

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: P627675 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA5D-727-U-MR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627675 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5D-727-U-MR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N112
Light Source: (80) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 32805 lumens
Efficiency: N/A
Efficacy: 120.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 104997.9 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 28.8°H x 29°V
Beam Lumens: 15949.3 lumens
Beam Efficiency: 48.6%

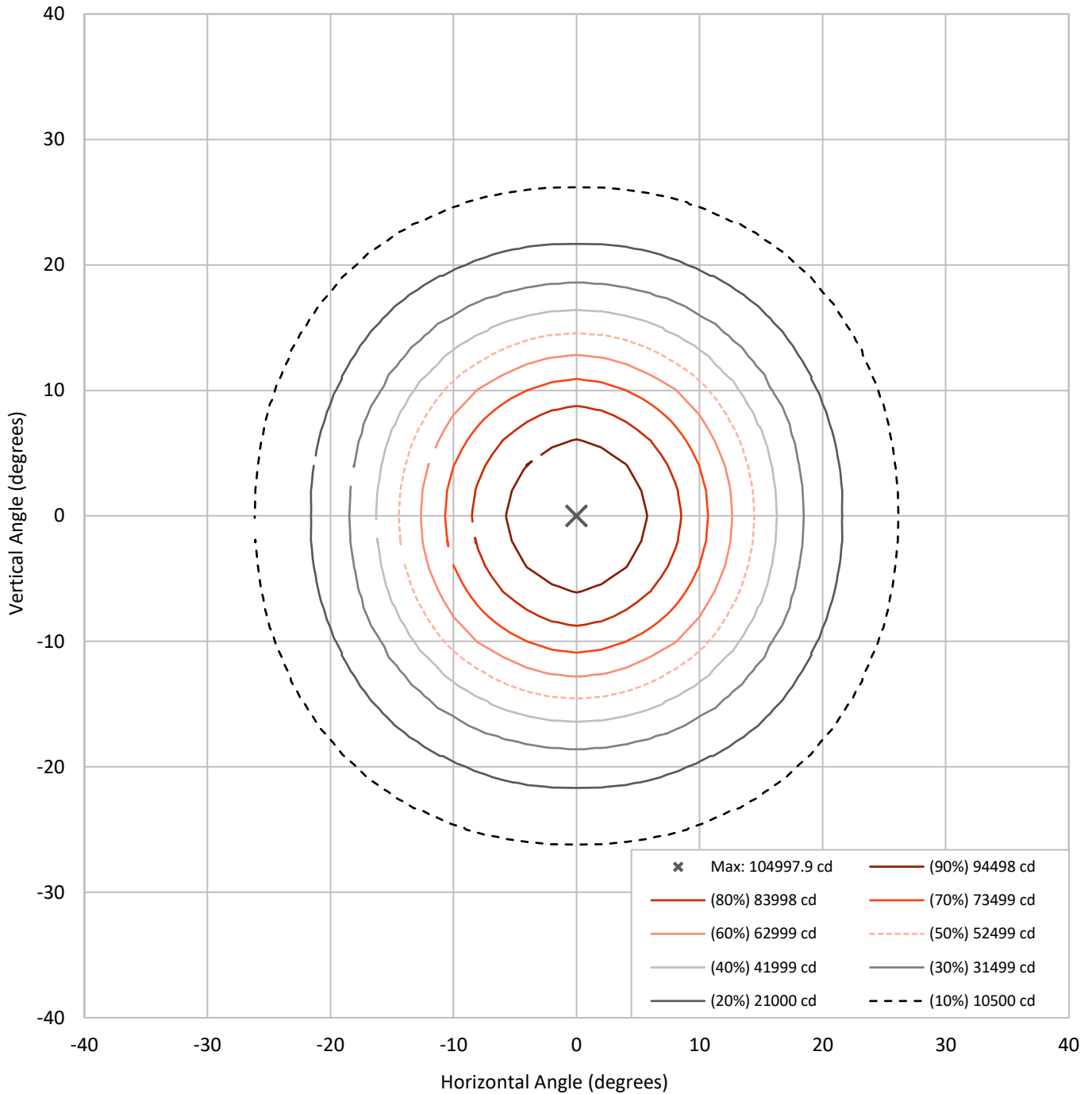
Field Angle (10%): 52.3°H x 52.3°V
Field Lumens: 26916 lumens
Field Efficiency: 82.0%

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: P627675 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-727-U-MR-XX

Iso-Candela Plot





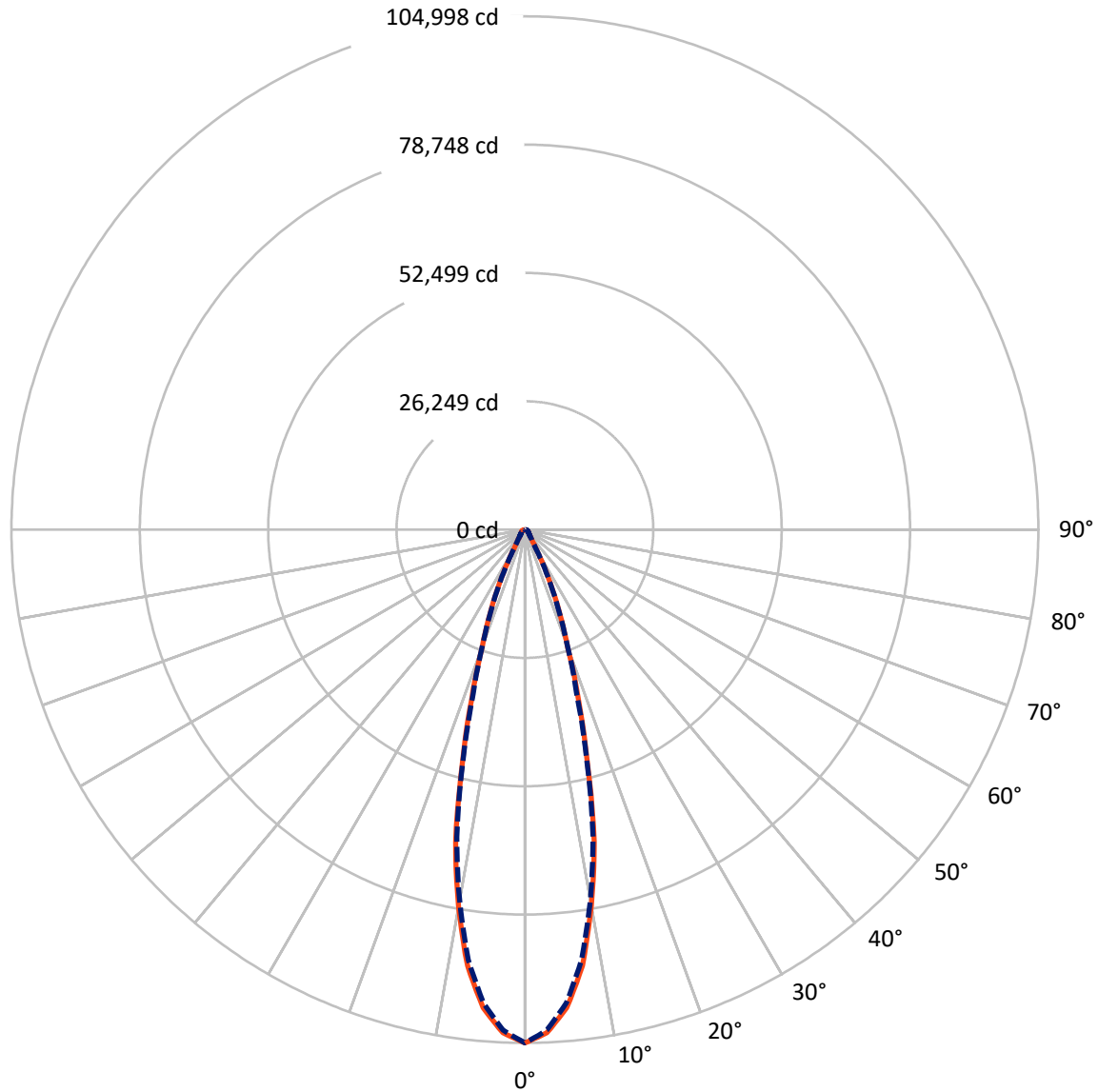
REPORT NUMBER: P627675 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-727-U-MR-XX

Lumen Table

90	0.6	5.4	14.3	22.5	25.0	22.5	14.3	5.4	0.6										
80	0.6	5.4	14.3	22.5	25.0	22.5	14.3	5.4	0.6										
70	2.5	2.8	5.7	9.3	13.0	15.9	17.7	18.6	18.6	17.7	15.9	13.0	9.3	5.7	2.8	2.5			
60		4.2	8.5	13.7	18.3	22.6	25.3	26.2	26.2	25.3	22.6	18.3	13.7	8.5	4.2				
50	4.3	5.4	10.9	16.9	22.5	28.4	33.4	35.9	35.9	33.4	28.4	22.5	16.9	10.9	5.4	4.3			
40		6.3	12.7	19.5	27.5	39.3	56.9	73.9	73.9	56.9	39.3	27.5	19.5	12.7	6.3				
30	5.5	7.1	14.0	21.9	35.3	76.7	215.9	382.9	382.9	215.9	76.7	35.3	21.9	14.0	7.1	5.5			
20		7.6	14.6	23.9	48.1	201.3	717.6	1375.1	1375.1	717.6	201.3	48.1	23.9	14.6	7.6				
10	6.0	7.9	14.9	25.1	61.0	347.5	1328.2	2612.6	2612.6	1328.2	347.5	61.0	25.1	14.9	7.9	6.0			
0		7.9	14.9	25.1	61.0	347.5	1328.2	2612.6	2612.6	1328.2	347.5	61.0	25.1	14.9	7.9				
-10	5.5	7.6	14.6	23.9	48.1	201.3	717.6	1375.1	1375.1	717.6	201.3	48.1	23.9	14.6	7.6	5.5			
-20		7.1	14.0	21.9	35.3	76.7	215.9	382.9	382.9	215.9	76.7	35.3	21.9	14.0	7.1				
-30	4.3	6.3	12.7	19.5	27.5	39.3	56.9	73.9	73.9	56.9	39.3	27.5	19.5	12.7	6.3	4.3			
-40		5.4	10.9	16.9	22.5	28.4	33.4	35.9	35.9	33.4	28.4	22.5	16.9	10.9	5.4				
-50	2.5	4.2	8.5	13.7	18.3	22.6	25.3	26.2	26.2	25.3	22.6	18.3	13.7	8.5	4.2	2.5			
-60		2.8	5.7	9.3	13.0	15.9	17.7	18.6	18.6	17.7	15.9	13.0	9.3	5.7	2.8				
-70	0.6	5.4	14.3	22.5	25.0	22.5	14.3	5.4	0.6										
-80		0.6	5.4	14.3	22.5	25.0	22.5	14.3	5.4	0.6									
-90	0.6	5.4	14.3	22.5	25.0	22.5	14.3	5.4	0.6										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P627675 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-727-U-MR-XX

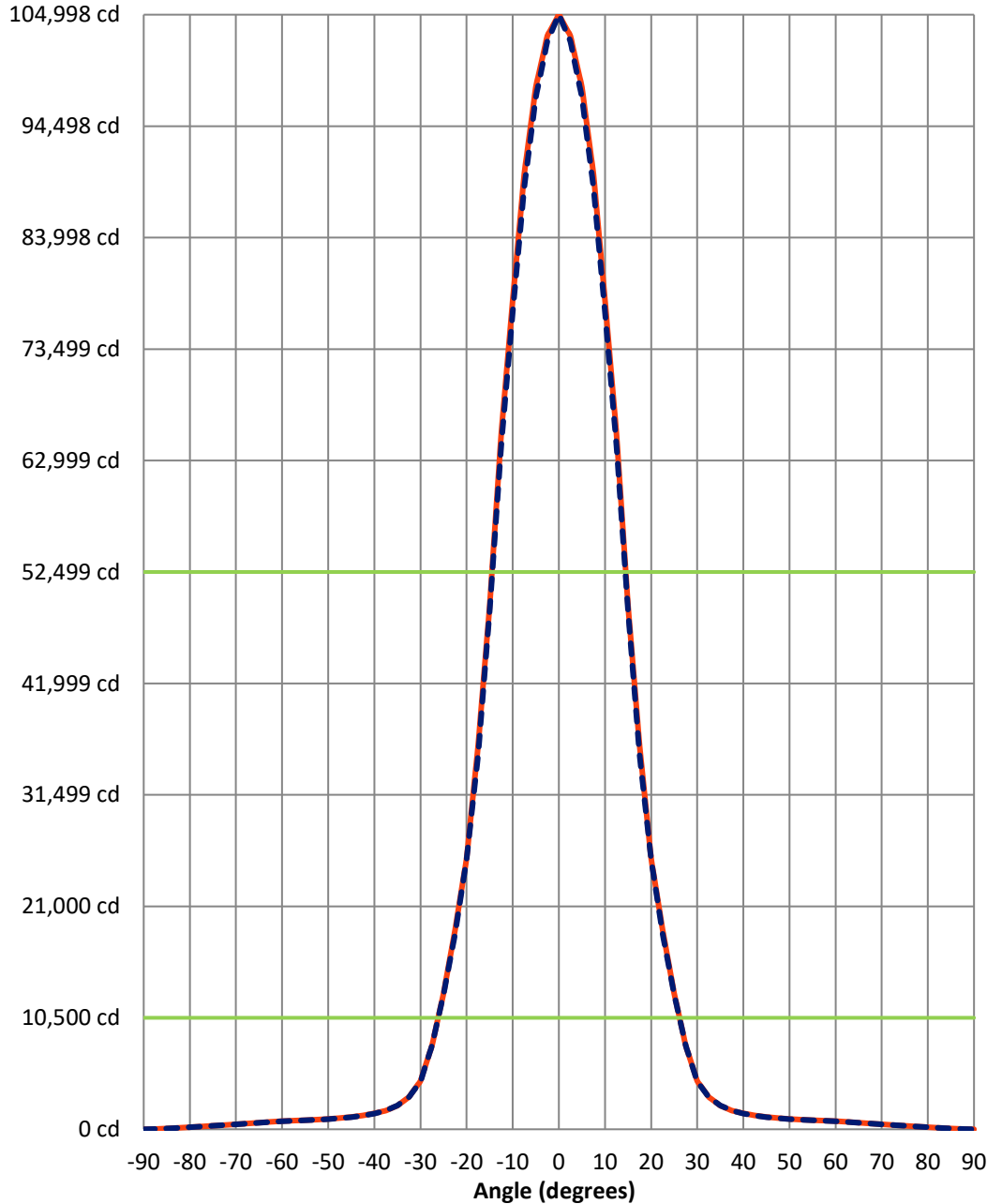
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P627675 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-727-U-MR-XX

Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 15949.3
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 26916
 Efficiency: 82.0%

Spill:
 Lumens: 5889
 Efficiency: 18.0%

— Vertical Distribution through 0-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: P627675 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-727-U-MR-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	1.2	2.4	3.5	4.7	5.8	7.0	8.1	9.2	10.3	11.4
85°	0.0	2.4	4.7	7.0	9.4	11.7	14.0	16.2	18.4	20.6	22.8
82.5°	0.0	3.5	7.0	10.5	14.0	17.5	20.9	24.3	28.2	34.6	41.2
80°	0.0	4.7	9.4	14.0	18.7	23.3	28.4	36.6	45.2	54.2	63.7
77.5°	0.0	5.8	11.7	17.5	23.3	30.5	40.4	50.9	62.0	73.7	86.6
75°	0.0	7.0	14.0	20.9	28.4	40.4	52.3	65.0	79.0	95.3	111.4
72.5°	0.0	8.1	16.2	24.3	36.3	50.2	64.0	79.8	98.8	117.6	136.0
70°	0.0	9.2	18.4	28.1	44.0	59.9	76.0	97.0	118.4	139.6	162.5
67.5°	0.0	10.3	20.6	33.8	51.7	69.4	90.7	114.0	137.8	163.6	189.1
65°	0.0	11.4	22.8	39.5	59.2	80.1	105.2	130.6	158.8	187.3	215.9
62.5°	0.0	12.5	24.9	45.0	66.5	92.0	119.4	148.2	179.5	210.7	243.5
60°	0.0	13.5	27.0	50.4	73.7	103.5	133.2	165.9	199.7	234.5	270.4
57.5°	0.0	14.5	30.5	55.7	82.7	114.8	147.8	183.2	219.8	257.5	296.9
55°	0.0	15.5	33.9	60.8	91.5	125.8	162.0	200.0	239.3	280.0	322.9
52.5°	0.0	16.4	37.2	65.8	100.0	136.6	175.7	216.3	257.9	302.7	348.1
50°	0.0	17.4	40.4	70.6	108.3	147.5	188.9	232.1	276.3	324.7	371.5
47.5°	0.0	18.2	43.5	75.5	116.3	157.9	201.5	247.3	295.1	345.9	393.6
45°	0.0	19.1	46.5	81.3	123.9	167.8	214.0	261.9	313.3	364.6	414.5
42.5°	0.0	19.9	49.3	86.8	131.3	177.2	226.0	276.5	330.5	382.2	433.8
40°	0.0	20.7	52.0	92.0	138.4	186.1	237.4	290.7	346.3	398.8	452.0
37.5°	0.0	21.4	54.6	96.8	145.1	194.5	248.2	303.9	360.4	414.7	469.2
35°	0.0	22.1	57.0	101.3	151.4	202.7	258.3	316.3	373.6	429.6	485.3
32.5°	0.0	22.8	59.3	105.5	157.3	210.6	268.0	327.7	386.0	443.6	501.0
30°	0.0	23.4	61.5	109.3	162.7	218.0	277.1	338.1	397.5	456.6	515.6
27.5°	0.0	23.9	63.4	112.8	167.6	224.8	285.4	347.3	408.1	468.6	529.0
25°	0.0	24.5	65.3	115.9	172.2	231.1	293.0	355.7	417.7	479.6	541.3
22.5°	0.0	24.9	66.9	118.7	176.4	236.7	299.7	363.2	426.4	489.4	553.6
20°	0.0	25.4	68.4	121.1	180.2	241.6	305.6	369.9	434.1	498.1	564.6
