

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: P645466 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA4C-727-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645466 (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: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA4C-727-U-LAM-XX
Description: GALLEON FLOOD, FOUR LIGHT SQUARE, LAMBERTIAN
Light Source: (64) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

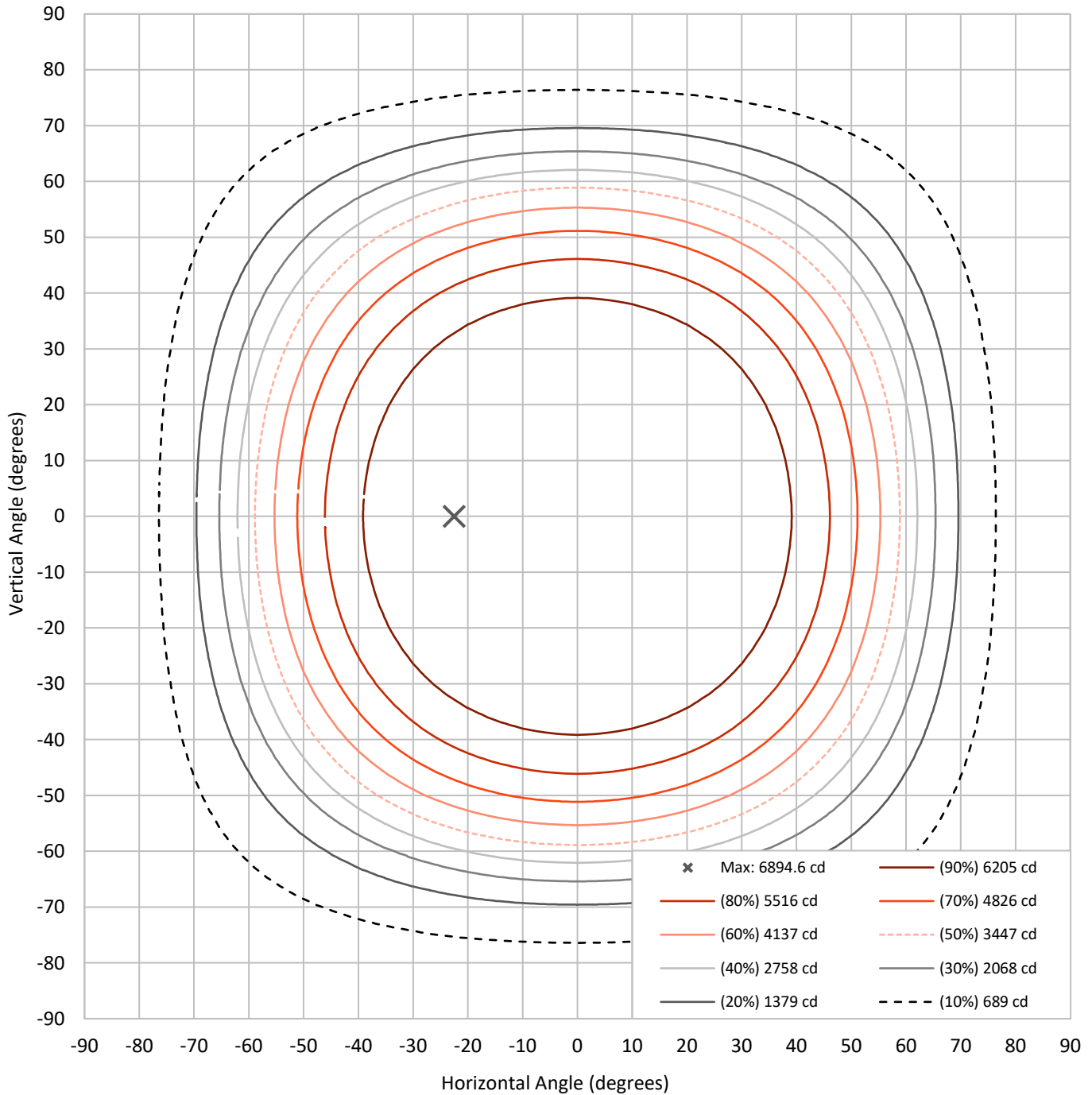
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	21091 lumens	Max Intensity:	6894.6 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	125.4 lumens/watt		
Luminous Opening:	Rectangular (W 1' 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:	17552.4 lumens	Field Lumens:	20676.2 lumens
Beam Efficiency:	83.2%	Field Efficiency:	98.0%
Input Watts (W):	168.2		
Input Voltage (V):	120		
Input Current (A _{in}):	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		



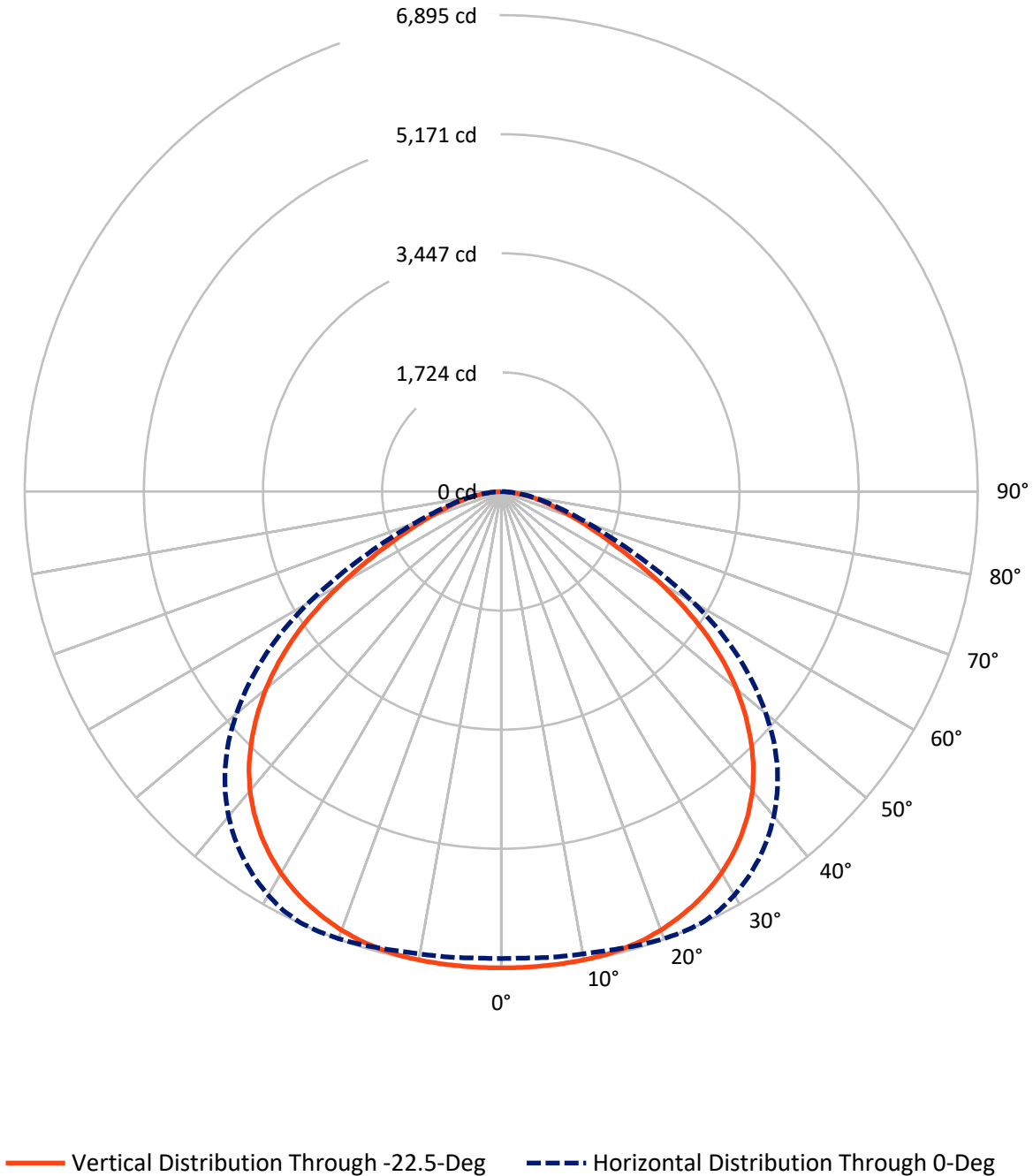
REPORT NUMBER: P645466 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-727-U-LAM-XX

Iso-Candela Plot



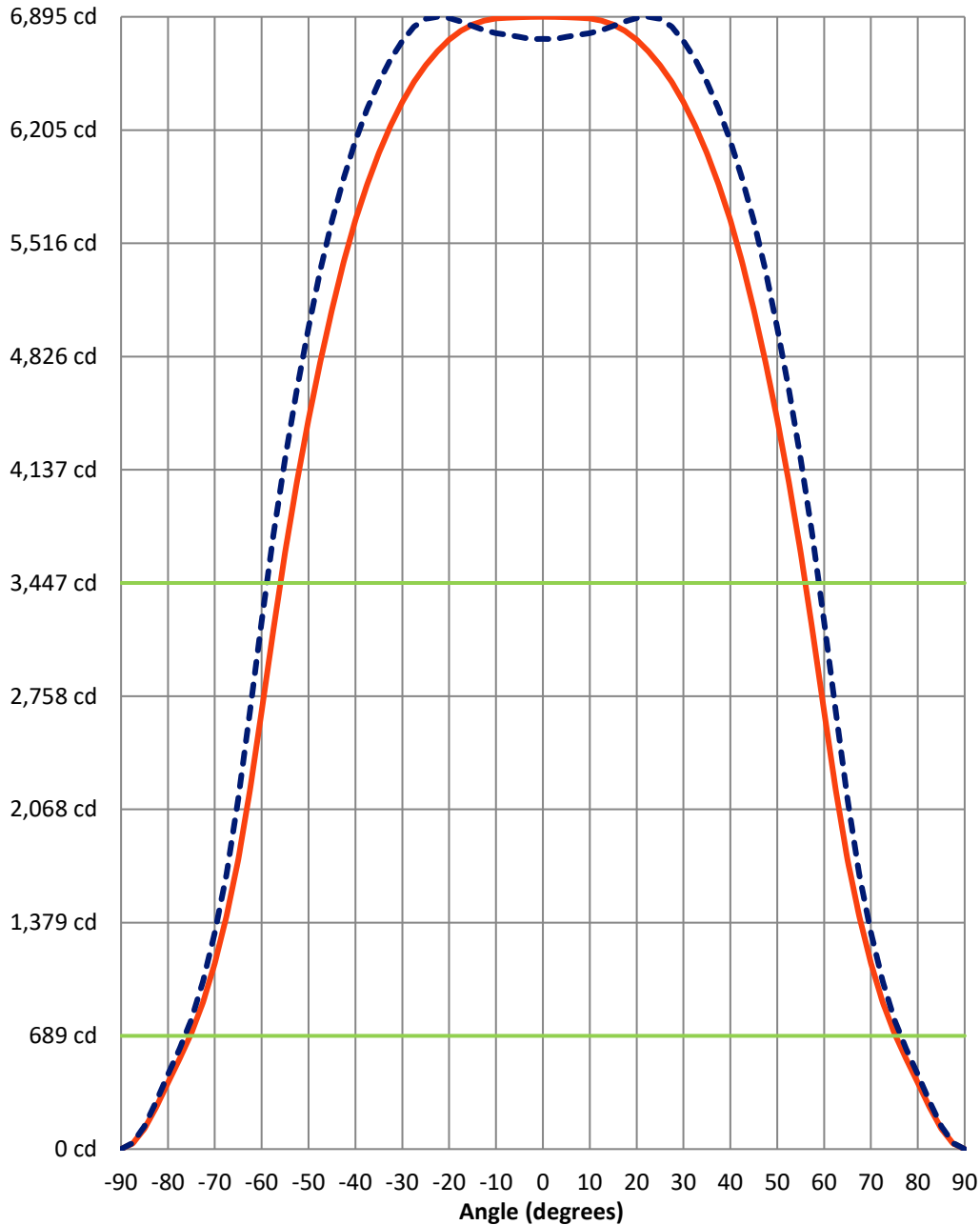
REPORT NUMBER: P645466 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-727-U-LAM-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P645466 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-727-U-LAM-XX

Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 17552.4
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 20676.2
 Efficiency: 98.0%

Spill:
 Lumens: 414.8
 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: P645466 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-727-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	1.6	3.3	4.9	6.5	8.2	9.8	11.3	12.9	14.4	15.9
85°	0.0	3.3	6.6	9.8	13.1	16.3	19.5	22.6	25.8	28.8	31.8
82.5°	0.0	4.9	9.8	14.7	19.6	24.4	29.2	33.9	40.1	52.6	64.9
80°	0.0	6.5	13.1	19.6	26.1	32.5	40.8	57.9	74.8	91.5	107.8
77.5°	0.0	8.2	16.3	24.4	32.5	45.3	66.9	88.2	109.3	130.1	155.1
75°	0.0	9.8	19.5	29.2	40.8	66.9	92.7	118.3	145.0	181.2	216.8
72.5°	0.0	11.3	22.6	33.9	57.9	88.2	118.3	151.5	194.3	236.4	277.8
70°	0.0	12.9	25.8	40.1	74.8	109.3	145.0	194.3	243.0	291.1	343.0
67.5°	0.0	14.4	28.8	52.6	91.5	130.1	181.2	236.4	291.1	350.3	408.5
65°	0.0	15.9	31.8	64.9	107.8	155.1	216.8	277.8	343.0	408.5	472.2
62.5°	0.0	17.4	34.8	76.9	123.8	184.3	251.7	321.4	394.0	465.3	532.7
60°	0.0	18.8	37.7	88.7	139.5	212.8	285.8	365.2	444.0	518.8	592.1
57.5°	0.0	20.3	45.3	100.1	161.4	240.6	322.2	407.9	491.1	571.2	655.5
55°	0.0	21.6	52.7	111.3	183.1	267.7	357.9	449.6	536.5	623.8	719.8
52.5°	0.0	22.9	59.9	122.1	204.1	294.4	392.6	488.5	580.7	680.2	782.5
50°	0.0	24.2	66.9	132.6	224.5	322.4	426.3	526.0	625.2	734.9	860.4
47.5°	0.0	25.5	73.6	143.8	244.1	349.4	458.5	562.1	672.2	787.8	937.7
45°	0.0	26.7	80.1	158.0	263.0	375.4	488.3	597.0	717.5	854.5	1012.4
42.5°	0.0	27.8	86.3	171.5	281.1	400.3	516.9	633.0	760.9	918.9	1100.4
40°	0.0	28.9	92.2	184.4	299.2	424.1	544.2	669.2	806.7	980.5	1187.3
37.5°	0.0	29.9	97.8	196.7	317.2	446.7	570.1	703.7	858.6	1043.5	1270.1
35°	0.0	30.9	103.1	208.3	334.3	467.4	594.7	736.3	907.8	1113.8	1354.7
32.5°	0.0	31.8	108.1	219.2	350.3	486.6	618.7	767.0	954.2	1180.1	1443.6
30°	0.0	32.6	112.8	229.4	365.3	504.5	643.2	797.9	997.6	1242.3	1526.9
27.5°	0.0	33.4	117.1	238.8	379.2	521.2	666.0	832.9	1041.9	1300.0	1604.5
25°	0.0	34.2	121.0	247.5	391.9	536.5	686.9	865.3	1088.9	1360.2	1677.0
22.5°	0.0	34.8	124.6	255.4	403.6	550.4	706.0	894.7	1131.8	1418.5	1761.6
20°	0.0	35.4	127.9	262.5	414.1	563.0	723.2	921.3	1170.4	1471.2	1838.0
17.5°	0.0	36.0	130.8	268.8	423.4	574.1	738.5	944.8	1204.8	1517.9	1906.0
15°	0.0	36.4	133.3	274.3	431.5	583.9	751.8	965.4	1234.7	1558.8	1965.3
12.5°	0.0	36.8	135.4	279.0	438.4	592.1	763.1	982.9	1260.2	1593.5	2015.8
10°	0.0	37.1	137.2	282.9	444.0	598.9	772.4	997.2	1281.2	1622.0	2057.4
7.5°	0.0	37.4	138.5	285.8	448.4	604.2	779.7	1008.4	1297.5	1644.3	2089.8
5°	0.0	37.6	139.5	288.0	451.6	608.0	784.8	1016.5	1309.2	1660.3	2113.1
2.5°	0.0	37.7	140.1	289.3	453.5	610.2	788.0	1021.3	1316.3	1669.9	2127.0
0°	0.0	37.7	140.3	289.7	454.1	611.0	789.0	1022.9	1318.6	1673.1	2131.7
-2.5°	0.0	37.7	140.1	289.3	453.5	610.2	788.0	1021.3	1316.3	1669.9	2127.0
-5°	0.0	37.6	139.5	288.0	451.6	608.0	784.8	1016.5	1309.2	1660.3	2113.1
-7.5°	0.0	37.4	138.5	285.8	448.4	604.2	779.7	1008.4	1297.5	1644.3	2089.8
-10°	0.0	37.1	137.2	282.9	444.0	598.9	772.4	997.2	1281.2	1622.0	2057.4
-12.5°	0.0	36.8	135.4	279.0	438.4	592.1	763.1	982.9	1260.2	1593.5	2015.8
-15°	0.0	36.4	133.3	274.3	431.5	583.9	751.8	965.4	1234.7	1558.8	1965.3
-17.5°	0.0	36.0	130.8	268.8	423.4	574.1	738.5	944.8	1204.8	1517.9	1906.0
-20°	0.0	35.4	127.9	262.5	414.1	563.0	723.2	921.3	1170.4	1471.2	1838.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645466 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-727-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	34.8	124.6	255.4	403.6	550.4	706.0	894.7	1131.8	1418.5	1761.6
-25°	0.0	34.2	121.0	247.5	391.9	536.5	686.9	865.3	1088.9	1360.2	1677.0
