42.5°	2033.1	2127.8	2218.3	2342.4	2472.4	2605.9	2750.3	2873.4	3035.4	3200.4	3333.5
-45°	1929.9	2006.0	2079.6	2157.1	2222.4	2320.2	2411.0	2489.0	2592.6	2686.6	2761.3
-47.5°	1842.4	1901.7	1966.3	2027.3	2074.5	2126.3	2174.6	2223.7	2288.3	2342.6	2382.8
-50°	1758.8	1810.3	1863.7	1913.3	1953.1	1988.1	2017.2	2050.2	2085.0	2113.7	2131.8
-52.5°	1679.4	1728.4	1771.3	1808.2	1845.8	1876.4	1900.4	1923.7	1944.1	1960.5	1967.6
-55°	1606.2	1650.0	1693.7	1725.7	1754.0	1780.0	1801.9	1819.1	1833.3	1844.4	1847.1
-57.5°	1524.7	1567.0	1606.1	1635.8	1664.6	1692.4	1712.3	1725.5	1736.2	1744.1	1747.3
-60°	1427.3	1474.8	1505.2	1529.8	1557.5	1587.5	1604.3	1618.3	1630.5	1641.2	1650.5
-62.5°	1308.0	1348.0	1377.0	1401.3	1423.6	1442.9	1465.7	1484.5	1499.0	1512.3	1527.3
-65°	1170.3	1210.0	1236.1	1256.5	1271.8	1289.3	1317.2	1339.5	1356.5	1370.0	1382.2
-67.5°	1030.9	1068.7	1094.7	1116.0	1132.7	1150.1	1175.0	1197.5	1217.6	1231.1	1239.7
-70°	888.6	925.0	953.3	976.8	995.1	1012.7	1032.5	1051.4	1069.1	1079.0	1082.9
-72.5°	746.7	777.5	805.1	830.0	851.3	869.0	884.4	897.7	909.0	916.1	920.3
-75°	610.5	635.5	658.9	680.7	700.8	718.0	732.6	744.8	754.9	759.8	762.5
-77.5°	481.3	499.9	516.6	532.5	547.5	562.4	576.0	588.1	598.6	601.1	600.5
-80°	359.4	372.1	383.0	392.9	401.8	412.0	421.5	429.9	437.3	441.3	443.8
-82.5°	243.9	251.7	258.4	264.5	269.8	277.5	284.5	290.5	295.6	299.4	302.6
-85°	138.6	141.7	144.3	146.6	148.4	155.0	161.4	167.4	172.9	172.8	172.1
-87.5°	52.3	51.7	50.7	49.6	48.2	51.6	55.0	58.4	61.7	59.8	57.7
-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: P628007 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	55.4	53.0	53.1	53.2	53.1	53.0	55.4	57.7	59.8	61.7	58.4
85°	171.0	169.4	164.8	159.7	164.8	169.4	171.0	172.1	172.8	172.9	167.4
82.5°	305.2	307.1	303.0	298.1	303.0	307.1	305.2	302.6	299.4	295.6	290.5
80°	445.0	445.1	441.3	436.5	441.3	445.1	445.0	443.8	441.3	437.3	429.9
77.5°	598.0	593.7	595.5	596.2	595.5	593.7	598.0	600.5	601.1	598.6	588.1
75°	763.6	762.9	760.4	755.9	760.4	762.9	763.6	762.5	759.8	754.9	744.8
72.5°	922.4	922.3	920.1	915.6	920.1	922.3	922.4	920.3	916.1	909.0	897.7
70°	1083.8	1081.8	1084.6	1085.9	1084.6	1081.8	1083.8	1082.9	1079.0	1069.1	1051.4
67.5°	1246.2	1250.5	1249.8	1245.6	1249.8	1250.5	1246.2	1239.7	1231.1	1217.6	1197.5
65°	1392.0	1399.3	1403.7	1405.3	1403.7	1399.3	1392.0	1382.2	1370.0	1356.5	1339.5
62.5°	1539.1	1547.5	1548.0	1543.7	1548.0	1547.5	1539.1	1527.3	1512.3	1499.0	1484.5
60°	1655.6	1657.0	1655.0	1650.2	1655.0	1657.0	1655.6	1650.5	1641.2	1630.5	1618.3
57.5°	1747.2	1744.2	1740.5	1735.3	1740.5	1744.2	1747.2	1747.3	1744.1	1736.2	1725.5
55°	1845.7	1840.6	1836.2	1831.1	1836.2	1840.6	1845.7	1847.1	1844.4	1833.3	1819.1
52.5°	1969.2	1966.5	1963.4	1958.9	1963.4	1966.5	1969.2	1967.6	1960.5	1944.1	1923.7
50°	2141.1	2143.7	2143.5	2139.9	2143.5	2143.7	2141.1	2131.8	2113.7	2085.0	2050.2
47.5°	2408.4	2422.6	2432.2	2438.0	2432.2	2422.6	2408.4	2382.8	2342.6	2288.3	2223.7
