

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: P627143 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA3C-727-U-WR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627143 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3C-727-U-WR-XX
Description: GALLEON FLOOD, THREE LIGHT SQUARE, WIDE SYMMETRICAL ROUND N65
Light Source: (48) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

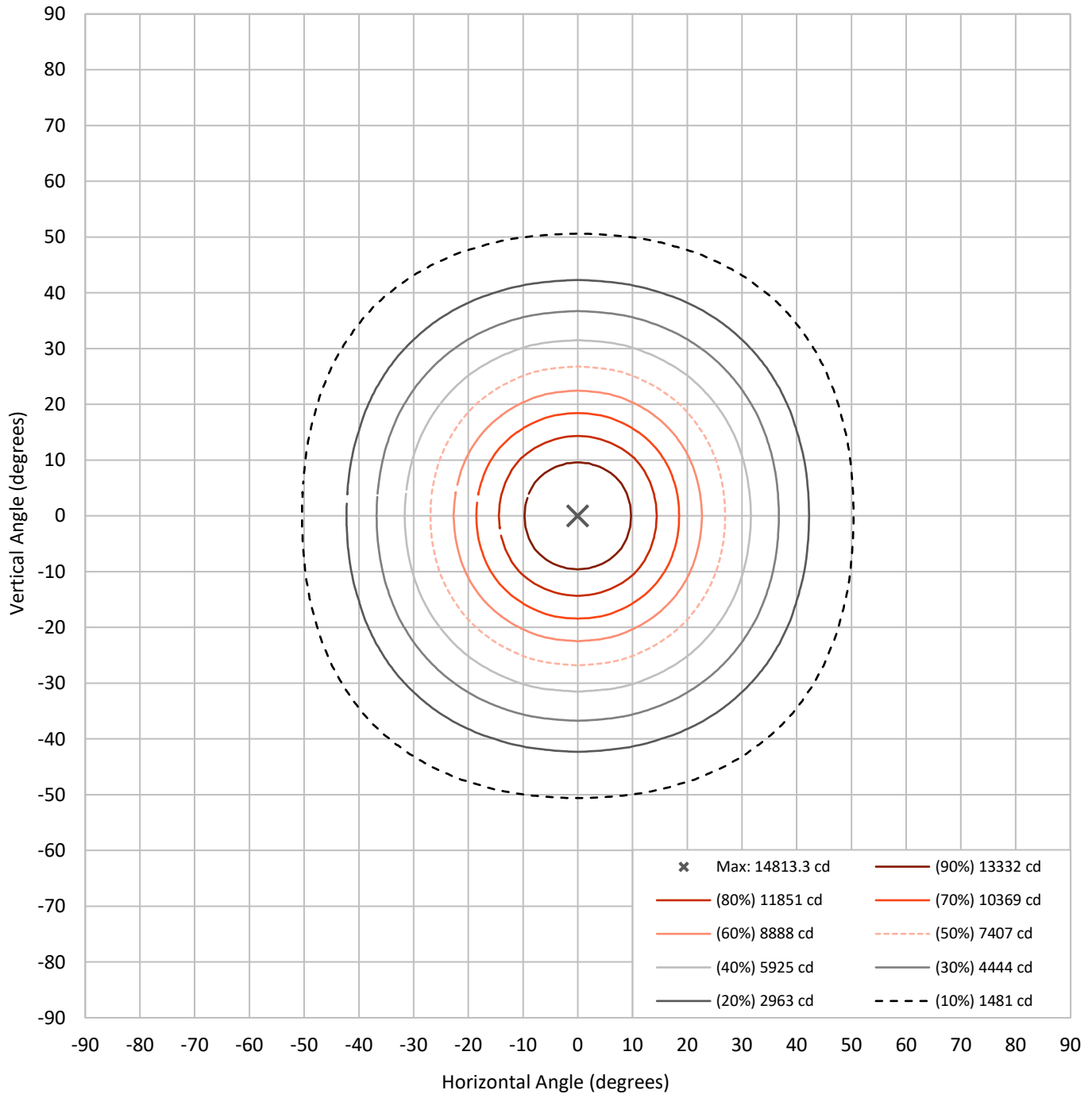
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	15076.5 lumens	Max Intensity:	14813.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	123.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	7208.7 lumens	Field Lumens:	13305.6 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	121.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



REPORT NUMBER: P627143 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3C-727-U-WR-XX

