

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: P627671 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-722-U-VWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627671 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-17)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5D-722-U-VWR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N111
Light Source: (80) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

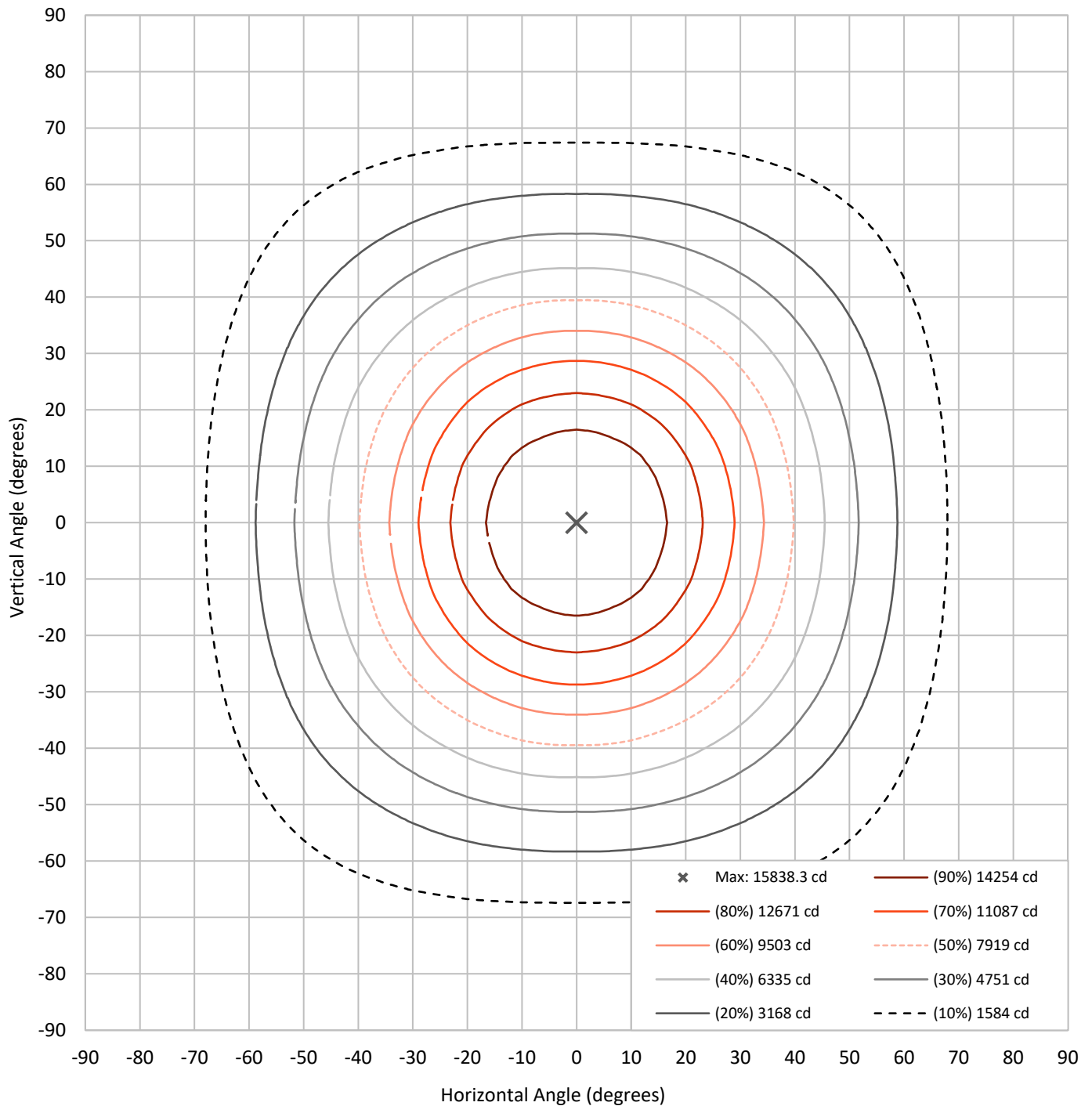
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	28626.4 lumens	Max Intensity:	15838.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	105.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	79.6°H x 78.9°V	Field Angle (10%):	135.9°H x 134.8°V
Beam Lumens:	16789.6 lumens	Field Lumens:	27290.4 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	271.3		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



REPORT NUMBER: P627671 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-722-U-VWR-XX

Iso-Candela Plot





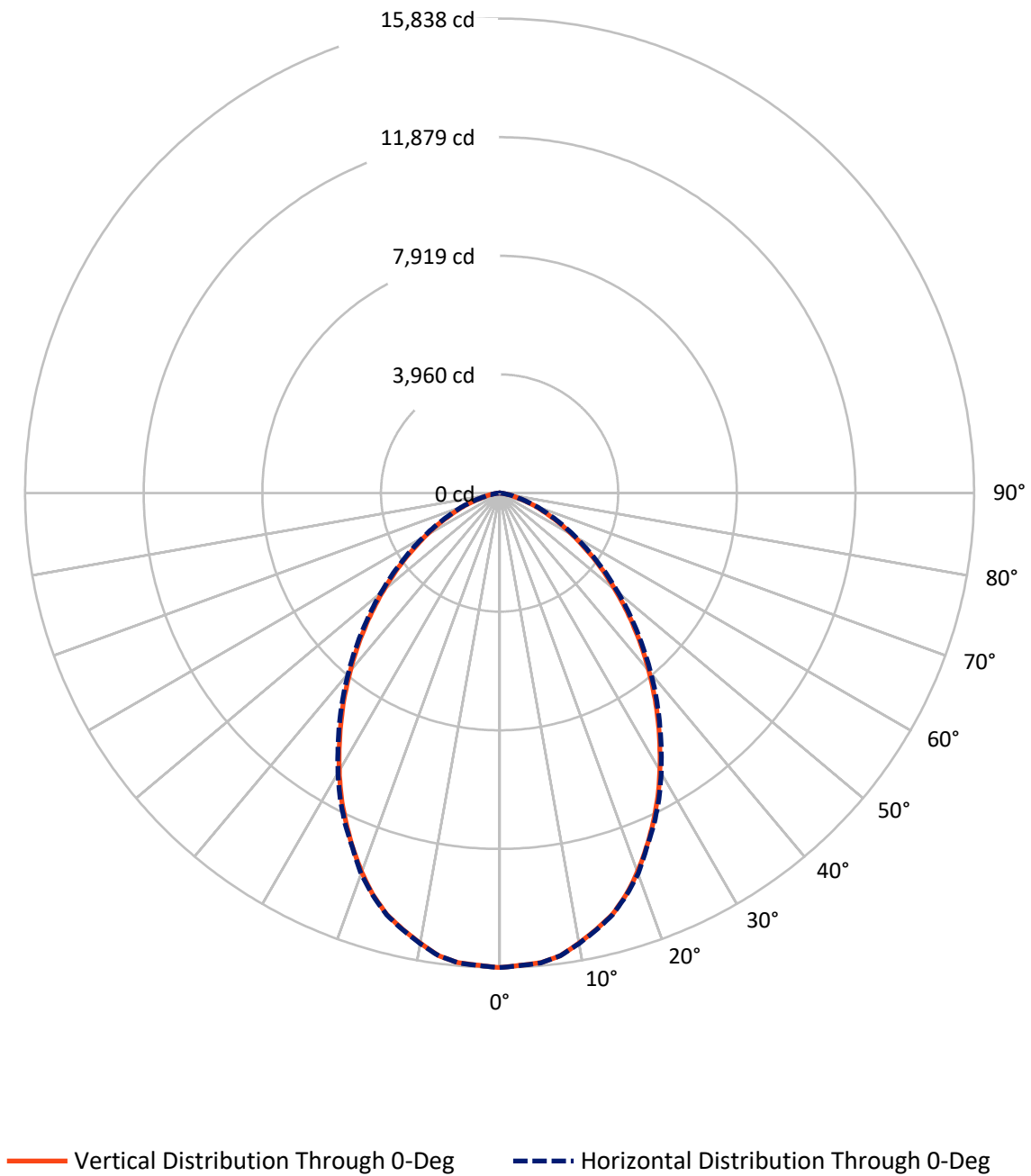
REPORT NUMBER: P627671 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-722-U-VWR-XX

Lumen Table

90																			
80	1.0	11.7	31.9	54.2	51.1	54.2	31.9	11.7	1.0										
70																			
60	5.3	7.3	14.8	25.2	37.0	47.7	55.8	59.7	59.7	55.8	47.7	37.0	25.2	14.8	7.3	5.3			
50																			
40	9.3	11.0	24.1	42.9	65.0	88.4	107.6	117.5	117.5	107.6	88.4	65.0	42.9	24.1	11.0	9.3			
30																			
20	12.0	14.8	34.8	64.3	101.8	141.1	174.1	192.1	192.1	174.1	141.1	101.8	64.3	34.8	14.8	12.0			
10																			
0	13.1	18.7	46.1	88.5	142.5	199.8	248.8	276.6	276.6	248.8	199.8	142.5	88.5	46.1	18.7	13.1			
-10																			
-20	12.0	22.4	56.7	111.2	181.5	257.6	324.0	362.1	362.1	324.0	257.6	181.5	111.2	56.7	22.4	12.0			
-30																			
-40	9.3	25.3	64.9	128.3	211.9	304.5	386.1	432.6	432.6	386.1	304.5	211.9	128.3	64.9	25.3	9.3			
-50																			
-60	5.3	26.8	69.5	138.0	228.8	330.4	419.7	468.6	468.6	419.7	330.4	228.8	138.0	69.5	26.8	5.3			
-70																			
-80	1.0	26.8	69.5	138.0	228.8	330.4	419.7	468.6	468.6	419.7	330.4	228.8	138.0	69.5	26.8	1.0			
-90																			