-27.5°	0.0	33.4	117.1	238.8	379.2	521.2	666.0	832.9	1041.9	1300.0	1604.5
-30°	0.0	32.6	112.8	229.4	365.3	504.5	643.2	797.9	997.6	1242.3	1526.9
-32.5°	0.0	31.8	108.1	219.2	350.3	486.6	618.7	767.0	954.2	1180.1	1443.6
-35°	0.0	30.9	103.1	208.3	334.3	467.4	594.7	736.3	907.8	1113.8	1354.7
-37.5°	0.0	29.9	97.8	196.7	317.2	446.7	570.1	703.7	858.6	1043.5	1270.1
-40°	0.0	28.9	92.2	184.4	299.2	424.1	544.2	669.2	806.7	980.5	1187.3
-42.5°	0.0	27.8	86.3	171.5	281.1	400.3	516.9	633.0	760.9	918.9	1100.4
-45°	0.0	26.7	80.1	158.0	263.0	375.4	488.3	597.0	717.5	854.5	1012.4
-47.5°	0.0	25.5	73.6	143.8	244.1	349.4	458.5	562.1	672.2	787.8	937.7
-50°	0.0	24.2	66.9	132.6	224.5	322.4	426.3	526.0	625.2	734.9	860.4
-52.5°	0.0	22.9	59.9	122.1	204.1	294.4	392.6	488.5	580.7	680.2	782.5
-55°	0.0	21.6	52.7	111.3	183.1	267.7	357.9	449.6	536.5	623.8	719.8
-57.5°	0.0	20.3	45.3	100.1	161.4	240.6	322.2	407.9	491.1	571.2	655.5
-60°	0.0	18.8	37.7	88.7	139.5	212.8	285.8	365.2	444.0	518.8	592.1
-62.5°	0.0	17.4	34.8	76.9	123.8	184.3	251.7	321.4	394.0	465.3	532.7
-65°	0.0	15.9	31.8	64.9	107.8	155.1	216.8	277.8	343.0	408.5	472.2
-67.5°	0.0	14.4	28.8	52.6	91.5	130.1	181.2	236.4	291.1	350.3	408.5
-70°	0.0	12.9	25.8	40.1	74.8	109.3	145.0	194.3	243.0	291.1	343.0
-72.5°	0.0	11.3	22.6	33.9	57.9	88.2	118.3	151.5	194.3	236.4	277.8
-75°	0.0	9.8	19.5	29.2	40.8	66.9	92.7	118.3	145.0	181.2	216.8
-77.5°	0.0	8.2	16.3	24.4	32.5	45.3	66.9	88.2	109.3	130.1	155.1
-80°	0.0	6.5	13.1	19.6	26.1	32.5	40.8	57.9	74.8	91.5	107.8
-82.5°	0.0	4.9	9.8	14.7	19.6	24.4	29.2	33.9	40.1	52.6	64.9
-85°	0.0	3.3	6.6	9.8	13.1	16.3	19.5	22.6	25.8	28.8	31.8
-87.5°	0.0	1.6	3.3	4.9	6.5	8.2	9.8	11.3	12.9	14.4	15.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645466 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-727-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°	17.4	18.8	20.3	21.6	22.9	24.2	25.5	26.7	27.8	28.9	29.9
85°	34.8	37.7	45.3	52.7	59.9	66.9	73.6	80.1	86.3	92.2	97.8
82.5°	76.9	88.7	100.1	111.3	122.1	132.6	143.8	158.0	171.5	184.4	196.7
80°	123.8	139.5	161.4	183.1	204.1	224.5	244.1	263.0	281.1	299.2	317.2
77.5°	184.3	212.8	240.6	267.7	294.4	322.4	349.4	375.4	400.3	424.1	446.7
75°	251.7	285.8	322.2	357.9	392.6	426.3	458.5	488.3	516.9	544.2	570.1
72.5°	321.4	365.2	407.9	449.6	488.5	526.0	562.1	597.0	633.0	669.2	703.7
70°	394.0	444.0	491.1	536.5	580.7	625.2	672.2	717.5	760.9	806.7	858.6
67.5°	465.3	518.8	571.2	623.8	680.2	734.9	787.8	854.5	918.9	980.5	1043.5
65°	532.7	592.1	655.5	719.8	782.5	860.4	937.7	1012.4	1100.4	1187.3	1270.1
62.5°	599.1	671.4	743.8	822.5	913.0	1001.0	1103.0	1207.0	1307.2	1420.0	1529.8
60°	671.4	751.8	843.6	944.8	1049.0	1170.4	1288.2	1418.5	1550.0	1677.0	1832.8
57.5°	743.8	843.6	955.5	1076.1	1211.2	1347.6	1500.7	1648.9	1826.6	2004.2	2180.9
55°	822.5	944.8	1076.1	1224.9	1380.5	1550.4	1728.0	1935.0	2135.3	2358.5	2572.3
52.5°	913.0	1049.0	1211.2	1380.5	1567.0	1771.4	2000.5	2237.5	2487.1	2729.5	2967.3
50°	1001.0	1170.4	1347.6	1550.4	1771.4	2022.5	2289.0	2565.0	2837.5	3103.4	3352.3
47.5°	1103.0	1288.2	1500.7	1728.0	2000.5	2289.0	2591.1	2891.9	3185.9	3458.5	3719.7
45°	1207.0	1418.5	1648.9	1935.0	2237.5	2565.0	2891.9	3213.5	3512.1	3793.8	4040.3
42.5°	1307.2	1550.0	1826.6	2135.3	2487.1	2837.5	3185.9	3512.1	3818.0	4089.3	4336.9
40°	1420.0	1677.0	2004.2	2358.5	2729.5	3103.4	3458.5	3793.8	4089.3	4359.5	4610.3
37.5°	1529.8	1832.8	2180.9	2572.3	2967.3	3352.3	3719.7	4040.3	4336.9	4610.3	4850.8
35°	1634.1	1980.9	2368.6	2779.5	3194.2	3585.6	3943.2	4269.6	4564.3	4829.5	5075.4
32.5°	1750.0	2121.0	2546.3	2978.6	3400.9	3799.5	4153.9	4473.3	4766.3	5035.5	5279.8
30°	1869.6	2272.1	2715.0	3166.1	3595.0	3984.9	4338.8	4662.2	4952.8	5218.8	5458.1
27.5°	1980.9	2414.6	2875.8	3335.7	3772.3	4158.8	4507.9	4826.2	5118.5	5386.4	5618.4
25°	2083.8	2546.3	3024.8	3491.0	3921.6	4309.0	4661.3	4979.3	5270.0	5527.1	5752.6
22.5°	2185.4	2667.0	3161.2	3633.4	4058.8	4443.3	4792.3	5111.3	5402.1	5656.8	5873.2
20°	2284.1	2779.5	3281.6	3759.8	4183.3	4565.3	4911.6	5230.0	5513.1	5759.6	5975.0
17.5°	2372.0	2879.7	3386.9	3861.8	4285.6	4669.5	5017.2	5336.6	5612.9	5852.4	6063.0
15°	2448.8	2967.3	3479.1	3951.1	4373.7	4756.0	5103.7	5419.7	5694.1	5931.6	6140.7
12.5°	2514.2	3041.9	3557.7	4027.4	4448.9	4830.0	5177.9	5489.4	5759.2	5993.7	6198.3
10°	2568.0	3103.4	3622.4	4090.2	4511.0	4891.2	5239.2	5547.2	5813.3	6045.3	6246.2
7.5°	2610.0	3151.4	3673.0	4139.4	4559.6	4939.1	5287.3	5592.6	5855.8	6085.9	6284.0
5°	2640.1	3185.9	3709.4	4174.8	4594.6	4973.5	5321.9	5625.2	5886.4	6115.2	6311.4
2.5°	2658.3	3206.6	3731.2	4196.0	4615.6	4994.3	5342.7	5644.9	5904.8	6132.9	6327.9
0°	2664.3	3213.5	3738.5	4203.1	4622.6	5001.2	5349.7	5651.5	5911.0	6138.8	6333.4
-2.5°	2658.3	3206.6	3731.2	4196.0	4615.6	4994.3	5342.7	5644.9	5904.8	6132.9	6327.9
-5°	2640.1	3185.9	3709.4	4174.8	4594.6	4973.5	5321.9	5625.2	5886.4	6115.2	6311.4
-7.5°	2610.0	3151.4	3673.0	4139.4	4559.6	4939.1	5287.3	5592.6	5855.8	6085.9	6284.0
-10°	2568.0	3103.4	3622.4	4090.2	4511.0	4891.2	5239.2	5547.2	5813.3	6045.3	6246.2
