

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



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P645532 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA5D-740-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645532 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-21)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/4/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5D-740-U-LAM-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, LAMBERTIAN
Light Source: (80) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

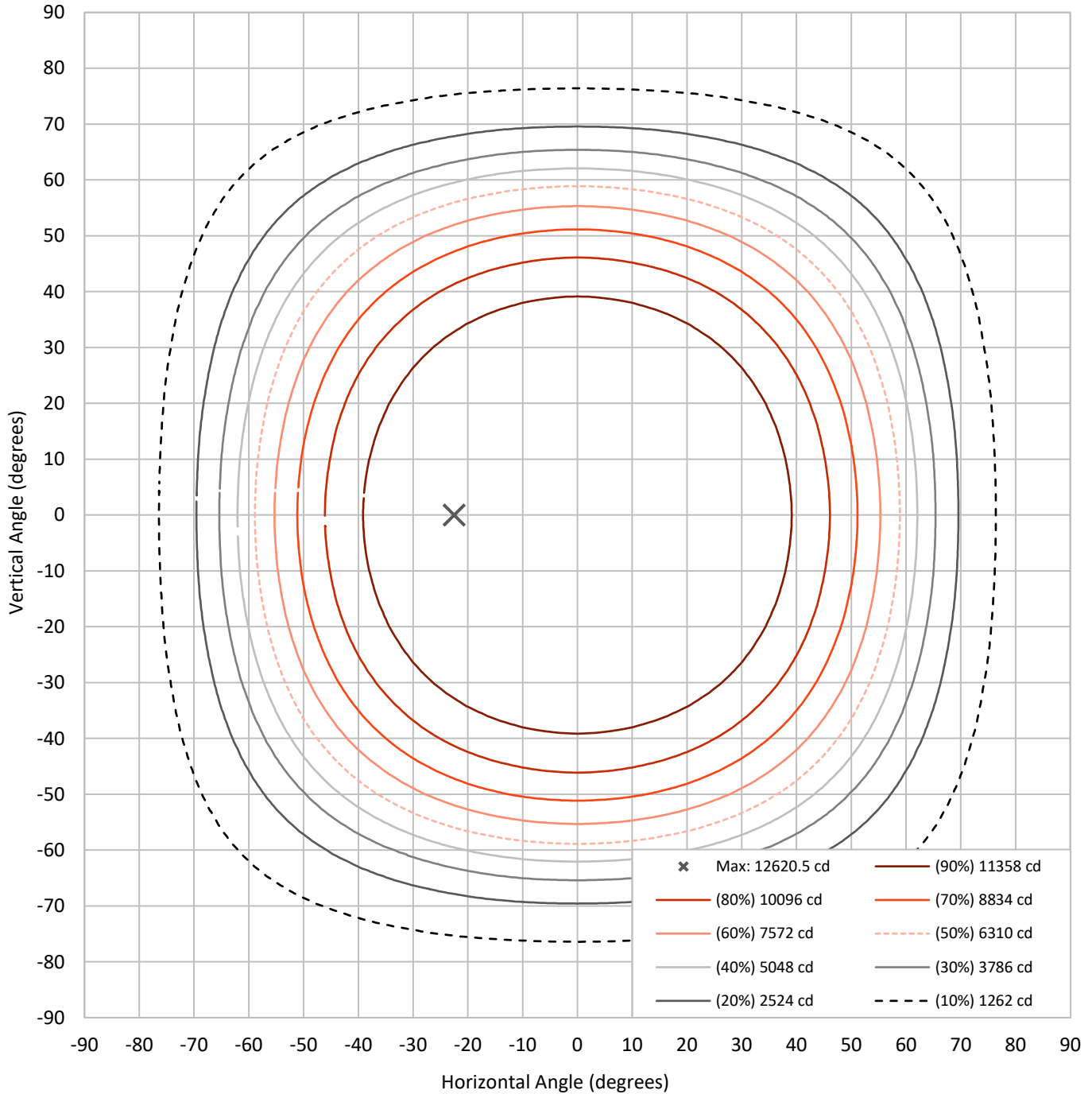
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	38606.8 lumens	Max Intensity:	12620.5 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	142.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	117.8°H x 112°V	Field Angle (10%):	152.8°H x 150.5°V
Beam Lumens:	32129.3 lumens	Field Lumens:	37847.5 lumens
Beam Efficiency:	83.2%	Field Efficiency:	98.0%
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: P645532 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-740-U-LAM-XX

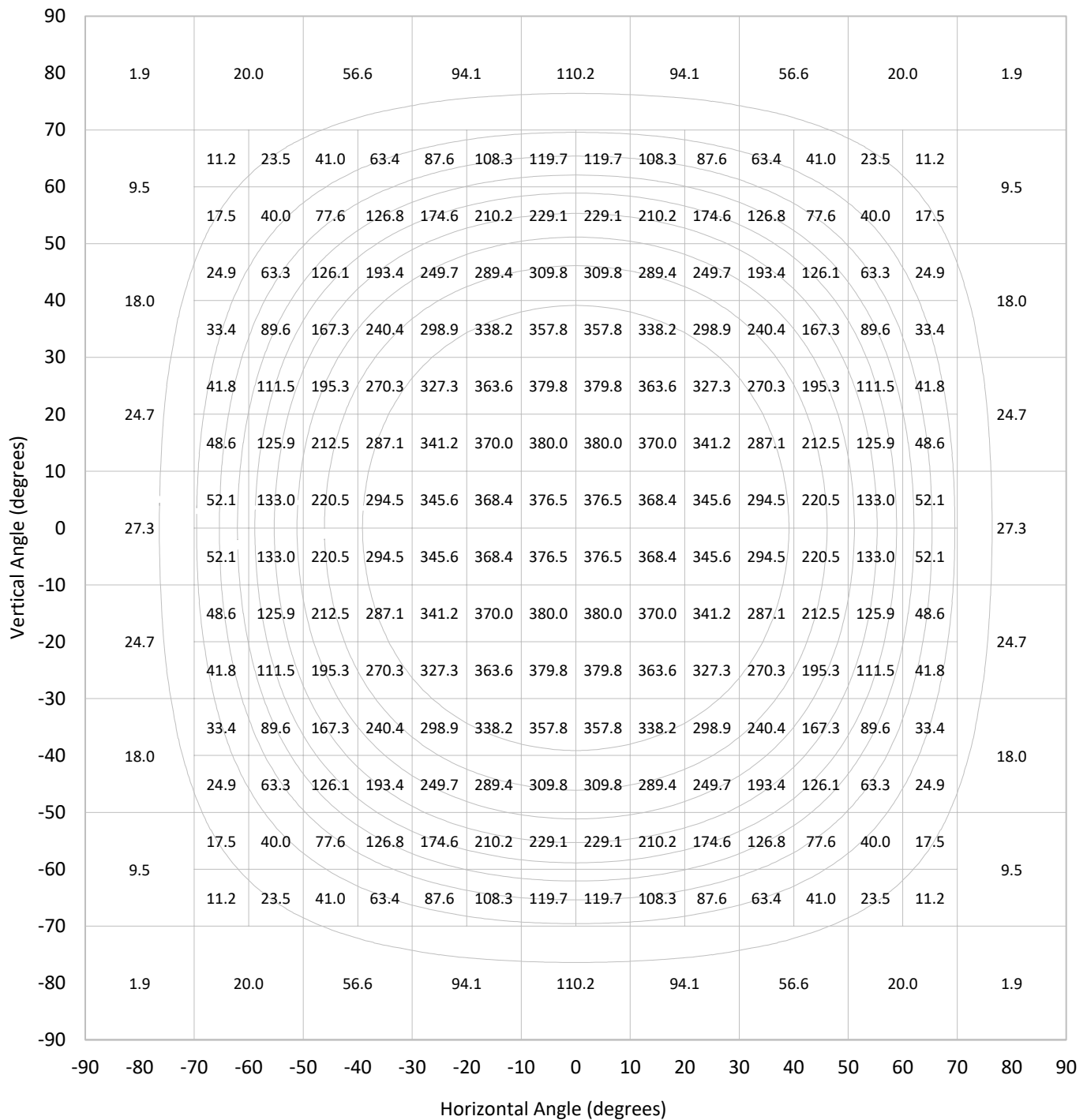
Iso-Candela Plot





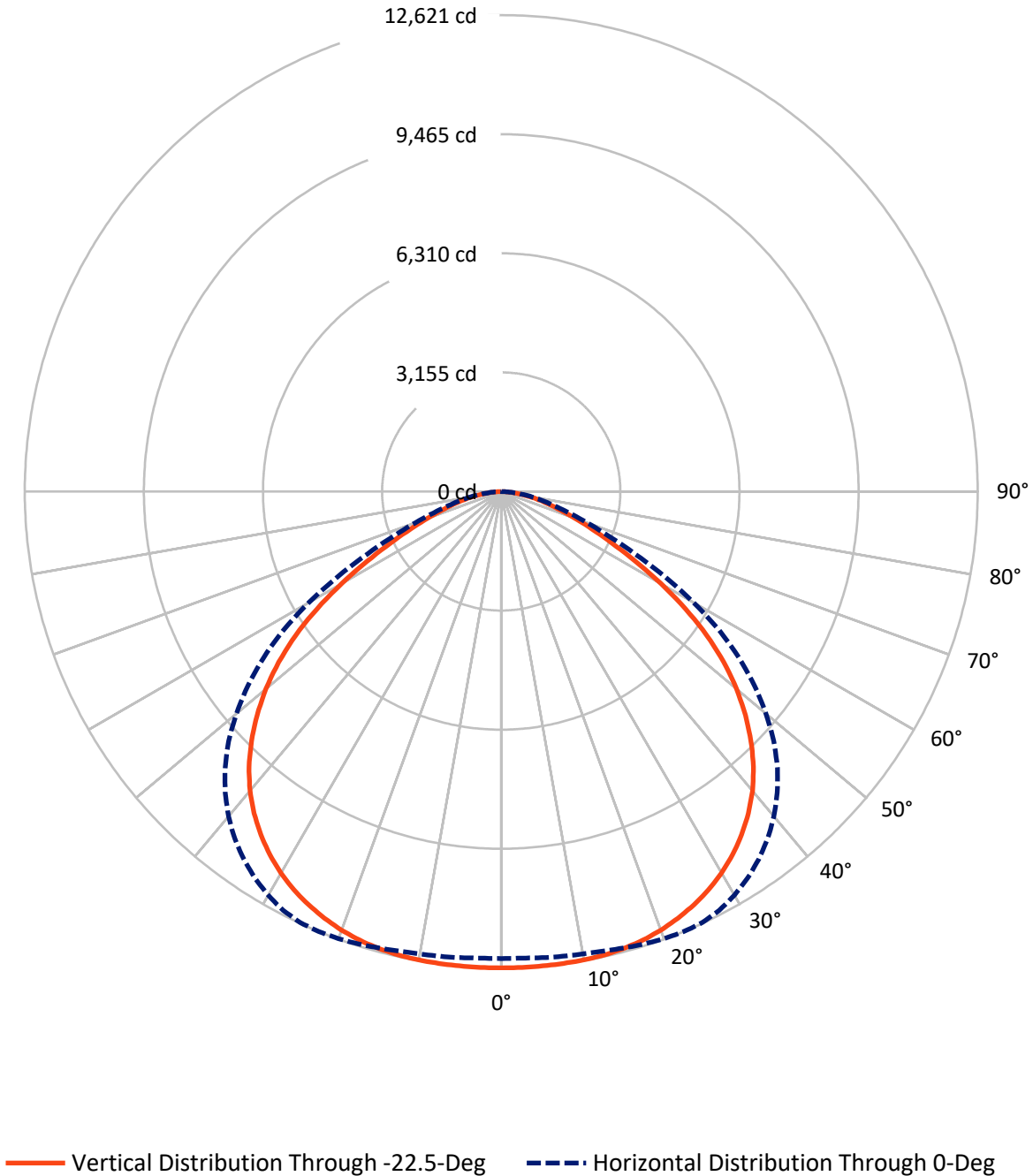
REPORT NUMBER: P645532 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-740-U-LAM-XX