17.5°	0.0	25.7	69.7	123.2	183.7	245.8	310.9	375.7	440.7	505.7	574.1
15°	0.0	26.1	70.9	124.9	186.7	249.3	315.8	381.0	446.4	512.2	582.2
12.5°	0.0	26.4	71.9	126.3	189.3	252.0	320.1	386.1	451.7	517.4	588.9
10°	0.0	26.6	72.7	127.3	191.5	254.2	323.6	390.2	456.5	523.7	595.1
7.5°	0.0	26.8	73.3	128.0	193.2	255.6	326.4	393.4	460.2	529.3	601.9
5°	0.0	26.9	73.7	128.4	194.5	256.4	328.5	395.7	462.9	533.8	607.2
2.5°	0.0	27.0	74.0	128.4	195.2	256.5	329.8	397.1	464.5	537.1	611.0
0°	0.0	27.0	74.1	128.1	195.5	256.1	330.2	397.6	465.0	539.2	613.3
-2.5°	0.0	27.0	74.0	128.4	195.2	256.5	329.8	397.1	464.5	537.1	611.0
-5°	0.0	26.9	73.7	128.4	194.5	256.4	328.5	395.7	462.9	533.8	607.2
-7.5°	0.0	26.8	73.3	128.0	193.2	255.6	326.4	393.4	460.2	529.3	601.9
-10°	0.0	26.6	72.7	127.3	191.5	254.2	323.6	390.2	456.5	523.7	595.1
-12.5°	0.0	26.4	71.9	126.3	189.3	252.0	320.1	386.1	451.7	517.4	588.9
-15°	0.0	26.1	70.9	124.9	186.7	249.3	315.8	381.0	446.4	512.2	582.2
-17.5°	0.0	25.7	69.7	123.2	183.7	245.8	310.9	375.7	440.7	505.7	574.1
-20°	0.0	25.4	68.4	121.1	180.2	241.6	305.6	369.9	434.1	498.1	564.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627675 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	24.9	66.9	118.7	176.4	236.7	299.7	363.2	426.4	489.4	553.6
-25°	0.0	24.5	65.3	115.9	172.2	231.1	293.0	355.7	417.7	479.6	541.3
-27.5°	0.0	23.9	63.4	112.8	167.6	224.8	285.4	347.3	408.1	468.6	529.0
-30°	0.0	23.4	61.5	109.3	162.7	218.0	277.1	338.1	397.5	456.6	515.6
-32.5°	0.0	22.8	59.3	105.5	157.3	210.6	268.0	327.7	386.0	443.6	501.0
-35°	0.0	22.1	57.0	101.3	151.4	202.7	258.3	316.3	373.6	429.6	485.3
-37.5°	0.0	21.4	54.6	96.8	145.1	194.5	248.2	303.9	360.4	414.7	469.2
-40°	0.0	20.7	52.0	92.0	138.4	186.1	237.4	290.7	346.3	398.8	452.0
-42.5°	0.0	19.9	49.3	86.8	131.3	177.2	226.0	276.5	330.5	382.2	433.8
-45°	0.0	19.1	46.5	81.3	123.9	167.8	214.0	261.9	313.3	364.6	414.5
-47.5°	0.0	18.2	43.5	75.5	116.3	157.9	201.5	247.3	295.1	345.9	393.6
-50°	0.0	17.4	40.4	70.6	108.3	147.5	188.9	232.1	276.3	324.7	371.5
-52.5°	0.0	16.4	37.2	65.8	100.0	136.6	175.7	216.3	257.9	302.7	348.1
-55°	0.0	15.5	33.9	60.8	91.5	125.8	162.0	200.0	239.3	280.0	322.9
-57.5°	0.0	14.5	30.5	55.7	82.7	114.8	147.8	183.2	219.8	257.5	296.9
-60°	0.0	13.5	27.0	50.4	73.7	103.5	133.2	165.9	199.7	234.5	270.4
-62.5°	0.0	12.5	24.9	45.0	66.5	92.0	119.4	148.2	179.5	210.7	243.5
-65°	0.0	11.4	22.8	39.5	59.2	80.1	105.2	130.6	158.8	187.3	215.9
-67.5°	0.0	10.3	20.6	33.8	51.7	69.4	90.7	114.0	137.8	163.6	189.1
-70°	0.0	9.2	18.4	28.1	44.0	59.9	76.0	97.0	118.4	139.6	162.5
-72.5°	0.0	8.1	16.2	24.3	36.3	50.2	64.0	79.8	98.8	117.6	136.0
-75°	0.0	7.0	14.0	20.9	28.4	40.4	52.3	65.0	79.0	95.3	111.4
-77.5°	0.0	5.8	11.7	17.5	23.3	30.5	40.4	50.9	62.0	73.7	86.6
-80°	0.0	4.7	9.4	14.0	18.7	23.3	28.4	36.6	45.2	54.2	63.7
-82.5°	0.0	3.5	7.0	10.5	14.0	17.5	20.9	24.3	28.2	34.6	41.2
-85°	0.0	2.4	4.7	7.0	9.4	11.7	14.0	16.2	18.4	20.6	22.8
-87.5°	0.0	1.2	2.4	3.5	4.7	5.8	7.0	8.1	9.2	10.3	11.4
-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: P627675 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-727-U-MR-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°	12.5	13.5	14.5	15.5	16.4	17.4	18.2	19.1	19.9	20.7	21.4
85°	24.9	27.0	31.0	34.9	38.7	42.3	45.9	49.3	52.5	55.6	58.6
82.5°	47.6	53.8	59.8	65.7	71.4	76.9	82.2	87.3	92.2	96.8	101.2
80°	72.3	80.5	88.8	96.4	103.9	111.3	118.4	125.2	131.7	138.7	146.1
77.5°	98.4	108.9	118.5	127.2	136.7	148.2	159.3	169.9	180.2	189.9	199.2
75°	125.2	137.2	150.4	163.4	177.0	190.8	204.2	217.0	229.6	242.5	255.3
72.5°	153.5	169.9	185.8	201.2	218.3	235.0	250.4	264.4	280.3	297.7	313.7
70°	183.6	202.4	222.4	242.2	261.6	280.2	299.3	318.5	337.8	356.6	374.6
67.5°	213.7	237.4	260.6	283.1	305.0	327.4	350.0	373.1	395.4	416.7	437.4
65°	245.9	272.4	298.2	323.4	347.9	375.2	401.9	427.7	455.9	482.1	504.9
62.5°	277.2	306.8	335.4	363.9	393.6	423.7	454.7	487.2	520.8	545.1	565.9
60°	307.3	340.7	372.5	405.2	438.3	472.3	508.0	542.6	573.3	599.8	621.8
57.5°	336.6	374.0	409.3	444.8	481.0	519.7	559.0	594.3	622.9	648.4	672.5
55°	365.1	406.5	444.0	481.8	523.0	568.4	608.5	640.5	669.8	690.8	713.9
52.5°	392.1	436.5	475.8	518.1	565.2	612.3	652.3	683.3	707.8	729.7	752.2
50°	418.0	462.6	506.2	554.4	604.1	651.4	691.8	720.3	745.0	767.8	789.4
47.5°	441.5	487.8	537.1	588.6	640.6	687.3	726.0	755.1	780.7	804.1	827.9
45°	463.6	513.4	565.8	622.2	675.5	721.7	756.9	788.1	812.8	839.1	868.9
42.5°	484.7	538.0	595.0	655.0	709.3	751.6	785.8	815.7	844.1	875.8	909.0
40°	505.5	561.0	622.6	685.6	741.0	777.7	812.0	843.7	876.4	912.2	948.5
37.5°	524.9	584.5	648.5	714.2	764.3	802.4	837.8	873.2	909.9	948.5	993.6
35°	542.7	606.2	673.1	736.7	784.8	826.4	864.4	902.7	943.9	991.0	1040.7
32.5°	560.1	625.9	696.1	755.8	803.7	848.0	889.9	933.2	980.3	1032.2	1089.1
30°	577.1	645.1	716.2	775.2	820.4	865.7	914.9	963.1	1015.5	1073.1	1139.9
27.5°	593.7	662.9	733.1	790.4	835.0	881.2	933.9	992.5	1049.8	1112.9	1190.3
25°	608.9	681.3	749.7	802.5	847.6	896.0	951.0	1013.5	1080.8	1155.9	1250.6