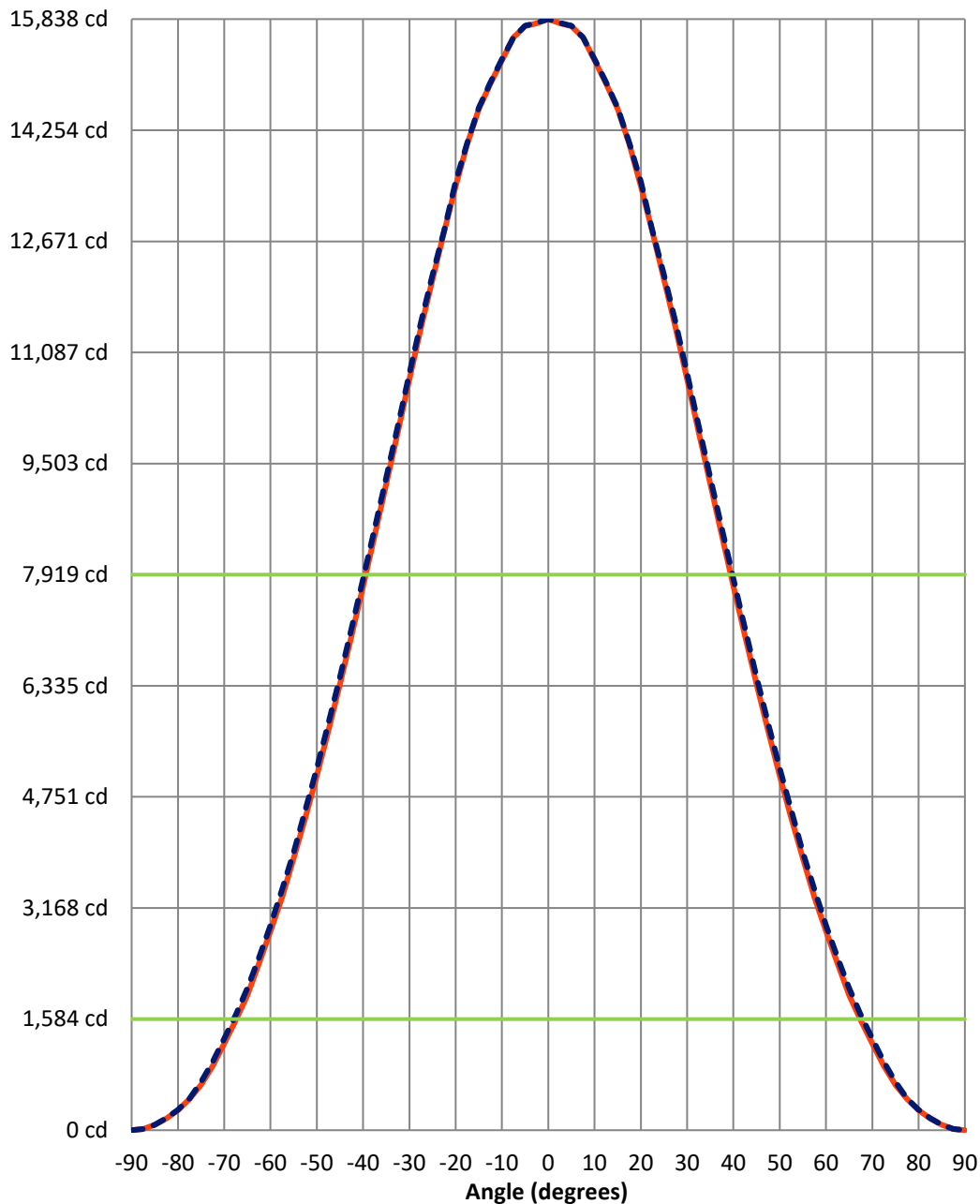
REPORT NUMBER: P627671 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-722-U-VWR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627671 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-722-U-VWR-XX

Luminous Intensity Plot



Beam:
 H Angle: 79.6°
 V Angle: 78.9°
 Lumens: 16789.6
 Efficiency: 58.7%

Field:
 H Angle: 135.9°
 V Angle: 134.8°
 Lumens: 27290.4
 Efficiency: 95.3%

Spill:
 Lumens: 1336
 Efficiency: 4.7%

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



REPORT NUMBER: P627671 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-722-U-VWR-XX

FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.9	2.1	3.1	4.1	5.1	6.1	7.1	8.1	9.1	10.0
85°	0.0	1.8	4.1	6.2	8.2	10.2	12.3	14.2	16.2	18.1	20.0
82.5°	0.0	2.7	6.2	9.3	12.3	15.3	18.4	21.3	26.7	42.0	56.8
80°	0.0	3.6	8.2	12.3	16.4	20.4	27.6	49.2	70.0	89.9	109.1
77.5°	0.0	4.5	10.2	15.3	20.4	32.0	60.2	87.4	113.0	137.6	168.0
75°	0.0	5.3	12.2	18.4	26.6	55.4	92.0	125.4	157.4	201.3	248.0
72.5°	0.0	6.2	14.1	21.3	42.4	78.2	122.9	166.2	216.4	269.9	326.5
70°	0.0	7.0	16.0	25.5	57.8	100.1	153.7	215.1	274.2	337.2	410.8
67.5°	0.0	7.9	17.8	35.0	72.5	121.2	190.7	262.9	330.7	410.3	494.7
65°	0.0	8.7	19.5	44.1	86.5	144.7	226.1	309.4	391.8	481.2	573.3
62.5°	0.0	9.4	21.3	52.8	99.8	170.5	259.7	357.9	450.8	549.0	643.5
60°	0.0	10.2	22.9	61.0	112.4	194.9	291.4	406.1	507.6	612.5	712.7
57.5°	0.0	10.9	27.5	68.8	129.1	217.8	324.7	451.1	563.6	674.8	778.3
55°	0.0	11.6	32.0	76.0	145.0	239.1	356.3	489.8	618.6	735.0	841.4
52.5°	0.0	12.3	36.4	82.6	159.8	259.4	385.5	530.2	672.4	790.5	902.7
50°	0.0	12.9	40.5	88.7	173.4	280.8	412.2	568.5	723.5	844.3	973.1
47.5°	0.0	13.5	44.5	95.0	185.8	300.4	437.3	604.1	769.8	896.3	1042.0
45°	0.0	14.1	48.3	103.3	197.0	318.1	465.3	636.9	805.8	955.3	1108.0
42.5°	0.0	14.6	51.8	110.8	206.9	333.9	490.8	667.1	840.3	1011.6	1185.7
40°	0.0	15.1	55.2	118.4	216.8	347.6	514.0	695.7	876.1	1064.4	1261.3
37.5°	0.0	15.5	58.3	126.0	226.7	359.3	534.8	722.9	916.3	1114.5	1332.3
35°	0.0	16.0	61.2	133.0	235.1	372.9	553.1	748.4	955.5	1172.2	1403.8
32.5°	0.0	16.3	63.9	139.5	242.2	386.4	570.1	772.3	993.5	1227.7	1479.5
30°	0.0	16.7	66.4	145.4	247.9	398.0	587.8	796.2	1030.2	1280.7	1550.3
27.5°	0.0	17.0	68.6	150.8	256.4	407.6	603.6	824.0	1067.9	1331.0	1616.0
25°	0.0	17.3	70.6	155.6	264.3	415.2	617.5	849.8	1107.3	1382.2	1676.8
22.5°	0.0	17.5	72.3	159.9	271.3	422.9	629.5	873.4	1143.5	1430.7	1741.4
20°	0.0	17.7	73.8	163.5	277.4	433.4	639.4	894.7	1176.4	1474.0	1799.4
17.5°	0.0	17.8	75.1	166.6	282.4	442.0	651.7	913.4	1205.7	1512.0	1850.6
15°	0.0	17.9	76.1	169.1	286.5	448.7	664.5	931.3	1231.2	1544.6	1894.7
12.5°	0.0	18.0	76.9	171.1	289.6	453.5	674.9	948.0	1254.3	1571.7	1931.6
10°	0.0	18.0	77.4	172.4	291.8	456.5	682.9	961.0	1274.2	1597.1	1962.7
7.5°	0.0	18.0	77.7	173.2	293.0	457.7	688.3	970.0	1289.5	1617.5	1989.6
5°	0.0	18.0	77.8	173.4	293.2	457.2	691.1	975.1	1300.0	1632.4	2008.9
2.5°	0.0	17.9	77.6	173.1	292.5	455.0	691.2	976.3	1305.6	1641.4	2020.4
0°	0.0	17.8	77.2	172.2	290.9	451.2	688.6	973.6	1306.0	1644.4	2024.3
-2.5°	0.0	17.9	77.6	173.1	292.5	455.0	691.2	976.3	1305.6	1641.4	2020.4
-5°	0.0	18.0	77.8	173.4	293.2	457.2	691.1	975.1	1300.0	1632.4	2008.9
-7.5°	0.0	18.0	77.7	173.2	293.0	457.7	688.3	970.0	1289.5	1617.5	1989.6
-10°	0.0	18.0	77.4	172.4	291.8	456.5	682.9	961.0	1274.2	1597.1	1962.7
-12.5°	0.0	18.0	76.9	171.1	289.6	453.5	674.9	948.0	1254.3	1571.7	1931.6
-15°	0.0	17.9	76.1	169.1	286.5	448.7	664.5	931.3	1231.2	1544.6	1894.7
-17.5°	0.0	17.8	75.1	166.6	282.4	442.0	651.7	913.4	1205.7	1512.0	1850.6
-20°	0.0	17.7	73.8	163.5	277.4	433.4	639.4	894.7	1176.4	1474.0	1799.4