Iso-Candela Plot





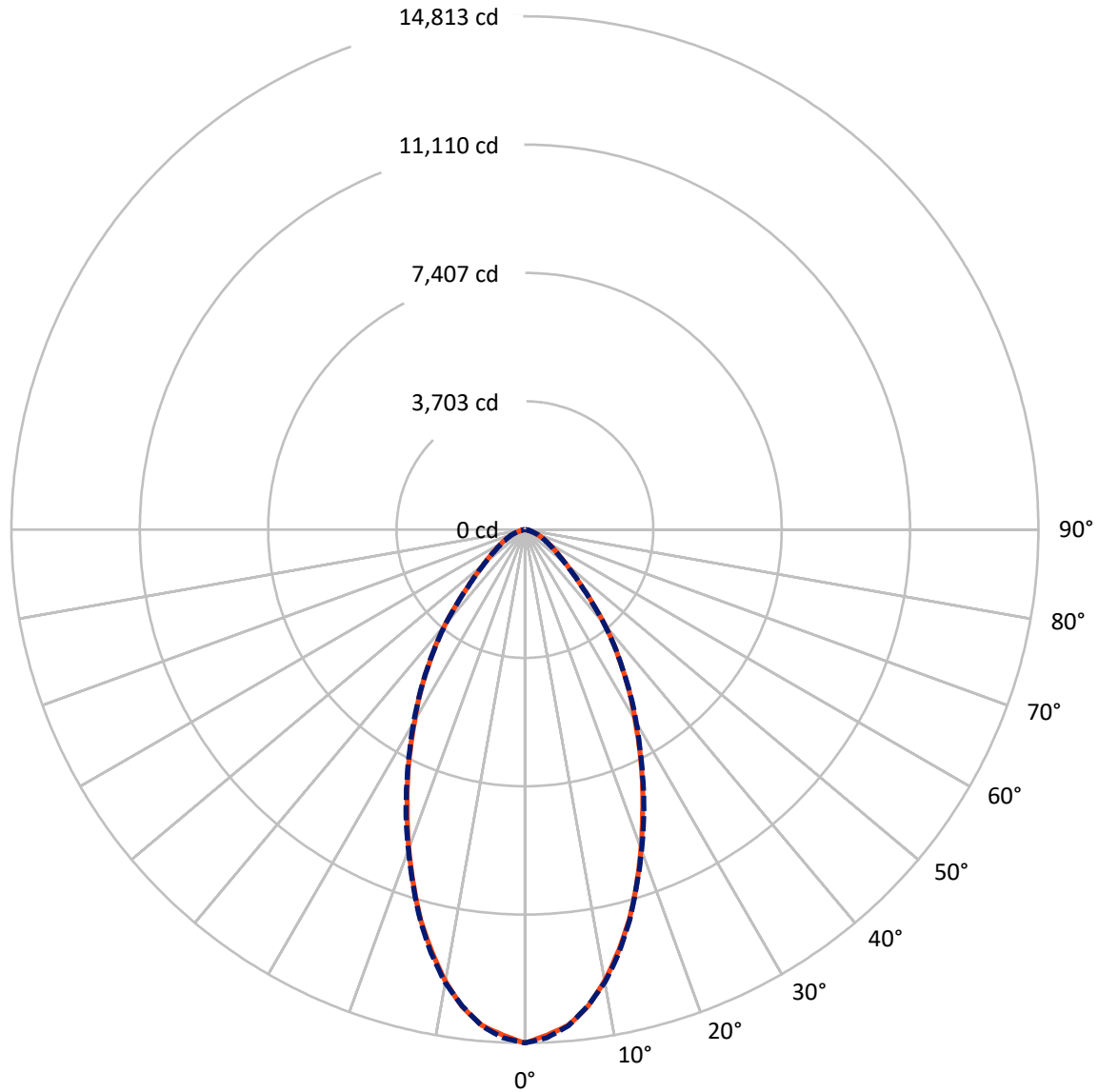
REPORT NUMBER: P627143 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-727-U-WR-XX

Lumen Table

90																
80	0.6	4.2		9.5		15.8		13.5		15.8		9.5		4.2		0.6
70																
60	2.0	2.3	4.3	6.9	10.0	13.0	15.3	16.4	16.4	15.3	13.0	10.0	6.9	4.3	2.3	2.0
50		3.2	6.5	11.3	17.4	23.9	29.8	33.2	33.2	29.8	23.9	17.4	11.3	6.5	3.2	
40	2.9	4.2	9.0	16.9	28.5	43.8	60.3	71.4	71.4	60.3	43.8	28.5	16.9	9.0	4.2	2.9
30		5.1	11.8	24.5	47.8	84.8	123.3	146.2	146.2	123.3	84.8	47.8	24.5	11.8	5.1	
20	3.4	5.9	14.7	34.4	77.2	138.9	198.7	237.5	237.5	198.7	138.9	77.2	34.4	14.7	5.9	3.4
10		6.6	17.3	44.6	105.4	187.5	276.8	340.6	340.6	276.8	187.5	105.4	44.6	17.3	6.6	
0	3.6	6.9	18.7	51.2	121.4	218.0	331.7	417.2	417.2	331.7	218.0	121.4	51.2	18.7	6.9	3.6
-10		6.9	18.7	51.2	121.4	218.0	331.7	417.2	417.2	331.7	218.0	121.4	51.2	18.7	6.9	
-20	3.4	6.6	17.3	44.6	105.4	187.5	276.8	340.6	340.6	276.8	187.5	105.4	44.6	17.3	6.6	3.4
-30		5.9	14.7	34.4	77.2	138.9	198.7	237.5	237.5	198.7	138.9	77.2	34.4	14.7	5.9	
-40	2.9	5.1	11.8	24.5	47.8	84.8	123.3	146.2	146.2	123.3	84.8	47.8	24.5	11.8	5.1	2.9
-50		4.2	9.0	16.9	28.5	43.8	60.3	71.4	71.4	60.3	43.8	28.5	16.9	9.0	4.2	
-60	2.0	3.2	6.5	11.3	17.4	23.9	29.8	33.2	33.2	29.8	23.9	17.4	11.3	6.5	3.2	2.0
-70		2.3	4.3	6.9	10.0	13.0	15.3	16.4	16.4	15.3	13.0	10.0	6.9	4.3	2.3	
-80																
-90	0.6	4.2		9.5		15.8		13.5		15.8		9.5		4.2		0.6
Horizontal Angle (degrees)																

REPORT NUMBER: P627143 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3C-727-U-WR-XX