22.5°	623.2	697.9	765.5	812.8	858.1	908.9	968.1	1034.2	1107.4	1194.3	1310.1
20°	636.6	710.8	776.0	822.3	866.8	919.3	982.8	1052.5	1136.0	1241.5	1379.8
17.5°	648.3	721.7	783.2	830.0	875.9	929.9	995.5	1068.0	1161.9	1283.1	1446.8
15°	658.4	730.6	789.5	836.0	883.7	940.8	1008.4	1087.3	1190.2	1323.8	1504.7
12.5°	666.6	737.6	794.7	840.3	889.7	949.0	1019.4	1106.1	1218.5	1368.2	1582.7
10°	673.1	742.7	798.8	843.0	894.0	954.4	1028.1	1120.7	1241.4	1405.3	1649.4
7.5°	679.4	747.2	801.8	844.1	896.5	957.1	1034.1	1131.0	1258.1	1433.2	1702.7
5°	684.0	751.4	803.5	846.6	898.0	958.3	1038.2	1137.0	1268.6	1451.6	1740.3
2.5°	686.6	754.0	803.5	848.5	898.1	958.7	1043.0	1140.3	1280.2	1467.1	1761.7
0°	687.5	754.8	802.0	849.2	896.4	957.0	1044.7	1139.0	1287.3	1476.0	1765.8
-2.5°	686.6	754.0	803.5	848.5	898.1	958.7	1043.0	1140.3	1280.2	1467.1	1761.7
-5°	684.0	751.4	803.5	846.6	898.0	958.3	1038.2	1137.0	1268.6	1451.6	1740.3
-7.5°	679.4	747.2	801.8	844.1	896.5	957.1	1034.1	1131.0	1258.1	1433.2	1702.7
-10°	673.1	742.7	798.8	843.0	894.0	954.4	1028.1	1120.7	1241.4	1405.3	1649.4
-12.5°	666.6	737.6	794.7	840.3	889.7	949.0	1019.4	1106.1	1218.5	1368.2	1582.7
-15°	658.4	730.6	789.5	836.0	883.7	940.8	1008.4	1087.3	1190.2	1323.8	1504.7
-17.5°	648.3	721.7	783.2	830.0	875.9	929.9	995.5	1068.0	1161.9	1283.1	1446.8
-20°	636.6	710.8	776.0	822.3	866.8	919.3	982.8	1052.5	1136.0	1241.5	1379.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627675 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	623.2	697.9	765.5	812.8	858.1	908.9	968.1	1034.2	1107.4	1194.3	1310.1
-25°	608.9	681.3	749.7	802.5	847.6	896.0	951.0	1013.5	1080.8	1155.9	1250.6
-27.5°	593.7	662.9	733.1	790.4	835.0	881.2	933.9	992.5	1049.8	1112.9	1190.3
-30°	577.1	645.1	716.2	775.2	820.4	865.7	914.9	963.1	1015.5	1073.1	1139.9
-32.5°	560.1	625.9	696.1	755.8	803.7	848.0	889.9	933.2	980.3	1032.2	1089.1
-35°	542.7	606.2	673.1	736.7	784.8	826.4	864.4	902.7	943.9	991.0	1040.7
-37.5°	524.9	584.5	648.5	714.2	764.3	802.4	837.8	873.2	909.9	948.5	993.6
-40°	505.5	561.0	622.6	685.6	741.0	777.7	812.0	843.7	876.4	912.2	948.5
-42.5°	484.7	538.0	595.0	655.0	709.3	751.6	785.8	815.7	844.1	875.8	909.0
-45°	463.6	513.4	565.8	622.2	675.5	721.7	756.9	788.1	812.8	839.1	868.9
-47.5°	441.5	487.8	537.1	588.6	640.6	687.3	726.0	755.1	780.7	804.1	827.9
-50°	418.0	462.6	506.2	554.4	604.1	651.4	691.8	720.3	745.0	767.8	789.4
-52.5°	392.1	436.5	475.8	518.1	565.2	612.3	652.3	683.3	707.8	729.7	752.2
-55°	365.1	406.5	444.0	481.8	523.0	568.4	608.5	640.5	669.8	690.8	713.9
-57.5°	336.6	374.0	409.3	444.8	481.0	519.7	559.0	594.3	622.9	648.4	672.5
-60°	307.3	340.7	372.5	405.2	438.3	472.3	508.0	542.6	573.3	599.8	621.8
-62.5°	277.2	306.8	335.4	363.9	393.6	423.7	454.7	487.2	520.8	545.1	565.9
-65°	245.9	272.4	298.2	323.4	347.9	375.2	401.9	427.7	455.9	482.1	504.9
-67.5°	213.7	237.4	260.6	283.1	305.0	327.4	350.0	373.1	395.4	416.7	437.4
-70°	183.6	202.4	222.4	242.2	261.6	280.2	299.3	318.5	337.8	356.6	374.6
-72.5°	153.5	169.9	185.8	201.2	218.3	235.0	250.4	264.4	280.3	297.7	313.7
-75°	125.2	137.2	150.4	163.4	177.0	190.8	204.2	217.0	229.6	242.5	255.3
-77.5°	98.4	108.9	118.5	127.2	136.7	148.2	159.3	169.9	180.2	189.9	199.2
-80°	72.3	80.5	88.8	96.4	103.9	111.3	118.4	125.2	131.7	138.7	146.1
-82.5°	47.6	53.8	59.8	65.7	71.4	76.9	82.2	87.3	92.2	96.8	101.2
-85°	24.9	27.0	31.0	34.9	38.7	42.3	45.9	49.3	52.5	55.6	58.6
-87.5°	12.5	13.5	14.5	15.5	16.4	17.4	18.2	19.1	19.9	20.7	21.4
-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: P627675 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-727-U-MR-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°	22.1	22.8	23.4	23.9	24.5	24.9	25.4	25.7	26.1	26.4	26.6
85°	61.4	64.0	66.4	68.7	70.8	71.3	71.4	71.3	70.9	71.9	72.7
82.5°	105.4	110.2	114.9	119.7	124.3	126.0	127.2	128.1	128.6	130.5	132.0
80°	153.1	160.5	167.5	173.7	179.2	183.1	186.7	189.9	192.9	194.3	195.0
77.5°	208.5	217.6	226.0	233.9	241.1	246.9	251.5	255.3	258.1	260.0	261.2
75°	268.0	279.5	289.7	299.2	307.9	314.1	318.3	321.4	323.5	325.8	327.6
72.5°	328.3	341.3	353.5	364.9	374.9	381.9	386.9	390.8	393.8	396.1	397.2
70°	391.6	407.2	420.5	431.9	441.0	447.8	453.1	457.3	460.6	462.9	464.1
67.5°	457.1	473.7	486.3	496.3	504.4	511.6	518.2	523.0	526.3	529.5	533.0
65°	523.9	540.8	553.7	564.3	572.8	582.1	590.6	596.9	601.1	604.9	608.7
62.5°	586.6	605.9	620.7	634.6	648.7	662.0	669.7	675.6	679.8	683.6	688.0
60°	643.7	665.5	683.7	700.5	717.7	734.9	742.0	747.6	752.9	757.8	762.2
57.5°	694.4	717.5	739.6	756.2	772.7	788.8	799.9	806.0	810.1	812.4	814.3
55°	738.5	761.6	783.6	802.8	820.6	837.2	849.6	855.5	860.0	862.8	864.5
52.5°	778.0	802.7	826.3	847.6	866.8	884.6	900.1	908.3	915.0	919.7	921.2
50°	816.8	843.6	869.1	891.8	914.2	935.6	955.2	966.6	974.6	979.5	981.1
47.5°	857.3	886.3	913.9	940.3	965.7	991.1	1014.4	1029.9	1041.4	1049.9	1056.0
45°	899.4	930.7	961.2	992.3	1021.6	1054.3	1083.8	1106.4	1123.2	1137.7	1149.2