REPORT NUMBER: P627671 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	17.5	72.3	159.9	271.3	422.9	629.5	873.4	1143.5	1430.7	1741.4
-25°	0.0	17.3	70.6	155.6	264.3	415.2	617.5	849.8	1107.3	1382.2	1676.8
-27.5°	0.0	17.0	68.6	150.8	256.4	407.6	603.6	824.0	1067.9	1331.0	1616.0
-30°	0.0	16.7	66.4	145.4	247.9	398.0	587.8	796.2	1030.2	1280.7	1550.3
-32.5°	0.0	16.3	63.9	139.5	242.2	386.4	570.1	772.3	993.5	1227.7	1479.5
-35°	0.0	16.0	61.2	133.0	235.1	372.9	553.1	748.4	955.5	1172.2	1403.8
-37.5°	0.0	15.5	58.3	126.0	226.7	359.3	534.8	722.9	916.3	1114.5	1332.3
-40°	0.0	15.1	55.2	118.4	216.8	347.6	514.0	695.7	876.1	1064.4	1261.3
-42.5°	0.0	14.6	51.8	110.8	206.9	333.9	490.8	667.1	840.3	1011.6	1185.7
-45°	0.0	14.1	48.3	103.3	197.0	318.1	465.3	636.9	805.8	955.3	1108.0
-47.5°	0.0	13.5	44.5	95.0	185.8	300.4	437.3	604.1	769.8	896.3	1042.0
-50°	0.0	12.9	40.5	88.7	173.4	280.8	412.2	568.5	723.5	844.3	973.1
-52.5°	0.0	12.3	36.4	82.6	159.8	259.4	385.5	530.2	672.4	790.5	902.7
-55°	0.0	11.6	32.0	76.0	145.0	239.1	356.3	489.8	618.6	735.0	841.4
-57.5°	0.0	10.9	27.5	68.8	129.1	217.8	324.7	451.1	563.6	674.8	778.3
-60°	0.0	10.2	22.9	61.0	112.4	194.9	291.4	406.1	507.6	612.5	712.7
-62.5°	0.0	9.4	21.3	52.8	99.8	170.5	259.7	357.9	450.8	549.0	643.5
-65°	0.0	8.7	19.5	44.1	86.5	144.7	226.1	309.4	391.8	481.2	573.3
-67.5°	0.0	7.9	17.8	35.0	72.5	121.2	190.7	262.9	330.7	410.3	494.7
-70°	0.0	7.0	16.0	25.5	57.8	100.1	153.7	215.1	274.2	337.2	410.8
-72.5°	0.0	6.2	14.1	21.3	42.4	78.2	122.9	166.2	216.4	269.9	326.5
-75°	0.0	5.3	12.2	18.4	26.6	55.4	92.0	125.4	157.4	201.3	248.0
-77.5°	0.0	4.5	10.2	15.3	20.4	32.0	60.2	87.4	113.0	137.6	168.0
-80°	0.0	3.6	8.2	12.3	16.4	20.4	27.6	49.2	70.0	89.9	109.1
-82.5°	0.0	2.7	6.2	9.3	12.3	15.3	18.4	21.3	26.7	42.0	56.8
-85°	0.0	1.8	4.1	6.2	8.2	10.2	12.3	14.2	16.2	18.1	20.0
-87.5°	0.0	0.9	2.1	3.1	4.1	5.1	6.1	7.1	8.1	9.1	10.0
-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: P627671 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	11.6	13.3	15.1	17.0	17.2	17.2	17.0	16.8	17.5	18.2	18.8
85°	23.2	26.6	37.0	47.0	51.8	54.8	56.1	55.9	65.0	75.5	87.0
82.5°	72.2	87.1	101.3	114.8	118.3	118.4	117.2	117.6	139.0	163.4	188.6
80°	128.6	147.5	172.5	194.7	204.4	209.4	211.7	211.3	238.3	274.3	312.2
77.5°	204.0	235.8	263.5	287.0	299.7	310.9	320.0	327.0	361.8	407.3	452.4
75°	289.9	324.9	359.5	389.7	410.8	426.5	441.1	464.6	510.1	563.2	609.3
72.5°	380.6	425.2	463.8	496.6	526.2	557.7	593.0	631.6	679.6	732.6	780.9
70°	477.5	526.5	566.9	606.4	646.8	693.9	746.8	798.8	852.4	910.9	967.2
67.5°	572.3	619.5	667.1	716.9	777.3	840.5	903.0	974.7	1048.1	1113.0	1171.2
65°	654.5	709.9	769.5	837.1	911.8	992.0	1075.4	1161.4	1254.5	1332.5	1403.6
62.5°	733.1	799.7	872.1	956.4	1051.6	1146.6	1253.0	1360.7	1465.4	1557.3	1642.3
60°	805.6	886.2	977.8	1081.1	1192.3	1318.5	1439.6	1562.1	1677.0	1781.1	1888.5
57.5°	876.0	977.5	1087.4	1211.4	1352.0	1493.7	1636.1	1767.9	1898.0	2024.8	2146.3
55°	950.6	1072.9	1203.6	1355.8	1514.2	1681.9	1835.3	1982.3	2125.6	2279.6	2425.9
52.5°	1032.6	1169.2	1332.9	1503.2	1686.2	1866.2	2034.7	2202.2	2375.4	2549.6	2740.1
50°	1111.8	1282.1	1461.5	1659.5	1857.2	2050.1	2243.3	2436.2	2643.7	2857.4	3073.3
47.5°	1204.3	1390.2	1602.0	1814.4	2030.5	2245.1	2460.4	2693.5	2929.3	3177.1	3415.8
45°	1298.0	1506.9	1735.1	1975.3	2209.0	2446.5	2698.3	2956.0	3232.5	3505.0	3792.2
42.5°	1386.7	1622.9	1874.5	2133.9	2393.8	2659.2	2936.0	3237.1	3539.3	3853.5	4169.2
40°	1485.0	1733.2	2010.6	2296.3	2578.3	2872.6	3189.0	3515.1	3856.9	4202.5	4545.3
37.5°	1579.5	1852.3	2143.9	2451.5	2767.9	3091.3	3434.9	3805.0	4175.7	4547.6	4925.6
35°	1668.0	1965.3	2281.2	2607.6	2943.3	3311.1	3695.2	4090.2	4491.9	4894.1	5300.8
32.5°	1759.0	2071.8	2412.3	2761.7	3131.5	3526.0	3946.7	4374.7	4802.5	5232.1	5677.1
30°	1850.3	2183.5	2539.3	2907.3	3311.9	3741.7	4193.8	4647.2	5099.8	5572.4	6046.8
27.5°	1936.5	2289.5	2664.0	3057.9	3484.7	3941.4	4421.5	4907.3	5395.3	5897.8	6403.7
25°	2015.9	2389.9	2779.8	3202.8	3655.2	4133.6	4633.8	5140.7	5675.8	6213.5	6741.8
22.5°	2093.3	2482.1	2887.1	3336.2	3809.6	4312.1	4832.9	5368.2	5927.4	6504.8	7051.5
20°	2167.8	2569.9	2991.4	3457.2	3948.0	4472.8	5014.0	5574.4	6161.1	6754.0	7342.0
17.5°	2234.0	2647.9	3088.6	3570.2	4080.0	4619.6	5177.0	5755.9	6368.7	6983.3	7606.4
15°	2291.5	2715.8	3172.8	3668.9	4196.7	4753.2	5328.3	5923.7	6552.3	7192.2	7840.0
12.5°	2340.2	2773.3	3243.6	3752.8	4295.7	4867.7	5458.4	6074.7	6720.2	7378.1	8044.7
10°	2379.8	2820.2	3300.9	3821.4	4376.5	4962.3	5565.5	6199.2	6864.0	7536.2	8216.8
7.5°	2413.5	2859.3	3346.4	3874.2	4438.8	5036.4	5648.9	6296.3	6978.6	7659.6	8355.1
5°	2438.0	2890.9	3388.2	3918.5	4493.0	5094.3	5712.1	6365.5	7062.3	7747.3	8455.3
2.5°	2452.8	2911.5	3416.6	3947.3	4535.6	5137.7	5768.2	6426.6	7123.7	7817.0	8530.7
0°	2457.7	2920.7	3431.2	3959.6	4559.2	5158.7	5799.9	6458.8	7153.4	7859.8	8578.1
-2.5°	2452.8	2911.5	3416.6	3947.3	4535.6	5137.7	5768.2	6426.6	7123.7	7817.0	8530.7
-5°	2438.0	2890.9	3388.2	3918.5	4493.0	5094.3	5712.1	6365.5	7062.3	7747.3	8455.3
-7.5°	2413.5	2859.3	3346.4	3874.2	4438.8	5036.4	5648.9	6296.3	6978.6	7659.6	8355.1
-10°	2379.8	2820.2	3300.9	3821.4	4376.5	4962.3	5565.5	6199.2	6864.0	7536.2	8216.8
-12.5°	2340.2	2773.3	3243.6	3752.8	4295.7	4867.7	5458.4	6074.7	6720.2	7378.1	8044.7
-15°	2291.5	2715.8	3172.8	3668.9	4196.7	4753.2	5328.3	5923.7	6552.3	7192.2	7840.0
-17.5°	2234.0	2647.9	3088.6	3570.2	4080.0	4619.6	5177.0	5755.9	6368.7	6983.3	7606.4
-20°	2167.8	2569.9	2991.4	3457.2	3948.0	4472.8	5014.0	5574.4	6161.1	6754.0	7342.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627671 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2093.3	2482.1	2887.1	3336.2	3809.6	4312.1	4832.9	5368.2	5927.4	6504.8	7051.5
-25°	2015.9	2389.9	2779.8	3202.8	3655.2	4133.6	4633.8	5140.7	5675.8	6213.5	6741.8