Lumen Table



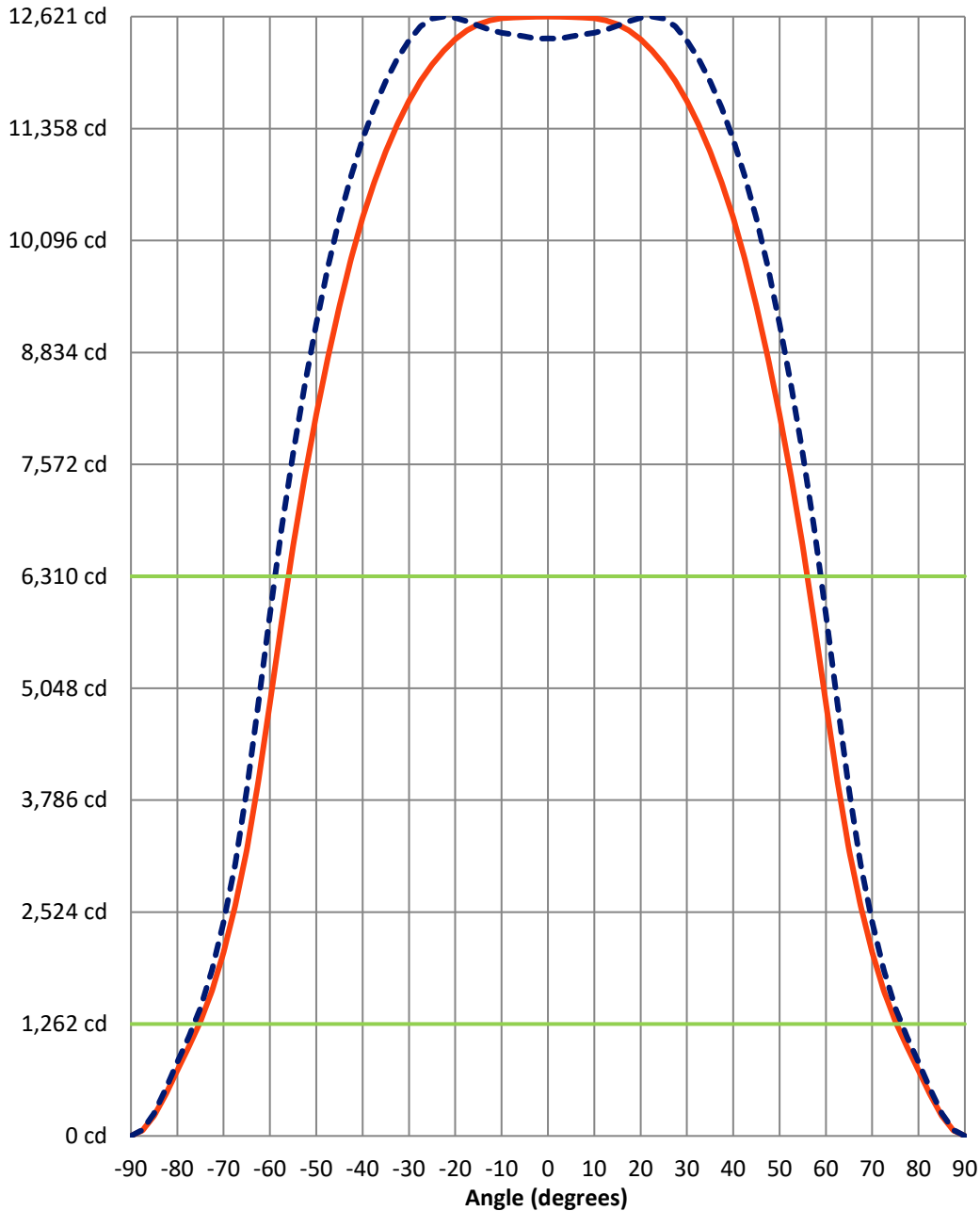
REPORT NUMBER: P645532 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-740-U-LAM-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P645532 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-740-U-LAM-XX

Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 32129.3
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 37847.5
 Efficiency: 98.0%

Spill:
 Lumens: 759.2
 Efficiency: 2.0%

— Vertical Distribution through -22.5-Deg
 - - Horizontal Distribution through 0-Deg

Classified

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

Scaled Data Report



REPORT NUMBER: P645532 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-740-U-LAM-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	3.0	6.0	9.0	12.0	14.9	17.9	20.7	23.6	26.4	29.2
85°	0.0	6.0	12.0	18.0	23.9	29.8	35.7	41.4	47.1	52.8	58.3
82.5°	0.0	9.0	18.0	26.9	35.8	44.7	53.4	62.1	73.4	96.3	118.7
80°	0.0	12.0	23.9	35.8	47.7	59.4	74.7	106.0	137.0	167.4	197.3
77.5°	0.0	14.9	29.8	44.7	59.4	82.9	122.4	161.5	200.1	238.1	283.9
75°	0.0	17.9	35.7	53.4	74.7	122.4	169.7	216.5	265.4	331.6	396.7
72.5°	0.0	20.7	41.4	62.1	106.0	161.5	216.5	277.4	355.6	432.6	508.4
70°	0.0	23.6	47.1	73.4	137.0	200.1	265.4	355.6	444.6	532.7	627.8
67.5°	0.0	26.4	52.8	96.3	167.4	238.1	331.6	432.6	532.7	641.1	747.8
65°	0.0	29.2	58.3	118.7	197.3	283.9	396.7	508.4	627.8	747.8	864.4
62.5°	0.0	31.9	63.7	140.8	226.7	337.3	460.6	588.2	721.2	851.6	975.2
60°	0.0	34.5	68.9	162.3	255.4	389.4	523.1	668.3	812.7	949.7	1083.8
57.5°	0.0	37.1	82.8	183.3	295.5	440.3	589.6	746.7	898.9	1045.5	1199.8
55°	0.0	39.6	96.5	203.7	335.1	489.9	655.1	823.0	982.1	1141.8	1317.7
52.5°	0.0	42.0	109.7	223.6	373.6	538.8	718.7	894.1	1063.0	1245.1	1432.4
50°	0.0	44.3	122.5	242.7	410.8	590.1	780.2	962.7	1144.5	1345.2	1574.9
47.5°	0.0	46.6	134.8	263.3	446.8	639.5	839.3	1029.0	1230.5	1442.1	1716.5
45°	0.0	48.8	146.6	289.1	481.3	687.1	893.8	1092.7	1313.3	1564.1	1853.2
42.5°	0.0	50.9	158.0	313.9	514.4	732.7	946.2	1158.7	1392.9	1682.0	2014.2
40°	0.0	52.9	168.8	337.6	547.6	776.3	996.1	1225.0	1476.7	1794.8	2173.2
37.5°	0.0	54.7	179.0	360.0	580.6	817.6	1043.6	1288.1	1571.7	1910.1	2324.8
35°	0.0	56.5	188.7	381.2	611.8	855.6	1088.6	1347.8	1661.8	2038.8	2479.6
32.5°	0.0	58.2	197.9	401.2	641.1	890.7	1132.5	1404.1	1746.6	2160.2	2642.4
30°	0.0	59.8	206.4	419.8	668.6	923.5	1177.4	1460.6	1826.1	2273.9	2795.0
27.5°	0.0	61.2	214.3	437.1	694.0	954.0	1219.0	1524.7	1907.1	2379.6	2937.0
25°	0.0	62.5	221.5	453.0	717.4	982.0	1257.4	1583.9	1993.1	2489.8	3069.7
22.5°	0.0	63.7	228.1	467.4	738.7	1007.5	1292.4	1637.8	2071.6	2596.6	3224.6
20°	0.0	64.8	234.1	480.5	757.9	1030.5	1323.9	1686.4	2142.4	2692.9	3364.5
17.5°	0.0	65.8	239.4	492.0	774.9	1050.9	1351.8	1729.5	2205.3	2778.6	3488.9
15°	0.0	66.6	244.0	502.1	789.8	1068.7	1376.2	1767.2	2260.1	2853.3	3597.5
12.5°	0.0	67.4	247.9	510.7	802.4	1083.8	1396.9	1799.2	2306.8	2916.9	3690.0
10°	0.0	68.0	251.1	517.7	812.7	1096.2	1413.9	1825.4	2345.1	2969.1	3766.0
7.5°	0.0	68.4	253.6	523.1	820.8	1105.9	1427.2	1845.9	2375.0	3009.9	3825.4
5°	0.0	68.7	255.4	527.1	826.6	1112.8	1436.7	1860.6	2396.4	3039.2	3868.0
2.5°	0.0	68.9	256.4	529.4	830.0	1117.0	1442.4	1869.5	2409.3	3056.7	3893.6
0°	0.0	69.0	256.8	530.2	831.2	1118.4	1444.3	1872.4	2413.6	3062.6	3902.1
-2.5°	0.0	68.9	256.4	529.4	830.0	1117.0	1442.4	1869.5	2409.3	3056.7	3893.6
-5°	0.0	68.7	255.4	527.1	826.6	1112.8	1436.7	1860.6	2396.4	3039.2	3868.0
-7.5°	0.0	68.4	253.6	523.1	820.8	1105.9	1427.2	1845.9	2375.0	3009.9	3825.4
-10°	0.0	68.0	251.1	517.7	812.7	1096.2	1413.9	1825.4	2345.1	2969.1	3766.0
-12.5°	0.0	67.4	247.9	510.7	802.4	1083.8	1396.9	1799.2	2306.8	2916.9	3690.0
-15°	0.0	66.6	244.0	502.1	789.8	1068.7	1376.2	1767.2	2260.1	2853.3	3597.5
-17.5°	0.0	65.8	239.4	492.0	774.9	1050.9	1351.8	1729.5	2205.3	2778.6	3488.9
-20°	0.0	64.8	234.1	480.5	757.9	1030.5	1323.9	1686.4	2142.4	2692.9	3364.5