Luminous Intensity Polar Plot

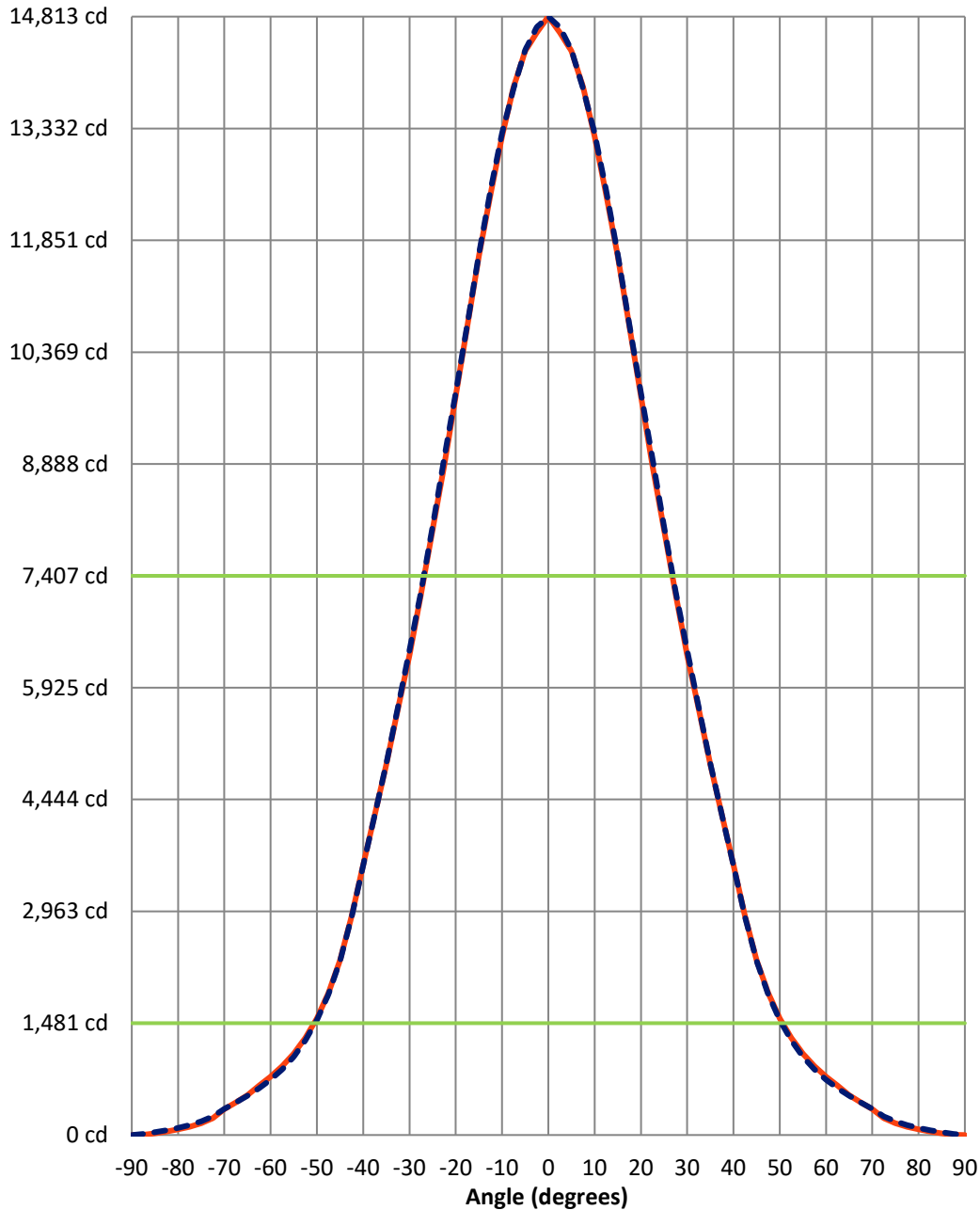


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg



REPORT NUMBER: P627143 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3C-727-U-WR-XX

Luminous Intensity Plot



Beam:
H Angle: 53.8°
V Angle: 53.6°
Lumens: 7208.7
Efficiency: 47.8%

Field:
H Angle: 100.8°
V Angle: 101.2°
Lumens: 13305.6
Efficiency: 88.3%

Spill:
Lumens: 1771
Efficiency: 11.7%

— 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: P627143 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3C-727-U-WR-XX

FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.8	1.7	2.8	4.1	5.5	7.0	7.8	8.4	8.9	9.3
85°	0.0	1.5	3.5	5.7	8.2	11.0	14.0	15.6	16.8	17.8	18.6
82.5°	0.0	2.3	5.2	8.5	12.2	16.4	21.0	23.4	25.8	29.9	33.5
80°	0.0	3.0	6.9	11.2	16.2	21.7	28.5	35.5	41.5	46.9	51.6
77.5°	0.0	3.7	8.6	14.0	20.1	28.3	40.7	49.7	57.2	63.9	70.6
75°	0.0	4.5	10.2	16.7	24.4	37.0	52.6	63.9	72.9	82.0	91.7
72.5°	0.0	5.2	11.8	19.3	30.2	45.4	64.1	77.8	88.6	100.2	112.6
70°	0.0	5.9	13.4	22.1	35.8	53.5	74.9	91.0	104.1	118.2	134.8
67.5°	0.0	6.5	14.9	25.5	41.2	61.3	84.4	103.9	119.3	136.8	156.6
65°	0.0	7.2	16.4	28.8	46.3	68.4	93.4	116.4	134.3	154.7	177.3
62.5°	0.0	7.9	17.8	31.9	51.2	74.9	101.9	128.4	148.7	171.8	196.6
60°	0.0	8.5	19.2	34.8	55.7	81.0	109.8	139.7	162.4	188.4	215.2
57.5°	0.0	9.1	20.9	37.6	59.9	86.7	117.0	149.9	176.2	204.4	232.4
55°	0.0	9.7	22.5	40.1	63.8	91.9	123.6	158.0	189.8	219.8	248.9
52.5°	0.0	10.2	24.0	42.4	67.3	96.7	129.7	166.9	202.8	234.4	265.0
50°	0.0	10.7	25.5	44.5	70.6	101.1	135.2	175.2	215.3	248.7	282.7
47.5°	0.0	11.2	26.9	46.4	73.5	105.1	140.3	182.7	227.7	262.6	300.0
45°	0.0	11.7	28.2	48.3	76.1	108.6	146.1	189.5	236.6	277.7	316.8
42.5°	0.0	12.1	29.5	50.0	78.3	111.7	151.2	196.1	244.8	292.2	334.2
40°	0.0	12.5	30.6	51.8	80.3	114.3	155.7	202.6	252.8	305.7	351.0
37.5°	0.0	12.9	31.7	53.7	82.0	116.4	159.5	208.5	261.7	316.3	366.9
35°	0.0	13.3	32.8	55.4	83.5	118.8	162.7	213.7	270.1	328.0	383.2
32.5°	0.0	13.6	33.7	57.0	84.6	121.0	165.6	218.3	278.2	339.8	399.9
30°	0.0	13.9	34.5	58.4	85.4	122.8	168.9	222.7	285.8	351.8	415.6
27.5°	0.0	14.1	35.3	59.6	87.2	124.0	171.5	228.2	293.7	363.9	430.2
25°	0.0	14.3	36.0	60.7	89.0	124.7	173.6	233.2	302.6	375.7	444.0
22.5°	0.0	14.5	36.5	61.6	90.5	125.7	175.1	237.5	311.1	386.5	459.0
20°	0.0	14.6	37.0	62.4	91.8	128.0	175.9	241.2	319.0	396.2	472.5
17.5°	0.0	14.8	37.4	63.0	92.9	129.9	177.9	244.1	326.4	404.7	484.3
15°	0.0	14.8	37.7	63.4	93.8	131.3	180.3	246.9	333.0	412.1	494.4
12.5°	0.0	14.9	38.0	63.7	94.5	132.4	182.0	249.5	338.6	418.3	502.9
10°	0.0	14.9	38.1	63.8	94.9	133.1	183.1	250.9	342.9	423.4	509.8
7.5°	0.0	14.9	38.1	63.8	95.1	133.3	183.5	251.2	346.0	427.4	515.1
5°	0.0	14.9	38.1	63.6	95.0	133.2	183.3	250.4	347.6	430.1	518.6
2.5°	0.0	14.8	37.9	63.3	94.7	132.8	182.5	248.7	347.8	431.4	520.4
0°	0.0	14.7	37.7	62.8	94.2	131.9	181.1	246.0	346.5	431.3	520.3
-2.5°	0.0	14.8	37.9	63.3	94.7	132.8	182.5	248.7	347.8	431.4	520.4
-5°	0.0	14.9	38.1	63.6	95.0	133.2	183.3	250.4	347.6	430.1	518.6
-7.5°	0.0	14.9	38.1	63.8	95.1	133.3	183.5	251.2	346.0	427.4	515.1
-10°	0.0	14.9	38.1	63.8	94.9	133.1	183.1	250.9	342.9	423.4	509.8
-12.5°	0.0	14.9	38.0	63.7	94.5	132.4	182.0	249.5	338.6	418.3	502.9
-15°	0.0	14.8	37.7	63.4	93.8	131.3	180.3	246.9	333.0	412.1	494.4
-17.5°	0.0	14.8	37.4	63.0	92.9	129.9	177.9	244.1	326.4	404.7	484.3
-20°	0.0	14.6	37.0	62.4	91.8	128.0	175.9	241.2	319.0	396.2	472.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627143 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3C-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	14.5	36.5	61.6	90.5	125.7	175.1	237.5	311.1	386.5	459.0
-25°	0.0	14.3	36.0	60.7	89.0	124.7	173.6	233.2	302.6	375.7	444.0
-27.5°	0.0	14.1	35.3	59.6	87.2	124.0	171.5	228.2	293.7	363.9	430.2
-30°	0.0	13.9	34.5	58.4	85.4	122.8	168.9	222.7	285.8	351.8	415.6
-32.5°	0.0	13.6	33.7	57.0	84.6	121.0	165.6	218.3	278.2	339.8	399.9
-35°	0.0	13.3	32.8	55.4	83.5	118.8	162.7	213.7	270.1	328.0	383.2
-37.5°	0.0	12.9	31.7	53.7	82.0	116.4	159.5	208.5	261.7	316.3	366.9