-27.5°	1936.5	2289.5	2664.0	3057.9	3484.7	3941.4	4421.5	4907.3	5395.3	5897.8	6403.7
-30°	1850.3	2183.5	2539.3	2907.3	3311.9	3741.7	4193.8	4647.2	5099.8	5572.4	6046.8
-32.5°	1759.0	2071.8	2412.3	2761.7	3131.5	3526.0	3946.7	4374.7	4802.5	5232.1	5677.1
-35°	1668.0	1965.3	2281.2	2607.6	2943.3	3311.1	3695.2	4090.2	4491.9	4894.1	5300.8
-37.5°	1579.5	1852.3	2143.9	2451.5	2767.9	3091.3	3434.9	3805.0	4175.7	4547.6	4925.6
-40°	1485.0	1733.2	2010.6	2296.3	2578.3	2872.6	3189.0	3515.1	3856.9	4202.5	4545.3
-42.5°	1386.7	1622.9	1874.5	2133.9	2393.8	2659.2	2936.0	3237.1	3539.3	3853.5	4169.2
-45°	1298.0	1506.9	1735.1	1975.3	2209.0	2446.5	2698.3	2956.0	3232.5	3505.0	3792.2
-47.5°	1204.3	1390.2	1602.0	1814.4	2030.5	2245.1	2460.4	2693.5	2929.3	3177.1	3415.8
-50°	1111.8	1282.1	1461.5	1659.5	1857.2	2050.1	2243.3	2436.2	2643.7	2857.4	3073.3
-52.5°	1032.6	1169.2	1332.9	1503.2	1686.2	1866.2	2034.7	2202.2	2375.4	2549.6	2740.1
-55°	950.6	1072.9	1203.6	1355.8	1514.2	1681.9	1835.3	1982.3	2125.6	2279.6	2425.9
-57.5°	876.0	977.5	1087.4	1211.4	1352.0	1493.7	1636.1	1767.9	1898.0	2024.8	2146.3
-60°	805.6	886.2	977.8	1081.1	1192.3	1318.5	1439.6	1562.1	1677.0	1781.1	1888.5
-62.5°	733.1	799.7	872.1	956.4	1051.6	1146.6	1253.0	1360.7	1465.4	1557.4	1642.3
-65°	654.5	709.9	769.5	837.1	911.8	992.0	1075.4	1161.4	1254.5	1332.5	1403.6
-67.5°	572.3	619.5	667.1	716.9	777.3	840.5	903.0	974.7	1048.1	1113.0	1171.2
-70°	477.5	526.5	566.9	606.4	646.8	693.9	746.8	798.8	852.4	910.9	967.2
-72.5°	380.6	425.2	463.8	496.6	526.2	557.7	593.0	631.6	679.6	732.6	780.9
-75°	289.9	324.9	359.5	389.7	410.8	426.5	441.1	464.6	510.1	563.2	609.3
-77.5°	204.0	235.8	263.5	287.0	299.7	310.9	320.0	327.0	361.8	407.3	452.4
-80°	128.6	147.5	172.5	194.7	204.4	209.4	211.7	211.3	238.3	274.3	312.2
-82.5°	72.2	87.1	101.3	114.8	118.3	118.4	117.2	117.6	139.0	163.4	188.6
-85°	23.2	26.6	37.0	47.0	51.8	54.8	56.1	55.9	65.0	75.5	87.0
-87.5°	11.6	13.3	15.1	17.0	17.2	17.2	17.0	16.8	17.5	18.2	18.8
-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: P627671 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	19.4	20.0	20.5	21.0	21.5	21.9	22.3	22.6	22.9	21.7	20.4
85°	99.2	106.2	112.7	119.0	124.9	130.6	135.9	140.8	145.3	132.8	118.8
82.5°	214.2	231.3	247.7	263.9	280.0	284.1	285.4	284.8	282.5	260.4	235.9
80°	349.6	378.7	406.1	433.3	460.1	463.2	460.1	454.6	446.8	417.7	384.8
77.5°	497.4	534.0	566.1	595.4	622.2	627.2	626.5	625.2	623.0	593.3	557.4
75°	648.9	684.7	719.3	748.7	773.2	784.5	790.0	793.9	796.0	774.8	746.9
72.5°	824.6	861.9	892.4	920.9	945.1	962.5	975.1	984.6	991.0	984.5	973.1
70°	1015.2	1055.2	1088.8	1121.1	1153.8	1180.1	1199.9	1214.3	1223.4	1229.4	1233.6
67.5°	1229.8	1283.5	1330.3	1370.3	1409.9	1447.1	1477.6	1502.5	1521.8	1538.1	1550.7
65°	1471.7	1540.3	1601.1	1657.0	1708.2	1762.1	1806.3	1843.4	1873.2	1897.9	1917.7
62.5°	1725.9	1810.0	1888.1	1963.9	2038.2	2111.3	2167.5	2218.6	2264.1	2303.2	2334.3
60°	1990.1	2085.7	2190.5	2290.6	2382.7	2466.8	2550.4	2622.8	2684.7	2736.1	2777.5
57.5°	2274.1	2397.9	2520.4	2644.7	2762.2	2872.1	2974.9	3065.7	3142.3	3205.2	3258.1
55°	2580.9	2735.7	2877.9	3034.6	3186.1	3324.0	3445.4	3552.1	3644.4	3721.7	3787.3
52.5°	2918.2	3106.3	3290.9	3469.3	3641.3	3801.3	3946.7	4070.9	4181.4	4276.2	4351.8
50°	3287.3	3502.4	3716.5	3914.9	4112.5	4296.9	4463.5	4607.7	4736.3	4847.7	4935.3
47.5°	3673.3	3918.2	4157.2	4384.4	4603.1	4808.0	4988.4	5152.7	5313.1	5443.9	5547.4
45°	4074.1	4348.9	4612.6	4872.2	5113.0	5342.7	5565.3	5770.0	5934.6	6078.7	6199.7
42.5°	4479.8	4786.4	5081.6	5364.8	5629.6	5895.3	6145.7	6369.4	6557.1	6721.0	6858.4
40°	4890.8	5226.4	5551.6	5860.5	6163.2	6452.8	6723.7	6959.6	7171.3	7365.9	7528.0
37.5°	5299.7	5668.8	6029.2	6375.3	6708.6	7022.3	7314.9	7581.6	7820.4	8042.1	8222.1
35°	5710.4	6115.4	6509.9	6890.7	7254.8	7601.0	7921.4	8224.8	8506.3	8730.8	8914.9
32.5°	6119.5	6555.0	6984.3	7403.5	7802.0	8175.2	8522.4	8857.6	9147.2	9394.0	9605.7
30°	6515.4	6987.1	7454.6	7909.2	8339.7	8744.1	9128.4	9483.0	9794.4	10064.3	10301.8
27.5°	6903.9	7410.7	7912.3	8397.9	8863.3	9302.8	9722.3	10106.7	10446.6	10739.9	10990.3
25°	7271.0	7815.8	8350.4	8865.3	9362.5	9847.3	10300.2	10719.8	11082.7	11404.7	11662.0
22.5°	7621.8	8202.8	8764.6	9306.2	9838.0	10360.5	10856.4	11294.5	11679.2	12015.8	12300.5
20°	7948.6	8571.2	9145.9	9718.8	10278.9	10836.9	11369.2	11831.5	12238.5	12596.9	12910.8
17.5°	8254.2	8892.7	9497.9	10107.8	10698.1	11283.4	11824.3	12319.8	12758.9	13139.5	13468.2
15°	8512.8	9157.6	9818.6	10469.7	11092.3	11685.0	12225.4	12742.8	13230.5	13642.0	13975.4
12.5°	8722.2	9392.8	10082.3	10773.6	11432.0	12023.9	12589.7	13114.6	13626.7	14089.1	14395.5
10°	8900.7	9591.2	10303.0	11008.0	11675.2	12301.5	12916.6	13471.6	13974.9	14388.9	14731.1
7.5°	9055.0	9766.3	10489.3	11195.3	11860.3	12507.4	13140.6	13730.1	14238.2	14628.2	14933.4
5°	9168.8	9897.0	10633.9	11346.5	12020.8	12670.0	13306.0	13888.2	14384.1	14780.9	15113.8
2.5°	9250.2	9985.3	10727.4	11441.0	12130.3	12781.1	13433.1	14021.7	14502.0	14865.6	15184.3
0°	9302.4	10038.5	10786.5	11516.6	12193.4	12822.7	13523.1	14075.2	14573.9	14936.0	15268.5
-2.5°	9250.2	9985.3	10727.4	11441.0	12130.3	12781.1	13433.1	14021.7	14502.0	14865.6	15184.3
-5°	9168.8	9897.0	10633.9	11346.5	12020.8	12670.0	13306.0	13888.2	14384.1	14780.9	15113.8
-7.5°	9055.0	9766.3	10489.3	11195.3	11860.3	12507.4	13140.6	13730.1	14238.2	14628.2	14933.4
-10°	8900.7	9591.2	10303.0	11008.0	11675.2	12301.5	12916.6	13471.6	13974.9	14388.9	14731.1
-12.5°	8722.2	9392.8	10082.3	10773.6	11432.0	12023.9	12589.7	13114.6	13626.7	14089.1	14395.5
-15°	8512.8	9157.6	9818.6	10469.7	11092.3	11685.0	12225.4	12742.8	13230.5	13642.0	13975.4
-17.5°	8254.2	8892.7	9497.9	10107.8	10698.1	11283.4	11824.3	12319.8	12758.9	13139.5	13468.2
-20°	7948.6	8571.2	9145.9	9718.8	10278.9	10836.9	11369.2	11831.5	12238.5	12596.9	12910.8