45°	2809.1	2837.5	2857.6	2874.5	2857.6	2837.5	2809.1	2761.3	2686.6	2592.6	2489.0
42.5°	3427.2	3490.9	3520.9	3513.2	3520.9	3490.9	3427.2	3333.5	3200.4	3035.4	2873.4
40°	4458.0	4560.8	4617.7	4663.0	4617.7	4560.8	4458.0	4285.0	4025.4	3711.1	3462.5
37.5°	6268.8	6468.2	6573.2	6664.5	6573.2	6468.2	6268.8	5921.6	5413.0	4808.4	4414.6
35°	9405.4	9854.0	10094.2	10177.7	10094.2	9854.0	9405.4	8677.3	7702.7	6683.0	5964.1
32.5°	14437.1	15264.6	15722.2	16075.7	15722.2	15264.6	14437.1	13079.7	11335.3	9719.1	8371.2
30°	20664.3	21754.2	22359.5	22655.1	22359.5	21754.2	20664.3	18891.7	16653.1	14381.3	11934.6
27.5°	27048.0	28287.1	28939.6	28904.4	28939.6	28287.1	27048.0	25102.3	22754.9	19940.4	16774.1
25°	33369.9	34805.0	35455.2	36037.3	35455.2	34805.0	33369.9	31146.4	28552.7	25606.1	22201.0
22.5°	39763.8	41441.9	42357.6	42787.0	42357.6	41441.9	39763.8	37278.5	34471.0	31189.8	27557.5
20°	46081.6	47949.7	48921.8	49345.0	48921.8	47949.7	46081.6	43642.9	40478.6	36758.3	32758.8
17.5°	51684.8	53508.5	54435.1	54827.8	54435.1	53508.5	51684.8	49446.8	46140.6	42203.8	37666.4
15°	56158.9	57504.1	58292.1	58500.8	58292.1	57504.1	56158.9	54235.4	51127.3	47088.0	42370.5
12.5°	59251.7	59772.7	60151.7	60268.0	60151.7	59772.7	59251.7	57647.2	55227.7	51232.8	46432.0
10°	60832.8	60597.7	60500.5	60512.9	60500.5	60597.7	60832.8	59659.5	57597.5	54419.7	49962.4
7.5°	60724.0	60375.9	59676.7	59565.4	59676.7	60375.9	60724.0	60450.0	59014.6	56360.7	52250.8
5°	59851.6	59217.7	58057.2	57723.6	58057.2	59217.7	59851.6	59959.4	59238.7	57267.2	53715.1
2.5°	58834.8	57692.1	56623.0	55935.0	56623.0	57692.1	58834.8	59310.1	59185.9	57879.2	54865.5
0°	58532.7	57212.6	55828.6	55381.4	55828.6	57212.6	58532.7	59160.8	59182.1	58106.9	55338.8
-2.5°	58834.8	57692.1	56623.0	55935.0	56623.0	57692.1	58834.8	59310.1	59185.9	57879.2	54865.5
-5°	59851.6	59217.7	58057.2	57723.6	58057.2	59217.7	59851.6	59959.4	59238.7	57267.2	53715.1
-7.5°	60724.0	60375.9	59676.7	59565.4	59676.7	60375.9	60724.0	60450.0	59014.6	56360.7	52250.8
-10°	60832.8	60597.7	60500.5	60512.9	60500.5	60597.7	60832.8	59659.5	57597.5	54419.7	49962.4
-12.5°	59251.7	59772.7	60151.7	60268.0	60151.7	59772.7	59251.7	57647.2	55227.7	51232.8	46432.0
-15°	56158.9	57504.1	58292.1	58500.8	58292.1	57504.1	56158.9	54235.4	51127.3	47088.0	42370.5
-17.5°	51684.8	53508.5	54435.1	54827.8	54435.1	53508.5	51684.8	49446.8	46140.6	42203.8	37666.4
-20°	46081.6	47949.7	48921.8	49345.0	48921.8	47949.7	46081.6	43642.9	40478.6	36758.3	32758.8

Classified

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

Scaled Data Report



REPORT NUMBER: P628007 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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°	39763.8	41441.9	42357.6	42787.0	42357.6	41441.9	39763.8	37278.5	34471.0	31189.8	27557.5
-25°	33369.9	34805.0	35455.2	36037.3	35455.2	34805.0	33369.9	31146.4	28552.7	25606.1	22201.0