Classified

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

Scaled Data Report



REPORT NUMBER: P645532 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-740-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	63.7	228.1	467.4	738.7	1007.5	1292.4	1637.8	2071.6	2596.6	3224.6
-25°	0.0	62.5	221.5	453.0	717.4	982.0	1257.4	1583.9	1993.1	2489.8	3069.7
-27.5°	0.0	61.2	214.3	437.1	694.0	954.0	1219.0	1524.7	1907.1	2379.6	2937.0
-30°	0.0	59.8	206.4	419.8	668.6	923.5	1177.4	1460.6	1826.1	2273.9	2795.0
-32.5°	0.0	58.2	197.9	401.2	641.1	890.7	1132.5	1404.1	1746.6	2160.2	2642.4
-35°	0.0	56.5	188.7	381.2	611.8	855.6	1088.6	1347.8	1661.8	2038.8	2479.6
-37.5°	0.0	54.7	179.0	360.0	580.6	817.6	1043.6	1288.1	1571.7	1910.1	2324.8
-40°	0.0	52.9	168.8	337.6	547.6	776.3	996.1	1225.0	1476.7	1794.8	2173.2
-42.5°	0.0	50.9	158.0	313.9	514.4	732.7	946.2	1158.7	1392.9	1682.0	2014.2
-45°	0.0	48.8	146.6	289.1	481.3	687.1	893.8	1092.7	1313.3	1564.1	1853.2
-47.5°	0.0	46.6	134.8	263.3	446.8	639.5	839.3	1029.0	1230.5	1442.1	1716.5
-50°	0.0	44.3	122.5	242.7	410.8	590.1	780.2	962.7	1144.5	1345.2	1574.9
-52.5°	0.0	42.0	109.7	223.6	373.6	538.8	718.7	894.1	1063.0	1245.1	1432.4
-55°	0.0	39.6	96.5	203.7	335.1	489.9	655.1	823.0	982.1	1141.8	1317.7
-57.5°	0.0	37.1	82.8	183.3	295.5	440.3	589.6	746.7	898.9	1045.5	1199.8
-60°	0.0	34.5	68.9	162.3	255.4	389.4	523.1	668.3	812.7	949.7	1083.8
-62.5°	0.0	31.9	63.7	140.8	226.7	337.3	460.6	588.2	721.2	851.6	975.2
-65°	0.0	29.2	58.3	118.7	197.3	283.9	396.7	508.4	627.8	747.8	864.4
-67.5°	0.0	26.4	52.8	96.3	167.4	238.1	331.6	432.6	532.7	641.1	747.8
-70°	0.0	23.6	47.1	73.4	137.0	200.1	265.4	355.6	444.6	532.7	627.8
-72.5°	0.0	20.7	41.4	62.1	106.0	161.5	216.5	277.4	355.6	432.6	508.4
-75°	0.0	17.9	35.7	53.4	74.7	122.4	169.7	216.5	265.4	331.6	396.7
-77.5°	0.0	14.9	29.8	44.7	59.4	82.9	122.4	161.5	200.1	238.1	283.9
-80°	0.0	12.0	23.9	35.8	47.7	59.4	74.7	106.0	137.0	167.4	197.3
-82.5°	0.0	9.0	18.0	26.9	35.8	44.7	53.4	62.1	73.4	96.3	118.7
-85°	0.0	6.0	12.0	18.0	23.9	29.8	35.7	41.4	47.1	52.8	58.3
-87.5°	0.0	3.0	6.0	9.0	12.0	14.9	17.9	20.7	23.6	26.4	29.2
-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: P645532 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-740-U-LAM-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°	31.9	34.5	37.1	39.6	42.0	44.3	46.6	48.8	50.9	52.9	54.7
85°	63.7	68.9	82.8	96.5	109.7	122.5	134.8	146.6	158.0	168.8	179.0
82.5°	140.8	162.3	183.3	203.7	223.6	242.7	263.3	289.1	313.9	337.6	360.0
80°	226.7	255.4	295.5	335.1	373.6	410.8	446.8	481.3	514.4	547.6	580.6
77.5°	337.3	389.4	440.3	489.9	538.8	590.1	639.5	687.1	732.7	776.3	817.6
75°	460.6	523.1	589.6	655.1	718.7	780.2	839.3	893.8	946.2	996.1	1043.6
72.5°	588.2	668.3	746.7	823.0	894.1	962.7	1029.0	1092.7	1158.7	1225.0	1288.1
70°	721.2	812.7	898.9	982.1	1063.0	1144.5	1230.5	1313.3	1392.9	1476.7	1571.7
67.5°	851.6	949.7	1045.5	1141.8	1245.1	1345.2	1442.1	1564.1	1682.0	1794.8	1910.1
65°	975.2	1083.8	1199.8	1317.7	1432.4	1574.9	1716.5	1853.2	2014.2	2173.2	2324.8
62.5°	1096.6	1229.0	1361.5	1505.6	1671.3	1832.3	2018.9	2209.4	2392.7	2599.2	2800.3
60°	1229.0	1376.2	1544.3	1729.5	1920.2	2142.4	2357.9	2596.6	2837.2	3069.7	3354.9
57.5°	1361.5	1544.3	1749.0	1969.8	2217.1	2466.7	2747.0	3018.3	3343.7	3668.8	3992.2
55°	1505.6	1729.5	1969.8	2242.0	2526.9	2838.0	3163.1	3541.9	3908.7	4317.3	4708.6
52.5°	1671.3	1920.2	2217.1	2526.9	2868.4	3242.5	3662.0	4095.8	4552.7	4996.4	5431.5
50°	1832.3	2142.4	2466.7	2838.0	3242.5	3702.1	4190.0	4695.3	5194.1	5680.6	6136.3
47.5°	2018.9	2357.9	2747.0	3163.1	3662.0	4190.0	4743.0	5293.6	5831.6	6330.7	6808.8
45°	2209.4	2596.6	3018.3	3541.9	4095.8	4695.3	5293.6	5882.2	6428.7	6944.5	7395.7
42.5°	2392.7	2837.2	3343.7	3908.7	4552.7	5194.1	5831.6	6428.7	6988.7	7485.4	7938.7
40°	2599.2	3069.7	3668.8	4317.3	4996.4	5680.6	6330.7	6944.5	7485.4	7980.0	8438.9
37.5°	2800.3	3354.9	3992.2	4708.6	5431.5	6136.3	6808.8	7395.7	7938.7	8438.9	8879.2
35°	2991.2	3626.1	4335.8	5087.8	5846.8	6563.4	7217.9	7815.5	8354.9	8840.4	9290.5
32.5°	3203.4	3882.5	4661.0	5452.2	6225.2	6954.9	7603.8	8188.3	8724.5	9217.6	9664.6
30°	3422.3	4159.0	4969.7	5795.4	6580.5	7294.3	7942.1	8533.9	9066.0	9552.9	9991.0
27.5°	3626.1	4419.9	5264.2	6105.9	6905.2	7612.6	8251.6	8834.4	9369.5	9859.7	10284.3
25°	3814.5	4661.0	5536.8	6390.1	7178.5	7887.6	8532.3	9114.7	9646.7	10117.2	10529.9
22.5°	4000.4	4882.0	5786.6	6650.9	7429.6	8133.3	8772.3	9356.1	9888.5	10354.5	10750.6
20°	4181.1	5087.8	6006.9	6882.2	7657.5	8356.6	8990.7	9573.5	10091.6	10542.8	10937.1
17.5°	4342.0	5271.2	6199.7	7068.9	7844.8	8547.3	9184.0	9768.6	10274.3	10712.7	11098.2
15°	4482.5	5431.5	6368.3	7232.5	8006.0	8705.7	9342.4	9920.6	10422.9	10857.7	11240.4
12.5°	4602.2	5568.1	6512.2	7372.1	8143.7	8841.3	9478.1	10048.3	10542.1	10971.3	11345.8
10°	4700.7	5680.6	6630.7	7487.2	8257.3	8953.2	9590.4	10154.0	10641.0	11065.7	11433.5
7.5°	4777.6	5768.6	6723.4	7577.3	8346.3	9041.0	9678.4	10237.1	10718.8	11140.0	11502.8
5°	4832.8	5831.6	6789.8	7641.9	8410.2	9104.0	9741.7	10296.8	10774.8	11193.7	11552.8
2.5°	4865.9	5869.5	6829.8	7680.8	8448.7	9142.0	9779.9	10332.9	10808.6	11226.1	11583.1
0°	4877.0	5882.2	6843.2	7693.8	8461.5	9154.7	9792.6	10344.9	10819.9	11236.9	11593.2
-2.5°	4865.9	5869.5	6829.8	7680.8	8448.7	9142.0	9779.9	10332.9	10808.6	11226.1	11583.1
-5°	4832.8	5831.6	6789.8	7641.9	8410.2	9104.0	9741.7	10296.8	10774.8	11193.7	11552.8
-7.5°	4777.6	5768.6	6723.4	7577.3	8346.3	9041.0	9678.4	10237.1	10718.8	11140.0	11502.8
-10°	4700.7	5680.6	6630.7	7487.2	8257.3	8953.2	9590.4	10154.0	10641.0	11065.7	11433.5
-12.5°	4602.2	5568.1	6512.2	7372.1	8143.7	8841.3	9478.1	10048.3	10542.1	10971.3	11345.8
-15°	4482.5	5431.5	6368.3	7232.5	8006.0	8705.7	9342.4	9920.6	10422.9	10857.7	11240.4
-17.5°	4342.0	5271.2	6199.7	7068.9	7844.8	8547.3	9184.0	9768.6	10274.3	10712.7	11098.2
-20°	4181.1	5087.8	6006.9	6882.2	7657.5	8356.6	8990.7	9573.5	10091.6	10542.8	10937.1