42.5°	941.9	977.0	1012.1	1052.2	1092.1	1129.2	1164.3	1194.4	1221.7	1248.6	1269.5
40°	988.0	1026.5	1074.5	1122.0	1171.2	1214.4	1265.6	1311.5	1353.6	1399.1	1436.7
37.5°	1038.5	1087.9	1144.7	1201.6	1265.6	1327.7	1399.3	1469.8	1531.1	1610.7	1674.6
35°	1093.4	1156.0	1223.0	1299.5	1382.0	1479.5	1579.6	1697.1	1796.8	1923.4	2040.2
32.5°	1154.6	1228.3	1315.2	1420.3	1531.8	1688.2	1834.9	2034.1	2204.3	2424.0	2663.9
30°	1216.8	1312.0	1430.4	1566.1	1754.5	1976.6	2235.4	2572.1	2936.3	3313.1	3820.3
27.5°	1290.6	1414.2	1562.1	1771.5	2053.4	2360.8	2888.1	3457.4	4250.7	4878.6	5997.0
25°	1370.1	1523.1	1741.4	2045.1	2434.6	3056.6	3946.6	4977.3	6564.6	7976.4	9598.9
22.5°	1464.2	1672.0	1961.1	2358.7	3037.8	4107.8	5497.1	7613.7	9966.7	12288.9	14411.5
20°	1563.9	1814.9	2219.1	2866.8	3916.3	5463.5	7942.3	10966.8	14090.4	17273.0	19955.0
17.5°	1680.3	2021.1	2553.6	3413.8	4911.1	7560.0	10871.0	14716.8	18797.7	22858.8	26386.3
15°	1780.3	2201.3	2918.4	4206.8	6439.7	9753.0	13822.3	18679.4	23811.3	29081.7	34793.9
12.5°	1907.8	2418.6	3294.3	4862.5	7795.9	12102.4	17081.6	22720.8	28987.5	35985.4	44890.6
10°	2024.9	2646.5	3788.8	5913.1	9426.2	14297.1	19896.9	26294.8	34423.3	44939.3	55681.1
7.5°	2118.7	2827.2	4172.3	6732.8	10793.3	16171.9	22431.9	30102.6	40243.5	52765.7	65038.9
5°	2184.0	2952.5	4446.7	7352.3	11893.1	17604.8	24230.8	32909.6	45149.3	59172.0	71703.8
2.5°	2224.9	3021.0	4581.0	7720.1	12610.5	18467.1	25353.2	34693.5	48156.2	63250.1	75938.1
0°	2244.3	3032.9	4495.4	7898.9	12711.1	18406.1	25455.9	35289.1	48869.6	64357.5	76994.4
-2.5°	2224.9	3021.0	4581.0	7720.1	12610.5	18467.1	25353.2	34693.5	48156.2	63250.1	75938.1
-5°	2184.0	2952.5	4446.7	7352.3	11893.1	17604.8	24230.8	32909.6	45149.3	59172.0	71703.8
-7.5°	2118.7	2827.2	4172.3	6732.8	10793.3	16171.9	22431.9	30102.6	40243.5	52765.7	65038.9
-10°	2024.9	2646.5	3788.8	5913.1	9426.2	14297.1	19896.9	26294.8	34423.3	44939.3	55681.1
-12.5°	1907.8	2418.6	3294.3	4862.5	7795.9	12102.4	17081.6	22720.8	28987.5	35985.4	44890.6
-15°	1780.3	2201.3	2918.4	4206.8	6439.7	9753.0	13822.3	18679.4	23811.3	29081.7	34793.9
-17.5°	1680.3	2021.1	2553.6	3413.8	4911.1	7560.0	10871.0	14716.8	18797.7	22858.8	26386.3
-20°	1563.9	1814.9	2219.1	2866.8	3916.3	5463.5	7942.3	10966.8	14090.4	17273.0	19955.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627675 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1464.2	1672.0	1961.1	2358.7	3037.8	4107.8	5497.1	7613.7	9966.7	12288.9	14411.5
-25°	1370.1	1523.1	1741.4	2045.1	2434.6	3056.6	3946.6	4977.3	6564.6	7976.4	9598.9
-27.5°	1290.6	1414.2	1562.1	1771.5	2053.4	2360.8	2888.1	3457.4	4250.7	4878.6	5997.0
-30°	1216.8	1312.0	1430.4	1566.1	1754.5	1976.6	2235.4	2572.1	2936.3	3313.1	3820.3
-32.5°	1154.6	1228.3	1315.2	1420.3	1531.8	1688.2	1834.9	2034.1	2204.3	2424.0	2663.9
-35°	1093.4	1156.0	1223.0	1299.5	1382.0	1479.5	1579.6	1697.1	1796.8	1923.4	2040.2
-37.5°	1038.5	1087.9	1144.7	1201.6	1265.6	1327.7	1399.3	1469.8	1531.1	1610.7	1674.6
-40°	988.0	1026.5	1074.5	1122.0	1171.2	1214.4	1265.6	1311.5	1353.6	1399.1	1436.7
-42.5°	941.9	977.0	1012.1	1052.2	1092.1	1129.2	1164.3	1194.4	1221.7	1248.6	1269.5
-45°	899.4	930.7	961.2	992.3	1021.6	1054.3	1083.8	1106.4	1123.2	1137.7	1149.2
-47.5°	857.3	886.3	913.9	940.3	965.7	991.1	1014.4	1029.9	1041.4	1049.9	1056.0
-50°	816.8	843.6	869.1	891.8	914.2	935.6	955.2	966.6	974.6	979.5	981.1
-52.5°	778.0	802.7	826.3	847.6	866.8	884.6	900.1	908.3	915.0	919.7	921.2
-55°	738.5	761.6	783.6	802.8	820.6	837.2	849.6	855.5	860.0	862.8	864.5
-57.5°	694.4	717.5	739.6	756.2	772.7	788.8	799.9	806.0	810.1	812.4	814.3
-60°	643.7	665.5	683.7	700.5	717.7	734.9	742.0	747.6	752.9	757.8	762.2
-62.5°	586.6	605.9	620.7	634.6	648.7	662.0	669.7	675.6	679.8	683.6	688.0
-65°	523.9	540.8	553.7	564.3	572.8	582.1	590.6	596.9	601.1	604.9	608.7
-67.5°	457.1	473.7	486.3	496.3	504.4	511.6	518.2	523.0	526.3	529.5	533.0
-70°	391.6	407.2	420.5	431.9	441.0	447.8	453.1	457.3	460.6	462.9	464.1
-72.5°	328.3	341.3	353.5	364.9	374.9	381.9	386.9	390.8	393.8	396.1	397.2
-75°	268.0	279.5	289.7	299.2	307.9	314.1	318.3	321.4	323.5	325.8	327.6
-77.5°	208.5	217.6	226.0	233.9	241.1	246.9	251.5	255.3	258.1	260.0	261.2
-80°	153.1	160.5	167.5	173.7	179.2	183.1	186.7	189.9	192.9	194.3	195.0
-82.5°	105.4	110.2	114.9	119.7	124.3	126.0	127.2	128.1	128.6	130.5	132.0
-85°	61.4	64.0	66.4	68.7	70.8	71.3	71.4	71.3	70.9	71.9	72.7
-87.5°	22.1	22.8	23.4	23.9	24.5	24.9	25.4	25.7	26.1	26.4	26.6
-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: P627675 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-727-U-MR-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°	26.8	26.9	27.0	27.0	27.0	26.9	26.8	26.6	26.4	26.1	25.7
85°	73.3	73.7	74.0	74.1	74.0	73.7	73.3	72.7	71.9	70.9	71.3
82.5°	133.2	134.1	134.6	134.8	134.6	134.1	133.2	132.0	130.5	128.6	128.1
80°	195.1	194.6	195.3	195.5	195.3	194.6	195.1	195.0	194.3	192.9	189.9
77.5°	261.7	261.6	262.5	262.8	262.5	261.6	261.7	261.2	260.0	258.1	255.3