-12.5°	2514.2	3041.9	3557.7	4027.4	4448.9	4830.0	5177.9	5489.4	5759.2	5993.7	6198.3
-15°	2448.8	2967.3	3479.1	3951.1	4373.7	4756.0	5103.7	5419.7	5694.1	5931.6	6140.7
-17.5°	2372.0	2879.7	3386.9	3861.8	4285.6	4669.5	5017.2	5336.6	5612.9	5852.4	6063.0
-20°	2284.1	2779.5	3281.6	3759.8	4183.3	4565.3	4911.6	5230.0	5513.1	5759.6	5975.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645466 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-727-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°	2185.4	2667.0	3161.2	3633.4	4058.8	4443.3	4792.3	5111.3	5402.1	5656.8	5873.2
-25°	2083.8	2546.3	3024.8	3491.0	3921.6	4309.0	4661.3	4979.3	5270.0	5527.1	5752.6
-27.5°	1980.9	2414.6	2875.8	3335.7	3772.3	4158.8	4507.9	4826.2	5118.5	5386.4	5618.4
-30°	1869.6	2272.1	2715.0	3166.1	3595.0	3984.9	4338.8	4662.2	4952.8	5218.8	5458.1
-32.5°	1750.0	2121.0	2546.3	2978.6	3400.9	3799.5	4153.9	4473.3	4766.3	5035.5	5279.8
-35°	1634.1	1980.9	2368.6	2779.5	3194.2	3585.6	3943.2	4269.6	4564.3	4829.5	5075.4
-37.5°	1529.8	1832.8	2180.9	2572.3	2967.3	3352.3	3719.7	4040.3	4336.9	4610.3	4850.8
-40°	1420.0	1677.0	2004.2	2358.5	2729.5	3103.4	3458.5	3793.8	4089.3	4359.5	4610.3
-42.5°	1307.2	1550.0	1826.6	2135.3	2487.1	2837.5	3185.9	3512.1	3818.0	4089.3	4336.9
-45°	1207.0	1418.5	1648.9	1935.0	2237.5	2565.0	2891.9	3213.5	3512.1	3793.8	4040.3
-47.5°	1103.0	1288.2	1500.7	1728.0	2000.5	2289.0	2591.1	2891.9	3185.9	3458.5	3719.7
-50°	1001.0	1170.4	1347.6	1550.4	1771.4	2022.5	2289.0	2565.0	2837.5	3103.4	3352.3
-52.5°	913.0	1049.0	1211.2	1380.5	1567.0	1771.4	2000.5	2237.5	2487.1	2729.5	2967.3
-55°	822.5	944.8	1076.1	1224.9	1380.5	1550.4	1728.0	1935.0	2135.3	2358.5	2572.3
-57.5°	743.8	843.6	955.5	1076.1	1211.2	1347.6	1500.7	1648.9	1826.6	2004.2	2180.9
-60°	671.4	751.8	843.6	944.8	1049.0	1170.4	1288.2	1418.5	1550.0	1677.0	1832.8
-62.5°	599.1	671.4	743.8	822.5	913.0	1001.0	1103.0	1207.0	1307.2	1420.0	1529.8
-65°	532.7	592.1	655.5	719.8	782.5	860.4	937.7	1012.4	1100.4	1187.3	1270.1
-67.5°	465.3	518.8	571.2	623.8	680.2	734.9	787.8	854.5	918.9	980.5	1043.5
-70°	394.0	444.0	491.1	536.5	580.7	625.2	672.2	717.5	760.9	806.7	858.6
-72.5°	321.4	365.2	407.9	449.6	488.5	526.0	562.1	597.0	633.0	669.2	703.7
-75°	251.7	285.8	322.2	357.9	392.6	426.3	458.5	488.3	516.9	544.2	570.1
-77.5°	184.3	212.8	240.6	267.7	294.4	322.4	349.4	375.4	400.3	424.1	446.7
-80°	123.8	139.5	161.4	183.1	204.1	224.5	244.1	263.0	281.1	299.2	317.2
-82.5°	76.9	88.7	100.1	111.3	122.1	132.6	143.8	158.0	171.5	184.4	196.7
-85°	34.8	37.7	45.3	52.7	59.9	66.9	73.6	80.1	86.3	92.2	97.8
-87.5°	17.4	18.8	20.3	21.6	22.9	24.2	25.5	26.7	27.8	28.9	29.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645466 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-727-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°	30.9	31.8	32.6	33.4	34.2	34.8	35.4	36.0	36.4	36.8	37.1
85°	103.1	108.1	112.8	117.1	121.0	124.6	127.9	130.8	133.3	135.4	137.2
82.5°	208.3	219.2	229.4	238.8	247.5	255.4	262.5	268.8	274.3	279.0	282.9
80°	334.3	350.3	365.3	379.2	391.9	403.6	414.1	423.4	431.5	438.4	444.0
77.5°	467.4	486.6	504.5	521.2	536.5	550.4	563.0	574.1	583.9	592.1	598.9
75°	594.7	618.7	643.2	666.0	686.9	706.0	723.2	738.5	751.8	763.1	772.4
72.5°	736.3	767.0	797.9	832.9	865.3	894.7	921.3	944.8	965.4	982.9	997.2
70°	907.8	954.2	997.6	1041.9	1088.9	1131.8	1170.4	1204.8	1234.7	1260.2	1281.2
67.5°	1113.8	1180.1	1242.3	1300.0	1360.2	1418.5	1471.2	1517.9	1558.8	1593.5	1622.0
65°	1354.7	1443.6	1526.9	1604.5	1677.0	1761.6	1838.0	1906.0	1965.3	2015.8	2057.4
62.5°	1634.1	1750.0	1869.6	1980.9	2083.8	2185.4	2284.1	2372.0	2448.8	2514.2	2568.0
60°	1980.9	2121.0	2272.1	2414.6	2546.3	2667.0	2779.5	2879.7	2967.3	3041.9	3103.4
57.5°	2368.6	2546.3	2715.0	2875.8	3024.8	3161.2	3281.6	3386.9	3479.1	3557.7	3622.4
55°	2779.5	2978.6	3166.1	3335.7	3491.0	3633.4	3759.8	3861.8	3951.1	4027.4	4090.2
52.5°	3194.2	3400.9	3595.0	3772.3	3921.6	4058.8	4183.3	4285.6	4373.7	4448.9	4511.0
50°	3585.6	3799.5	3984.9	4158.8	4309.0	4443.3	4565.3	4669.5	4756.0	4830.0	4891.2
47.5°	3943.2	4153.9	4338.8	4507.9	4661.3	4792.3	4911.6	5017.2	5103.7	5177.9	5239.2
45°	4269.6	4473.3	4662.2	4826.2	4979.3	5111.3	5230.0	5336.6	5419.7	5489.4	5547.2
42.5°	4564.3	4766.3	4952.8	5118.5	5270.0	5402.1	5513.1	5612.9	5694.1	5759.2	5813.3
40°	4829.5	5035.5	5218.8	5386.4	5527.1	5656.8	5759.6	5852.4	5931.6	5993.7	6045.3
37.5°	5075.4	5279.8	5458.1	5618.4	5752.6	5873.2	5975.0	6063.0	6140.7	6198.3	6246.2
35°	5300.2	5494.4	5670.9	5817.8	5950.8	6064.3	6164.6	6245.8	6318.0	6372.8	6416.5
32.5°	5494.4	5687.0	5850.8	5995.4	6125.2	6231.2	6327.4	6401.7	6467.2	6520.0	6560.6
30°	5670.9	5850.8	6010.4	6153.6	6271.9	6375.1	6461.7	6534.3	6594.8	6645.2	6680.9
27.5°	5817.8	5995.4	6153.6	6285.6	6398.9	6498.2	6577.5	6647.4	6700.2	6746.6	6777.3
25°	5950.8	6125.2	6271.9	6398.9	6508.8	6599.5	6674.9	6738.3	6785.1	6824.8	6847.7
22.5°	6064.3	6231.2	6375.1	6498.2	6599.5	6684.3	6755.4	6809.0	6847.3	6871.3	6884.8
20°	6164.6	6327.4	6461.7	6577.5	6674.9	6755.4	6817.1	6856.7	6883.4	6890.0	6893.9