-40°	0.0	12.5	30.6	51.8	80.3	114.3	155.7	202.6	252.8	305.7	351.0
-42.5°	0.0	12.1	29.5	50.0	78.3	111.7	151.2	196.1	244.8	292.2	334.2
-45°	0.0	11.7	28.2	48.3	76.1	108.6	146.1	189.5	236.6	277.7	316.8
-47.5°	0.0	11.2	26.9	46.4	73.5	105.1	140.3	182.7	227.7	262.6	300.0
-50°	0.0	10.7	25.5	44.5	70.6	101.1	135.2	175.2	215.3	248.7	282.7
-52.5°	0.0	10.2	24.0	42.4	67.3	96.7	129.7	166.9	202.8	234.4	265.0
-55°	0.0	9.7	22.5	40.1	63.8	91.9	123.6	158.0	189.8	219.8	248.9
-57.5°	0.0	9.1	20.9	37.6	59.9	86.7	117.0	149.9	176.2	204.4	232.4
-60°	0.0	8.5	19.2	34.8	55.7	81.0	109.8	139.7	162.4	188.4	215.2
-62.5°	0.0	7.9	17.8	31.9	51.2	74.9	101.9	128.4	148.7	171.8	196.6
-65°	0.0	7.2	16.4	28.8	46.3	68.4	93.4	116.4	134.3	154.7	177.3
-67.5°	0.0	6.5	14.9	25.5	41.2	61.3	84.4	103.9	119.3	136.8	156.6
-70°	0.0	5.9	13.4	22.1	35.8	53.5	74.9	91.0	104.1	118.2	134.8
-72.5°	0.0	5.2	11.8	19.3	30.2	45.4	64.1	77.8	88.6	100.2	112.6
-75°	0.0	4.5	10.2	16.7	24.4	37.0	52.6	63.9	72.9	82.0	91.7
-77.5°	0.0	3.7	8.6	14.0	20.1	28.3	40.7	49.7	57.2	63.9	70.6
-80°	0.0	3.0	6.9	11.2	16.2	21.7	28.5	35.5	41.5	46.9	51.6
-82.5°	0.0	2.3	5.2	8.5	12.2	16.4	21.0	23.4	25.8	29.9	33.5
-85°	0.0	1.5	3.5	5.7	8.2	11.0	14.0	15.6	16.8	17.8	18.6
-87.5°	0.0	0.8	1.7	2.8	4.1	5.5	7.0	7.8	8.4	8.9	9.3
-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: P627143 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-727-U-WR-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°	9.4	9.4	9.3	9.0	8.6	8.1	7.4	6.7	6.9	7.2	7.5
85°	18.9	18.9	20.4	21.9	22.6	22.6	22.2	21.2	24.0	27.2	30.5
82.5°	36.9	40.1	43.1	45.9	46.2	45.5	44.1	42.4	48.0	54.8	61.9
80°	56.5	61.2	66.6	71.7	72.9	72.4	70.8	68.3	75.6	86.1	97.4
77.5°	78.4	85.9	92.8	99.3	101.1	100.8	99.7	97.6	107.0	121.5	136.5
75°	101.5	110.6	119.5	127.4	130.8	131.1	130.7	133.0	145.3	162.2	177.1
72.5°	125.6	137.1	147.2	155.9	161.4	165.5	171.0	177.8	190.2	206.8	221.5
70°	151.1	163.9	174.5	184.2	192.5	201.6	213.2	224.6	237.8	254.4	269.6
67.5°	176.2	189.2	201.2	213.1	228.2	242.7	257.1	272.1	288.7	306.2	321.6
65°	199.5	214.2	228.9	246.1	265.8	282.2	300.0	319.5	341.2	360.8	378.7
62.5°	221.8	238.4	256.6	277.4	298.7	319.3	343.1	368.2	393.6	418.2	442.6
60°	240.7	261.3	283.4	306.9	331.5	359.5	387.5	417.4	447.7	477.3	507.5
57.5°	258.9	284.4	309.8	337.2	367.8	399.9	433.4	467.1	503.3	539.2	573.4
55°	277.7	307.7	336.7	369.1	404.3	441.9	479.8	520.6	560.6	605.7	647.4
52.5°	297.9	330.5	364.6	401.7	442.7	485.1	529.5	576.3	626.2	676.3	727.2
50°	317.5	354.3	392.2	436.6	482.5	530.9	582.3	636.7	694.8	752.8	814.4
47.5°	338.0	377.3	423.6	471.8	524.4	579.5	637.7	702.4	766.9	840.0	910.7
45°	358.3	403.5	453.7	509.7	567.4	629.5	698.6	769.7	852.1	934.7	1027.5
42.5°	377.7	429.8	486.5	546.4	612.0	683.4	759.9	849.3	942.2	1044.4	1153.3
40°	400.1	455.0	518.9	585.8	656.9	738.5	830.6	929.9	1043.1	1164.2	1287.9
37.5°	421.7	483.4	550.8	623.4	705.9	797.8	899.5	1021.2	1151.9	1289.5	1457.9
35°	442.0	510.5	583.7	663.2	752.6	859.0	980.6	1115.1	1265.7	1443.3	1639.7
32.5°	463.5	536.1	614.7	703.9	805.1	921.4	1059.5	1217.8	1396.1	1598.3	1844.0
30°	485.3	562.5	645.6	742.0	854.7	989.2	1146.2	1321.2	1526.2	1779.8	2068.3
27.5°	505.3	587.1	678.1	782.4	902.8	1051.7	1229.4	1434.5	1676.1	1962.7	2299.8
25°	523.8	609.6	708.0	820.9	956.0	1119.3	1311.9	1539.0	1826.1	2167.9	2582.5
22.5°	541.4	630.0	735.1	855.6	1003.8	1184.6	1401.5	1661.4	1978.7	2362.3	2859.5
20°	557.9	652.1	761.9	888.7	1046.6	1243.6	1483.8	1775.6	2136.6	2590.7	3131.1
17.5°	572.4	671.6	787.4	924.5	1094.3	1303.6	1561.4	1876.4	2277.2	2794.7	3381.7