-27.5°	27048.0	28287.1	28939.6	28904.4	28939.6	28287.1	27048.0	25102.3	22754.9	19940.4	16774.1
-30°	20664.3	21754.2	22359.5	22655.1	22359.5	21754.2	20664.3	18891.7	16653.1	14381.3	11934.6
-32.5°	14437.1	15264.6	15722.2	16075.7	15722.2	15264.6	14437.1	13079.7	11335.3	9719.1	8371.2
-35°	9405.4	9854.0	10094.2	10177.7	10094.2	9854.0	9405.4	8677.3	7702.7	6683.0	5964.1
-37.5°	6268.8	6468.2	6573.2	6664.5	6573.2	6468.2	6268.8	5921.6	5413.0	4808.4	4414.6
-40°	4458.0	4560.8	4617.7	4663.0	4617.7	4560.8	4458.0	4285.0	4025.4	3711.1	3462.5
-42.5°	3427.2	3490.9	3520.9	3513.2	3520.9	3490.9	3427.2	3333.5	3200.4	3035.4	2873.4
-45°	2809.1	2837.5	2857.6	2874.5	2857.6	2837.5	2809.1	2761.3	2686.6	2592.6	2489.0
-47.5°	2408.4	2422.6	2432.2	2438.0	2432.2	2422.6	2408.4	2382.8	2342.6	2288.3	2223.7
-50°	2141.1	2143.7	2143.5	2139.9	2143.5	2143.7	2141.1	2131.8	2113.7	2085.0	2050.2
-52.5°	1969.2	1966.5	1963.4	1958.9	1963.4	1966.5	1969.2	1967.6	1960.5	1944.1	1923.7
-55°	1845.7	1840.6	1836.2	1831.1	1836.2	1840.6	1845.7	1847.1	1844.4	1833.3	1819.1
-57.5°	1747.2	1744.2	1740.5	1735.3	1740.5	1744.2	1747.2	1747.3	1744.1	1736.2	1725.5
-60°	1655.6	1657.0	1655.0	1650.2	1655.0	1657.0	1655.6	1650.5	1641.2	1630.5	1618.3
-62.5°	1539.1	1547.5	1548.0	1543.7	1548.0	1547.5	1539.1	1527.3	1512.3	1499.0	1484.5
-65°	1392.0	1399.3	1403.7	1405.3	1403.7	1399.3	1392.0	1382.2	1370.0	1356.5	1339.5
-67.5°	1246.2	1250.5	1249.8	1245.6	1249.8	1250.5	1246.2	1239.7	1231.1	1217.6	1197.5
-70°	1083.8	1081.8	1084.6	1085.9	1084.6	1081.8	1083.8	1082.9	1079.0	1069.1	1051.4
-72.5°	922.4	922.3	920.1	915.6	920.1	922.3	922.4	920.3	916.1	909.0	897.7
-75°	763.6	762.9	760.4	755.9	760.4	762.9	763.6	762.5	759.8	754.9	744.8
-77.5°	598.0	593.7	595.5	596.2	595.5	593.7	598.0	600.5	601.1	598.6	588.1
-80°	445.0	445.1	441.3	436.5	441.3	445.1	445.0	443.8	441.3	437.3	429.9
-82.5°	305.2	307.1	303.0	298.1	303.0	307.1	305.2	302.6	299.4	295.6	290.5
-85°	171.0	169.4	164.8	159.7	164.8	169.4	171.0	172.1	172.8	172.9	167.4
-87.5°	55.4	53.0	53.1	53.2	53.1	53.0	55.4	57.7	59.8	61.7	58.4
-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: P628007 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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°	55.0	51.6	48.2	49.6	50.7	51.7	52.3	50.7	48.9	47.1	45.2
85°	161.4	155.0	148.4	146.6	144.3	141.7	138.6	132.5	126.1	119.4	112.3
82.5°	284.5	277.5	269.8	264.5	258.4	251.7	243.9	232.1	220.2	208.2	196.1
80°	421.5	412.0	401.8	392.9	383.0	372.1	359.4	341.2	322.2	303.4	285.9
77.5°	576.0	562.4	547.5	532.5	516.6	499.9	481.3	458.3	435.2	411.0	386.4
75°	732.6	718.0	700.8	680.7	658.9	635.5	610.5	582.8	553.8	523.3	492.6
72.5°	884.4	869.0	851.3	830.0	805.1	777.5	746.7	712.8	677.1	639.8	603.2
70°	1032.5	1012.7	995.1	976.8	953.3	925.0	888.6	847.8	804.9	761.7	719.4
67.5°	1175.0	1150.1	1132.7	1116.0	1094.7	1068.7	1030.9	987.0	938.9	888.6	838.5