Classified

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

Scaled Data Report



REPORT NUMBER: P645532 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-740-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	4000.4	4882.0	5786.6	6650.9	7429.6	8133.3	8772.3	9356.1	9888.5	10354.5	10750.6
-25°	3814.5	4661.0	5536.8	6390.1	7178.5	7887.6	8532.3	9114.7	9646.7	10117.2	10529.9
-27.5°	3626.1	4419.9	5264.2	6105.9	6905.2	7612.6	8251.6	8834.4	9369.5	9859.7	10284.3
-30°	3422.3	4159.0	4969.7	5795.4	6580.5	7294.3	7942.1	8533.9	9066.0	9552.9	9991.0
-32.5°	3203.4	3882.5	4661.0	5452.2	6225.2	6954.9	7603.8	8188.3	8724.5	9217.6	9664.6
-35°	2991.2	3626.1	4335.8	5087.8	5846.8	6563.4	7217.9	7815.5	8354.9	8840.4	9290.5
-37.5°	2800.3	3354.9	3992.2	4708.6	5431.5	6136.3	6808.8	7395.7	7938.7	8438.9	8879.2
-40°	2599.2	3069.7	3668.8	4317.3	4996.4	5680.6	6330.7	6944.5	7485.4	7980.0	8438.9
-42.5°	2392.7	2837.2	3343.7	3908.7	4552.7	5194.1	5831.6	6428.7	6988.7	7485.4	7938.7
-45°	2209.4	2596.6	3018.3	3541.9	4095.8	4695.3	5293.6	5882.2	6428.7	6944.5	7395.7
-47.5°	2018.9	2357.9	2747.0	3163.1	3662.0	4190.0	4743.0	5293.6	5831.6	6330.7	6808.8
-50°	1832.3	2142.4	2466.7	2838.0	3242.5	3702.1	4190.0	4695.3	5194.1	5680.6	6136.3
-52.5°	1671.3	1920.2	2217.1	2526.9	2868.4	3242.5	3662.0	4095.8	4552.7	4996.4	5431.5
-55°	1505.6	1729.5	1969.8	2242.0	2526.9	2838.0	3163.1	3541.9	3908.7	4317.3	4708.6
-57.5°	1361.5	1544.3	1749.0	1969.8	2217.1	2466.7	2747.0	3018.3	3343.7	3668.8	3992.2
-60°	1229.0	1376.2	1544.3	1729.5	1920.2	2142.4	2357.9	2596.6	2837.2	3069.7	3354.9
-62.5°	1096.6	1229.0	1361.5	1505.6	1671.3	1832.3	2018.9	2209.4	2392.7	2599.2	2800.3
-65°	975.2	1083.8	1199.8	1317.7	1432.4	1574.9	1716.5	1853.2	2014.2	2173.2	2324.8
-67.5°	851.6	949.7	1045.5	1141.8	1245.1	1345.2	1442.1	1564.1	1682.0	1794.8	1910.1
-70°	721.2	812.7	898.9	982.1	1063.0	1144.5	1230.5	1313.3	1392.9	1476.7	1571.7
-72.5°	588.2	668.3	746.7	823.0	894.1	962.7	1029.0	1092.7	1158.7	1225.0	1288.1
-75°	460.6	523.1	589.6	655.1	718.7	780.2	839.3	893.8	946.2	996.1	1043.6
-77.5°	337.3	389.4	440.3	489.9	538.8	590.1	639.5	687.1	732.7	776.3	817.6
-80°	226.7	255.4	295.5	335.1	373.6	410.8	446.8	481.3	514.4	547.6	580.6
-82.5°	140.8	162.3	183.3	203.7	223.6	242.7	263.3	289.1	313.9	337.6	360.0
-85°	63.7	68.9	82.8	96.5	109.7	122.5	134.8	146.6	158.0	168.8	179.0
-87.5°	31.9	34.5	37.1	39.6	42.0	44.3	46.6	48.8	50.9	52.9	54.7
-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: P645532 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-740-U-LAM-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°	56.5	58.2	59.8	61.2	62.5	63.7	64.8	65.8	66.6	67.4	68.0
85°	188.7	197.9	206.4	214.3	221.5	228.1	234.1	239.4	244.0	247.9	251.1
82.5°	381.2	401.2	419.8	437.1	453.0	467.4	480.5	492.0	502.1	510.7	517.7
80°	611.8	641.1	668.6	694.0	717.4	738.7	757.9	774.9	789.8	802.4	812.7
77.5°	855.6	890.7	923.5	954.0	982.0	1007.5	1030.5	1050.9	1068.7	1083.8	1096.2
75°	1088.6	1132.5	1177.4	1219.0	1257.4	1292.4	1323.9	1351.8	1376.2	1396.9	1413.9
72.5°	1347.8	1404.1	1460.6	1524.7	1583.9	1637.8	1686.4	1729.5	1767.2	1799.2	1825.4
70°	1661.8	1746.6	1826.1	1907.1	1993.1	2071.6	2142.4	2205.3	2260.1	2306.8	2345.1
67.5°	2038.8	2160.2	2273.9	2379.6	2489.8	2596.6	2692.9	2778.6	2853.3	2916.9	2969.1
65°	2479.6	2642.4	2795.0	2937.0	3069.7	3224.6	3364.5	3488.9	3597.5	3690.0	3766.0
62.5°	2991.2	3203.4	3422.3	3626.1	3814.5	4000.4	4181.1	4342.0	4482.5	4602.2	4700.7
60°	3626.1	3882.5	4159.0	4419.9	4661.0	4882.0	5087.8	5271.2	5431.5	5568.1	5680.6
57.5°	4335.8	4661.0	4969.7	5264.2	5536.8	5786.6	6006.9	6199.7	6368.3	6512.2	6630.7
55°	5087.8	5452.2	5795.4	6105.9	6390.1	6650.9	6882.2	7068.9	7232.5	7372.1	7487.2
52.5°	5846.8	6225.2	6580.5	6905.2	7178.5	7429.6	7657.5	7844.8	8006.0	8143.7	8257.3
50°	6563.4	6954.9	7294.3	7612.6	7887.6	8133.3	8356.6	8547.3	8705.7	8841.3	8953.2
47.5°	7217.9	7603.8	7942.1	8251.6	8532.3	8772.3	8990.7	9184.0	9342.4	9478.1	9590.4
45°	7815.5	8188.3	8533.9	8834.4	9114.7	9356.1	9573.5	9768.6	9920.6	10048.3	10154.0
42.5°	8354.9	8724.5	9066.0	9369.5	9646.7	9888.5	10091.6	10274.3	10422.9	10542.1	10641.0
40°	8840.4	9217.6	9552.9	9859.7	10117.2	10354.5	10542.8	10712.7	10857.7	10971.3	11065.7
37.5°	9290.5	9664.6	9991.0	10284.3	10529.9	10750.6	10937.1	11098.2	11240.4	11345.8	11433.5
35°	9702.0	10057.4	10380.4	10649.2	10892.7	11100.6	11284.2	11432.7	11564.9	11665.3	11745.3
32.5°	10057.4	10409.8	10709.7	10974.3	11212.1	11406.0	11582.1	11718.2	11838.1	11934.8	12009.1
30°	10380.4	10709.7	11001.8	11264.0	11480.6	11669.5	11828.0	11960.9	12071.7	12163.9	12229.3
27.5°	10649.2	10974.3	11264.0	11505.7	11713.0	11894.8	12040.0	12168.0	12264.7	12349.5	12405.7
25°	10892.7	11212.1	11480.6	11713.0	11914.2	12080.3	12218.4	12334.4	12420.1	12492.7	12534.5
22.5°	11100.6	11406.0	11669.5	11894.8	12080.3	12235.5	12365.6	12463.7	12533.9	12577.9	12602.7
20°	11284.2	11582.1	11828.0	12040.0	12218.4	12365.6	12478.6	12551.1	12600.0	12612.1	12619.2
17.5°	11432.7	11718.2	11960.9	12168.0	12334.4	12463.7	12551.1	12602.3	12617.0	12614.4	12607.1
15°	11564.9	11838.1	12071.7	12264.7	12420.1	12533.9	12600.0	12617.0	12612.7	12597.9	12575.2
12.5°	11665.3	11934.8	12163.9	12349.5	12492.7	12577.9	12612.1	12614.4	12597.9	12569.7	12537.3
10°	11745.3	12009.1	12229.3	12405.7	12534.5	12602.7	12619.2	12607.1	12575.2	12537.3	12501.5
7.5°	11808.6	12068.1	12281.4	12450.6	12561.9	12610.3	12613.9	12591.1	12552.7	12509.8	12471.1
5°	11854.4	12110.9	12319.2	12483.4	12582.0	12615.9	12610.0	12578.5	12534.1	12489.2	12453.7
2.5°	11882.1	12136.8	12342.2	12503.3	12594.3	12619.3	12607.5	12570.7	12522.3	12476.0	12442.2
0°	11891.4	12145.5	12349.9	12510.0	12598.4	12620.5	12606.7	12568.0	12518.3	12471.4	12438.2
-2.5°	11882.1	12136.8	12342.2	12503.3	12594.3	12619.3	12607.5	12570.7	12522.3	12476.0	12442.2
-5°	11854.4	12110.9	12319.2	12483.4	12582.0	12615.9	12610.0	12578.5	12534.1	12489.2	12453.7
-7.5°	11808.6	12068.1	12281.4	12450.6	12561.9	12610.3	12613.9	12591.1	12552.7	12509.8	12471.1
-10°	11745.3	12009.1	12229.3	12405.7	12534.5	12602.7	12619.2	12607.1	12575.2	12537.3	12501.5
-12.5°	11665.3	11934.8	12163.9	12349.5	12492.7	12577.9	12612.1	12614.4	12597.9	12569.7	12537.3
-15°	11564.9	11838.1	12071.7	12264.7	12420.1	12533.9	12600.0	12617.0	12612.7	12597.9	12575.2
-17.5°	11432.7	11718.2	11960.9	12168.0	12334.4	12463.7	12551.1	12602.3	12617.0	12614.4	12607.1
-20°	11284.2	11582.1	11828.0	12040.0	12218.4	12365.6	12478.6	12551.1	12600.0	12612.1	12619.2