15°	584.9	688.4	809.4	955.5	1137.2	1363.2	1642.9	1986.9	2423.8	2980.3	3601.7
12.5°	595.3	702.5	827.8	981.6	1173.3	1413.6	1712.5	2085.4	2566.7	3155.0	3794.9
10°	603.6	713.7	842.7	1002.6	1202.3	1454.6	1769.8	2166.0	2685.6	3304.8	3958.3
7.5°	610.5	722.6	854.1	1018.6	1224.3	1485.8	1814.4	2228.2	2778.5	3423.4	4083.7
5°	615.4	728.9	862.8	1029.8	1240.5	1507.6	1845.6	2271.7	2844.6	3509.4	4169.5
2.5°	618.1	732.4	867.8	1035.7	1250.4	1520.0	1862.0	2299.0	2880.9	3558.5	4221.4
0°	618.7	732.9	869.0	1036.5	1253.2	1522.3	1864.6	2307.5	2888.5	3571.2	4240.2
-2.5°	618.1	732.4	867.8	1035.7	1250.4	1520.0	1862.0	2299.0	2880.9	3558.5	4221.4
-5°	615.4	728.9	862.8	1029.8	1240.5	1507.6	1845.6	2271.7	2844.6	3509.4	4169.5
-7.5°	610.5	722.6	854.1	1018.6	1224.3	1485.8	1814.4	2228.2	2778.5	3423.4	4083.7
-10°	603.6	713.7	842.7	1002.6	1202.3	1454.6	1769.8	2166.0	2685.6	3304.8	3958.3
-12.5°	595.3	702.5	827.8	981.6	1173.3	1413.6	1712.5	2085.4	2566.7	3155.0	3794.9
-15°	584.9	688.4	809.4	955.5	1137.2	1363.2	1642.9	1986.9	2423.8	2980.3	3601.7
-17.5°	572.4	671.6	787.4	924.5	1094.3	1303.6	1561.4	1876.4	2277.2	2794.7	3381.7
-20°	557.9	652.1	761.9	888.7	1046.6	1243.6	1483.8	1775.6	2136.6	2590.7	3131.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627143 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3C-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	541.4	630.0	735.1	855.6	1003.8	1184.6	1401.5	1661.4	1978.7	2362.3	2859.5
-25°	523.8	609.6	708.0	820.9	956.0	1119.3	1311.9	1539.0	1826.1	2167.9	2582.5
-27.5°	505.3	587.1	678.1	782.4	902.8	1051.7	1229.4	1434.5	1676.1	1962.7	2299.8
-30°	485.3	562.5	645.6	742.0	854.7	989.2	1146.2	1321.2	1526.2	1779.8	2068.3
-32.5°	463.5	536.1	614.7	703.9	805.1	921.4	1059.5	1217.8	1396.1	1598.3	1844.0
-35°	442.0	510.5	583.7	663.2	752.6	859.0	980.6	1115.1	1265.7	1443.3	1639.7
-37.5°	421.7	483.4	550.8	623.4	705.9	797.8	899.5	1021.2	1151.9	1289.5	1457.9
-40°	400.1	455.0	518.9	585.8	656.9	738.5	830.6	929.9	1043.1	1164.2	1287.9
-42.5°	377.7	429.8	486.5	546.4	612.0	683.4	759.9	849.3	942.2	1044.4	1153.3
-45°	358.3	403.5	453.7	509.7	567.4	629.5	698.6	769.7	852.1	934.7	1027.5
-47.5°	338.0	377.3	423.6	471.8	524.4	579.5	637.7	702.4	766.9	840.0	910.7
-50°	317.5	354.3	392.2	436.6	482.5	530.9	582.3	636.7	694.8	752.8	814.4
-52.5°	297.9	330.5	364.6	401.7	442.7	485.1	529.5	576.3	626.2	676.3	727.2
-55°	277.7	307.7	336.7	369.1	404.3	441.9	479.8	520.6	560.6	605.7	647.4
-57.5°	258.9	284.4	309.8	337.2	367.8	399.9	433.4	467.1	503.3	539.2	573.4
-60°	240.7	261.3	283.4	306.9	331.5	359.5	387.5	417.4	447.7	477.3	507.5
-62.5°	221.8	238.4	256.6	277.4	298.7	319.3	343.1	368.2	393.6	418.2	442.6
-65°	199.5	214.2	228.9	246.1	265.8	282.2	300.0	319.5	341.2	360.8	378.7
-67.5°	176.2	189.2	201.2	213.1	228.2	242.7	257.1	272.1	288.7	306.2	321.6
-70°	151.1	163.9	174.5	184.2	192.5	201.6	213.2	224.6	237.8	254.4	269.6
-72.5°	125.6	137.1	147.2	155.9	161.4	165.5	171.0	177.8	190.2	206.8	221.5
-75°	101.5	110.6	119.5	127.4	130.8	131.1	130.7	133.0	145.3	162.2	177.1
-77.5°	78.4	85.9	92.8	99.3	101.1	100.8	99.7	97.6	107.0	121.5	136.5
-80°	56.5	61.2	66.6	71.7	72.9	72.4	70.8	68.3	75.6	86.1	97.4
-82.5°	36.9	40.1	43.1	45.9	46.2	45.5	44.1	42.4	48.0	54.8	61.9
-85°	18.9	18.9	20.4	21.9	22.6	22.6	22.2	21.2	24.0	27.2	30.5
-87.5°	9.4	9.4	9.3	9.0	8.6	8.1	7.4	6.7	6.9	7.2	7.5
-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: P627143 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-727-U-WR-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°	7.7	7.5	7.2	6.9	6.6	6.5	6.4	6.2	6.1	5.6	5.2