65°	1317.2	1289.3	1271.8	1256.5	1236.1	1210.0	1170.3	1125.6	1075.0	1018.8	960.7
62.5°	1465.7	1442.9	1423.6	1401.3	1377.0	1348.0	1308.0	1261.2	1210.0	1151.1	1083.6
60°	1604.3	1587.5	1557.5	1529.8	1505.2	1474.8	1427.3	1382.4	1340.6	1272.8	1200.2
57.5°	1712.3	1692.4	1664.6	1635.8	1606.1	1567.0	1524.7	1482.2	1433.7	1376.6	1309.1
55°	1801.9	1780.0	1754.0	1725.7	1693.7	1650.0	1606.2	1560.9	1514.1	1466.5	1400.5
52.5°	1900.4	1876.4	1845.8	1808.2	1771.3	1728.4	1679.4	1631.1	1587.4	1538.7	1484.7
50°	2017.2	1988.1	1953.1	1913.3	1863.7	1810.3	1758.8	1702.5	1656.7	1609.3	1554.3
47.5°	2174.6	2126.3	2074.5	2027.3	1966.3	1901.7	1842.4	1784.5	1730.3	1679.1	1622.9
45°	2411.0	2320.2	2222.4	2157.1	2079.6	2006.0	1929.9	1864.7	1802.5	1744.8	1692.1
42.5°	2750.3	2605.9	2472.4	2342.4	2218.3	2127.8	2033.1	1952.0	1877.0	1808.6	1746.8
40°	3240.5	2991.4	2807.6	2602.5	2435.8	2276.5	2155.4	2045.1	1958.3	1877.0	1802.0
37.5°	3980.5	3568.6	3263.1	2943.2	2710.9	2489.2	2302.7	2159.0	2041.0	1946.9	1859.6
35°	5125.7	4483.2	3910.5	3457.7	3046.6	2754.8	2494.0	2292.7	2141.7	2018.6	1916.6
32.5°	6915.5	5896.0	4856.2	4186.9	3552.2	3075.7	2740.4	2463.3	2249.4	2103.0	1980.5
30°	9698.9	7901.7	6372.0	5123.6	4253.0	3525.0	3014.7	2675.9	2402.2	2188.4	2045.0
27.5°	13739.2	10590.4	8450.2	6504.6	5099.8	4143.4	3412.1	2903.3	2563.0	2307.9	2119.2
25°	18455.4	14686.0	11021.2	8390.0	6321.5	4842.6	3876.3	3221.8	2762.1	2432.5	2184.4
22.5°	23426.1	19006.0	14613.6	10516.2	7836.9	5865.3	4475.5	3543.1	2950.0	2565.2	2279.3
20°	28358.0	23367.2	18363.0	13677.3	9682.0	6866.5	5127.4	3969.4	3212.3	2714.0	2369.1
17.5°	32890.6	27647.5	22164.7	16747.3	11954.5	8389.0	5953.6	4400.4	3441.2	2846.2	2447.0
15°	37183.0	31647.7	25864.1	20004.4	14383.3	9729.9	6657.6	4775.9	3679.2	2999.8	2548.7
12.5°	41070.4	35239.9	29154.3	22804.4	16539.7	11232.8	7596.8	5329.4	3971.7	3159.2	2644.8
10°	44463.6	38238.2	31754.2	25157.2	18624.0	12788.6	8484.5	5801.5	4225.0	3291.3	2723.3
7.5°	46900.6	40598.9	33819.8	27058.9	20319.4	14125.8	9239.3	6175.2	4423.9	3392.6	2783.8
5°	48692.5	42440.0	35541.9	28604.2	21577.9	15125.4	9802.8	6438.1	4566.1	3462.6	2825.8
2.5°	49921.6	43604.9	36694.4	29618.1	22308.2	15712.4	10162.0	6579.3	4633.4	3517.5	2849.0
0°	50271.3	43936.8	36984.8	30150.0	22420.9	15788.3	10305.5	6600.6	4631.1	3545.2	2853.2
-2.5°	49921.6	43604.9	36694.4	29618.1	22308.2	15712.4	10162.0	6579.3	4633.4	3517.5	2849.0
-5°	48692.5	42440.0	35541.9	28604.2	21577.9	15125.4	9802.8	6438.1	4566.1	3462.6	2825.8
-7.5°	46900.6	40598.9	33819.8	27058.9	20319.4	14125.8	9239.3	6175.2	4423.9	3392.6	2783.8
-10°	44463.6	38238.2	31754.2	25157.2	18624.0	12788.6	8484.5	5801.5	4225.0	3291.3	2723.3
-12.5°	41070.4	35239.9	29154.3	22804.4	16539.7	11232.8	7596.8	5329.4	3971.7	3159.2	2644.8
-15°	37183.0	31647.7	25864.1	20004.4	14383.3	9729.9	6657.6	4775.9	3679.2	2999.8	2548.7
-17.5°	32890.6	27647.5	22164.7	16747.3	11954.5	8389.0	5953.6	4400.4	3441.2	2846.2	2447.0