REPORT NUMBER: P645532 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-740-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	11100.6	11406.0	11669.5	11894.8	12080.3	12235.5	12365.6	12463.7	12533.9	12577.9	12602.7
-25°	10892.7	11212.1	11480.6	11713.0	11914.2	12080.3	12218.4	12334.4	12420.1	12492.7	12534.5
-27.5°	10649.2	10974.3	11264.0	11505.7	11713.0	11894.8	12040.0	12168.0	12264.7	12349.5	12405.7
-30°	10380.4	10709.7	11001.8	11264.0	11480.6	11669.5	11828.0	11960.9	12071.7	12163.9	12229.3
-32.5°	10057.4	10409.8	10709.7	10974.3	11212.1	11406.0	11582.1	11718.2	11838.1	11934.8	12009.1
-35°	9702.0	10057.4	10380.4	10649.2	10892.7	11100.6	11284.2	11432.7	11564.9	11665.3	11745.3
-37.5°	9290.5	9664.6	9991.0	10284.3	10529.9	10750.6	10937.1	11098.2	11240.4	11345.8	11433.5
-40°	8840.4	9217.6	9552.9	9859.7	10117.2	10354.5	10542.8	10712.7	10857.7	10971.3	11065.7
-42.5°	8354.9	8724.5	9066.0	9369.5	9646.7	9888.5	10091.6	10274.3	10422.9	10542.1	10641.0
-45°	7815.5	8188.3	8533.9	8834.4	9114.7	9356.1	9573.5	9768.6	9920.6	10048.3	10154.0
-47.5°	7217.9	7603.8	7942.1	8251.6	8532.3	8772.3	8990.7	9184.0	9342.4	9478.1	9590.4
-50°	6563.4	6954.9	7294.3	7612.6	7887.6	8133.3	8356.6	8547.3	8705.7	8841.3	8953.2
-52.5°	5846.8	6225.2	6580.5	6905.2	7178.5	7429.6	7657.5	7844.8	8006.0	8143.7	8257.3
-55°	5087.8	5452.2	5795.4	6105.9	6390.1	6650.9	6882.2	7068.9	7232.5	7372.1	7487.2
-57.5°	4335.8	4661.0	4969.7	5264.2	5536.8	5786.6	6006.9	6199.7	6368.3	6512.2	6630.7
-60°	3626.1	3882.5	4159.0	4419.9	4661.0	4882.0	5087.8	5271.2	5431.5	5568.1	5680.6
-62.5°	2991.2	3203.4	3422.3	3626.1	3814.5	4000.4	4181.1	4342.0	4482.5	4602.2	4700.7
-65°	2479.6	2642.4	2795.0	2937.0	3069.7	3224.6	3364.5	3488.9	3597.5	3690.0	3766.0
-67.5°	2038.8	2160.2	2273.9	2379.6	2489.8	2596.6	2692.9	2778.6	2853.3	2916.9	2969.1
-70°	1661.8	1746.6	1826.1	1907.1	1993.1	2071.6	2142.4	2205.3	2260.1	2306.8	2345.1
-72.5°	1347.8	1404.1	1460.6	1524.7	1583.9	1637.8	1686.4	1729.5	1767.2	1799.2	1825.4
-75°	1088.6	1132.5	1177.4	1219.0	1257.4	1292.4	1323.9	1351.8	1376.2	1396.9	1413.9
-77.5°	855.6	890.7	923.5	954.0	982.0	1007.5	1030.5	1050.9	1068.7	1083.8	1096.2
-80°	611.8	641.1	668.6	694.0	717.4	738.7	757.9	774.9	789.8	802.4	812.7
-82.5°	381.2	401.2	419.8	437.1	453.0	467.4	480.5	492.0	502.1	510.7	517.7
-85°	188.7	197.9	206.4	214.3	221.5	228.1	234.1	239.4	244.0	247.9	251.1
-87.5°	56.5	58.2	59.8	61.2	62.5	63.7	64.8	65.8	66.6	67.4	68.0
-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: P645532 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-740-U-LAM-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°	68.4	68.7	68.9	69.0	68.9	68.7	68.4	68.0	67.4	66.6	65.8
85°	253.6	255.4	256.4	256.8	256.4	255.4	253.6	251.1	247.9	244.0	239.4
82.5°	523.1	527.1	529.4	530.2	529.4	527.1	523.1	517.7	510.7	502.1	492.0
80°	820.8	826.6	830.0	831.2	830.0	826.6	820.8	812.7	802.4	789.8	774.9
77.5°	1105.9	1112.8	1117.0	1118.4	1117.0	1112.8	1105.9	1096.2	1083.8	1068.7	1050.9
75°	1427.2	1436.7	1442.4	1444.3	1442.4	1436.7	1427.2	1413.9	1396.9	1376.2	1351.8
72.5°	1845.9	1860.6	1869.5	1872.4	1869.5	1860.6	1845.9	1825.4	1799.2	1767.2	1729.5
70°	2375.0	2396.4	2409.3	2413.6	2409.3	2396.4	2375.0	2345.1	2306.8	2260.1	2205.3
67.5°	3009.9	3039.2	3056.7	3062.6	3056.7	3039.2	3009.9	2969.1	2916.9	2853.3	2778.6
65°	3825.4	3868.0	3893.6	3902.1	3893.6	3868.0	3825.4	3766.0	3690.0	3597.5	3488.9
62.5°	4777.6	4832.8	4865.9	4877.0	4865.9	4832.8	4777.6	4700.7	4602.2	4482.5	4342.0
60°	5768.6	5831.6	5869.5	5882.2	5869.5	5831.6	5768.6	5680.6	5568.1	5431.5	5271.2
57.5°	6723.4	6789.8	6829.8	6843.2	6829.8	6789.8	6723.4	6630.7	6512.2	6368.3	6199.7
55°	7577.3	7641.9	7680.8	7693.8	7680.8	7641.9	7577.3	7487.2	7372.1	7232.5	7068.9
52.5°	8346.3	8410.2	8448.7	8461.5	8448.7	8410.2	8346.3	8257.3	8143.7	8006.0	7844.8
50°	9041.0	9104.0	9142.0	9154.7	9142.0	9104.0	9041.0	8953.2	8841.3	8705.7	8547.3
47.5°	9678.4	9741.7	9779.9	9792.6	9779.9	9741.7	9678.4	9590.4	9478.1	9342.4	9184.0
45°	10237.1	10296.8	10332.9	10344.9	10332.9	10296.8	10237.1	10154.0	10048.3	9920.6	9768.6
42.5°	10718.8	10774.8	10808.6	10819.9	10808.6	10774.8	10718.8	10641.0	10542.1	10422.9	10274.3
40°	11140.0	11193.7	11226.1	11236.9	11226.1	11193.7	11140.0	11065.7	10971.3	10857.7	10712.7
37.5°	11502.8	11552.8	11583.1	11593.2	11583.1	11552.8	11502.8	11433.5	11345.8	11240.4	11098.2
35°	11808.6	11854.4	11882.1	11891.4	11882.1	11854.4	11808.6	11745.3	11665.3	11564.9	11432.7
32.5°	12068.1	12110.9	12136.8	12145.5	12136.8	12110.9	12068.1	12009.1	11934.8	11838.1	11718.2
30°	12281.4	12319.2	12342.2	12349.9	12342.2	12319.2	12281.4	12229.3	12163.9	12071.7	11960.9
27.5°	12450.6	12483.4	12503.3	12510.0	12503.3	12483.4	12450.6	12405.7	12349.5	12264.7	12168.0
25°	12561.9	12582.0	12594.3	12598.4	12594.3	12582.0	12561.9	12534.5	12492.7	12420.1	12334.4
22.5°	12610.3	12615.9	12619.3	12620.5	12619.3	12615.9	12610.3	12602.7	12577.9	12533.9	12463.7
20°	12613.9	12610.0	12607.5	12606.7	12607.5	12610.0	12613.9	12619.2	12612.1	12600.0	12551.1
17.5°	12591.1	12578.5	12570.7	12568.0	12570.7	12578.5	12591.1	12607.1	12614.4	12617.0	12602.3
15°	12552.7	12534.1	12522.3	12518.3	12522.3	12534.1	12552.7	12575.2	12597.9	12612.7	12617.0
12.5°	12509.8	12489.2	12476.0	12471.4	12476.0	12489.2	12509.8	12537.3	12569.7	12597.9	12614.4
10°	12471.1	12453.7	12442.2	12438.2	12442.2	12453.7	12471.1	12501.5	12537.3	12575.2	12607.1
7.5°	12446.1	12430.5	12422.0	12418.9	12422.0	12430.5	12446.1	12471.1	12509.8	12552.7	12591.1
5°	12430.5	12415.1	12402.0	12396.8	12402.0	12415.1	12430.5	12453.7	12489.2	12534.1	12578.5
2.5°	12422.0	12402.0	12382.3	12372.0	12382.3	12402.0	12422.0	12442.2	12476.0	12522.3	12570.7
0°	12418.9	12396.8	12372.0	12374.7	12372.0	12396.8	12418.9	12438.2	12471.4	12518.3	12568.0
-2.5°	12422.0	12402.0	12382.3	12372.0	12382.3	12402.0	12422.0	12442.2	12476.0	12522.3	12570.7
-5°	12430.5	12415.1	12402.0	12396.8	12402.0	12415.1	12430.5	12453.7	12489.2	12534.1	12578.5
-7.5°	12446.1	12430.5	12422.0	12418.9	12422.0	12430.5	12446.1	12471.1	12509.8	12552.7	12591.1
-10°	12471.1	12453.7	12442.2	12438.2	12442.2	12453.7	12471.1	12501.5	12537.3	12575.2	12607.1
-12.5°	12509.8	12489.2	12476.0	12471.4	12476.0	12489.2	12509.8	12537.3	12569.7	12597.9	12614.4
-15°	12552.7	12534.1	12522.3	12518.3	12522.3	12534.1	12552.7	12575.2	12597.9	12612.7	12617.0
-17.5°	12591.1	12578.5	12570.7	12568.0	12570.7	12578.5	12591.1	12607.1	12614.4	12617.0	12602.3
-20°	12613.9	12610.0	12607.5	12606.7	12607.5	12610.0	12613.9	12619.2	12612.1	12600.0	12551.1