85°	34.1	34.8	35.2	35.4	35.4	36.6	37.7	38.6	39.5	35.8	31.7
82.5°	69.3	72.5	75.3	78.2	81.0	82.9	84.3	85.4	86.1	77.9	68.8
80°	109.0	115.8	121.4	126.9	132.0	133.3	133.3	132.6	131.2	120.0	107.4
77.5°	151.6	160.5	167.6	174.6	181.5	184.1	185.3	186.3	186.9	173.1	156.1
75°	190.2	200.8	210.8	220.0	228.5	233.0	235.6	237.8	239.5	225.6	207.4
72.5°	234.2	245.5	256.3	266.5	275.5	281.5	285.3	288.5	291.1	283.2	271.8
70°	282.7	294.4	305.7	316.3	326.5	334.5	340.9	346.3	350.8	351.7	351.3
67.5°	336.4	350.2	363.7	375.3	387.4	398.8	408.7	417.0	423.6	428.0	430.4
65°	396.8	417.5	436.0	451.6	464.7	479.8	493.1	503.3	510.5	516.0	520.7
62.5°	468.0	493.1	514.1	535.0	556.4	577.3	590.4	603.5	616.4	628.5	638.8
60°	536.4	563.9	592.5	619.1	643.7	666.4	689.9	710.6	728.8	744.0	755.3
57.5°	609.4	642.9	675.3	709.1	740.9	770.6	799.5	826.3	849.4	868.8	884.7
55°	688.5	729.5	768.1	811.0	852.6	890.5	925.4	961.2	993.4	1021.7	1044.3
52.5°	773.9	827.2	878.3	928.7	982.5	1031.2	1074.7	1124.3	1168.3	1204.6	1233.0
50°	875.9	938.5	1005.9	1068.3	1136.3	1203.2	1264.9	1324.7	1383.2	1433.8	1474.7
47.5°	991.9	1069.0	1152.5	1235.3	1319.6	1411.2	1492.8	1568.7	1650.4	1721.4	1778.4
45°	1120.9	1219.2	1320.1	1436.4	1543.6	1661.1	1769.9	1867.6	1983.6	2085.7	2167.9
42.5°	1264.0	1394.9	1527.7	1674.2	1816.3	1965.6	2124.1	2264.7	2418.4	2565.0	2683.4
40°	1441.4	1597.9	1775.7	1953.0	2157.0	2348.7	2579.6	2789.4	2980.0	3154.8	3298.1
37.5°	1638.6	1840.0	2063.4	2294.3	2573.5	2847.1	3117.4	3372.6	3597.9	3789.3	3949.7
35°	1862.4	2118.4	2388.8	2726.0	3053.1	3380.8	3686.1	3965.1	4210.1	4426.0	4609.5
32.5°	2119.8	2427.1	2805.7	3184.5	3557.6	3918.4	4253.7	4557.9	4826.6	5068.9	5280.0
30°	2390.5	2809.7	3234.7	3650.2	4057.7	4453.0	4820.8	5155.9	5459.6	5729.4	5972.5
27.5°	2734.5	3199.0	3662.4	4110.3	4558.6	4991.2	5389.9	5762.2	6110.6	6415.5	6693.4
25°	3067.1	3580.3	4072.9	4561.3	5049.3	5513.8	5959.6	6380.0	6779.0	7129.0	7439.3
22.5°	3399.7	3936.9	4463.3	4988.4	5512.6	6030.4	6530.9	7012.6	7458.9	7857.4	8206.7
20°	3707.8	4269.3	4832.2	5398.4	5966.6	6533.3	7095.5	7637.6	8134.8	8594.9	8999.1
17.5°	3984.0	4581.2	5178.0	5783.5	6399.5	7014.8	7639.3	8247.0	8815.5	9338.9	9807.9
15°	4228.5	4851.7	5492.7	6146.1	6807.6	7475.8	8157.3	8837.2	9477.0	10071.6	10595.2
12.5°	4442.4	5090.3	5762.0	6456.4	7174.3	7902.3	8646.0	9391.2	10099.6	10786.0	11351.3
10°	4618.9	5293.2	5995.3	6724.9	7481.9	8265.4	9063.3	9865.6	10646.0	11374.1	12020.6
7.5°	4755.1	5454.7	6178.2	6937.0	7731.3	8557.5	9402.7	10254.1	11086.9	11871.5	12586.8
5°	4851.3	5572.3	6304.9	7094.2	7916.1	8772.2	9650.7	10537.9	11408.5	12233.5	12974.8
2.5°	4907.1	5642.9	6378.6	7189.7	8026.0	8902.2	9804.5	10706.3	11599.8	12455.5	13217.3
0°	4921.7	5664.0	6421.0	7199.9	8060.5	8963.0	9833.0	10737.6	11666.2	12510.0	13269.1
-2.5°	4907.1	5642.9	6378.6	7189.7	8026.0	8902.2	9804.5	10706.3	11599.8	12455.5	13217.3
-5°	4851.3	5572.3	6304.9	7094.2	7916.1	8772.2	9650.7	10537.9	11408.5	12233.5	12974.8
-7.5°	4755.1	5454.7	6178.2	6937.0	7731.3	8557.5	9402.7	10254.1	11086.9	11871.5	12586.8
-10°	4618.9	5293.2	5995.3	6724.9	7481.9	8265.4	9063.3	9865.6	10646.0	11374.1	12020.6
-12.5°	4442.4	5090.3	5762.0	6456.4	7174.3	7902.3	8646.0	9391.2	10099.6	10786.0	11351.3
-15°	4228.5	4851.7	5492.7	6146.1	6807.6	7475.8	8157.3	8837.2	9477.0	10071.6	10595.2
-17.5°	3984.0	4581.2	5178.0	5783.5	6399.5	7014.8	7639.3	8247.0	8815.5	9338.9	9807.9
-20°	3707.8	4269.3	4832.2	5398.4	5966.6	6533.3	7095.5	7637.6	8134.8	8594.9	8999.1