-20°	28358.0	23367.2	18363.0	13677.3	9682.0	6866.5	5127.4	3969.4	3212.3	2714.0	2369.1



REPORT NUMBER: P628007 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	23426.1	19006.0	14613.6	10516.2	7836.9	5865.3	4475.5	3543.1	2950.0	2565.2	2279.3
-25°	18455.4	14686.0	11021.2	8390.0	6321.5	4842.6	3876.3	3221.8	2762.1	2432.5	2184.4
-27.5°	13739.2	10590.4	8450.2	6504.6	5099.8	4143.4	3412.1	2903.3	2563.0	2307.9	2119.2
-30°	9698.9	7901.7	6372.0	5123.6	4253.0	3525.0	3014.7	2675.9	2402.2	2188.4	2045.0
-32.5°	6915.5	5896.0	4856.2	4186.9	3552.2	3075.7	2740.4	2463.3	2249.4	2103.0	1980.5
-35°	5125.7	4483.2	3910.5	3457.7	3046.6	2754.8	2494.0	2292.7	2141.7	2018.6	1916.6
-37.5°	3980.5	3568.6	3263.1	2943.2	2710.9	2489.2	2302.7	2159.0	2041.0	1946.9	1859.6
-40°	3240.5	2991.4	2807.6	2602.5	2435.8	2276.5	2155.4	2045.1	1958.3	1877.0	1802.0
-42.5°	2750.3	2605.9	2472.4	2342.4	2218.3	2127.8	2033.1	1952.0	1877.0	1808.6	1746.8
-45°	2411.0	2320.2	2222.4	2157.1	2079.6	2006.0	1929.9	1864.7	1802.5	1744.8	1692.1
-47.5°	2174.6	2126.3	2074.5	2027.3	1966.3	1901.7	1842.4	1784.5	1730.3	1679.1	1622.9
-50°	2017.2	1988.1	1953.1	1913.3	1863.7	1810.3	1758.8	1702.5	1656.7	1609.3	1554.3
-52.5°	1900.4	1876.4	1845.8	1808.2	1771.3	1728.4	1679.4	1631.1	1587.4	1538.7	1484.7
-55°	1801.9	1780.0	1754.0	1725.7	1693.7	1650.0	1606.2	1560.9	1514.1	1466.5	1400.5
-57.5°	1712.3	1692.4	1664.6	1635.8	1606.1	1567.0	1524.7	1482.2	1433.7	1376.6	1309.1
-60°	1604.3	1587.5	1557.5	1529.8	1505.2	1474.8	1427.3	1382.4	1340.6	1272.8	1200.2
-62.5°	1465.7	1442.9	1423.6	1401.3	1377.0	1348.0	1308.0	1261.2	1210.0	1151.1	1083.6
-65°	1317.2	1289.3	1271.8	1256.5	1236.1	1210.0	1170.3	1125.6	1075.0	1018.8	960.7
-67.5°	1175.0	1150.1	1132.7	1116.0	1094.7	1068.7	1030.9	987.0	938.9	888.6	838.5
-70°	1032.5	1012.7	995.1	976.8	953.3	925.0	888.6	847.8	804.9	761.7	719.4
-72.5°	884.4	869.0	851.3	830.0	805.1	777.5	746.7	712.8	677.1	639.8	603.2
-75°	732.6	718.0	700.8	680.7	658.9	635.5	610.5	582.8	553.8	523.3	492.6
-77.5°	576.0	562.4	547.5	532.5	516.6	499.9	481.3	458.3	435.2	411.0	386.4
-80°	421.5	412.0	401.8	392.9	383.0	372.1	359.4	341.2	322.2	303.4	285.9
-82.5°	284.5	277.5	269.8	264.5	258.4	251.7	243.9	232.1	220.2	208.2	196.1
-85°	161.4	155.0	148.4	146.6	144.3	141.7	138.6	132.5	126.1	119.4	112.3
-87.5°	55.0	51.6	48.2	49.6	50.7	51.7	52.3	50.7	48.9	47.1	45.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P628007 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	43.2	41.1	38.9	36.6	34.3	31.9	29.5	27.0	23.4	20.0	16.8
85°	104.9	97.2	89.3	81.0	72.3	63.8	59.0	53.9	46.7	40.0	33.5
82.5°	184.0	172.2	160.3	147.7	133.4	119.3	105.5	91.9	76.9	61.0	50.1
80°	269.7	253.0	235.6	217.3	196.4	174.4	155.2	136.5	118.2	98.8	78.2
77.5°	362.9	338.4	313.0	289.8	265.6	239.9	212.5	184.0	159.4	136.4	112.0
75°	462.3	432.5	402.1	370.6	338.1	305.2	273.9	241.1	208.2	174.6	145.6