REPORT NUMBER: P627671 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	7621.8	8202.8	8764.6	9306.2	9838.0	10360.5	10856.4	11294.5	11679.2	12015.8	12300.5
-25°	7271.0	7815.8	8350.4	8865.3	9362.5	9847.3	10300.2	10719.8	11082.7	11404.7	11662.0
-27.5°	6903.9	7410.7	7912.3	8397.9	8863.3	9302.8	9722.3	10106.7	10446.6	10739.9	10990.3
-30°	6515.4	6987.1	7454.6	7909.2	8339.7	8744.1	9128.4	9483.0	9794.4	10064.3	10301.8
-32.5°	6119.5	6555.0	6984.3	7403.5	7802.0	8175.2	8522.4	8857.6	9147.2	9394.0	9605.7
-35°	5710.4	6115.4	6509.9	6890.7	7254.8	7601.0	7921.4	8224.8	8506.3	8730.8	8914.9
-37.5°	5299.7	5668.8	6029.2	6375.3	6708.6	7022.3	7314.9	7581.6	7820.4	8042.1	8222.1
-40°	4890.8	5226.4	5551.6	5860.5	6163.2	6452.8	6723.7	6959.6	7171.3	7365.9	7528.0
-42.5°	4479.8	4786.4	5081.6	5364.8	5629.6	5895.3	6145.7	6369.4	6557.1	6721.0	6858.4
-45°	4074.1	4348.9	4612.6	4872.2	5113.0	5342.7	5565.3	5770.0	5934.6	6078.7	6199.7
-47.5°	3673.3	3918.2	4157.2	4384.4	4603.1	4808.0	4988.4	5152.7	5313.1	5443.9	5547.4
-50°	3287.3	3502.4	3716.5	3914.9	4112.5	4296.9	4463.5	4607.7	4736.3	4847.7	4935.3
-52.5°	2918.2	3106.3	3290.9	3469.3	3641.3	3801.3	3946.7	4070.9	4181.4	4276.2	4351.8
-55°	2580.9	2735.7	2877.9	3034.6	3186.1	3324.0	3445.4	3552.1	3644.4	3721.7	3787.3
-57.5°	2274.1	2397.9	2520.4	2644.7	2762.2	2872.1	2974.9	3065.7	3142.3	3205.2	3258.1
-60°	1990.1	2085.7	2190.5	2290.6	2382.7	2466.8	2550.4	2622.8	2684.7	2736.1	2777.5
-62.5°	1725.9	1810.0	1888.1	1963.9	2038.2	2111.3	2167.5	2218.6	2264.1	2303.2	2334.3
-65°	1471.7	1540.3	1601.1	1657.0	1708.2	1762.1	1806.3	1843.4	1873.2	1897.9	1917.7
-67.5°	1229.8	1283.5	1330.3	1370.3	1409.9	1447.1	1477.6	1502.5	1521.8	1538.1	1550.7
-70°	1015.2	1055.2	1088.8	1121.1	1153.8	1180.1	1199.9	1214.3	1223.4	1229.4	1233.6
-72.5°	824.6	861.9	892.4	920.9	945.1	962.5	975.1	984.6	991.0	984.5	973.1
-75°	648.9	684.7	719.3	748.7	773.2	784.5	790.0	793.9	796.0	774.8	746.9
-77.5°	497.4	534.0	566.1	595.4	622.2	627.2	626.5	625.2	623.0	593.3	557.4
-80°	349.6	378.7	406.1	433.3	460.1	463.2	460.1	454.6	446.8	417.7	384.8
-82.5°	214.2	231.3	247.7	263.9	280.0	284.1	285.4	284.8	282.5	260.4	235.9
-85°	99.2	106.2	112.7	119.0	124.9	130.6	135.9	140.8	145.3	132.8	118.8
-87.5°	19.4	20.0	20.5	21.0	21.5	21.9	22.3	22.6	22.9	21.7	20.4
-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: P627671 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	19.1	17.7	17.8	17.8	17.8	17.7	19.1	20.4	21.7	22.9	22.6
85°	104.0	88.6	83.0	77.2	83.0	88.6	104.0	118.8	132.8	145.3	140.8
82.5°	210.2	183.4	174.9	166.2	174.9	183.4	210.2	235.9	260.4	282.5	284.8
80°	350.1	313.8	299.5	284.9	299.5	313.8	350.1	384.8	417.7	446.8	454.6
77.5°	519.5	479.7	462.6	445.2	462.6	479.7	519.5	557.4	593.3	623.0	625.2
75°	717.5	686.3	667.4	647.1	667.4	686.3	717.5	746.9	774.8	796.0	793.9
72.5°	960.1	944.8	931.0	914.2	931.0	944.8	960.1	973.1	984.5	991.0	984.6
70°	1235.0	1233.0	1235.5	1234.8	1235.5	1233.0	1235.0	1233.6	1229.4	1223.4	1214.3
67.5°	1557.2	1557.6	1564.2	1567.2	1564.2	1557.6	1557.2	1550.7	1538.1	1521.8	1502.5
65°	1929.9	1934.4	1932.7	1923.4	1932.7	1934.4	1929.9	1917.7	1897.9	1873.2	1843.4
62.5°	2356.4	2369.1	2376.2	2374.6	2376.2	2369.1	2356.4	2334.3	2303.2	2264.1	2218.6
60°	2808.5	2828.5	2838.6	2837.6	2838.6	2828.5	2808.5	2777.5	2736.1	2684.7	2622.8
57.5°	3297.4	3323.2	3329.2	3318.5	3329.2	3323.2	3297.4	3258.1	3205.2	3142.3	3065.7
55°	3836.8	3869.8	3882.5	3876.5	3882.5	3869.8	3836.8	3787.3	3721.7	3644.4	3552.1
52.5°	4407.2	4442.9	4455.5	4446.4	4455.5	4442.9	4407.2	4351.8	4276.2	4181.4	4070.9
50°	4999.7	5042.8	5060.2	5051.9	5060.2	5042.8	4999.7	4935.3	4847.7	4736.3	4607.7
47.5°	5628.5	5685.9	5708.2	5693.0	5708.2	5685.9	5628.5	5547.4	5443.9	5313.1	5152.7
45°	6290.1	6349.7	6372.8	6357.9	6372.8	6349.7	6290.1	6199.7	6078.7	5934.6	5770.0
42.5°	6963.6	7041.0	7073.7	7046.5	7073.7	7041.0	6963.6	6858.4	6721.0	6557.1	6369.4
40°	7649.0	7733.0	7771.7	7753.0	7771.7	7733.0	7649.0	7528.0	7365.9	7171.3	6959.6
37.5°	8352.0	8435.6	8476.6	8477.2	8476.6	8435.6	8352.0	8222.1	8042.1	7820.4	7581.6
35°	9057.6	9158.8	9216.1	9213.3	9216.1	9158.8	9057.6	8914.9	8730.8	8506.3	8224.8
32.5°	9773.1	9882.7	9941.1	9949.4	9941.1	9882.7	9773.1	9605.7	9394.0	9147.2	8857.6
30°	10487.4	10607.9	10675.6	10703.4	10675.6	10607.9	10487.4	10301.8	10064.3	9794.4	9483.0
27.5°	11180.1	11328.3	11430.6	11439.5	11430.6	11328.3	11180.1	10990.3	10739.9	10446.6	10106.7
25°	11850.9	12001.9	12106.8	12128.1	12106.8	12001.9	11850.9	11662.0	11404.7	11082.7	10719.8
22.5°	12512.1	12669.9	12766.7	12804.8	12766.7	12669.9	12512.1	12300.5	12015.8	11679.2	11294.5
20°	13143.3	13314.3	13417.0	13457.8	13417.0	13314.3	13143.3	12910.8	12596.9	12238.5	11831.5
17.5°	13714.3	13895.0	14021.8	14057.4	14021.8	13895.0	13714.3	13468.2	13139.5	12758.9	12319.8
15°	14216.9	14388.2	14508.6	14556.1	14508.6	14388.2	14216.9	13975.4	13642.0	13230.5	12742.8
12.5°	14625.8	14779.1	14873.4	14918.2	14873.4	14779.1	14625.8	14395.5	14089.1	13626.7	13114.6
10°	14945.4	15099.2	15189.2	15250.6	15189.2	15099.2	14945.4	14731.1	14388.9	13974.9	13471.6
7.5°	15222.8	15380.3	15490.5	15577.1	15490.5	15380.3	15222.8	14933.4	14628.2	14238.2	13730.1
5°	15375.8	15639.0	15678.5	15737.4	15678.5	15639.0	15375.8	15113.8	14780.9	14384.1	13888.2
2.5°	15492.7	15679.2	15791.4	15779.0	15791.4	15679.2	15492.7	15184.3	14865.6	14502.0	14021.7
0°	15577.1	15743.4	15784.9	15838.3	15784.9	15743.4	15577.1	15268.5	14936.0	14573.9	14075.2
-2.5°	15492.7	15679.2	15791.4	15779.0	15791.4	15679.2	15492.7	15184.3	14865.6	14502.0	14021.7
-5°	15375.8	15639.0	15678.5	15737.4	15678.5	15639.0	15375.8	15113.8	14780.9	14384.1	13888.2
-7.5°	15222.8	15380.3	15490.5	15577.1	15490.5	15380.3	15222.8	14933.4	14628.2	14238.2	13730.1
-10°	14945.4	15099.2	15189.2	15250.6	15189.2	15099.2	14945.4	14731.1	14388.9	13974.9	13471.6
-12.5°	14625.8	14779.1	14873.4	14918.2	14873.4	14779.1	14625.8	14395.5	14089.1	13626.7	13114.6
-15°	14216.9	14388.2	14508.6	14556.1	14508.6	14388.2	14216.9	13975.4	13642.0	13230.5	12742.8
-17.5°	13714.3	13895.0	14021.8	14057.4	14021.8	13895.0	13714.3	13468.2	13139.5	12758.9	12319.8
-20°	13143.3	13314.3	13417.0	13457.8	13417.0	13314.3	13143.3	12910.8	12596.9	12238.5	11831.5