17.5°	6245.8	6401.7	6534.3	6647.4	6738.3	6809.0	6856.7	6884.7	6892.7	6891.3	6887.3
15°	6318.0	6467.2	6594.8	6700.2	6785.1	6847.3	6883.4	6892.7	6890.4	6882.3	6869.8
12.5°	6372.8	6520.0	6645.2	6746.6	6824.8	6871.3	6890.0	6891.3	6882.3	6866.8	6849.2
10°	6416.5	6560.6	6680.9	6777.3	6847.7	6884.8	6893.9	6887.3	6869.8	6849.2	6829.6
7.5°	6451.1	6592.8	6709.3	6801.8	6862.6	6889.0	6891.0	6878.6	6857.6	6834.1	6812.9
5°	6476.1	6616.2	6730.0	6819.7	6873.6	6892.1	6888.9	6871.7	6847.4	6822.8	6803.5
2.5°	6491.2	6630.4	6742.6	6830.6	6880.3	6894.0	6887.5	6867.4	6841.0	6815.6	6797.2
0°	6496.3	6635.1	6746.8	6834.3	6882.5	6894.6	6887.1	6865.9	6838.8	6813.1	6795.0
-2.5°	6491.2	6630.4	6742.6	6830.6	6880.3	6894.0	6887.5	6867.4	6841.0	6815.6	6797.2
-5°	6476.1	6616.2	6730.0	6819.7	6873.6	6892.1	6888.9	6871.7	6847.4	6822.8	6803.5
-7.5°	6451.1	6592.8	6709.3	6801.8	6862.6	6889.0	6891.0	6878.6	6857.6	6834.1	6812.9
-10°	6416.5	6560.6	6680.9	6777.3	6847.7	6884.8	6893.9	6887.3	6869.8	6849.2	6829.6
-12.5°	6372.8	6520.0	6645.2	6746.6	6824.8	6871.3	6890.0	6891.3	6882.3	6866.8	6849.2
-15°	6318.0	6467.2	6594.8	6700.2	6785.1	6847.3	6883.4	6892.7	6890.4	6882.3	6869.8
-17.5°	6245.8	6401.7	6534.3	6647.4	6738.3	6809.0	6856.7	6884.7	6892.7	6891.3	6887.3
-20°	6164.6	6327.4	6461.7	6577.5	6674.9	6755.4	6817.1	6856.7	6883.4	6890.0	6893.9



REPORT NUMBER: P645466 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-727-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	6064.3	6231.2	6375.1	6498.2	6599.5	6684.3	6755.4	6809.0	6847.3	6871.3	6884.8
-25°	5950.8	6125.2	6271.9	6398.9	6508.8	6599.5	6674.9	6738.3	6785.1	6824.8	6847.7
-27.5°	5817.8	5995.4	6153.6	6285.6	6398.9	6498.2	6577.5	6647.4	6700.2	6746.6	6777.3
-30°	5670.9	5850.8	6010.4	6153.6	6271.9	6375.1	6461.7	6534.3	6594.8	6645.2	6680.9
-32.5°	5494.4	5687.0	5850.8	5995.4	6125.2	6231.2	6327.4	6401.7	6467.2	6520.0	6560.6
-35°	5300.2	5494.4	5670.9	5817.8	5950.8	6064.3	6164.6	6245.8	6318.0	6372.8	6416.5
-37.5°	5075.4	5279.8	5458.1	5618.4	5752.6	5873.2	5975.0	6063.0	6140.7	6198.3	6246.2
-40°	4829.5	5035.5	5218.8	5386.4	5527.1	5656.8	5759.6	5852.4	5931.6	5993.7	6045.3
-42.5°	4564.3	4766.3	4952.8	5118.5	5270.0	5402.1	5513.1	5612.9	5694.1	5759.2	5813.3
-45°	4269.6	4473.3	4662.2	4826.2	4979.3	5111.3	5230.0	5336.6	5419.7	5489.4	5547.2
-47.5°	3943.2	4153.9	4338.8	4507.9	4661.3	4792.3	4911.6	5017.2	5103.7	5177.9	5239.2
-50°	3585.6	3799.5	3984.9	4158.8	4309.0	4443.3	4565.3	4669.5	4756.0	4830.0	4891.2
-52.5°	3194.2	3400.9	3595.0	3772.3	3921.6	4058.8	4183.3	4285.6	4373.7	4448.9	4511.0
-55°	2779.5	2978.6	3166.1	3335.7	3491.0	3633.4	3759.8	3861.8	3951.1	4027.4	4090.2
-57.5°	2368.6	2546.3	2715.0	2875.8	3024.8	3161.2	3281.6	3386.9	3479.1	3557.7	3622.4
-60°	1980.9	2121.0	2272.1	2414.6	2546.3	2667.0	2779.5	2879.7	2967.3	3041.9	3103.4
-62.5°	1634.1	1750.0	1869.6	1980.9	2083.8	2185.4	2284.1	2372.0	2448.8	2514.2	2568.0
-65°	1354.7	1443.6	1526.9	1604.5	1677.0	1761.6	1838.0	1906.0	1965.3	2015.8	2057.4
-67.5°	1113.8	1180.1	1242.3	1300.0	1360.2	1418.5	1471.2	1517.9	1558.8	1593.5	1622.0
-70°	907.8	954.2	997.6	1041.9	1088.9	1131.8	1170.4	1204.8	1234.7	1260.2	1281.2
-72.5°	736.3	767.0	797.9	832.9	865.3	894.7	921.3	944.8	965.4	982.9	997.2
-75°	594.7	618.7	643.2	666.0	686.9	706.0	723.2	738.5	751.8	763.1	772.4
-77.5°	467.4	486.6	504.5	521.2	536.5	550.4	563.0	574.1	583.9	592.1	598.9
-80°	334.3	350.3	365.3	379.2	391.9	403.6	414.1	423.4	431.5	438.4	444.0
-82.5°	208.3	219.2	229.4	238.8	247.5	255.4	262.5	268.8	274.3	279.0	282.9
-85°	103.1	108.1	112.8	117.1	121.0	124.6	127.9	130.8	133.3	135.4	137.2
-87.5°	30.9	31.8	32.6	33.4	34.2	34.8	35.4	36.0	36.4	36.8	37.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645466 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-727-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°	37.4	37.6	37.7	37.7	37.7	37.6	37.4	37.1	36.8	36.4	36.0
85°	138.5	139.5	140.1	140.3	140.1	139.5	138.5	137.2	135.4	133.3	130.8
82.5°	285.8	288.0	289.3	289.7	289.3	288.0	285.8	282.9	279.0	274.3	268.8
80°	448.4	451.6	453.5	454.1	453.5	451.6	448.4	444.0	438.4	431.5	423.4
77.5°	604.2	608.0	610.2	611.0	610.2	608.0	604.2	598.9	592.1	583.9	574.1
75°	779.7	784.8	788.0	789.0	788.0	784.8	779.7	772.4	763.1	751.8	738.5
72.5°	1008.4	1016.5	1021.3	1022.9	1021.3	1016.5	1008.4	997.2	982.9	965.4	944.8
70°	1297.5	1309.2	1316.3	1318.6	1316.3	1309.2	1297.5	1281.2	1260.2	1234.7	1204.8
67.5°	1644.3	1660.3	1669.9	1673.1	1669.9	1660.3	1644.3	1622.0	1593.5	1558.8	1517.9
65°	2089.8	2113.1	2127.0	2131.7	2127.0	2113.1	2089.8	2057.4	2015.8	1965.3	1906.0
62.5°	2610.0	2640.1	2658.3	2664.3	2658.3	2640.1	2610.0	2568.0	2514.2	2448.8	2372.0
60°	3151.4	3185.9	3206.6	3213.5	3206.6	3185.9	3151.4	3103.4	3041.9	2967.3	2879.7
57.5°	3673.0	3709.4	3731.2	3738.5	3731.2	3709.4	3673.0	3622.4	3557.7	3479.1	3386.9
55°	4139.4	4174.8	4196.0	4203.1	4196.0	4174.8	4139.4	4090.2	4027.4	3951.1	3861.8
52.5°	4559.6	4594.6	4615.6	4622.6	4615.6	4594.6	4559.6	4511.0	4448.9	4373.7	4285.6