72.5°	567.8	530.9	492.8	453.7	415.9	377.1	337.4	297.7	259.3	220.3	180.7
70°	676.1	631.1	586.7	542.6	496.5	448.6	403.3	356.6	309.9	265.4	220.3
67.5°	786.7	736.0	683.7	631.8	580.5	526.7	469.9	415.2	362.0	309.9	259.3
65°	902.9	843.0	781.6	722.7	664.0	605.2	543.0	475.0	413.1	354.7	297.7
62.5°	1017.3	951.8	882.9	812.8	746.0	680.8	614.8	539.1	464.4	398.5	335.5
60°	1128.1	1054.8	980.6	903.1	827.0	754.1	680.7	601.6	520.1	441.1	372.4
57.5°	1229.8	1152.8	1070.0	988.3	906.4	825.6	744.5	660.5	574.2	487.5	408.2
55°	1325.3	1241.4	1154.9	1066.6	980.7	894.7	806.6	717.0	626.2	533.6	443.3
52.5°	1414.8	1327.3	1235.4	1141.7	1048.8	959.9	867.0	771.9	675.7	578.1	481.9
50°	1493.1	1410.8	1313.6	1214.6	1114.0	1020.1	925.6	825.1	723.5	620.8	519.5
47.5°	1558.9	1483.3	1389.4	1285.1	1179.3	1079.0	980.5	876.5	769.7	661.8	555.7
45°	1623.2	1550.3	1459.5	1353.1	1243.8	1137.8	1033.3	925.9	814.0	701.4	590.2
42.5°	1683.5	1610.7	1525.9	1418.3	1305.4	1194.3	1084.6	972.6	856.5	739.0	623.0
40°	1734.9	1663.6	1588.4	1481.1	1363.6	1247.7	1133.3	1017.6	897.1	774.8	654.1
37.5°	1784.9	1711.9	1634.4	1540.2	1418.1	1297.8	1179.1	1060.8	936.4	809.5	683.3
35°	1833.4	1757.8	1675.6	1586.0	1468.9	1344.5	1221.8	1101.0	973.0	842.5	710.6
32.5°	1876.6	1798.9	1713.6	1623.2	1515.7	1387.6	1261.4	1136.5	1007.1	873.9	736.0
30°	1928.1	1833.5	1747.8	1659.7	1555.6	1427.1	1298.0	1169.5	1038.6	903.4	759.9
27.5°	1977.4	1866.7	1778.4	1690.0	1587.0	1463.0	1331.9	1200.1	1067.3	930.3	783.6
25°	2025.0	1904.7	1806.8	1715.4	1617.1	1497.3	1362.9	1228.0	1092.6	953.7	805.4
22.5°	2079.8	1939.5	1833.4	1737.4	1645.9	1528.2	1391.1	1253.4	1115.2	974.7	825.3
20°	2128.6	1968.2	1857.9	1758.2	1667.5	1551.7	1416.2	1275.9	1135.3	993.3	843.3
17.5°	2176.1	2000.8	1881.9	1778.2	1683.6	1572.2	1438.3	1295.7	1152.9	1009.4	859.3
15°	2242.2	2038.1	1902.7	1795.3	1697.3	1589.7	1457.1	1312.6	1168.0	1023.0	873.7
12.5°	2298.9	2069.3	1919.9	1809.2	1708.4	1604.1	1472.8	1326.7	1180.5	1035.2	886.4
10°	2344.8	2094.3	1933.3	1820.0	1716.9	1615.4	1485.2	1338.5	1192.2	1045.7	896.9
7.5°	2379.7	2112.9	1942.9	1827.7	1722.8	1623.8	1496.6	1349.1	1201.6	1054.0	905.1
5°	2403.4	2125.1	1950.9	1832.1	1726.1	1628.8	1505.0	1356.6	1208.3	1059.9	910.9
2.5°	2415.8	2130.5	1956.8	1833.2	1726.7	1630.4	1510.1	1361.2	1212.4	1063.4	914.4
0°	2416.7	2129.2	1958.9	1831.1	1724.7	1628.9	1511.8	1362.7	1213.7	1064.6	915.6
-2.5°	2415.8	2130.5	1956.8	1833.2	1726.7	1630.4	1510.1	1361.2	1212.4	1063.4	914.4
-5°	2403.4	2125.1	1950.9	1832.1	1726.1	1628.8	1505.0	1356.6	1208.3	1059.9	910.9
-7.5°	2379.7	2112.9	1942.9	1827.7	1722.8	1623.8	1496.6	1349.1	1201.6	1054.0	905.1
-10°	2344.8	2094.3	1933.3	1820.0	1716.9	1615.4	1485.2	1338.5	1192.2	1045.7	896.9
-12.5°	2298.9	2069.3	1919.9	1809.2	1708.4	1604.1	1472.8	1326.7	1180.5	1035.2	886.4
-15°	2242.2	2038.1	1902.7	1795.3	1697.3	1589.7	1457.1	1312.6	1168.0	1023.0	873.7
-17.5°	2176.1	2000.8	1881.9	1778.2	1683.6	1572.2	1438.3	1295.7	1152.9	1009.4	859.3