75°	328.5	328.7	329.8	330.2	329.8	328.7	328.5	327.6	325.8	323.5	321.4
72.5°	397.2	396.1	397.1	397.6	397.1	396.1	397.2	397.2	396.1	393.8	390.8
70°	464.2	463.3	467.6	471.8	467.6	463.3	464.2	464.1	462.9	460.6	457.3
67.5°	535.4	536.8	541.6	545.9	541.6	536.8	535.4	533.0	529.5	526.3	523.0
65°	610.7	611.0	615.6	620.1	615.6	611.0	610.7	608.7	604.9	601.1	596.9
62.5°	690.6	691.4	696.2	700.9	696.2	691.4	690.6	688.0	683.6	679.8	675.6
60°	764.8	765.6	767.4	768.3	767.4	765.6	764.8	762.2	757.8	752.9	747.6
57.5°	814.8	814.1	814.8	815.5	814.8	814.1	814.8	814.3	812.4	810.1	806.0
55°	864.2	862.0	859.4	855.9	859.4	862.0	864.2	864.5	862.8	860.0	855.5
52.5°	920.0	916.4	913.2	909.9	913.2	916.4	920.0	921.2	919.7	915.0	908.3
50°	980.1	976.9	973.8	970.5	973.8	976.9	980.1	981.1	979.5	974.6	966.6
47.5°	1060.2	1061.6	1061.0	1058.1	1061.0	1061.6	1060.2	1056.0	1049.9	1041.4	1029.9
45°	1157.5	1161.3	1161.8	1159.2	1161.8	1161.3	1157.5	1149.2	1137.7	1123.2	1106.4
42.5°	1284.3	1292.8	1297.6	1300.8	1297.6	1292.8	1284.3	1269.5	1248.6	1221.7	1194.4
40°	1464.1	1481.5	1492.6	1503.0	1492.6	1481.5	1464.1	1436.7	1399.1	1353.6	1311.5
37.5°	1722.0	1753.6	1767.8	1759.1	1767.8	1753.6	1722.0	1674.6	1610.7	1531.1	1469.8
35°	2130.2	2190.3	2221.6	2224.1	2221.6	2190.3	2130.2	2040.2	1923.4	1796.8	1697.1
32.5°	2841.2	2964.2	3030.3	3039.6	3030.3	2964.2	2841.2	2663.9	2424.0	2204.3	2034.1
30°	4208.6	4459.4	4577.2	4549.3	4577.2	4459.4	4208.6	3820.3	3313.1	2936.3	2572.1
27.5°	6866.4	7492.0	7862.7	7892.2	7862.7	7492.0	6866.4	5997.0	4878.6	4250.7	3457.4
25°	11035.9	12103.8	12787.7	12798.7	12787.7	12103.8	11035.9	9598.9	7976.4	6564.6	4977.3
22.5°	16374.2	17831.9	18630.6	18770.1	18630.6	17831.9	16374.2	14411.5	12288.9	9966.7	7613.7
20°	22558.8	24498.0	25535.5	25536.8	25535.5	24498.0	22558.8	19955.0	17273.0	14090.4	10966.8
17.5°	30175.4	33324.2	35300.9	36151.8	35300.9	33324.2	30175.4	26386.3	22858.8	18797.7	14716.8
15°	40294.3	45585.7	48756.5	49327.9	48756.5	45585.7	40294.3	34793.9	29081.7	23811.3	18679.4
12.5°	52615.1	59311.6	63813.0	65462.8	63813.0	59311.6	52615.1	44890.6	35985.4	28987.5	22720.8
10°	65479.0	71683.8	76506.2	78126.7	76506.2	71683.8	65479.0	55681.1	44939.3	34423.3	26294.8
7.5°	74772.3	82171.1	87603.2	89988.6	87603.2	82171.1	74772.3	65038.9	52765.7	40243.5	30102.6
5°	82108.3	90862.9	95919.6	98163.9	95919.6	90862.9	82108.3	71703.8	59172.0	45149.3	32909.6
2.5°	86921.7	95572.1	100926.8	102996.2	100926.8	95572.1	86921.7	75938.1	63250.1	48156.2	34693.5
0°	88721.5	97179.9	102470.5	104997.9	102470.5	97179.9	88721.5	76994.4	64357.5	48869.6	35289.1
-2.5°	86921.7	95572.1	100926.8	102996.2	100926.8	95572.1	86921.7	75938.1	63250.1	48156.2	34693.5
-5°	82108.3	90862.9	95919.6	98163.9	95919.6	90862.9	82108.3	71703.8	59172.0	45149.3	32909.6
-7.5°	74772.3	82171.1	87603.2	89988.6	87603.2	82171.1	74772.3	65038.9	52765.7	40243.5	30102.6
-10°	65479.0	71683.8	76506.2	78126.7	76506.2	71683.8	65479.0	55681.1	44939.3	34423.3	26294.8
-12.5°	52615.1	59311.6	63813.0	65462.8	63813.0	59311.6	52615.1	44890.6	35985.4	28987.5	22720.8
-15°	40294.3	45585.7	48756.5	49327.9	48756.5	45585.7	40294.3	34793.9	29081.7	23811.3	18679.4
-17.5°	30175.4	33324.2	35300.9	36151.8	35300.9	33324.2	30175.4	26386.3	22858.8	18797.7	14716.8
-20°	22558.8	24498.0	25535.5	25536.8	25535.5	24498.0	22558.8	19955.0	17273.0	14090.4	10966.8



REPORT NUMBER: P627675 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	16374.2	17831.9	18630.6	18770.1	18630.6	17831.9	16374.2	14411.5	12288.9	9966.7	7613.7
-25°	11035.9	12103.8	12787.7	12798.7	12787.7	12103.8	11035.9	9598.9	7976.4	6564.6	4977.3
-27.5°	6866.4	7492.0	7862.7	7892.2	7862.7	7492.0	6866.4	5997.0	4878.6	4250.7	3457.4
-30°	4208.6	4459.4	4577.2	4549.3	4577.2	4459.4	4208.6	3820.3	3313.1	2936.3	2572.1
-32.5°	2841.2	2964.2	3030.3	3039.6	3030.3	2964.2	2841.2	2663.9	2424.0	2204.3	2034.1
-35°	2130.2	2190.3	2221.6	2224.1	2221.6	2190.3	2130.2	2040.2	1923.4	1796.8	1697.1
-37.5°	1722.0	1753.6	1767.8	1759.1	1767.8	1753.6	1722.0	1674.6	1610.7	1531.1	1469.8
-40°	1464.1	1481.5	1492.6	1503.0	1492.6	1481.5	1464.1	1436.7	1399.1	1353.6	1311.5
-42.5°	1284.3	1292.8	1297.6	1300.8	1297.6	1292.8	1284.3	1269.5	1248.6	1221.7	1194.4
-45°	1157.5	1161.3	1161.8	1159.2	1161.8	1161.3	1157.5	1149.2	1137.7	1123.2	1106.4
-47.5°	1060.2	1061.6	1061.0	1058.1	1061.0	1061.6	1060.2	1056.0	1049.9	1041.4	1029.9
-50°	980.1	976.9	973.8	970.5	973.8	976.9	980.1	981.1	979.5	974.6	966.6
-52.5°	920.0	916.4	913.2	909.9	913.2	916.4	920.0	921.2	919.7	915.0	908.3
-55°	864.2	862.0	859.4	855.9	859.4	862.0	864.2	864.5	862.8	860.0	855.5
-57.5°	814.8	814.1	814.8	815.5	814.8	814.1	814.8	814.3	812.4	810.1	806.0
-60°	764.8	765.6	767.4	768.3	767.4	765.6	764.8	762.2	757.8	752.9	747.6
-62.5°	690.6	691.4	696.2	700.9	696.2	691.4	690.6	688.0	683.6	679.8	675.6
-65°	610.7	611.0	615.6	620.1	615.6	611.0	610.7	608.7	604.9	601.1	596.9
-67.5°	535.4	536.8	541.6	545.9	541.6	536.8	535.4	533.0	529.5	526.3	523.0
-70°	464.2	463.3	467.6	471.8	467.6	463.3	464.2	464.1	462.9	460.6	457.3