50°	4939.1	4973.5	4994.3	5001.2	4994.3	4973.5	4939.1	4891.2	4830.0	4756.0	4669.5
47.5°	5287.3	5321.9	5342.7	5349.7	5342.7	5321.9	5287.3	5239.2	5177.9	5103.7	5017.2
45°	5592.6	5625.2	5644.9	5651.5	5644.9	5625.2	5592.6	5547.2	5489.4	5419.7	5336.6
42.5°	5855.8	5886.4	5904.8	5911.0	5904.8	5886.4	5855.8	5813.3	5759.2	5694.1	5612.9
40°	6085.9	6115.2	6132.9	6138.8	6132.9	6115.2	6085.9	6045.3	5993.7	5931.6	5852.4
37.5°	6284.0	6311.4	6327.9	6333.4	6327.9	6311.4	6284.0	6246.2	6198.3	6140.7	6063.0
35°	6451.1	6476.1	6491.2	6496.3	6491.2	6476.1	6451.1	6416.5	6372.8	6318.0	6245.8
32.5°	6592.8	6616.2	6630.4	6635.1	6630.4	6616.2	6592.8	6560.6	6520.0	6467.2	6401.7
30°	6709.3	6730.0	6742.6	6746.8	6742.6	6730.0	6709.3	6680.9	6645.2	6594.8	6534.3
27.5°	6801.8	6819.7	6830.6	6834.3	6830.6	6819.7	6801.8	6777.3	6746.6	6700.2	6647.4
25°	6862.6	6873.6	6880.3	6882.5	6880.3	6873.6	6862.6	6847.7	6824.8	6785.1	6738.3
22.5°	6889.0	6892.1	6894.0	6894.6	6894.0	6892.1	6889.0	6884.8	6871.3	6847.3	6809.0
20°	6891.0	6888.9	6887.5	6887.1	6887.5	6888.9	6891.0	6893.9	6890.0	6883.4	6856.7
17.5°	6878.6	6871.7	6867.4	6865.9	6867.4	6871.7	6878.6	6887.3	6891.3	6892.7	6884.7
15°	6857.6	6847.4	6841.0	6838.8	6841.0	6847.4	6857.6	6869.8	6882.3	6890.4	6892.7
12.5°	6834.1	6822.8	6815.6	6813.1	6815.6	6822.8	6834.1	6849.2	6866.8	6882.3	6891.3
10°	6812.9	6803.5	6797.2	6795.0	6797.2	6803.5	6812.9	6829.6	6849.2	6869.8	6887.3
7.5°	6799.3	6790.8	6786.2	6784.5	6786.2	6790.8	6799.3	6812.9	6834.1	6857.6	6878.6
5°	6790.8	6782.4	6775.2	6772.4	6775.2	6782.4	6790.8	6803.5	6822.8	6847.4	6871.7
2.5°	6786.2	6775.2	6764.4	6758.8	6764.4	6775.2	6786.2	6797.2	6815.6	6841.0	6867.4
0°	6784.5	6772.4	6758.8	6760.3	6758.8	6772.4	6784.5	6795.0	6813.1	6838.8	6865.9
-2.5°	6786.2	6775.2	6764.4	6758.8	6764.4	6775.2	6786.2	6797.2	6815.6	6841.0	6867.4
-5°	6790.8	6782.4	6775.2	6772.4	6775.2	6782.4	6790.8	6803.5	6822.8	6847.4	6871.7
-7.5°	6799.3	6790.8	6786.2	6784.5	6786.2	6790.8	6799.3	6812.9	6834.1	6857.6	6878.6
-10°	6812.9	6803.5	6797.2	6795.0	6797.2	6803.5	6812.9	6829.6	6849.2	6869.8	6887.3
-12.5°	6834.1	6822.8	6815.6	6813.1	6815.6	6822.8	6834.1	6849.2	6866.8	6882.3	6891.3
-15°	6857.6	6847.4	6841.0	6838.8	6841.0	6847.4	6857.6	6869.8	6882.3	6890.4	6892.7
-17.5°	6878.6	6871.7	6867.4	6865.9	6867.4	6871.7	6878.6	6887.3	6891.3	6892.7	6884.7
-20°	6891.0	6888.9	6887.5	6887.1	6887.5	6888.9	6891.0	6893.9	6890.0	6883.4	6856.7

Classified

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

Scaled Data Report



REPORT NUMBER: P645466 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-727-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°	6889.0	6892.1	6894.0	6894.6	6894.0	6892.1	6889.0	6884.8	6871.3	6847.3	6809.0
-25°	6862.6	6873.6	6880.3	6882.5	6880.3	6873.6	6862.6	6847.7	6824.8	6785.1	6738.3
-27.5°	6801.8	6819.7	6830.6	6834.3	6830.6	6819.7	6801.8	6777.3	6746.6	6700.2	6647.4
-30°	6709.3	6730.0	6742.6	6746.8	6742.6	6730.0	6709.3	6680.9	6645.2	6594.8	6534.3
-32.5°	6592.8	6616.2	6630.4	6635.1	6630.4	6616.2	6592.8	6560.6	6520.0	6467.2	6401.7
-35°	6451.1	6476.1	6491.2	6496.3	6491.2	6476.1	6451.1	6416.5	6372.8	6318.0	6245.8
-37.5°	6284.0	6311.4	6327.9	6333.4	6327.9	6311.4	6284.0	6246.2	6198.3	6140.7	6063.0
-40°	6085.9	6115.2	6132.9	6138.8	6132.9	6115.2	6085.9	6045.3	5993.7	5931.6	5852.4
-42.5°	5855.8	5886.4	5904.8	5911.0	5904.8	5886.4	5855.8	5813.3	5759.2	5694.1	5612.9
-45°	5592.6	5625.2	5644.9	5651.5	5644.9	5625.2	5592.6	5547.2	5489.4	5419.7	5336.6
-47.5°	5287.3	5321.9	5342.7	5349.7	5342.7	5321.9	5287.3	5239.2	5177.9	5103.7	5017.2
-50°	4939.1	4973.5	4994.3	5001.2	4994.3	4973.5	4939.1	4891.2	4830.0	4756.0	4669.5
-52.5°	4559.6	4594.6	4615.6	4622.6	4615.6	4594.6	4559.6	4511.0	4448.9	4373.7	4285.6
-55°	4139.4	4174.8	4196.0	4203.1	4196.0	4174.8	4139.4	4090.2	4027.4	3951.1	3861.8
-57.5°	3673.0	3709.4	3731.2	3738.5	3731.2	3709.4	3673.0	3622.4	3557.7	3479.1	3386.9
-60°	3151.4	3185.9	3206.6	3213.5	3206.6	3185.9	3151.4	3103.4	3041.9	2967.3	2879.7
-62.5°	2610.0	2640.1	2658.3	2664.3	2658.3	2640.1	2610.0	2568.0	2514.2	2448.8	2372.0
-65°	2089.8	2113.1	2127.0	2131.7	2127.0	2113.1	2089.8	2057.4	2015.8	1965.3	1906.0
-67.5°	1644.3	1660.3	1669.9	1673.1	1669.9	1660.3	1644.3	1622.0	1593.5	1558.8	1517.9
-70°	1297.5	1309.2	1316.3	1318.6	1316.3	1309.2	1297.5	1281.2	1260.2	1234.7	1204.8
-72.5°	1008.4	1016.5	1021.3	1022.9	1021.3	1016.5	1008.4	997.2	982.9	965.4	944.8
-75°	779.7	784.8	788.0	789.0	788.0	784.8	779.7	772.4	763.1	751.8	738.5
-77.5°	604.2	608.0	610.2	611.0	610.2	608.0	604.2	598.9	592.1	583.9	574.1
-80°	448.4	451.6	453.5	454.1	453.5	451.6	448.4	444.0	438.4	431.5	423.4
-82.5°	285.8	288.0	289.3	289.7	289.3	288.0	285.8	282.9	279.0	274.3	268.8
-85°	138.5	139.5	140.1	140.3	140.1	139.5	138.5	137.2	135.4	133.3	130.8
-87.5°	37.4	37.6	37.7	37.7	37.7	37.6	37.4	37.1	36.8	36.4	36.0
-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: P645466 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-727-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°	35.4	34.8	34.2	33.4	32.6	31.8	30.9	29.9	28.9	27.8	26.7