Classified

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

Scaled Data Report



REPORT NUMBER: P645532 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-740-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	12610.3	12615.9	12619.3	12620.5	12619.3	12615.9	12610.3	12602.7	12577.9	12533.9	12463.7
-25°	12561.9	12582.0	12594.3	12598.4	12594.3	12582.0	12561.9	12534.5	12492.7	12420.1	12334.4
-27.5°	12450.6	12483.4	12503.3	12510.0	12503.3	12483.4	12450.6	12405.7	12349.5	12264.7	12168.0
-30°	12281.4	12319.2	12342.2	12349.9	12342.2	12319.2	12281.4	12229.3	12163.9	12071.7	11960.9
-32.5°	12068.1	12110.9	12136.8	12145.5	12136.8	12110.9	12068.1	12009.1	11934.8	11838.1	11718.2
-35°	11808.6	11854.4	11882.1	11891.4	11882.1	11854.4	11808.6	11745.3	11665.3	11564.9	11432.7
-37.5°	11502.8	11552.8	11583.1	11593.2	11583.1	11552.8	11502.8	11433.5	11345.8	11240.4	11098.2
-40°	11140.0	11193.7	11226.1	11236.9	11226.1	11193.7	11140.0	11065.7	10971.3	10857.7	10712.7
-42.5°	10718.8	10774.8	10808.6	10819.9	10808.6	10774.8	10718.8	10641.0	10542.1	10422.9	10274.3
-45°	10237.1	10296.8	10332.9	10344.9	10332.9	10296.8	10237.1	10154.0	10048.3	9920.6	9768.6
-47.5°	9678.4	9741.7	9779.9	9792.6	9779.9	9741.7	9678.4	9590.4	9478.1	9342.4	9184.0
-50°	9041.0	9104.0	9142.0	9154.7	9142.0	9104.0	9041.0	8953.2	8841.3	8705.7	8547.3
-52.5°	8346.3	8410.2	8448.7	8461.5	8448.7	8410.2	8346.3	8257.3	8143.7	8006.0	7844.8
-55°	7577.3	7641.9	7680.8	7693.8	7680.8	7641.9	7577.3	7487.2	7372.1	7232.5	7068.9
-57.5°	6723.4	6789.8	6829.8	6843.2	6829.8	6789.8	6723.4	6630.7	6512.2	6368.3	6199.7
-60°	5768.6	5831.6	5869.5	5882.2	5869.5	5831.6	5768.6	5680.6	5568.1	5431.5	5271.2
-62.5°	4777.6	4832.8	4865.9	4877.0	4865.9	4832.8	4777.6	4700.7	4602.2	4482.5	4342.0
-65°	3825.4	3868.0	3893.6	3902.1	3893.6	3868.0	3825.4	3766.0	3690.0	3597.5	3488.9
-67.5°	3009.9	3039.2	3056.7	3062.6	3056.7	3039.2	3009.9	2969.1	2916.9	2853.3	2778.6
-70°	2375.0	2396.4	2409.3	2413.6	2409.3	2396.4	2375.0	2345.1	2306.8	2260.1	2205.3
-72.5°	1845.9	1860.6	1869.5	1872.4	1869.5	1860.6	1845.9	1825.4	1799.2	1767.2	1729.5
-75°	1427.2	1436.7	1442.4	1444.3	1442.4	1436.7	1427.2	1413.9	1396.9	1376.2	1351.8
-77.5°	1105.9	1112.8	1117.0	1118.4	1117.0	1112.8	1105.9	1096.2	1083.8	1068.7	1050.9
-80°	820.8	826.6	830.0	831.2	830.0	826.6	820.8	812.7	802.4	789.8	774.9
-82.5°	523.1	527.1	529.4	530.2	529.4	527.1	523.1	517.7	510.7	502.1	492.0
-85°	253.6	255.4	256.4	256.8	256.4	255.4	253.6	251.1	247.9	244.0	239.4
-87.5°	68.4	68.7	68.9	69.0	68.9	68.7	68.4	68.0	67.4	66.6	65.8
-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: P645532 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-740-U-LAM-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°	64.8	63.7	62.5	61.2	59.8	58.2	56.5	54.7	52.9	50.9	48.8
85°	234.1	228.1	221.5	214.3	206.4	197.9	188.7	179.0	168.8	158.0	146.6
82.5°	480.5	467.4	453.0	437.1	419.8	401.2	381.2	360.0	337.6	313.9	289.1
80°	757.9	738.7	717.4	694.0	668.6	641.1	611.8	580.6	547.6	514.4	481.3
77.5°	1030.5	1007.5	982.0	954.0	923.5	890.7	855.6	817.6	776.3	732.7	687.1
75°	1323.9	1292.4	1257.4	1219.0	1177.4	1132.5	1088.6	1043.6	996.1	946.2	893.8
72.5°	1686.4	1637.8	1583.9	1524.7	1460.6	1404.1	1347.8	1288.1	1225.0	1158.7	1092.7
70°	2142.4	2071.6	1993.1	1907.1	1826.1	1746.6	1661.8	1571.7	1476.7	1392.9	1313.3
67.5°	2692.9	2596.6	2489.8	2379.6	2273.9	2160.2	2038.8	1910.1	1794.8	1682.0	1564.1
65°	3364.5	3224.6	3069.7	2937.0	2795.0	2642.4	2479.6	2324.8	2173.2	2014.2	1853.2
62.5°	4181.1	4000.4	3814.5	3626.1	3422.3	3203.4	2991.2	2800.3	2599.2	2392.7	2209.4
60°	5087.8	4882.0	4661.0	4419.9	4159.0	3882.5	3626.1	3354.9	3069.7	2837.2	2596.6
57.5°	6006.9	5786.6	5536.8	5264.2	4969.7	4661.0	4335.8	3992.2	3668.8	3343.7	3018.3
55°	6882.2	6650.9	6390.1	6105.9	5795.4	5452.2	5087.8	4708.6	4317.3	3908.7	3541.9
52.5°	7657.5	7429.6	7178.5	6905.2	6580.5	6225.2	5846.8	5431.5	4996.4	4552.7	4095.8
50°	8356.6	8133.3	7887.6	7612.6	7294.3	6954.9	6563.4	6136.3	5680.6	5194.1	4695.3
47.5°	8990.7	8772.3	8532.3	8251.6	7942.1	7603.8	7217.9	6808.8	6330.7	5831.6	5293.6
45°	9573.5	9356.1	9114.7	8834.4	8533.9	8188.3	7815.5	7395.7	6944.5	6428.7	5882.2
42.5°	10091.6	9888.5	9646.7	9369.5	9066.0	8724.5	8354.9	7938.7	7485.4	6988.7	6428.7
40°	10542.8	10354.5	10117.2	9859.7	9552.9	9217.6	8840.4	8438.9	7980.0	7485.4	6944.5
37.5°	10937.1	10750.6	10529.9	10284.3	9991.0	9664.6	9290.5	8879.2	8438.9	7938.7	7395.7
35°	11284.2	11100.6	10892.7	10649.2	10380.4	10057.4	9702.0	9290.5	8840.4	8354.9	7815.5
32.5°	11582.1	11406.0	11212.1	10974.3	10709.7	10409.8	10057.4	9664.6	9217.6	8724.5	8188.3
30°	11828.0	11669.5	11480.6	11264.0	11001.8	10709.7	10380.4	9991.0	9552.9	9066.0	8533.9
27.5°	12040.0	11894.8	11713.0	11505.7	11264.0	10974.3	10649.2	10284.3	9859.7	9369.5	8834.4
25°	12218.4	12080.3	11914.2	11713.0	11480.6	11212.1	10892.7	10529.9	10117.2	9646.7	9114.7
22.5°	12365.6	12235.5	12080.3	11894.8	11669.5	11406.0	11100.6	10750.6	10354.5	9888.5	9356.1
20°	12478.6	12365.6	12218.4	12040.0	11828.0	11582.1	11284.2	10937.1	10542.8	10091.6	9573.5
17.5°	12551.1	12463.7	12334.4	12168.0	11960.9	11718.2	11432.7	11098.2	10712.7	10274.3	9768.6
15°	12600.0	12533.9	12420.1	12264.7	12071.7	11838.1	11564.9	11240.4	10857.7	10422.9	9920.6
12.5°	12612.1	12577.9	12492.7	12349.5	12163.9	11934.8	11665.3	11345.8	10971.3	10542.1	10048.3
10°	12619.2	12602.7	12534.5	12405.7	12229.3	12009.1	11745.3	11433.5	11065.7	10641.0	10154.0
7.5°	12613.9	12610.3	12561.9	12450.6	12281.4	12068.1	11808.6	11502.8	11140.0	10718.8	10237.1
5°	12610.0	12615.9	12582.0	12483.4	12319.2	12110.9	11854.4	11552.8	11193.7	10774.8	10296.8
2.5°	12607.5	12619.3	12594.3	12503.3	12342.2	12136.8	11882.1	11583.1	11226.1	10808.6	10332.9
0°	12606.7	12620.5	12598.4	12510.0	12349.9	12145.5	11891.4	11593.2	11236.9	10819.9	10344.9
-2.5°	12607.5	12619.3	12594.3	12503.3	12342.2	12136.8	11882.1	11583.1	11226.1	10808.6	10332.9
-5°	12610.0	12615.9	12582.0	12483.4	12319.2	12110.9	11854.4	11552.8	11193.7	10774.8	10296.8
-7.5°	12613.9	12610.3	12561.9	12450.6	12281.4	12068.1	11808.6	11502.8	11140.0	10718.8	10237.1
-10°	12619.2	12602.7	12534.5	12405.7	12229.3	12009.1	11745.3	11433.5	11065.7	10641.0	10154.0
-12.5°	12612.1	12577.9	12492.7	12349.5	12163.9	11934.8	11665.3	11345.8	10971.3	10542.1	10048.3
-15°	12600.0	12533.9	12420.1	12264.7	12071.7	11838.1	11564.9	11240.4	10857.7	10422.9	9920.6
-17.5°	12551.1	12463.7	12334.4	12168.0	11960.9	11718.2	11432.7	11098.2	10712.7	10274.3	9768.6
-20°	12478.6	12365.6	12218.4	12040.0	11828.0	11582.1	11284.2	10937.1	10542.8	10091.6	9573.5