-72.5°	397.2	396.1	397.1	397.6	397.1	396.1	397.2	397.2	396.1	393.8	390.8
-75°	328.5	328.7	329.8	330.2	329.8	328.7	328.5	327.6	325.8	323.5	321.4
-77.5°	261.7	261.6	262.5	262.8	262.5	261.6	261.7	261.2	260.0	258.1	255.3
-80°	195.1	194.6	195.3	195.5	195.3	194.6	195.1	195.0	194.3	192.9	189.9
-82.5°	133.2	134.1	134.6	134.8	134.6	134.1	133.2	132.0	130.5	128.6	128.1
-85°	73.3	73.7	74.0	74.1	74.0	73.7	73.3	72.7	71.9	70.9	71.3
-87.5°	26.8	26.9	27.0	27.0	27.0	26.9	26.8	26.6	26.4	26.1	25.7
-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: P627675 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-727-U-MR-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°	25.4	24.9	24.5	23.9	23.4	22.8	22.1	21.4	20.7	19.9	19.1
85°	71.4	71.3	70.8	68.7	66.4	64.0	61.4	58.6	55.6	52.5	49.3
82.5°	127.2	126.0	124.3	119.7	114.9	110.2	105.4	101.2	96.8	92.2	87.3
80°	186.7	183.1	179.2	173.7	167.5	160.5	153.1	146.1	138.7	131.7	125.2
77.5°	251.5	246.9	241.1	233.9	226.0	217.6	208.5	199.2	189.9	180.2	169.9
75°	318.3	314.1	307.9	299.2	289.7	279.5	268.0	255.3	242.5	229.6	217.0
72.5°	386.9	381.9	374.9	364.9	353.5	341.3	328.3	313.7	297.7	280.3	264.4
70°	453.1	447.8	441.0	431.9	420.5	407.2	391.6	374.6	356.6	337.8	318.5
67.5°	518.2	511.6	504.4	496.3	486.3	473.7	457.1	437.4	416.7	395.4	373.1
65°	590.6	582.1	572.8	564.3	553.7	540.8	523.9	504.9	482.1	455.9	427.7
62.5°	669.7	662.0	648.7	634.6	620.7	605.9	586.6	565.9	545.1	520.8	487.2
60°	742.0	734.9	717.7	700.5	683.7	665.5	643.7	621.8	599.8	573.3	542.6
57.5°	799.9	788.8	772.7	756.2	739.6	717.5	694.4	672.5	648.4	622.9	594.3
55°	849.6	837.2	820.6	802.8	783.6	761.6	738.5	713.9	690.8	669.8	640.5
52.5°	900.1	884.6	866.8	847.6	826.3	802.7	778.0	752.2	729.7	707.8	683.3
50°	955.2	935.6	914.2	891.8	869.1	843.6	816.8	789.4	767.8	745.0	720.3
47.5°	1014.4	991.1	965.7	940.3	913.9	886.3	857.3	827.9	804.1	780.7	755.1
45°	1083.8	1054.3	1021.6	992.3	961.2	930.7	899.4	868.9	839.1	812.8	788.1
42.5°	1164.3	1129.2	1092.1	1052.2	1012.1	977.0	941.9	909.0	875.8	844.1	815.7
40°	1265.6	1214.4	1171.2	1122.0	1074.5	1026.5	988.0	948.5	912.2	876.4	843.7
37.5°	1399.3	1327.7	1265.6	1201.6	1144.7	1087.9	1038.5	993.6	948.5	909.9	873.2
35°	1579.6	1479.5	1382.0	1299.5	1223.0	1156.0	1093.4	1040.7	991.0	943.9	902.7
32.5°	1834.9	1688.2	1531.8	1420.3	1315.2	1228.3	1154.6	1089.1	1032.2	980.3	933.2
30°	2235.4	1976.6	1754.5	1566.1	1430.4	1312.0	1216.8	1139.9	1073.1	1015.5	963.1
27.5°	2888.1	2360.8	2053.4	1771.5	1562.1	1414.2	1290.6	1190.3	1112.9	1049.8	992.5
25°	3946.6	3056.6	2434.6	2045.1	1741.4	1523.1	1370.1	1250.6	1155.9	1080.8	1013.5
22.5°	5497.1	4107.8	3037.8	2358.7	1961.1	1672.0	1464.2	1310.1	1194.3	1107.4	1034.2
20°	7942.3	5463.5	3916.3	2866.8	2219.1	1814.9	1563.9	1379.8	1241.5	1136.0	1052.5
17.5°	10871.0	7560.0	4911.1	3413.8	2553.6	2021.1	1680.3	1446.8	1283.1	1161.9	1068.0
15°	13822.3	9753.0	6439.7	4206.8	2918.4	2201.3	1780.3	1504.7	1323.8	1190.2	1087.3
12.5°	17081.6	12102.4	7795.9	4862.5	3294.3	2418.6	1907.8	1582.7	1368.2	1218.5	1106.1
10°	19896.9	14297.1	9426.2	5913.1	3788.8	2646.5	2024.9	1649.4	1405.3	1241.4	1120.7
7.5°	22431.9	16171.9	10793.3	6732.8	4172.3	2827.2	2118.7	1702.7	1433.2	1258.1	1131.0
5°	24230.8	17604.8	11893.1	7352.3	4446.7	2952.5	2184.0	1740.3	1451.6	1268.6	1137.0
2.5°	25353.2	18467.1	12610.5	7720.1	4581.0	3021.0	2224.9	1761.7	1467.1	1280.2	1140.3
0°	25455.9	18406.1	12711.1	7898.9	4495.4	3032.9	2244.3	1765.8	1476.0	1287.3	1139.0
-2.5°	25353.2	18467.1	12610.5	7720.1	4581.0	3021.0	2224.9	1761.7	1467.1	1280.2	1140.3
-5°	24230.8	17604.8	11893.1	7352.3	4446.7	2952.5	2184.0	1740.3	1451.6	1268.6	1137.0
-7.5°	22431.9	16171.9	10793.3	6732.8	4172.3	2827.2	2118.7	1702.7	1433.2	1258.1	1131.0
-10°	19896.9	14297.1	9426.2	5913.1	3788.8	2646.5	2024.9	1649.4	1405.3	1241.4	1120.7
-12.5°	17081.6	12102.4	7795.9	4862.5	3294.3	2418.6	1907.8	1582.7	1368.2	1218.5	1106.1
-15°	13822.3	9753.0	6439.7	4206.8	2918.4	2201.3	1780.3	1504.7	1323.8	1190.2	1087.3
-17.5°	10871.0	7560.0	4911.1	3413.8	2553.6	2021.1	1680.3	1446.8	1283.1	1161.9	1068.0
-20°	7942.3	5463.5	3916.3	2866.8	2219.1	1814.9	1563.9	1379.8	1241.5	1136.0	1052.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627675 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5497.1	4107.8	3037.8	2358.7	1961.1	1672.0	1464.2	1310.1	1194.3	1107.4	1034.2
-25°	3946.6	3056.6	2434.6	2045.1	1741.4	1523.1	1370.1	1250.6	1155.9	1080.8	1013.5
-27.5°	2888.1	2360.8	2053.4	1771.5	1562.1	1414.2	1290.6	1190.3	1112.9	1049.8	992.5
-30°	2235.4	1976.6	1754.5	1566.1	1430.4	1312.0	1216.8	1139.9	1073.1	1015.5	963.1
-32.5°	1834.9	1688.2	1531.8	1420.3	1315.2	1228.3	1154.6	1089.1	1032.2	980.3	933.2
-35°	1579.6	1479.5	1382.0	1299.5	1223.0	1156.0	1093.4	1040.7	991.0	943.9	902.7
-37.5°	1399.3	1327.7	1265.6	1201.6	1144.7	1087.9	1038.5	993.6	948.5	909.9	873.2
-40°	1265.6	1214.4	1171.2	1122.0	1074.5	1026.5	988.0	948.5	912.2	876.4	843.7
-42.5°	1164.3	1129.2	1092.1	1052.2	1012.1	977.0	941.9	909.0	875.8	844.1	815.7