85°	127.9	124.6	121.0	117.1	112.8	108.1	103.1	97.8	92.2	86.3	80.1
82.5°	262.5	255.4	247.5	238.8	229.4	219.2	208.3	196.7	184.4	171.5	158.0
80°	414.1	403.6	391.9	379.2	365.3	350.3	334.3	317.2	299.2	281.1	263.0
77.5°	563.0	550.4	536.5	521.2	504.5	486.6	467.4	446.7	424.1	400.3	375.4
75°	723.2	706.0	686.9	666.0	643.2	618.7	594.7	570.1	544.2	516.9	488.3
72.5°	921.3	894.7	865.3	832.9	797.9	767.0	736.3	703.7	669.2	633.0	597.0
70°	1170.4	1131.8	1088.9	1041.9	997.6	954.2	907.8	858.6	806.7	760.9	717.5
67.5°	1471.2	1418.5	1360.2	1300.0	1242.3	1180.1	1113.8	1043.5	980.5	918.9	854.5
65°	1838.0	1761.6	1677.0	1604.5	1526.9	1443.6	1354.7	1270.1	1187.3	1100.4	1012.4
62.5°	2284.1	2185.4	2083.8	1980.9	1869.6	1750.0	1634.1	1529.8	1420.0	1307.2	1207.0
60°	2779.5	2667.0	2546.3	2414.6	2272.1	2121.0	1980.9	1832.8	1677.0	1550.0	1418.5
57.5°	3281.6	3161.2	3024.8	2875.8	2715.0	2546.3	2368.6	2180.9	2004.2	1826.6	1648.9
55°	3759.8	3633.4	3491.0	3335.7	3166.1	2978.6	2779.5	2572.3	2358.5	2135.3	1935.0
52.5°	4183.3	4058.8	3921.6	3772.3	3595.0	3400.9	3194.2	2967.3	2729.5	2487.1	2237.5
50°	4565.3	4443.3	4309.0	4158.8	3984.9	3799.5	3585.6	3352.3	3103.4	2837.5	2565.0
47.5°	4911.6	4792.3	4661.3	4507.9	4338.8	4153.9	3943.2	3719.7	3458.5	3185.9	2891.9
45°	5230.0	5111.3	4979.3	4826.2	4662.2	4473.3	4269.6	4040.3	3793.8	3512.1	3213.5
42.5°	5513.1	5402.1	5270.0	5118.5	4952.8	4766.3	4564.3	4336.9	4089.3	3818.0	3512.1
40°	5759.6	5656.8	5527.1	5386.4	5218.8	5035.5	4829.5	4610.3	4359.5	4089.3	3793.8
37.5°	5975.0	5873.2	5752.6	5618.4	5458.1	5279.8	5075.4	4850.8	4610.3	4336.9	4040.3
35°	6164.6	6064.3	5950.8	5817.8	5670.9	5494.4	5300.2	5075.4	4829.5	4564.3	4269.6
32.5°	6327.4	6231.2	6125.2	5995.4	5850.8	5687.0	5494.4	5279.8	5035.5	4766.3	4473.3
30°	6461.7	6375.1	6271.9	6153.6	6010.4	5850.8	5670.9	5458.1	5218.8	4952.8	4662.2
27.5°	6577.5	6498.2	6398.9	6285.6	6153.6	5995.4	5817.8	5618.4	5386.4	5118.5	4826.2
25°	6674.9	6599.5	6508.8	6398.9	6271.9	6125.2	5950.8	5752.6	5527.1	5270.0	4979.3
22.5°	6755.4	6684.3	6599.5	6498.2	6375.1	6231.2	6064.3	5873.2	5656.8	5402.1	5111.3
20°	6817.1	6755.4	6674.9	6577.5	6461.7	6327.4	6164.6	5975.0	5759.6	5513.1	5230.0
17.5°	6856.7	6809.0	6738.3	6647.4	6534.3	6401.7	6245.8	6063.0	5852.4	5612.9	5336.6
15°	6883.4	6847.3	6785.1	6700.2	6594.8	6467.2	6318.0	6140.7	5931.6	5694.1	5419.7
12.5°	6890.0	6871.3	6824.8	6746.6	6645.2	6520.0	6372.8	6198.3	5993.7	5759.2	5489.4
10°	6893.9	6884.8	6847.7	6777.3	6680.9	6560.6	6416.5	6246.2	6045.3	5813.3	5547.2
7.5°	6891.0	6889.0	6862.6	6801.8	6709.3	6592.8	6451.1	6284.0	6085.9	5855.8	5592.6
5°	6888.9	6892.1	6873.6	6819.7	6730.0	6616.2	6476.1	6311.4	6115.2	5886.4	5625.2
2.5°	6887.5	6894.0	6880.3	6830.6	6742.6	6630.4	6491.2	6327.9	6132.9	5904.8	5644.9
0°	6887.1	6894.6	6882.5	6834.3	6746.8	6635.1	6496.3	6333.4	6138.8	5911.0	5651.5
-2.5°	6887.5	6894.0	6880.3	6830.6	6742.6	6630.4	6491.2	6327.9	6132.9	5904.8	5644.9
-5°	6888.9	6892.1	6873.6	6819.7	6730.0	6616.2	6476.1	6311.4	6115.2	5886.4	5625.2
-7.5°	6891.0	6889.0	6862.6	6801.8	6709.3	6592.8	6451.1	6284.0	6085.9	5855.8	5592.6
-10°	6893.9	6884.8	6847.7	6777.3	6680.9	6560.6	6416.5	6246.2	6045.3	5813.3	5547.2
-12.5°	6890.0	6871.3	6824.8	6746.6	6645.2	6520.0	6372.8	6198.3	5993.7	5759.2	5489.4
-15°	6883.4	6847.3	6785.1	6700.2	6594.8	6467.2	6318.0	6140.7	5931.6	5694.1	5419.7
-17.5°	6856.7	6809.0	6738.3	6647.4	6534.3	6401.7	6245.8	6063.0	5852.4	5612.9	5336.6
-20°	6817.1	6755.4	6674.9	6577.5	6461.7	6327.4	6164.6	5975.0	5759.6	5513.1	5230.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645466 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-727-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6755.4	6684.3	6599.5	6498.2	6375.1	6231.2	6064.3	5873.2	5656.8	5402.1	5111.3
-25°	6674.9	6599.5	6508.8	6398.9	6271.9	6125.2	5950.8	5752.6	5527.1	5270.0	4979.3
-27.5°	6577.5	6498.2	6398.9	6285.6	6153.6	5995.4	5817.8	5618.4	5386.4	5118.5	4826.2
-30°	6461.7	6375.1	6271.9	6153.6	6010.4	5850.8	5670.9	5458.1	5218.8	4952.8	4662.2
-32.5°	6327.4	6231.2	6125.2	5995.4	5850.8	5687.0	5494.4	5279.8	5035.5	4766.3	4473.3
-35°	6164.6	6064.3	5950.8	5817.8	5670.9	5494.4	5300.2	5075.4	4829.5	4564.3	4269.6
-37.5°	5975.0	5873.2	5752.6	5618.4	5458.1	5279.8	5075.4	4850.8	4610.3	4336.9	4040.3
-40°	5759.6	5656.8	5527.1	5386.4	5218.8	5035.5	4829.5	4610.3	4359.5	4089.3	3793.8
-42.5°	5513.1	5402.1	5270.0	5118.5	4952.8	4766.3	4564.3	4336.9	4089.3	3818.0	3512.1
-45°	5230.0	5111.3	4979.3	4826.2	4662.2	4473.3	4269.6	4040.3	3793.8	3512.1	3213.5
-47.5°	4911.6	4792.3	4661.3	4507.9	4338.8	4153.9	3943.2	3719.7	3458.5	3185.9	2891.9
-50°	4565.3	4443.3	4309.0	4158.8	3984.9	3799.5	3585.6	3352.3	3103.4	2837.5	2565.0
-52.5°	4183.3	4058.8	3921.6	3772.3	3595.0	3400.9	3194.2	2967.3	2729.5	2487.1	2237.5
-55°	3759.8	3633.4	3491.0	3335.7	3166.1	2978.6	2779.5	2572.3	2358.5	2135.3	1935.0
-57.5°	3281.6	3161.2	3024.8	2875.8	2715.0	2546.3	2368.6	2180.9	2004.2	1826.6	1648.9
-60°	2779.5	2667.0	2546.3	2414.6	2272.1	2121.0	1980.9	1832.8	1677.0	1550.0	1418.5