REPORT NUMBER: P645532 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-740-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	12365.6	12235.5	12080.3	11894.8	11669.5	11406.0	11100.6	10750.6	10354.5	9888.5	9356.1
-25°	12218.4	12080.3	11914.2	11713.0	11480.6	11212.1	10892.7	10529.9	10117.2	9646.7	9114.7
-27.5°	12040.0	11894.8	11713.0	11505.7	11264.0	10974.3	10649.2	10284.3	9859.7	9369.5	8834.4
-30°	11828.0	11669.5	11480.6	11264.0	11001.8	10709.7	10380.4	9991.0	9552.9	9066.0	8533.9
-32.5°	11582.1	11406.0	11212.1	10974.3	10709.7	10409.8	10057.4	9664.6	9217.6	8724.5	8188.3
-35°	11284.2	11100.6	10892.7	10649.2	10380.4	10057.4	9702.0	9290.5	8840.4	8354.9	7815.5
-37.5°	10937.1	10750.6	10529.9	10284.3	9991.0	9664.6	9290.5	8879.2	8438.9	7938.7	7395.7
-40°	10542.8	10354.5	10117.2	9859.7	9552.9	9217.6	8840.4	8438.9	7980.0	7485.4	6944.5
-42.5°	10091.6	9888.5	9646.7	9369.5	9066.0	8724.5	8354.9	7938.7	7485.4	6988.7	6428.7
-45°	9573.5	9356.1	9114.7	8834.4	8533.9	8188.3	7815.5	7395.7	6944.5	6428.7	5882.2
-47.5°	8990.7	8772.3	8532.3	8251.6	7942.1	7603.8	7217.9	6808.8	6330.7	5831.6	5293.6
-50°	8356.6	8133.3	7887.6	7612.6	7294.3	6954.9	6563.4	6136.3	5680.6	5194.1	4695.3
-52.5°	7657.5	7429.6	7178.5	6905.2	6580.5	6225.2	5846.8	5431.5	4996.4	4552.7	4095.8
-55°	6882.2	6650.9	6390.1	6105.9	5795.4	5452.2	5087.8	4708.6	4317.3	3908.7	3541.9
-57.5°	6006.9	5786.6	5536.8	5264.2	4969.7	4661.0	4335.8	3992.2	3668.8	3343.7	3018.3
-60°	5087.8	4882.0	4661.0	4419.9	4159.0	3882.5	3626.1	3354.9	3069.7	2837.2	2596.6
-62.5°	4181.1	4000.4	3814.5	3626.1	3422.3	3203.4	2991.2	2800.3	2599.2	2392.7	2209.4
-65°	3364.5	3224.6	3069.7	2937.0	2795.0	2642.4	2479.6	2324.8	2173.2	2014.2	1853.2
-67.5°	2692.9	2596.6	2489.8	2379.6	2273.9	2160.2	2038.8	1910.1	1794.8	1682.0	1564.1
-70°	2142.4	2071.6	1993.1	1907.1	1826.1	1746.6	1661.8	1571.7	1476.7	1392.9	1313.3
-72.5°	1686.4	1637.8	1583.9	1524.7	1460.6	1404.1	1347.8	1288.1	1225.0	1158.7	1092.7
-75°	1323.9	1292.4	1257.4	1219.0	1177.4	1132.5	1088.6	1043.6	996.1	946.2	893.8
-77.5°	1030.5	1007.5	982.0	954.0	923.5	890.7	855.6	817.6	776.3	732.7	687.1
-80°	757.9	738.7	717.4	694.0	668.6	641.1	611.8	580.6	547.6	514.4	481.3
-82.5°	480.5	467.4	453.0	437.1	419.8	401.2	381.2	360.0	337.6	313.9	289.1
-85°	234.1	228.1	221.5	214.3	206.4	197.9	188.7	179.0	168.8	158.0	146.6
-87.5°	64.8	63.7	62.5	61.2	59.8	58.2	56.5	54.7	52.9	50.9	48.8
-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: P645532 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-740-U-LAM-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°	46.6	44.3	42.0	39.6	37.1	34.5	31.9	29.2	26.4	23.6	20.7
85°	134.8	122.5	109.7	96.5	82.8	68.9	63.7	58.3	52.8	47.1	41.4
82.5°	263.3	242.7	223.6	203.7	183.3	162.3	140.8	118.7	96.3	73.4	62.1
80°	446.8	410.8	373.6	335.1	295.5	255.4	226.7	197.3	167.4	137.0	106.0
77.5°	639.5	590.1	538.8	489.9	440.3	389.4	337.3	283.9	238.1	200.1	161.5
75°	839.3	780.2	718.7	655.1	589.6	523.1	460.6	396.7	331.6	265.4	216.5
72.5°	1029.0	962.7	894.1	823.0	746.7	668.3	588.2	508.4	432.6	355.6	277.4
70°	1230.5	1144.5	1063.0	982.1	898.9	812.7	721.2	627.8	532.7	444.6	355.6
67.5°	1442.1	1345.2	1245.1	1141.8	1045.5	949.7	851.6	747.8	641.1	532.7	432.6
65°	1716.5	1574.9	1432.4	1317.7	1199.8	1083.8	975.2	864.4	747.8	627.8	508.4
62.5°	2018.9	1832.3	1671.3	1505.6	1361.5	1229.0	1096.6	975.2	851.6	721.2	588.2
60°	2357.9	2142.4	1920.2	1729.5	1544.3	1376.2	1229.0	1083.8	949.7	812.7	668.3
57.5°	2747.0	2466.7	2217.1	1969.8	1749.0	1544.3	1361.5	1199.8	1045.5	898.9	746.7
55°	3163.1	2838.0	2526.9	2242.0	1969.8	1729.5	1505.6	1317.7	1141.8	982.1	823.0
52.5°	3662.0	3242.5	2868.4	2526.9	2217.1	1920.2	1671.3	1432.4	1245.1	1063.0	894.1
50°	4190.0	3702.1	3242.5	2838.0	2466.7	2142.4	1832.3	1574.9	1345.2	1144.5	962.7
47.5°	4743.0	4190.0	3662.0	3163.1	2747.0	2357.9	2018.9	1716.5	1442.1	1230.5	1029.0
45°	5293.6	4695.3	4095.8	3541.9	3018.3	2596.6	2209.4	1853.2	1564.1	1313.3	1092.7
42.5°	5831.6	5194.1	4552.7	3908.7	3343.7	2837.2	2392.7	2014.2	1682.0	1392.9	1158.7
40°	6330.7	5680.6	4996.4	4317.3	3668.8	3069.7	2599.2	2173.2	1794.8	1476.7	1225.0
37.5°	6808.8	6136.3	5431.5	4708.6	3992.2	3354.9	2800.3	2324.8	1910.1	1571.7	1288.1
35°	7217.9	6563.4	5846.8	5087.8	4335.8	3626.1	2991.2	2479.6	2038.8	1661.8	1347.8
32.5°	7603.8	6954.9	6225.2	5452.2	4661.0	3882.5	3203.4	2642.4	2160.2	1746.6	1404.1
30°	7942.1	7294.3	6580.5	5795.4	4969.7	4159.0	3422.3	2795.0	2273.9	1826.1	1460.6
27.5°	8251.6	7612.6	6905.2	6105.9	5264.2	4419.9	3626.1	2937.0	2379.6	1907.1	1524.7
25°	8532.3	7887.6	7178.5	6390.1	5536.8	4661.0	3814.5	3069.7	2489.8	1993.1	1583.9
22.5°	8772.3	8133.3	7429.6	6650.9	5786.6	4882.0	4000.4	3224.6	2596.6	2071.6	1637.8
20°	8990.7	8356.6	7657.5	6882.2	6006.9	5087.8	4181.1	3364.5	2692.9	2142.4	1686.4
17.5°	9184.0	8547.3	7844.8	7068.9	6199.7	5271.2	4342.0	3488.9	2778.6	2205.3	1729.5
15°	9342.4	8705.7	8006.0	7232.5	6368.3	5431.5	4482.5	3597.5	2853.3	2260.1	1767.2
12.5°	9478.1	8841.3	8143.7	7372.1	6512.2	5568.1	4602.2	3690.0	2916.9	2306.8	1799.2
10°	9590.4	8953.2	8257.3	7487.2	6630.7	5680.6	4700.7	3766.0	2969.1	2345.1	1825.4
7.5°	9678.4	9041.0	8346.3	7577.3	6723.4	5768.6	4777.6	3825.4	3009.9	2375.0	1845.9
5°	9741.7	9104.0	8410.2	7641.9	6789.8	5831.6	4832.8	3868.0	3039.2	2396.4	1860.6
2.5°	9779.9	9142.0	8448.7	7680.8	6829.8	5869.5	4865.9	3893.6	3056.7	2409.3	1869.5
0°	9792.6	9154.7	8461.5	7693.8	6843.2	5882.2	4877.0	3902.1	3062.6	2413.6	1872.4
-2.5°	9779.9	9142.0	8448.7	7680.8	6829.8	5869.5	4865.9	3893.6	3056.7	2409.3	1869.5
-5°	9741.7	9104.0	8410.2	7641.9	6789.8	5831.6	4832.8	3868.0	3039.2	2396.4	1860.6
-7.5°	9678.4	9041.0	8346.3	7577.3	6723.4	5768.6	4777.6	3825.4	3009.9	2375.0	1845.9
-10°	9590.4	8953.2	8257.3	7487.2	6630.7	5680.6	4700.7	3766.0	2969.1	2345.1	1825.4
-12.5°	9478.1	8841.3	8143.7	7372.1	6512.2	5568.1	4602.2	3690.0	2916.9	2306.8	1799.2
-15°	9342.4	8705.7	8006.0	7232.5	6368.3	5431.5	4482.5	3597.5	2853.3	2260.1	1767.2
-17.5°	9184.0	8547.3	7844.8	7068.9	6199.7	5271.2	4342.0	3488.9	2778.6	2205.3	1729.5
-20°	8990.7	8356.6	7657.5	6882.2	6006.9	5087.8	4181.1	3364.5	2692.9	2142.4	1686.4