REPORT NUMBER: P627671 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	12512.1	12669.9	12766.7	12804.8	12766.7	12669.9	12512.1	12300.5	12015.8	11679.2	11294.5
-25°	11850.9	12001.9	12106.8	12128.1	12106.8	12001.9	11850.9	11662.0	11404.7	11082.7	10719.8
-27.5°	11180.1	11328.3	11430.6	11439.5	11430.6	11328.3	11180.1	10990.3	10739.9	10446.6	10106.7
-30°	10487.4	10607.9	10675.6	10703.4	10675.6	10607.9	10487.4	10301.8	10064.3	9794.4	9483.0
-32.5°	9773.1	9882.7	9941.1	9949.4	9941.1	9882.7	9773.1	9605.7	9394.0	9147.2	8857.6
-35°	9057.6	9158.8	9216.1	9213.3	9216.1	9158.8	9057.6	8914.9	8730.8	8506.3	8224.8
-37.5°	8352.0	8435.6	8476.6	8477.2	8476.6	8435.6	8352.0	8222.1	8042.1	7820.4	7581.6
-40°	7649.0	7733.0	7771.7	7753.0	7771.7	7733.0	7649.0	7528.0	7365.9	7171.3	6959.6
-42.5°	6963.6	7041.0	7073.7	7046.5	7073.7	7041.0	6963.6	6858.4	6721.0	6557.1	6369.4
-45°	6290.1	6349.7	6372.8	6357.9	6372.8	6349.7	6290.1	6199.7	6078.7	5934.6	5770.0
-47.5°	5628.5	5685.9	5708.2	5693.0	5708.2	5685.9	5628.5	5547.4	5443.9	5313.1	5152.7
-50°	4999.7	5042.8	5060.2	5051.9	5060.2	5042.8	4999.7	4935.3	4847.7	4736.3	4607.7
-52.5°	4407.2	4442.9	4455.5	4446.4	4455.5	4442.9	4407.2	4351.8	4276.2	4181.4	4070.9
-55°	3836.8	3869.8	3882.5	3876.5	3882.5	3869.8	3836.8	3787.3	3721.7	3644.4	3552.1
-57.5°	3297.4	3323.2	3329.2	3318.5	3329.2	3323.2	3297.4	3258.1	3205.2	3142.3	3065.7
-60°	2808.5	2828.5	2838.6	2837.6	2838.6	2828.5	2808.5	2777.5	2736.1	2684.7	2622.8
-62.5°	2356.4	2369.1	2376.2	2374.6	2376.2	2369.1	2356.4	2334.3	2303.2	2264.1	2218.6
-65°	1929.9	1934.4	1932.7	1923.4	1932.7	1934.4	1929.9	1917.7	1897.9	1873.2	1843.4
-67.5°	1557.2	1557.6	1564.2	1567.2	1564.2	1557.6	1557.2	1550.7	1538.1	1521.8	1502.5
-70°	1235.0	1233.0	1235.5	1234.8	1235.5	1233.0	1235.0	1233.6	1229.4	1223.4	1214.3
-72.5°	960.1	944.8	931.0	914.2	931.0	944.8	960.1	973.1	984.5	991.0	984.6
-75°	717.5	686.3	667.4	647.1	667.4	686.3	717.5	746.9	774.8	796.0	793.9
-77.5°	519.5	479.7	462.6	445.2	462.6	479.7	519.5	557.4	593.3	623.0	625.2
-80°	350.1	313.8	299.5	284.9	299.5	313.8	350.1	384.8	417.7	446.8	454.6
-82.5°	210.2	183.4	174.9	166.2	174.9	183.4	210.2	235.9	260.4	282.5	284.8
-85°	104.0	88.6	83.0	77.2	83.0	88.6	104.0	118.8	132.8	145.3	140.8
-87.5°	19.1	17.7	17.8	17.8	17.8	17.7	19.1	20.4	21.7	22.9	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