-20°	2128.6	1968.2	1857.9	1758.2	1667.5	1551.7	1416.2	1275.9	1135.3	993.3	843.3

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

Scaled Data Report



REPORT NUMBER: P628007 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-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°	2079.8	1939.5	1833.4	1737.4	1645.9	1528.2	1391.1	1253.4	1115.2	974.7	825.3
-25°	2025.0	1904.7	1806.8	1715.4	1617.1	1497.3	1362.9	1228.0	1092.6	953.7	805.4
-27.5°	1977.4	1866.7	1778.4	1690.0	1587.0	1463.0	1331.9	1200.1	1067.3	930.3	783.6
-30°	1928.1	1833.5	1747.8	1659.7	1555.6	1427.1	1298.0	1169.5	1038.6	903.4	759.9
-32.5°	1876.6	1798.9	1713.6	1623.2	1515.7	1387.6	1261.4	1136.5	1007.1	873.9	736.0
-35°	1833.4	1757.8	1675.6	1586.0	1468.9	1344.5	1221.8	1101.0	973.0	842.5	710.6
-37.5°	1784.9	1711.9	1634.4	1540.2	1418.1	1297.8	1179.1	1060.8	936.4	809.5	683.3
-40°	1734.9	1663.6	1588.4	1481.1	1363.6	1247.7	1133.3	1017.6	897.1	774.8	654.1
-42.5°	1683.5	1610.7	1525.9	1418.3	1305.4	1194.3	1084.6	972.6	856.5	739.0	623.0
-45°	1623.2	1550.3	1459.5	1353.1	1243.8	1137.8	1033.3	925.9	814.0	701.4	590.2
-47.5°	1558.9	1483.3	1389.4	1285.1	1179.3	1079.0	980.5	876.5	769.7	661.8	555.7
-50°	1493.1	1410.8	1313.6	1214.6	1114.0	1020.1	925.6	825.1	723.5	620.8	519.5
-52.5°	1414.8	1327.3	1235.4	1141.7	1048.8	959.9	867.0	771.9	675.7	578.1	481.9
-55°	1325.3	1241.4	1154.9	1066.6	980.7	894.7	806.6	717.0	626.2	533.6	443.3
-57.5°	1229.8	1152.8	1070.0	988.3	906.4	825.6	744.5	660.5	574.2	487.5	408.2
-60°	1128.1	1054.8	980.6	903.1	827.0	754.1	680.7	601.6	520.1	441.1	372.4
-62.5°	1017.3	951.8	882.9	812.8	746.0	680.8	614.8	539.1	464.4	398.5	335.5
-65°	902.9	843.0	781.6	722.7	664.0	605.2	543.0	475.0	413.1	354.7	297.7
-67.5°	786.7	736.0	683.7	631.8	580.5	526.7	469.9	415.2	362.0	309.9	259.3
-70°	676.1	631.1	586.7	542.6	496.5	448.6	403.3	356.6	309.9	265.4	220.3
-72.5°	567.8	530.9	492.8	453.7	415.9	377.1	337.4	297.7	259.3	220.3	180.7
-75°	462.3	432.5	402.1	370.6	338.1	305.2	273.9	241.1	208.2	174.6	145.6
-77.5°	362.9	338.4	313.0	289.8	265.6	239.9	212.5	184.0	159.4	136.4	112.0
-80°	269.7	253.0	235.6	217.3	196.4	174.4	155.2	136.5	118.2	98.8	78.2
-82.5°	184.0	172.2	160.3	147.7	133.4	119.3	105.5	91.9	76.9	61.0	50.1
-85°	104.9	97.2	89.3	81.0	72.3	63.8	59.0	53.9	46.7	40.0	33.5
-87.5°	43.2	41.1	38.9	36.6	34.3	31.9	29.5	27.0	23.4	20.0	16.8
-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: P628007 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-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°	13.8	11.5	9.2	6.9	4.6	2.3	0.0
85°	27.5	23.0	18.5	13.9	9.3	4.6	0.0
82.5°	41.2	34.4	27.6	20.8	13.9	6.9	0.0
80°	56.8	45.8	36.8	27.6	18.5	9.2	0.0
77.5°	86.5	61.9	45.8	34.4	23.0	11.5	0.0
75°	116.0	86.5	56.8	41.2	27.5	13.8	0.0
72.5°	145.2	110.9	76.3	47.9	32.0	16.0	0.0
70°	174.6	134.9	95.6	55.9	36.4	18.2	0.0
67.5°	207.9	158.6	114.6	70.2	40.7	20.4	0.0
65°	240.4	183.7	133.2	84.2	44.9	22.5	0.0