REPORT NUMBER: P645532 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-740-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	8772.3	8133.3	7429.6	6650.9	5786.6	4882.0	4000.4	3224.6	2596.6	2071.6	1637.8
-25°	8532.3	7887.6	7178.5	6390.1	5536.8	4661.0	3814.5	3069.7	2489.8	1993.1	1583.9
-27.5°	8251.6	7612.6	6905.2	6105.9	5264.2	4419.9	3626.1	2937.0	2379.6	1907.1	1524.7
-30°	7942.1	7294.3	6580.5	5795.4	4969.7	4159.0	3422.3	2795.0	2273.9	1826.1	1460.6
-32.5°	7603.8	6954.9	6225.2	5452.2	4661.0	3882.5	3203.4	2642.4	2160.2	1746.6	1404.1
-35°	7217.9	6563.4	5846.8	5087.8	4335.8	3626.1	2991.2	2479.6	2038.8	1661.8	1347.8
-37.5°	6808.8	6136.3	5431.5	4708.6	3992.2	3354.9	2800.3	2324.8	1910.1	1571.7	1288.1
-40°	6330.7	5680.6	4996.4	4317.3	3668.8	3069.7	2599.2	2173.2	1794.8	1476.7	1225.0
-42.5°	5831.6	5194.1	4552.7	3908.7	3343.7	2837.2	2392.7	2014.2	1682.0	1392.9	1158.7
-45°	5293.6	4695.3	4095.8	3541.9	3018.3	2596.6	2209.4	1853.2	1564.1	1313.3	1092.7
-47.5°	4743.0	4190.0	3662.0	3163.1	2747.0	2357.9	2018.9	1716.5	1442.1	1230.5	1029.0
-50°	4190.0	3702.1	3242.5	2838.0	2466.7	2142.4	1832.3	1574.9	1345.2	1144.5	962.7
-52.5°	3662.0	3242.5	2868.4	2526.9	2217.1	1920.2	1671.3	1432.4	1245.1	1063.0	894.1
-55°	3163.1	2838.0	2526.9	2242.0	1969.8	1729.5	1505.6	1317.7	1141.8	982.1	823.0
-57.5°	2747.0	2466.7	2217.1	1969.8	1749.0	1544.3	1361.5	1199.8	1045.5	898.9	746.7
-60°	2357.9	2142.4	1920.2	1729.5	1544.3	1376.2	1229.0	1083.8	949.7	812.7	668.3
-62.5°	2018.9	1832.3	1671.3	1505.6	1361.5	1229.0	1096.6	975.2	851.6	721.2	588.2
-65°	1716.5	1574.9	1432.4	1317.7	1199.8	1083.8	975.2	864.4	747.8	627.8	508.4
-67.5°	1442.1	1345.2	1245.1	1141.8	1045.5	949.7	851.6	747.8	641.1	532.7	432.6
-70°	1230.5	1144.5	1063.0	982.1	898.9	812.7	721.2	627.8	532.7	444.6	355.6
-72.5°	1029.0	962.7	894.1	823.0	746.7	668.3	588.2	508.4	432.6	355.6	277.4
-75°	839.3	780.2	718.7	655.1	589.6	523.1	460.6	396.7	331.6	265.4	216.5
-77.5°	639.5	590.1	538.8	489.9	440.3	389.4	337.3	283.9	238.1	200.1	161.5
-80°	446.8	410.8	373.6	335.1	295.5	255.4	226.7	197.3	167.4	137.0	106.0
-82.5°	263.3	242.7	223.6	203.7	183.3	162.3	140.8	118.7	96.3	73.4	62.1
-85°	134.8	122.5	109.7	96.5	82.8	68.9	63.7	58.3	52.8	47.1	41.4
-87.5°	46.6	44.3	42.0	39.6	37.1	34.5	31.9	29.2	26.4	23.6	20.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645532 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-740-U-LAM-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°	17.9	14.9	12.0	9.0	6.0	3.0	0.0
85°	35.7	29.8	23.9	18.0	12.0	6.0	0.0
82.5°	53.4	44.7	35.8	26.9	18.0	9.0	0.0
80°	74.7	59.4	47.7	35.8	23.9	12.0	0.0
77.5°	122.4	82.9	59.4	44.7	29.8	14.9	0.0
75°	169.7	122.4	74.7	53.4	35.7	17.9	0.0
72.5°	216.5	161.5	106.0	62.1	41.4	20.7	0.0
70°	265.4	200.1	137.0	73.4	47.1	23.6	0.0
67.5°	331.6	238.1	167.4	96.3	52.8	26.4	0.0
65°	396.7	283.9	197.3	118.7	58.3	29.2	0.0
62.5°	460.6	337.3	226.7	140.8	63.7	31.9	0.0
60°	523.1	389.4	255.4	162.3	68.9	34.5	0.0
57.5°	589.6	440.3	295.5	183.3	82.8	37.1	0.0
55°	655.1	489.9	335.1	203.7	96.5	39.6	0.0
52.5°	718.7	538.8	373.6	223.6	109.7	42.0	0.0
50°	780.2	590.1	410.8	242.7	122.5	44.3	0.0
47.5°	839.3	639.5	446.8	263.3	134.8	46.6	0.0
45°	893.8	687.1	481.3	289.1	146.6	48.8	0.0
42.5°	946.2	732.7	514.4	313.9	158.0	50.9	0.0
40°	996.1	776.3	547.6	337.6	168.8	52.9	0.0
37.5°	1043.6	817.6	580.6	360.0	179.0	54.7	0.0
35°	1088.6	855.6	611.8	381.2	188.7	56.5	0.0
32.5°	1132.5	890.7	641.1	401.2	197.9	58.2	0.0
30°	1177.4	923.5	668.6	419.8	206.4	59.8	0.0
27.5°	1219.0	954.0	694.0	437.1	214.3	61.2	0.0
25°	1257.4	982.0	717.4	453.0	221.5	62.5	0.0
22.5°	1292.4	1007.5	738.7	467.4	228.1	63.7	0.0
20°	1323.9	1030.5	757.9	480.5	234.1	64.8	0.0
17.5°	1351.8	1050.9	774.9	492.0	239.4	65.8	0.0
15°	1376.2	1068.7	789.8	502.1	244.0	66.6	0.0
12.5°	1396.9	1083.8	802.4	510.7	247.9	67.4	0.0
10°	1413.9	1096.2	812.7	517.7	251.1	68.0	0.0
7.5°	1427.2	1105.9	820.8	523.1	253.6	68.4	0.0
5°	1436.7	1112.8	826.6	527.1	255.4	68.7	0.0
2.5°	1442.4	1117.0	830.0	529.4	256.4	68.9	0.0
0°	1444.3	1118.4	831.2	530.2	256.8	69.0	0.0
-2.5°	1442.4	1117.0	830.0	529.4	256.4	68.9	0.0
-5°	1436.7	1112.8	826.6	527.1	255.4	68.7	0.0
-7.5°	1427.2	1105.9	820.8	523.1	253.6	68.4	0.0
-10°	1413.9	1096.2	812.7	517.7	251.1	68.0	0.0
-12.5°	1396.9	1083.8	802.4	510.7	247.9	67.4	0.0
-15°	1376.2	1068.7	789.8	502.1	244.0	66.6	0.0
-17.5°	1351.8	1050.9	774.9	492.0	239.4	65.8	0.0
-20°	1323.9	1030.5	757.9	480.5	234.1	64.8	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645532 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-740-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	1292.4	1007.5	738.7	467.4	228.1	63.7	0.0
-25°	1257.4	982.0	717.4	453.0	221.5	62.5	0.0
-27.5°	1219.0	954.0	694.0	437.1	214.3	61.2	0.0
-30°	1177.4	923.5	668.6	419.8	206.4	59.8	0.0
-32.5°	1132.5	890.7	641.1	401.2	197.9	58.2	0.0
-35°	1088.6	855.6	611.8	381.2	188.7	56.5	0.0
-37.5°	1043.6	817.6	580.6	360.0	179.0	54.7	0.0
-40°	996.1	776.3	547.6	337.6	168.8	52.9	0.0
-42.5°	946.2	732.7	514.4	313.9	158.0	50.9	0.0
-45°	893.8	687.1	481.3	289.1	146.6	48.8	0.0
-47.5°	839.3	639.5	446.8	263.3	134.8	46.6	0.0
-50°	780.2	590.1	410.8	242.7	122.5	44.3	0.0
-52.5°	718.7	538.8	373.6	223.6	109.7	42.0	0.0
-55°	655.1	489.9	335.1	203.7	96.5	39.6	0.0
-57.5°	589.6	440.3	295.5	183.3	82.8	37.1	0.0
-60°	523.1	389.4	255.4	162.3	68.9	34.5	0.0
-62.5°	460.6	337.3	226.7	140.8	63.7	31.9	0.0
-65°	396.7	283.9	197.3	118.7	58.3	29.2	0.0
-67.5°	331.6	238.1	167.4	96.3	52.8	26.4	0.0
-70°	265.4	200.1	137.0	73.4	47.1	23.6	0.0
-72.5°	216.5	161.5	106.0	62.1	41.4	20.7	0.0
-75°	169.7	122.4	74.7	53.4	35.7	17.9	0.0
-77.5°	122.4	82.9	59.4	44.7	29.8	14.9	0.0
-80°	74.7	59.4	47.7	35.8	23.9	12.0	0.0
-82.5°	53.4	44.7	35.8	26.9	18.0	9.0	0.0
-85°	35.7	29.8	23.9	18.0	12.0	6.0	0.0
-87.5°	17.9	14.9	12.0	9.0	6.0	3.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)