REPORT NUMBER: P627671 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	22.3	21.9	21.5	21.0	20.5	20.0	19.4	18.8	18.2	17.5	16.8
85°	135.9	130.6	124.9	119.0	112.7	106.2	99.2	87.0	75.5	65.0	55.9
82.5°	285.4	284.1	280.0	263.9	247.7	231.3	214.2	188.6	163.4	139.0	117.6
80°	460.1	463.2	460.1	433.3	406.1	378.7	349.6	312.2	274.3	238.3	211.3
77.5°	626.5	627.2	622.2	595.4	566.1	534.0	497.4	452.4	407.3	361.8	327.0
75°	790.0	784.5	773.2	748.7	719.3	684.7	648.9	609.3	563.2	510.1	464.6
72.5°	975.1	962.5	945.1	920.9	892.4	861.9	824.6	780.9	732.6	679.6	631.6
70°	1199.9	1180.1	1153.8	1121.1	1088.8	1055.2	1015.2	967.2	910.9	852.4	798.8
67.5°	1477.6	1447.1	1409.9	1370.3	1330.3	1283.5	1229.8	1171.2	1113.0	1048.1	974.7
65°	1806.3	1762.1	1708.2	1657.0	1601.1	1540.3	1471.7	1403.6	1332.5	1254.5	1161.4
62.5°	2167.5	2111.3	2038.2	1963.9	1888.1	1810.0	1725.9	1642.3	1557.3	1465.4	1360.7
60°	2550.4	2466.8	2382.7	2290.6	2190.5	2085.7	1990.1	1888.5	1781.1	1677.0	1562.1
57.5°	2974.9	2872.1	2762.2	2644.7	2520.4	2397.9	2274.1	2146.3	2024.8	1898.0	1767.9
55°	3445.4	3324.0	3186.1	3034.6	2877.9	2735.7	2580.9	2425.9	2279.6	2125.6	1982.3
52.5°	3946.7	3801.3	3641.3	3469.3	3290.9	3106.3	2918.2	2740.1	2549.6	2375.4	2202.2
50°	4463.5	4296.9	4112.5	3914.9	3716.5	3502.4	3287.3	3073.3	2857.4	2643.7	2436.2
47.5°	4988.4	4808.0	4603.1	4384.4	4157.2	3918.2	3673.3	3415.8	3177.1	2929.3	2693.5
45°	5565.3	5342.7	5113.0	4872.2	4612.6	4348.9	4074.1	3792.2	3505.0	3232.5	2956.0
42.5°	6145.7	5895.3	5629.6	5364.8	5081.6	4786.4	4479.8	4169.2	3853.5	3539.3	3237.1
40°	6723.7	6452.8	6163.2	5860.5	5551.6	5226.4	4890.8	4545.3	4202.5	3856.9	3515.1
37.5°	7314.9	7022.3	6708.6	6375.3	6029.2	5668.8	5299.7	4925.6	4547.6	4175.7	3805.0
35°	7921.4	7601.0	7254.8	6890.7	6509.9	6115.4	5710.4	5300.8	4894.1	4491.9	4090.2
32.5°	8522.4	8175.2	7802.0	7403.5	6984.3	6555.0	6119.5	5677.1	5232.1	4802.5	4374.7
30°	9128.4	8744.1	8339.7	7909.2	7454.6	6987.1	6515.4	6046.8	5572.4	5099.8	4647.2
27.5°	9722.3	9302.8	8863.3	8397.9	7912.3	7410.7	6903.9	6403.7	5897.8	5395.3	4907.3
25°	10300.2	9847.3	9362.5	8865.3	8350.4	7815.8	7271.0	6741.8	6213.5	5675.8	5140.7
22.5°	10856.4	10360.5	9838.0	9306.2	8764.6	8202.8	7621.8	7051.5	6504.8	5927.4	5368.2
20°	11369.2	10836.9	10278.9	9718.8	9145.9	8571.2	7948.6	7342.0	6754.0	6161.1	5574.4
17.5°	11824.3	11283.4	10698.1	10107.8	9497.9	8892.7	8254.2	7606.4	6983.3	6368.7	5755.9
15°	12225.4	11685.0	11092.3	10469.7	9818.6	9157.6	8512.8	7840.0	7192.2	6552.3	5923.7
12.5°	12589.7	12023.9	11432.0	10773.6	10082.3	9392.8	8722.2	8044.7	7378.1	6720.2	6074.7
10°	12916.6	12301.5	11675.2	11008.0	10303.0	9591.2	8900.7	8216.8	7536.2	6864.0	6199.2
7.5°	13140.6	12507.4	11860.3	11195.3	10489.3	9766.3	9055.0	8355.1	7659.6	6978.6	6296.3
5°	13306.0	12670.0	12020.8	11346.5	10633.9	9897.0	9168.8	8455.3	7747.3	7062.3	6365.5
2.5°	13433.1	12781.1	12130.3	11441.0	10727.4	9985.3	9250.2	8530.7	7817.0	7123.7	6426.6
0°	13523.1	12822.7	12193.4	11516.6	10786.5	10038.5	9302.4	8578.1	7859.8	7153.4	6458.8
-2.5°	13433.1	12781.1	12130.3	11441.0	10727.4	9985.3	9250.2	8530.7	7817.0	7123.7	6426.6
-5°	13306.0	12670.0	12020.8	11346.5	10633.9	9897.0	9168.8	8455.3	7747.3	7062.3	6365.5
-7.5°	13140.6	12507.4	11860.3	11195.3	10489.3	9766.3	9055.0	8355.1	7659.6	6978.6	6296.3
-10°	12916.6	12301.5	11675.2	11008.0	10303.0	9591.2	8900.7	8216.8	7536.2	6864.0	6199.2
-12.5°	12589.7	12023.9	11432.0	10773.6	10082.3	9392.8	8722.2	8044.7	7378.1	6720.2	6074.7
-15°	12225.4	11685.0	11092.3	10469.7	9818.6	9157.6	8512.8	7840.0	7192.2	6552.3	5923.7
-17.5°	11824.3	11283.4	10698.1	10107.8	9497.9	8892.7	8254.2	7606.4	6983.3	6368.7	5755.9
-20°	11369.2	10836.9	10278.9	9718.8	9145.9	8571.2	7948.6	7342.0	6754.0	6161.1	5574.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627671 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	10856.4	10360.5	9838.0	9306.2	8764.6	8202.8	7621.8	7051.5	6504.8	5927.4	5368.2
-25°	10300.2	9847.3	9362.5	8865.3	8350.4	7815.8	7271.0	6741.8	6213.5	5675.8	5140.7
-27.5°	9722.3	9302.8	8863.3	8397.9	7912.3	7410.7	6903.9	6403.7	5897.8	5395.3	4907.3
-30°	9128.4	8744.1	8339.7	7909.2	7454.6	6987.1	6515.4	6046.8	5572.4	5099.8	4647.2
-32.5°	8522.4	8175.2	7802.0	7403.5	6984.3	6555.0	6119.5	5677.1	5232.1	4802.5	4374.7
-35°	7921.4	7601.0	7254.8	6890.7	6509.9	6115.4	5710.4	5300.8	4894.1	4491.9	4090.2
-37.5°	7314.9	7022.3	6708.6	6375.3	6029.2	5668.8	5299.7	4925.6	4547.6	4175.7	3805.0
-40°	6723.7	6452.8	6163.2	5860.5	5551.6	5226.4	4890.8	4545.3	4202.5	3856.9	3515.1
-42.5°	6145.7	5895.3	5629.6	5364.8	5081.6	4786.4	4479.8	4169.2	3853.5	3539.3	3237.1
-45°	5565.3	5342.7	5113.0	4872.2	4612.6	4348.9	4074.1	3792.2	3505.0	3232.5	2956.0
-47.5°	4988.4	4808.0	4603.1	4384.4	4157.2	3918.2	3673.3	3415.8	3177.1	2929.3	2693.5
-50°	4463.5	4296.9	4112.5	3914.9	3716.5	3502.4	3287.3	3073.3	2857.4	2643.7	2436.2
-52.5°	3946.7	3801.3	3641.3	3469.3	3290.9	3106.3	2918.2	2740.1	2549.6	2375.4	2202.2
-55°	3445.4	3324.0	3186.1	3034.6	2877.9	2735.7	2580.9	2425.9	2279.6	2125.6	1982.3
-57.5°	2974.9	2872.1	2762.2	2644.7	2520.4	2397.9	2274.1	2146.3	2024.8	1898.0	1767.9
-60°	2550.4	2466.8	2382.7	2290.6	2190.5	2085.7	1990.1	1888.5	1781.1	1677.0	1562.1
-62.5°	2167.5	2111.3	2038.2	1963.9	1888.1	1810.0	1725.9	1642.3	1557.4	1465.4	1360.7
-65°	1806.3	1762.1	1708.2	1657.0	1601.1	1540.3	1471.7	1403.6	1332.5	1254.5	1161.4
-67.5°	1477.6	1447.1	1409.9	1370.3	1330.3	1283.5	1229.8	1171.2	1113.0	1048.1	974.7
-70°	1199.9	1180.1	1153.8	1121.1	1088.8	1055.2	1015.2	967.2	910.9	852.4	798.8
-72.5°	975.1	962.5	945.1	920.9	892.4	861.9	824.6	780.9	732.6	679.6	631.6
-75°	790.0	784.5	773.2	748.7	719.3	684.7	648.9	609.3	563.2	510.1	464.6
-77.5°	626.5	627.2	622.2	595.4	566.1	534.0	497.4	452.4	407.3	361.8	327.0
-80°	460.1	463.2	460.1	433.3	406.1	378.7	349.6	312.2	274.3	238.3	211.3
-82.5°	285.4	284.1	280.0	263.9	247.7	231.3	214.2	188.6	163.4	139.0	117.6
-85°	135.9	130.6	124.9	119.0	112.7	106.2	99.2	87.0	75.5	65.0	55.9
-87.5°	22.3	21.9	21.5	21.0	20.5	20.0	19.4	18.8	18.2	17.5	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: P627671 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	17.0	17.2	17.2	17.0	15.1	13.3	11.6	10.0	9.1	8.1	7.1
85°	56.1	54.8	51.8	47.0	37.0	26.6	23.2	20.0	18.1	16.2	14.2
82.5°	117.2	118.4	118.3	114.8	101.3	87.1	72.2	56.8	42.0	26.7	21.3
80°	211.7	209.4	204.4	194.7	172.5	147.5	128.6	109.1	89.9	70.0	49.2
77.5°	320.0	310.9	299.7	287.0	263.5	235.8	204.0	168.0	137.6	113.0	87.4
75°	441.1	426.5	410.8	389.7	359.5	324.9	289.9	248.0	201.3	157.4	125.4
72.5°	593.0	557.7	526.2	496.6	463.8	425.2	380.6	326.5	269.9	216.4	166.2
70°	746.8	693.9	646.8	606.4	566.9	526.5	477.5	410.8	337.2	274.2	215.1
67.5°	903.0	840.5	777.3	716.9	667.1	619.5	572.3	494.7	410.3	330.7	262.9
65°	1075.4	992.0	911.8	837.1	769.5	709.9	654.5	573.3	481.2	391.8	309.4
62.5°	1253.0	1146.6	1051.6	956.4	872.1	799.7	733.1	643.5	549.0	450.8	357.9
60°	1439.6	1318.5	1192.3	1081.1	977.8	886.2	805.6	712.7	612.5	507.6	406.1
57.5°	1636.1	1493.7	1352.0	1211.4	1087.4	977.5	876.0	778.3	674.8	563.6	451.1
55°	1835.3	1681.9	1514.2	1355.8	1203.6	1072.9	950.6	841.4	735.0	618.6	489.8
52.5°	2034.7	1866.2	1686.2	1503.2	1332.9	1169.2	1032.6	902.7	790.5	672.4	530.2
50°	2243.3	2050.1	1857.2	1659.5	1461.5	1282.1	1111.8	973.1	844.3	723.5	568.5
47.5°	2460.4	2245.1	2030.5	1814.4	1602.0	1390.2	1204.3	1042.0	896.3	769.8	604.1
45°	2698.3	2446.5	2209.0	1975.3	1735.1	1506.9	1298.0	1108.0	955.3	805.8	636.9
42.5°	2936.0	2659.2	2393.8	2133.9	1874.5	1622.9	1386.7	1185.7	1011.6	840.3	667.1
40°	3189.0	2872.6	2578.3	2296.3	2010.6	1733.2	1485.0	1261.3	1064.4	876.1	695.7
37.5°	3434.9	3091.3	2767.9	2451.5	2143.9	1852.3	1579.5	1332.3	1114.5	916.3	722.9
35°	3695.2	3311.1	2943.3	2607.6	2281.2	1965.3	1668.0	1403.8	1172.2	955.5	748.4
32.5°	3946.7	3526.0	3131.5	2761.7	2412.3	2071.8	1759.0	1479.5	1227.7	993.5	772.3
30°	4193.8	3741.7	3311.9	2907.3	2539.3	2183.5	1850.3	1550.3	1280.7	1030.2	796.2
27.5°	4421.5	3941.4	3484.7	3057.9	2664.0	2289.5	1936.5	1616.0	1331.0	1067.9	824.0
25°	4633.8	4133.6	3655.2	3202.8	2779.8	2389.9	2015.9	1676.8	1382.2	1107.3	849.8
22.5°	4832.9	4312.1	3809.6	3336.2	2887.1	2482.1	2093.3	1741.4	1430.7	1143.5	873.4
20°	5014.0	4472.8	3948.0	3457.2	2991.4	2569.9	2167.8	1799.4	1474.0	1176.4	894.7
17.5°	5177.0	4619.6	4080.0	3570.2	3088.6	2647.9	2234.0	1850.6	1512.0	1205.7	913.4
15°	5328.3	4753.2	4196.7	3668.9	3172.8	2715.8	2291.5	1894.7	1544.6	1231.2	931.3
12.5°	5458.4	4867.7	4295.7	3752.8	3243.6	2773.3	2340.2	1931.6	1571.7	1254.3	948.0
10°	5565.5	4962.3	4376.5	3821.4	3300.9	2820.2	2379.8	1962.7	1597.1	1274.2	961.0
7.5°	5648.9	5036.4	4438.8	3874.2	3346.4	2859.3	2413.5	1989.6	1617.5	1289.5	970.0
5°	5712.1	5094.3	4493.0	3918.5	3388.2	2890.9	2438.0	2008.9	1632.4	1300.0	975.1
2.5°	5768.2	5137.7	4535.6	3947.3	3416.6	2911.5	2452.8	2020.4	1641.4	1305.6	976.3
0°	5799.9	5158.7	4559.2	3959.6	3431.2	2920.7	2457.7	2024.3	1644.4	1306.0	973.6
-2.5°	5768.2	5137.7	4535.6	3947.3	3416.6	2911.5	2452.8	2020.4	1641.4	1305.6	976.3
-5°	5712.1	5094.3	4493.0	3918.5	3388.2	2890.9	2438.0	2008.9	1632.4	1300.0	975.1
-7.5°	5648.9	5036.4	4438.8	3874.2	3346.4	2859.3	2413.5	1989.6	1617.5	1289.5	970.0
-10°	5565.5	4962.3	4376.5	3821.4	3300.9	2820.2	2379.8	1962.7	1597.1	1274.2	961.0
-12.5°	5458.4	4867.7	4295.7	3752.8	3243.6	2773.3	2340.2	1931.6	1571.7	1254.3	948.0
-15°	5328.3	4753.2	4196.7	3668.9	3172.8	2715.8	2291.5	1894.7	1544.6	1231.2	931.3
-17.5°	5177.0	4619.6	4080.0	3570.2	3088.6	2647.9	2234.0	1850.6	1512.0	1205.7	913.4
-20°	5014.0	4472.8	3948.0	3457.2	2991.4	2569.9	2167.8	1799.4	1474.0	1176.4	894.7