62.5°	272.2	209.8	151.5	97.9	49.1	24.6	0.0
60°	303.1	235.3	169.4	111.4	53.1	26.6	0.0
57.5°	334.1	260.1	188.9	124.5	61.7	28.6	0.0
55°	364.5	284.0	207.9	137.2	70.0	30.5	0.0
52.5°	394.2	307.5	226.2	149.6	78.1	32.4	0.0
50°	423.0	331.7	243.9	161.5	85.8	34.2	0.0
47.5°	451.5	355.1	260.9	173.3	93.2	35.9	0.0
45°	480.9	377.8	277.1	185.5	100.3	37.6	0.0
42.5°	509.0	399.6	292.5	197.0	107.0	39.2	0.0
40°	535.6	420.5	308.2	207.7	113.4	40.7	0.0
37.5°	560.7	440.5	324.0	217.7	119.4	42.2	0.0
35°	584.3	460.0	339.1	227.0	125.0	43.6	0.0
32.5°	606.2	478.4	353.3	235.8	130.2	44.9	0.0
30°	626.5	495.5	366.6	243.9	135.0	46.1	0.0
27.5°	645.1	511.2	378.4	251.3	139.4	47.2	0.0
25°	662.0	525.6	389.2	258.1	143.3	48.2	0.0
22.5°	677.1	538.3	398.9	264.2	146.9	49.1	0.0
20°	690.5	549.2	407.5	269.7	150.0	50.0	0.0
17.5°	702.7	558.6	415.1	274.4	152.7	50.7	0.0
15°	713.6	566.7	421.5	278.4	155.0	51.4	0.0
12.5°	723.0	573.4	426.9	281.8	156.8	51.9	0.0
10°	730.8	578.7	431.1	284.3	158.2	52.4	0.0
7.5°	737.0	582.6	434.1	286.2	159.2	52.7	0.0
5°	741.5	585.0	436.1	287.3	159.8	53.0	0.0
2.5°	744.3	586.0	436.9	287.7	160.0	53.1	0.0
0°	745.2	585.5	436.5	287.4	159.7	53.2	0.0
-2.5°	744.3	586.0	436.9	287.7	160.0	53.1	0.0
-5°	741.5	585.0	436.1	287.3	159.8	53.0	0.0
-7.5°	737.0	582.6	434.1	286.2	159.2	52.7	0.0
-10°	730.8	578.7	431.1	284.3	158.2	52.4	0.0
-12.5°	723.0	573.4	426.9	281.8	156.8	51.9	0.0
-15°	713.6	566.7	421.5	278.4	155.0	51.4	0.0
-17.5°	702.7	558.6	415.1	274.4	152.7	50.7	0.0
-20°	690.5	549.2	407.5	269.7	150.0	50.0	0.0

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

Scaled Data Report



REPORT NUMBER: P628007 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	677.1	538.3	398.9	264.2	146.9	49.1	0.0
-25°	662.0	525.6	389.2	258.1	143.3	48.2	0.0
-27.5°	645.1	511.2	378.4	251.3	139.4	47.2	0.0
-30°	626.5	495.5	366.6	243.9	135.0	46.1	0.0
-32.5°	606.2	478.4	353.3	235.8	130.2	44.9	0.0
-35°	584.3	460.0	339.1	227.0	125.0	43.6	0.0
-37.5°	560.7	440.5	324.0	217.7	119.4	42.2	0.0
-40°	535.6	420.5	308.2	207.7	113.4	40.7	0.0
-42.5°	509.0	399.6	292.5	197.0	107.0	39.2	0.0
-45°	480.9	377.8	277.1	185.5	100.3	37.6	0.0
-47.5°	451.5	355.1	260.9	173.3	93.2	35.9	0.0
-50°	423.0	331.7	243.9	161.5	85.8	34.2	0.0
-52.5°	394.2	307.5	226.2	149.6	78.1	32.4	0.0
-55°	364.5	284.0	207.9	137.2	70.0	30.5	0.0
-57.5°	334.1	260.1	188.9	124.5	61.7	28.6	0.0
-60°	303.1	235.3	169.4	111.4	53.1	26.6	0.0
-62.5°	272.2	209.8	151.5	97.9	49.1	24.6	0.0
-65°	240.4	183.7	133.2	84.2	44.9	22.5	0.0
-67.5°	207.9	158.6	114.6	70.2	40.7	20.4	0.0
-70°	174.6	134.9	95.6	55.9	36.4	18.2	0.0
-72.5°	145.2	110.9	76.3	47.9	32.0	16.0	0.0
-75°	116.0	86.5	56.8	41.2	27.5	13.8	0.0
-77.5°	86.5	61.9	45.8	34.4	23.0	11.5	0.0
-80°	56.8	45.8	36.8	27.6	18.5	9.2	0.0
-82.5°	41.2	34.4	27.6	20.8	13.9	6.9	0.0
-85°	27.5	23.0	18.5	13.9	9.3	4.6	0.0
-87.5°	13.8	11.5	9.2	6.9	4.6	2.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)