-45°	1083.8	1054.3	1021.6	992.3	961.2	930.7	899.4	868.9	839.1	812.8	788.1
-47.5°	1014.4	991.1	965.7	940.3	913.9	886.3	857.3	827.9	804.1	780.7	755.1
-50°	955.2	935.6	914.2	891.8	869.1	843.6	816.8	789.4	767.8	745.0	720.3
-52.5°	900.1	884.6	866.8	847.6	826.3	802.7	778.0	752.2	729.7	707.8	683.3
-55°	849.6	837.2	820.6	802.8	783.6	761.6	738.5	713.9	690.8	669.8	640.5
-57.5°	799.9	788.8	772.7	756.2	739.6	717.5	694.4	672.5	648.4	622.9	594.3
-60°	742.0	734.9	717.7	700.5	683.7	665.5	643.7	621.8	599.8	573.3	542.6
-62.5°	669.7	662.0	648.7	634.6	620.7	605.9	586.6	565.9	545.1	520.8	487.2
-65°	590.6	582.1	572.8	564.3	553.7	540.8	523.9	504.9	482.1	455.9	427.7
-67.5°	518.2	511.6	504.4	496.3	486.3	473.7	457.1	437.4	416.7	395.4	373.1
-70°	453.1	447.8	441.0	431.9	420.5	407.2	391.6	374.6	356.6	337.8	318.5
-72.5°	386.9	381.9	374.9	364.9	353.5	341.3	328.3	313.7	297.7	280.3	264.4
-75°	318.3	314.1	307.9	299.2	289.7	279.5	268.0	255.3	242.5	229.6	217.0
-77.5°	251.5	246.9	241.1	233.9	226.0	217.6	208.5	199.2	189.9	180.2	169.9
-80°	186.7	183.1	179.2	173.7	167.5	160.5	153.1	146.1	138.7	131.7	125.2
-82.5°	127.2	126.0	124.3	119.7	114.9	110.2	105.4	101.2	96.8	92.2	87.3
-85°	71.4	71.3	70.8	68.7	66.4	64.0	61.4	58.6	55.6	52.5	49.3
-87.5°	25.4	24.9	24.5	23.9	23.4	22.8	22.1	21.4	20.7	19.9	19.1
-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: P627675 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-727-U-MR-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°	18.2	17.4	16.4	15.5	14.5	13.5	12.5	11.4	10.3	9.2	8.1
85°	45.9	42.3	38.7	34.9	31.0	27.0	24.9	22.8	20.6	18.4	16.2
82.5°	82.2	76.9	71.4	65.7	59.8	53.8	47.6	41.2	34.6	28.2	24.3
80°	118.4	111.3	103.9	96.4	88.8	80.5	72.3	63.7	54.2	45.2	36.6
77.5°	159.3	148.2	136.7	127.2	118.5	108.9	98.4	86.6	73.7	62.0	50.9
75°	204.2	190.8	177.0	163.4	150.4	137.2	125.2	111.4	95.3	79.0	65.0
72.5°	250.4	235.0	218.3	201.2	185.8	169.9	153.5	136.0	117.6	98.8	79.8
70°	299.3	280.2	261.6	242.2	222.4	202.4	183.6	162.5	139.6	118.4	97.0
67.5°	350.0	327.4	305.0	283.1	260.6	237.4	213.7	189.1	163.6	137.8	114.0
65°	401.9	375.2	347.9	323.4	298.2	272.4	245.9	215.9	187.3	158.8	130.6
62.5°	454.7	423.7	393.6	363.9	335.4	306.8	277.2	243.5	210.7	179.5	148.2
60°	508.0	472.3	438.3	405.2	372.5	340.7	307.3	270.4	234.5	199.7	165.9
57.5°	559.0	519.7	481.0	444.8	409.3	374.0	336.6	296.9	257.5	219.8	183.2
55°	608.5	568.4	523.0	481.8	444.0	406.5	365.1	322.9	280.0	239.3	200.0
52.5°	652.3	612.3	565.2	518.1	475.8	436.5	392.1	348.1	302.7	257.9	216.3
50°	691.8	651.4	604.1	554.4	506.2	462.6	418.0	371.5	324.7	276.3	232.1
47.5°	726.0	687.3	640.6	588.6	537.1	487.8	441.5	393.6	345.9	295.1	247.3
45°	756.9	721.7	675.5	622.2	565.8	513.4	463.6	414.5	364.6	313.3	261.9
42.5°	785.8	751.6	709.3	655.0	595.0	538.0	484.7	433.8	382.2	330.5	276.5
40°	812.0	777.7	741.0	685.6	622.6	561.0	505.5	452.0	398.8	346.3	290.7
37.5°	837.8	802.4	764.3	714.2	648.5	584.5	524.9	469.2	414.7	360.4	303.9
35°	864.4	826.4	784.8	736.7	673.1	606.2	542.7	485.3	429.6	373.6	316.3
32.5°	889.9	848.0	803.7	755.8	696.1	625.9	560.1	501.0	443.6	386.0	327.7
30°	914.9	865.7	820.4	775.2	716.2	645.1	577.1	515.6	456.6	397.5	338.1
27.5°	933.9	881.2	835.0	790.4	733.1	662.9	593.7	529.0	468.6	408.1	347.3
25°	951.0	896.0	847.6	802.5	749.7	681.3	608.9	541.3	479.6	417.7	355.7
22.5°	968.1	908.9	858.1	812.8	765.5	697.9	623.2	553.6	489.4	426.4	363.2
20°	982.8	919.3	866.8	822.3	776.0	710.8	636.6	564.6	498.1	434.1	369.9
17.5°	995.5	929.9	875.9	830.0	783.2	721.7	648.3	574.1	505.7	440.7	375.7
15°	1008.4	940.8	883.7	836.0	789.5	730.6	658.4	582.2	512.2	446.4	381.0
12.5°	1019.4	949.0	889.7	840.3	794.7	737.6	666.6	588.9	517.4	451.7	386.1
10°	1028.1	954.4	894.0	843.0	798.8	742.7	673.1	595.1	523.7	456.5	390.2
7.5°	1034.1	957.1	896.5	844.1	801.8	747.2	679.4	601.9	529.3	460.2	393.4
5°	1038.2	958.3	898.0	846.6	803.5	751.4	684.0	607.2	533.8	462.9	395.7
2.5°	1043.0	958.7	898.1	848.5	803.5	754.0	686.6	611.0	537.1	464.5	397.1
0°	1044.7	957.0	896.4	849.2	802.0	754.8	687.5	613.3	539.2	465.0	397.6
-2.5°	1043.0	958.7	898.1	848.5	803.5	754.0	686.6	611.0	537.1	464.5	397.1
-5°	1038.2	958.3	898.0	846.6	803.5	751.4	684.0	607.2	533.8	462.9	395.7
-7.5°	1034.1	957.1	896.5	844.1	801.8	747.2	679.4	601.9	529.3	460.2	393.4
-10°	1028.1	954.4	894.0	843.0	798.8	742.7	673.1	595.1	523.7	456.5	390.2
-12.5°	1019.4	949.0	889.7	840.3	794.7	737.6	666.6	588.9	517.4	451.7	386.1
-15°	1008.4	940.8	883.7	836.0	789.5	730.6	658.4	582.2	512.2	446.4	381.0
-17.5°	995.5	929.9	875.9	830.0	783.2	721.7	648.3	574.1	505.7	440.7	375.7
-20°	982.8	919.3	866.8	822.3	776.0	710.8	636.6	564.6	498.1	434.1	369.9



REPORT NUMBER: P627675 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	968.1	908.9	858.1	812.8	765.5	697.9	623.2	553.6	489.4	426.4	363.2
-25°	951.0	896.0	847.6	802.5	749.7	681.3	608.9	541.3	479.6	417.7	355.7
-27.5°	933.9	881.2	835.0	790.4	733.1	662.9	593.7	529.0	468.6	408.1	347.3
-30°	914.9	865.7	820.4	775.2	716.2	645.1	577.1	515.6	456.6	397.5	338.1