-62.5°	2284.1	2185.4	2083.8	1980.9	1869.6	1750.0	1634.1	1529.8	1420.0	1307.2	1207.0
-65°	1838.0	1761.6	1677.0	1604.5	1526.9	1443.6	1354.7	1270.1	1187.3	1100.4	1012.4
-67.5°	1471.2	1418.5	1360.2	1300.0	1242.3	1180.1	1113.8	1043.5	980.5	918.9	854.5
-70°	1170.4	1131.8	1088.9	1041.9	997.6	954.2	907.8	858.6	806.7	760.9	717.5
-72.5°	921.3	894.7	865.3	832.9	797.9	767.0	736.3	703.7	669.2	633.0	597.0
-75°	723.2	706.0	686.9	666.0	643.2	618.7	594.7	570.1	544.2	516.9	488.3
-77.5°	563.0	550.4	536.5	521.2	504.5	486.6	467.4	446.7	424.1	400.3	375.4
-80°	414.1	403.6	391.9	379.2	365.3	350.3	334.3	317.2	299.2	281.1	263.0
-82.5°	262.5	255.4	247.5	238.8	229.4	219.2	208.3	196.7	184.4	171.5	158.0
-85°	127.9	124.6	121.0	117.1	112.8	108.1	103.1	97.8	92.2	86.3	80.1
-87.5°	35.4	34.8	34.2	33.4	32.6	31.8	30.9	29.9	28.9	27.8	26.7
-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: P645466 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-727-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°	25.5	24.2	22.9	21.6	20.3	18.8	17.4	15.9	14.4	12.9	11.3
85°	73.6	66.9	59.9	52.7	45.3	37.7	34.8	31.8	28.8	25.8	22.6
82.5°	143.8	132.6	122.1	111.3	100.1	88.7	76.9	64.9	52.6	40.1	33.9
80°	244.1	224.5	204.1	183.1	161.4	139.5	123.8	107.8	91.5	74.8	57.9
77.5°	349.4	322.4	294.4	267.7	240.6	212.8	184.3	155.1	130.1	109.3	88.2
75°	458.5	426.3	392.6	357.9	322.2	285.8	251.7	216.8	181.2	145.0	118.3
72.5°	562.1	526.0	488.5	449.6	407.9	365.2	321.4	277.8	236.4	194.3	151.5
70°	672.2	625.2	580.7	536.5	491.1	444.0	394.0	343.0	291.1	243.0	194.3
67.5°	787.8	734.9	680.2	623.8	571.2	518.8	465.3	408.5	350.3	291.1	236.4
65°	937.7	860.4	782.5	719.8	655.5	592.1	532.7	472.2	408.5	343.0	277.8
62.5°	1103.0	1001.0	913.0	822.5	743.8	671.4	599.1	532.7	465.3	394.0	321.4
60°	1288.2	1170.4	1049.0	944.8	843.6	751.8	671.4	592.1	518.8	444.0	365.2
57.5°	1500.7	1347.6	1211.2	1076.1	955.5	843.6	743.8	655.5	571.2	491.1	407.9
55°	1728.0	1550.4	1380.5	1224.9	1076.1	944.8	822.5	719.8	623.8	536.5	449.6
52.5°	2000.5	1771.4	1567.0	1380.5	1211.2	1049.0	913.0	782.5	680.2	580.7	488.5
50°	2289.0	2022.5	1771.4	1550.4	1347.6	1170.4	1001.0	860.4	734.9	625.2	526.0
47.5°	2591.1	2289.0	2000.5	1728.0	1500.7	1288.2	1103.0	937.7	787.8	672.2	562.1
45°	2891.9	2565.0	2237.5	1935.0	1648.9	1418.5	1207.0	1012.4	854.5	717.5	597.0
42.5°	3185.9	2837.5	2487.1	2135.3	1826.6	1550.0	1307.2	1100.4	918.9	760.9	633.0
40°	3458.5	3103.4	2729.5	2358.5	2004.2	1677.0	1420.0	1187.3	980.5	806.7	669.2
37.5°	3719.7	3352.3	2967.3	2572.3	2180.9	1832.8	1529.8	1270.1	1043.5	858.6	703.7
35°	3943.2	3585.6	3194.2	2779.5	2368.6	1980.9	1634.1	1354.7	1113.8	907.8	736.3
32.5°	4153.9	3799.5	3400.9	2978.6	2546.3	2121.0	1750.0	1443.6	1180.1	954.2	767.0
30°	4338.8	3984.9	3595.0	3166.1	2715.0	2272.1	1869.6	1526.9	1242.3	997.6	797.9
27.5°	4507.9	4158.8	3772.3	3335.7	2875.8	2414.6	1980.9	1604.5	1300.0	1041.9	832.9
25°	4661.3	4309.0	3921.6	3491.0	3024.8	2546.3	2083.8	1677.0	1360.2	1088.9	865.3
22.5°	4792.3	4443.3	4058.8	3633.4	3161.2	2667.0	2185.4	1761.6	1418.5	1131.8	894.7
20°	4911.6	4565.3	4183.3	3759.8	3281.6	2779.5	2284.1	1838.0	1471.2	1170.4	921.3
17.5°	5017.2	4669.5	4285.6	3861.8	3386.9	2879.7	2372.0	1906.0	1517.9	1204.8	944.8
15°	5103.7	4756.0	4373.7	3951.1	3479.1	2967.3	2448.8	1965.3	1558.8	1234.7	965.4
12.5°	5177.9	4830.0	4448.9	4027.4	3557.7	3041.9	2514.2	2015.8	1593.5	1260.2	982.9
10°	5239.2	4891.2	4511.0	4090.2	3622.4	3103.4	2568.0	2057.4	1622.0	1281.2	997.2
7.5°	5287.3	4939.1	4559.6	4139.4	3673.0	3151.4	2610.0	2089.8	1644.3	1297.5	1008.4
5°	5321.9	4973.5	4594.6	4174.8	3709.4	3185.9	2640.1	2113.1	1660.3	1309.2	1016.5
2.5°	5342.7	4994.3	4615.6	4196.0	3731.2	3206.6	2658.3	2127.0	1669.9	1316.3	1021.3
0°	5349.7	5001.2	4622.6	4203.1	3738.5	3213.5	2664.3	2131.7	1673.1	1318.6	1022.9
-2.5°	5342.7	4994.3	4615.6	4196.0	3731.2	3206.6	2658.3	2127.0	1669.9	1316.3	1021.3
-5°	5321.9	4973.5	4594.6	4174.8	3709.4	3185.9	2640.1	2113.1	1660.3	1309.2	1016.5
-7.5°	5287.3	4939.1	4559.6	4139.4	3673.0	3151.4	2610.0	2089.8	1644.3	1297.5	1008.4
-10°	5239.2	4891.2	4511.0	4090.2	3622.4	3103.4	2568.0	2057.4	1622.0	1281.2	997.2
-12.5°	5177.9	4830.0	4448.9	4027.4	3557.7	3041.9	2514.2	2015.8	1593.5	1260.2	982.9
-15°	5103.7	4756.0	4373.7	3951.1	3479.1	2967.3	2448.8	1965.3	1558.8	1234.7	965.4
-17.5°	5017.2	4669.5	4285.6	3861.8	3386.9	2879.7	2372.0	1906.0	1517.9	1204.8	944.8
-20°	4911.6	4565.3	4183.3	3759.8	3281.6	2779.5	2284.1	1838.0	1471.2	1170.4	921.3



REPORT NUMBER: P645466 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-727-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°	4792.3	4443.3	4058.8	3633.4	3161.2	2667.0	2185.4	1761.6	1418.5	1131.8	894.7
-25°	4661.3	4309.0	3921.6	3491.0	3024.8	2546.3	2083.8	1677.0	1360.2	1088.9	865.3
-27.5°	4507.9	4158.8	3772.3	3335.7	2875.8	2414.6	1980.9	1604.5	1300.0	1041.9	832.9
-30°	4338.8	3984.9	3595.0	3166.1	2715.0	2272.1	1869.6	1526.9	1242.3	997.6	797.9
-32.5°	4153.9	3799.5	3400.9	2978.6	2546.3	2121.0	1750.0	1443.6	1180.1	954.2	767.0
-35°	3943.2	3585.6	3194.2	2779.5	2368.6	1980.9	1634.1	1354.7	1113.8	907.8	736.3