REPORT NUMBER: P627671 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	4832.9	4312.1	3809.6	3336.2	2887.1	2482.1	2093.3	1741.4	1430.7	1143.5	873.4
-25°	4633.8	4133.6	3655.2	3202.8	2779.8	2389.9	2015.9	1676.8	1382.2	1107.3	849.8
-27.5°	4421.5	3941.4	3484.7	3057.9	2664.0	2289.5	1936.5	1616.0	1331.0	1067.9	824.0
-30°	4193.8	3741.7	3311.9	2907.3	2539.3	2183.5	1850.3	1550.3	1280.7	1030.2	796.2
-32.5°	3946.7	3526.0	3131.5	2761.7	2412.3	2071.8	1759.0	1479.5	1227.7	993.5	772.3
-35°	3695.2	3311.1	2943.3	2607.6	2281.2	1965.3	1668.0	1403.8	1172.2	955.5	748.4
-37.5°	3434.9	3091.3	2767.9	2451.5	2143.9	1852.3	1579.5	1332.3	1114.5	916.3	722.9
-40°	3189.0	2872.6	2578.3	2296.3	2010.6	1733.2	1485.0	1261.3	1064.4	876.1	695.7
-42.5°	2936.0	2659.2	2393.8	2133.9	1874.5	1622.9	1386.7	1185.7	1011.6	840.3	667.1
-45°	2698.3	2446.5	2209.0	1975.3	1735.1	1506.9	1298.0	1108.0	955.3	805.8	636.9
-47.5°	2460.4	2245.1	2030.5	1814.4	1602.0	1390.2	1204.3	1042.0	896.3	769.8	604.1
-50°	2243.3	2050.1	1857.2	1659.5	1461.5	1282.1	1111.8	973.1	844.3	723.5	568.5
-52.5°	2034.7	1866.2	1686.2	1503.2	1332.9	1169.2	1032.6	902.7	790.5	672.4	530.2
-55°	1835.3	1681.9	1514.2	1355.8	1203.6	1072.9	950.6	841.4	735.0	618.6	489.8
-57.5°	1636.1	1493.7	1352.0	1211.4	1087.4	977.5	876.0	778.3	674.8	563.6	451.1
-60°	1439.6	1318.5	1192.3	1081.1	977.8	886.2	805.6	712.7	612.5	507.6	406.1
-62.5°	1253.0	1146.6	1051.6	956.4	872.1	799.7	733.1	643.5	549.0	450.8	357.9
-65°	1075.4	992.0	911.8	837.1	769.5	709.9	654.5	573.3	481.2	391.8	309.4
-67.5°	903.0	840.5	777.3	716.9	667.1	619.5	572.3	494.7	410.3	330.7	262.9
-70°	746.8	693.9	646.8	606.4	566.9	526.5	477.5	410.8	337.2	274.2	215.1
-72.5°	593.0	557.7	526.2	496.6	463.8	425.2	380.6	326.5	269.9	216.4	166.2
-75°	441.1	426.5	410.8	389.7	359.5	324.9	289.9	248.0	201.3	157.4	125.4
-77.5°	320.0	310.9	299.7	287.0	263.5	235.8	204.0	168.0	137.6	113.0	87.4
-80°	211.7	209.4	204.4	194.7	172.5	147.5	128.6	109.1	89.9	70.0	49.2
-82.5°	117.2	118.4	118.3	114.8	101.3	87.1	72.2	56.8	42.0	26.7	21.3
-85°	56.1	54.8	51.8	47.0	37.0	26.6	23.2	20.0	18.1	16.2	14.2
-87.5°	17.0	17.2	17.2	17.0	15.1	13.3	11.6	10.0	9.1	8.1	7.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627671 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.1	5.1	4.1	3.1	2.1	0.9	0.0
85°	12.3	10.2	8.2	6.2	4.1	1.8	0.0
82.5°	18.4	15.3	12.3	9.3	6.2	2.7	0.0
80°	27.6	20.4	16.4	12.3	8.2	3.6	0.0
77.5°	60.2	32.0	20.4	15.3	10.2	4.5	0.0
75°	92.0	55.4	26.6	18.4	12.2	5.3	0.0
72.5°	122.9	78.2	42.4	21.3	14.1	6.2	0.0
70°	153.7	100.1	57.8	25.5	16.0	7.0	0.0
67.5°	190.7	121.2	72.5	35.0	17.8	7.9	0.0
65°	226.1	144.7	86.5	44.1	19.5	8.7	0.0
62.5°	259.7	170.5	99.8	52.8	21.3	9.4	0.0
60°	291.4	194.9	112.4	61.0	22.9	10.2	0.0
57.5°	324.7	217.8	129.1	68.8	27.5	10.9	0.0
55°	356.3	239.1	145.0	76.0	32.0	11.6	0.0
52.5°	385.5	259.4	159.8	82.6	36.4	12.3	0.0
50°	412.2	280.8	173.4	88.7	40.5	12.9	0.0
47.5°	437.3	300.4	185.8	95.0	44.5	13.5	0.0
45°	465.3	318.1	197.0	103.3	48.3	14.1	0.0
42.5°	490.8	333.9	206.9	110.8	51.8	14.6	0.0
40°	514.0	347.6	216.8	118.4	55.2	15.1	0.0
37.5°	534.8	359.3	226.7	126.0	58.3	15.5	0.0
35°	553.1	372.9	235.1	133.0	61.2	16.0	0.0
32.5°	570.1	386.4	242.2	139.5	63.9	16.3	0.0
30°	587.8	398.0	247.9	145.4	66.4	16.7	0.0
27.5°	603.6	407.6	256.4	150.8	68.6	17.0	0.0
25°	617.5	415.2	264.3	155.6	70.6	17.3	0.0
22.5°	629.5	422.9	271.3	159.9	72.3	17.5	0.0
20°	639.4	433.4	277.4	163.5	73.8	17.7	0.0
17.5°	651.7	442.0	282.4	166.6	75.1	17.8	0.0
15°	664.5	448.7	286.5	169.1	76.1	17.9	0.0
12.5°	674.9	453.5	289.6	171.1	76.9	18.0	0.0
10°	682.9	456.5	291.8	172.4	77.4	18.0	0.0
7.5°	688.3	457.7	293.0	173.2	77.7	18.0	0.0
5°	691.1	457.2	293.2	173.4	77.8	18.0	0.0
2.5°	691.2	455.0	292.5	173.1	77.6	17.9	0.0
0°	688.6	451.2	290.9	172.2	77.2	17.8	0.0
-2.5°	691.2	455.0	292.5	173.1	77.6	17.9	0.0
-5°	691.1	457.2	293.2	173.4	77.8	18.0	0.0
-7.5°	688.3	457.7	293.0	173.2	77.7	18.0	0.0
-10°	682.9	456.5	291.8	172.4	77.4	18.0	0.0
-12.5°	674.9	453.5	289.6	171.1	76.9	18.0	0.0
-15°	664.5	448.7	286.5	169.1	76.1	17.9	0.0
-17.5°	651.7	442.0	282.4	166.6	75.1	17.8	0.0
-20°	639.4	433.4	277.4	163.5	73.8	17.7	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627671 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	629.5	422.9	271.3	159.9	72.3	17.5	0.0
-25°	617.5	415.2	264.3	155.6	70.6	17.3	0.0
-27.5°	603.6	407.6	256.4	150.8	68.6	17.0	0.0
-30°	587.8	398.0	247.9	145.4	66.4	16.7	0.0
-32.5°	570.1	386.4	242.2	139.5	63.9	16.3	0.0
-35°	553.1	372.9	235.1	133.0	61.2	16.0	0.0
-37.5°	534.8	359.3	226.7	126.0	58.3	15.5	0.0
-40°	514.0	347.6	216.8	118.4	55.2	15.1	0.0
-42.5°	490.8	333.9	206.9	110.8	51.8	14.6	0.0
-45°	465.3	318.1	197.0	103.3	48.3	14.1	0.0
-47.5°	437.3	300.4	185.8	95.0	44.5	13.5	0.0
-50°	412.2	280.8	173.4	88.7	40.5	12.9	0.0
-52.5°	385.5	259.4	159.8	82.6	36.4	12.3	0.0
-55°	356.3	239.1	145.0	76.0	32.0	11.6	0.0
-57.5°	324.7	217.8	129.1	68.8	27.5	10.9	0.0
-60°	291.4	194.9	112.4	61.0	22.9	10.2	0.0
-62.5°	259.7	170.5	99.8	52.8	21.3	9.4	0.0
-65°	226.1	144.7	86.5	44.1	19.5	8.7	0.0
-67.5°	190.7	121.2	72.5	35.0	17.8	7.9	0.0
-70°	153.7	100.1	57.8	25.5	16.0	7.0	0.0
-72.5°	122.9	78.2	42.4	21.3	14.1	6.2	0.0
-75°	92.0	55.4	26.6	18.4	12.2	5.3	0.0
-77.5°	60.2	32.0	20.4	15.3	10.2	4.5	0.0
-80°	27.6	20.4	16.4	12.3	8.2	3.6	0.0
-82.5°	18.4	15.3	12.3	9.3	6.2	2.7	0.0
-85°	12.3	10.2	8.2	6.2	4.1	1.8	0.0
-87.5°	6.1	5.1	4.1	3.1	2.1	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)