-32.5°	889.9	848.0	803.7	755.8	696.1	625.9	560.1	501.0	443.6	386.0	327.7
-35°	864.4	826.4	784.8	736.7	673.1	606.2	542.7	485.3	429.6	373.6	316.3
-37.5°	837.8	802.4	764.3	714.2	648.5	584.5	524.9	469.2	414.7	360.4	303.9
-40°	812.0	777.7	741.0	685.6	622.6	561.0	505.5	452.0	398.8	346.3	290.7
-42.5°	785.8	751.6	709.3	655.0	595.0	538.0	484.7	433.8	382.2	330.5	276.5
-45°	756.9	721.7	675.5	622.2	565.8	513.4	463.6	414.5	364.6	313.3	261.9
-47.5°	726.0	687.3	640.6	588.6	537.1	487.8	441.5	393.6	345.9	295.1	247.3
-50°	691.8	651.4	604.1	554.4	506.2	462.6	418.0	371.5	324.7	276.3	232.1
-52.5°	652.3	612.3	565.2	518.1	475.8	436.5	392.1	348.1	302.7	257.9	216.3
-55°	608.5	568.4	523.0	481.8	444.0	406.5	365.1	322.9	280.0	239.3	200.0
-57.5°	559.0	519.7	481.0	444.8	409.3	374.0	336.6	296.9	257.5	219.8	183.2
-60°	508.0	472.3	438.3	405.2	372.5	340.7	307.3	270.4	234.5	199.7	165.9
-62.5°	454.7	423.7	393.6	363.9	335.4	306.8	277.2	243.5	210.7	179.5	148.2
-65°	401.9	375.2	347.9	323.4	298.2	272.4	245.9	215.9	187.3	158.8	130.6
-67.5°	350.0	327.4	305.0	283.1	260.6	237.4	213.7	189.1	163.6	137.8	114.0
-70°	299.3	280.2	261.6	242.2	222.4	202.4	183.6	162.5	139.6	118.4	97.0
-72.5°	250.4	235.0	218.3	201.2	185.8	169.9	153.5	136.0	117.6	98.8	79.8
-75°	204.2	190.8	177.0	163.4	150.4	137.2	125.2	111.4	95.3	79.0	65.0
-77.5°	159.3	148.2	136.7	127.2	118.5	108.9	98.4	86.6	73.7	62.0	50.9
-80°	118.4	111.3	103.9	96.4	88.8	80.5	72.3	63.7	54.2	45.2	36.6
-82.5°	82.2	76.9	71.4	65.7	59.8	53.8	47.6	41.2	34.6	28.2	24.3
-85°	45.9	42.3	38.7	34.9	31.0	27.0	24.9	22.8	20.6	18.4	16.2
-87.5°	18.2	17.4	16.4	15.5	14.5	13.5	12.5	11.4	10.3	9.2	8.1
-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: P627675 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-727-U-MR-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°	7.0	5.8	4.7	3.5	2.4	1.2	0.0
85°	14.0	11.7	9.4	7.0	4.7	2.4	0.0
82.5°	20.9	17.5	14.0	10.5	7.0	3.5	0.0
80°	28.4	23.3	18.7	14.0	9.4	4.7	0.0
77.5°	40.4	30.5	23.3	17.5	11.7	5.8	0.0
75°	52.3	40.4	28.4	20.9	14.0	7.0	0.0
72.5°	64.0	50.2	36.3	24.3	16.2	8.1	0.0
70°	76.0	59.9	44.0	28.1	18.4	9.2	0.0
67.5°	90.7	69.4	51.7	33.8	20.6	10.3	0.0
65°	105.2	80.1	59.2	39.5	22.8	11.4	0.0
62.5°	119.4	92.0	66.5	45.0	24.9	12.5	0.0
60°	133.2	103.5	73.7	50.4	27.0	13.5	0.0
57.5°	147.8	114.8	82.7	55.7	30.5	14.5	0.0
55°	162.0	125.8	91.5	60.8	33.9	15.5	0.0
52.5°	175.7	136.6	100.0	65.8	37.2	16.4	0.0
50°	188.9	147.5	108.3	70.6	40.4	17.4	0.0
47.5°	201.5	157.9	116.3	75.5	43.5	18.2	0.0
45°	214.0	167.8	123.9	81.3	46.5	19.1	0.0
42.5°	226.0	177.2	131.3	86.8	49.3	19.9	0.0
40°	237.4	186.1	138.4	92.0	52.0	20.7	0.0
37.5°	248.2	194.5	145.1	96.8	54.6	21.4	0.0
35°	258.3	202.7	151.4	101.3	57.0	22.1	0.0
32.5°	268.0	210.6	157.3	105.5	59.3	22.8	0.0
30°	277.1	218.0	162.7	109.3	61.5	23.4	0.0
27.5°	285.4	224.8	167.6	112.8	63.4	23.9	0.0
25°	293.0	231.1	172.2	115.9	65.3	24.5	0.0
22.5°	299.7	236.7	176.4	118.7	66.9	24.9	0.0
20°	305.6	241.6	180.2	121.1	68.4	25.4	0.0
17.5°	310.9	245.8	183.7	123.2	69.7	25.7	0.0
15°	315.8	249.3	186.7	124.9	70.9	26.1	0.0
12.5°	320.1	252.0	189.3	126.3	71.9	26.4	0.0
10°	323.6	254.2	191.5	127.3	72.7	26.6	0.0
7.5°	326.4	255.6	193.2	128.0	73.3	26.8	0.0
5°	328.5	256.4	194.5	128.4	73.7	26.9	0.0
2.5°	329.8	256.5	195.2	128.4	74.0	27.0	0.0
0°	330.2	256.1	195.5	128.1	74.1	27.0	0.0
-2.5°	329.8	256.5	195.2	128.4	74.0	27.0	0.0
-5°	328.5	256.4	194.5	128.4	73.7	26.9	0.0
-7.5°	326.4	255.6	193.2	128.0	73.3	26.8	0.0
-10°	323.6	254.2	191.5	127.3	72.7	26.6	0.0
-12.5°	320.1	252.0	189.3	126.3	71.9	26.4	0.0
-15°	315.8	249.3	186.7	124.9	70.9	26.1	0.0
-17.5°	310.9	245.8	183.7	123.2	69.7	25.7	0.0
-20°	305.6	241.6	180.2	121.1	68.4	25.4	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627675 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	299.7	236.7	176.4	118.7	66.9	24.9	0.0
-25°	293.0	231.1	172.2	115.9	65.3	24.5	0.0
-27.5°	285.4	224.8	167.6	112.8	63.4	23.9	0.0
-30°	277.1	218.0	162.7	109.3	61.5	23.4	0.0
-32.5°	268.0	210.6	157.3	105.5	59.3	22.8	0.0
-35°	258.3	202.7	151.4	101.3	57.0	22.1	0.0
-37.5°	248.2	194.5	145.1	96.8	54.6	21.4	0.0
-40°	237.4	186.1	138.4	92.0	52.0	20.7	0.0
-42.5°	226.0	177.2	131.3	86.8	49.3	19.9	0.0
-45°	214.0	167.8	123.9	81.3	46.5	19.1	0.0
-47.5°	201.5	157.9	116.3	75.5	43.5	18.2	0.0
-50°	188.9	147.5	108.3	70.6	40.4	17.4	0.0
-52.5°	175.7	136.6	100.0	65.8	37.2	16.4	0.0
-55°	162.0	125.8	91.5	60.8	33.9	15.5	0.0
-57.5°	147.8	114.8	82.7	55.7	30.5	14.5	0.0
-60°	133.2	103.5	73.7	50.4	27.0	13.5	0.0
-62.5°	119.4	92.0	66.5	45.0	24.9	12.5	0.0
-65°	105.2	80.1	59.2	39.5	22.8	11.4	0.0
-67.5°	90.7	69.4	51.7	33.8	20.6	10.3	0.0
-70°	76.0	59.9	44.0	28.1	18.4	9.2	0.0
-72.5°	64.0	50.2	36.3	24.3	16.2	8.1	0.0
-75°	52.3	40.4	28.4	20.9	14.0	7.0	0.0
-77.5°	40.4	30.5	23.3	17.5	11.7	5.8	0.0
-80°	28.4	23.3	18.7	14.0	9.4	4.7	0.0
-82.5°	20.9	17.5	14.0	10.5	7.0	3.5	0.0
-85°	14.0	11.7	9.4	7.0	4.7	2.4	0.0
-87.5°	7.0	5.8	4.7	3.5	2.4	1.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)