-37.5°	3719.7	3352.3	2967.3	2572.3	2180.9	1832.8	1529.8	1270.1	1043.5	858.6	703.7
-40°	3458.5	3103.4	2729.5	2358.5	2004.2	1677.0	1420.0	1187.3	980.5	806.7	669.2
-42.5°	3185.9	2837.5	2487.1	2135.3	1826.6	1550.0	1307.2	1100.4	918.9	760.9	633.0
-45°	2891.9	2565.0	2237.5	1935.0	1648.9	1418.5	1207.0	1012.4	854.5	717.5	597.0
-47.5°	2591.1	2289.0	2000.5	1728.0	1500.7	1288.2	1103.0	937.7	787.8	672.2	562.1
-50°	2289.0	2022.5	1771.4	1550.4	1347.6	1170.4	1001.0	860.4	734.9	625.2	526.0
-52.5°	2000.5	1771.4	1567.0	1380.5	1211.2	1049.0	913.0	782.5	680.2	580.7	488.5
-55°	1728.0	1550.4	1380.5	1224.9	1076.1	944.8	822.5	719.8	623.8	536.5	449.6
-57.5°	1500.7	1347.6	1211.2	1076.1	955.5	843.6	743.8	655.5	571.2	491.1	407.9
-60°	1288.2	1170.4	1049.0	944.8	843.6	751.8	671.4	592.1	518.8	444.0	365.2
-62.5°	1103.0	1001.0	913.0	822.5	743.8	671.4	599.1	532.7	465.3	394.0	321.4
-65°	937.7	860.4	782.5	719.8	655.5	592.1	532.7	472.2	408.5	343.0	277.8
-67.5°	787.8	734.9	680.2	623.8	571.2	518.8	465.3	408.5	350.3	291.1	236.4
-70°	672.2	625.2	580.7	536.5	491.1	444.0	394.0	343.0	291.1	243.0	194.3
-72.5°	562.1	526.0	488.5	449.6	407.9	365.2	321.4	277.8	236.4	194.3	151.5
-75°	458.5	426.3	392.6	357.9	322.2	285.8	251.7	216.8	181.2	145.0	118.3
-77.5°	349.4	322.4	294.4	267.7	240.6	212.8	184.3	155.1	130.1	109.3	88.2
-80°	244.1	224.5	204.1	183.1	161.4	139.5	123.8	107.8	91.5	74.8	57.9
-82.5°	143.8	132.6	122.1	111.3	100.1	88.7	76.9	64.9	52.6	40.1	33.9
-85°	73.6	66.9	59.9	52.7	45.3	37.7	34.8	31.8	28.8	25.8	22.6
-87.5°	25.5	24.2	22.9	21.6	20.3	18.8	17.4	15.9	14.4	12.9	11.3
-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: P645466 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-727-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°	9.8	8.2	6.5	4.9	3.3	1.6	0.0
85°	19.5	16.3	13.1	9.8	6.6	3.3	0.0
82.5°	29.2	24.4	19.6	14.7	9.8	4.9	0.0
80°	40.8	32.5	26.1	19.6	13.1	6.5	0.0
77.5°	66.9	45.3	32.5	24.4	16.3	8.2	0.0
75°	92.7	66.9	40.8	29.2	19.5	9.8	0.0
72.5°	118.3	88.2	57.9	33.9	22.6	11.3	0.0
70°	145.0	109.3	74.8	40.1	25.8	12.9	0.0
67.5°	181.2	130.1	91.5	52.6	28.8	14.4	0.0
65°	216.8	155.1	107.8	64.9	31.8	15.9	0.0
62.5°	251.7	184.3	123.8	76.9	34.8	17.4	0.0
60°	285.8	212.8	139.5	88.7	37.7	18.8	0.0
57.5°	322.2	240.6	161.4	100.1	45.3	20.3	0.0
55°	357.9	267.7	183.1	111.3	52.7	21.6	0.0
52.5°	392.6	294.4	204.1	122.1	59.9	22.9	0.0
50°	426.3	322.4	224.5	132.6	66.9	24.2	0.0
47.5°	458.5	349.4	244.1	143.8	73.6	25.5	0.0
45°	488.3	375.4	263.0	158.0	80.1	26.7	0.0
42.5°	516.9	400.3	281.1	171.5	86.3	27.8	0.0
40°	544.2	424.1	299.2	184.4	92.2	28.9	0.0
37.5°	570.1	446.7	317.2	196.7	97.8	29.9	0.0
35°	594.7	467.4	334.3	208.3	103.1	30.9	0.0
32.5°	618.7	486.6	350.3	219.2	108.1	31.8	0.0
30°	643.2	504.5	365.3	229.4	112.8	32.6	0.0
27.5°	666.0	521.2	379.2	238.8	117.1	33.4	0.0
25°	686.9	536.5	391.9	247.5	121.0	34.2	0.0
22.5°	706.0	550.4	403.6	255.4	124.6	34.8	0.0
20°	723.2	563.0	414.1	262.5	127.9	35.4	0.0
17.5°	738.5	574.1	423.4	268.8	130.8	36.0	0.0
15°	751.8	583.9	431.5	274.3	133.3	36.4	0.0
12.5°	763.1	592.1	438.4	279.0	135.4	36.8	0.0
10°	772.4	598.9	444.0	282.9	137.2	37.1	0.0
7.5°	779.7	604.2	448.4	285.8	138.5	37.4	0.0
5°	784.8	608.0	451.6	288.0	139.5	37.6	0.0
2.5°	788.0	610.2	453.5	289.3	140.1	37.7	0.0
0°	789.0	611.0	454.1	289.7	140.3	37.7	0.0
-2.5°	788.0	610.2	453.5	289.3	140.1	37.7	0.0
-5°	784.8	608.0	451.6	288.0	139.5	37.6	0.0
-7.5°	779.7	604.2	448.4	285.8	138.5	37.4	0.0
-10°	772.4	598.9	444.0	282.9	137.2	37.1	0.0
-12.5°	763.1	592.1	438.4	279.0	135.4	36.8	0.0
-15°	751.8	583.9	431.5	274.3	133.3	36.4	0.0
-17.5°	738.5	574.1	423.4	268.8	130.8	36.0	0.0
-20°	723.2	563.0	414.1	262.5	127.9	35.4	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645466 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-727-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	706.0	550.4	403.6	255.4	124.6	34.8	0.0
-25°	686.9	536.5	391.9	247.5	121.0	34.2	0.0
-27.5°	666.0	521.2	379.2	238.8	117.1	33.4	0.0
-30°	643.2	504.5	365.3	229.4	112.8	32.6	0.0
-32.5°	618.7	486.6	350.3	219.2	108.1	31.8	0.0
-35°	594.7	467.4	334.3	208.3	103.1	30.9	0.0
-37.5°	570.1	446.7	317.2	196.7	97.8	29.9	0.0
-40°	544.2	424.1	299.2	184.4	92.2	28.9	0.0
-42.5°	516.9	400.3	281.1	171.5	86.3	27.8	0.0
-45°	488.3	375.4	263.0	158.0	80.1	26.7	0.0
-47.5°	458.5	349.4	244.1	143.8	73.6	25.5	0.0
-50°	426.3	322.4	224.5	132.6	66.9	24.2	0.0
-52.5°	392.6	294.4	204.1	122.1	59.9	22.9	0.0
-55°	357.9	267.7	183.1	111.3	52.7	21.6	0.0
-57.5°	322.2	240.6	161.4	100.1	45.3	20.3	0.0
-60°	285.8	212.8	139.5	88.7	37.7	18.8	0.0
-62.5°	251.7	184.3	123.8	76.9	34.8	17.4	0.0
-65°	216.8	155.1	107.8	64.9	31.8	15.9	0.0
-67.5°	181.2	130.1	91.5	52.6	28.8	14.4	0.0
-70°	145.0	109.3	74.8	40.1	25.8	12.9	0.0
-72.5°	118.3	88.2	57.9	33.9	22.6	11.3	0.0
-75°	92.7	66.9	40.8	29.2	19.5	9.8	0.0
-77.5°	66.9	45.3	32.5	24.4	16.3	8.2	0.0
-80°	40.8	32.5	26.1	19.6	13.1	6.5	0.0
-82.5°	29.2	24.4	19.6	14.7	9.8	4.9	0.0
-85°	19.5	16.3	13.1	9.8	6.6	3.3	0.0
-87.5°	9.8	8.2	6.5	4.9	3.3	1.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)