REPORT NUMBER: P627143 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3399.7	3936.9	4463.3	4988.4	5512.6	6030.4	6530.9	7012.6	7458.9	7857.4	8206.7
-25°	3067.1	3580.3	4072.9	4561.3	5049.3	5513.8	5959.6	6380.0	6779.0	7129.0	7439.3
-27.5°	2734.5	3199.0	3662.4	4110.3	4558.6	4991.2	5389.9	5762.2	6110.6	6415.5	6693.4
-30°	2390.5	2809.7	3234.7	3650.2	4057.7	4453.0	4820.8	5155.9	5459.6	5729.4	5972.5
-32.5°	2119.8	2427.1	2805.7	3184.5	3557.6	3918.4	4253.7	4557.9	4826.6	5068.9	5280.0
-35°	1862.4	2118.4	2388.8	2726.0	3053.1	3380.8	3686.1	3965.1	4210.1	4426.0	4609.5
-37.5°	1638.6	1840.0	2063.4	2294.3	2573.5	2847.1	3117.4	3372.6	3597.9	3789.3	3949.7
-40°	1441.4	1597.9	1775.7	1953.0	2157.0	2348.7	2579.6	2789.4	2980.0	3154.8	3298.1
-42.5°	1264.0	1394.9	1527.7	1674.2	1816.3	1965.6	2124.1	2264.7	2418.4	2565.0	2683.4
-45°	1120.9	1219.2	1320.1	1436.4	1543.6	1661.1	1769.9	1867.6	1983.6	2085.7	2167.9
-47.5°	991.9	1069.0	1152.5	1235.3	1319.6	1411.2	1492.8	1568.7	1650.4	1721.4	1778.4
-50°	875.9	938.5	1005.9	1068.3	1136.3	1203.2	1264.9	1324.7	1383.2	1433.8	1474.7
-52.5°	773.9	827.2	878.3	928.7	982.5	1031.2	1074.7	1124.3	1168.3	1204.6	1233.0
-55°	688.5	729.5	768.1	811.0	852.6	890.5	925.4	961.2	993.4	1021.7	1044.3
-57.5°	609.4	642.9	675.3	709.1	740.9	770.6	799.5	826.3	849.4	868.8	884.7
-60°	536.4	563.9	592.5	619.1	643.7	666.4	689.9	710.6	728.8	744.0	755.3
-62.5°	468.0	493.1	514.1	535.0	556.4	577.3	590.4	603.5	616.4	628.5	638.8
-65°	396.8	417.5	436.0	451.6	464.7	479.8	493.1	503.3	510.5	516.0	520.7
-67.5°	336.4	350.2	363.7	375.3	387.4	398.8	408.7	417.0	423.6	428.0	430.4
-70°	282.7	294.4	305.7	316.3	326.5	334.5	340.9	346.3	350.8	351.7	351.3
-72.5°	234.2	245.5	256.3	266.5	275.5	281.5	285.3	288.5	291.1	283.2	271.8
-75°	190.2	200.8	210.8	220.0	228.5	233.0	235.6	237.8	239.5	225.6	207.4
-77.5°	151.6	160.5	167.6	174.6	181.5	184.1	185.3	186.3	186.9	173.1	156.1
-80°	109.0	115.8	121.4	126.9	132.0	133.3	133.3	132.6	131.2	120.0	107.4
-82.5°	69.3	72.5	75.3	78.2	81.0	82.9	84.3	85.4	86.1	77.9	68.8
-85°	34.1	34.8	35.2	35.4	35.4	36.6	37.7	38.6	39.5	35.8	31.7
-87.5°	7.7	7.5	7.2	6.9	6.6	6.5	6.4	6.2	6.1	5.6	5.2
-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: P627143 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-727-U-WR-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°	4.7	4.2	3.6	3.1	3.6	4.2	4.7	5.2	5.6	6.1	6.2
85°	27.4	22.9	22.5	22.0	22.5	22.9	27.4	31.7	35.8	39.5	38.6
82.5°	59.1	49.1	47.6	46.1	47.6	49.1	59.1	68.8	77.9	86.1	85.4
80°	94.2	80.5	77.9	75.4	77.9	80.5	94.2	107.4	120.0	131.2	132.6
77.5°	138.2	119.6	114.1	108.9	114.1	119.6	138.2	156.1	173.1	186.9	186.3
75°	188.5	168.9	162.2	156.0	162.2	168.9	188.5	207.4	225.6	239.5	237.8
72.5°	260.3	248.3	236.2	223.0	236.2	248.3	260.3	271.8	283.2	291.1	288.5
70°	350.9	350.1	347.1	342.4	347.1	350.1	350.9	351.3	351.7	350.8	346.3
67.5°	431.5	431.1	432.2	432.4	432.2	431.1	431.5	430.4	428.0	423.6	417.0
65°	523.6	524.6	526.7	527.7	526.7	524.6	523.6	520.7	516.0	510.5	503.3
62.5°	646.7	652.0	654.6	654.3	654.6	652.0	646.7	638.8	628.5	616.4	603.5
60°	763.7	769.3	772.8	773.7	772.8	769.3	763.7	755.3	744.0	728.8	710.6
57.5°	897.3	906.4	911.2	911.9	911.2	906.4	897.3	884.7	868.8	849.4	826.3
55°	1061.5	1073.6	1079.0	1078.4	1079.0	1073.6	1061.5	1044.3	1021.7	993.4	961.2
52.5°	1254.4	1269.1	1280.0	1286.7	1280.0	1269.1	1254.4	1233.0	1204.6	1168.3	1124.3
50°	1505.4	1526.5	1539.9	1545.3	1539.9	1526.5	1505.4	1474.7	1433.8	1383.2	1324.7
47.5°	1819.5	1847.4	1868.0	1882.4	1868.0	1847.4	1819.5	1778.4	1721.4	1650.4	1568.7
45°	2228.6	2271.1	2300.0	2316.9	2300.0	2271.1	2228.6	2167.9	2085.7	1983.6	1867.6
42.5°	2776.0	2842.0	2882.5	2898.0	2882.5	2842.0	2776.0	2683.4	2565.0	2418.4	2264.7
40°	3411.2	3490.5	3542.5	3578.5	3542.5	3490.5	3411.2	3298.1	3154.8	2980.0	2789.4
37.5°	4072.9	4156.2	4206.8	4241.2	4206.8	4156.2	4072.9	3949.7	3789.3	3597.9	3372.6
35°	4747.9	4835.1	4882.6	4909.2	4882.6	4835.1	4747.9	4609.5	4426.0	4210.1	3965.1
32.5°	5440.8	5536.9	5588.6	5642.0	5588.6	5536.9	5440.8	5280.0	5068.9	4826.6	4557.9
30°	6164.6	6274.9	6328.9	6355.0	6328.9	6274.9	6164.6	5972.5	5729.4	5459.6	5155.9
27.5°	6917.7	7055.2	7122.8	7167.4	7122.8	7055.2	6917.7	6693.4	6415.5	6110.6	5762.2
25°	7701.4	7871.7	7949.2	8018.6	7949.2	7871.7	7701.4	7439.3	7129.0	6779.0	6380.0
22.5°	8514.4	8726.5	8816.3	8865.6	8816.3	8726.5	8514.4	8206.7	7857.4	7458.9	7012.6
20°	9348.7	9602.1	9726.9	9791.1	9726.9	9602.1	9348.7	8999.1	8594.9	8134.8	7637.6
17.5°	10201.8	10517.0	10678.5	10715.6	10678.5	10517.0	10201.8	9807.9	9338.9	8815.5	8247.0
15°	11039.3	11380.3	11571.2	11641.1	11571.2	11380.3	11039.3	10595.2	10071.6	9477.0	8837.2
12.5°	11832.5	12185.9	12413.9	12454.6	12413.9	12185.9	11832.5	11351.3	10786.0	10099.6	9391.2
10°	12551.8	12917.9	13169.8	13227.2	13169.8	12917.9	12551.8	12020.6	11374.1	10646.0	9865.6
7.5°	13153.2	13554.8	13833.1	13881.6	13833.1	13554.8	13153.2	12586.8	11871.5	11086.9	10254.1
5°	13593.1	14070.1	14298.5	14355.8	14298.5	14070.1	13593.1	12974.8	12233.5	11408.5	10537.9
2.5°	13834.5	14320.0	14637.5	14600.8	14637.5	14320.0	13834.5	13217.3	12455.5	11599.8	10706.3
0°	13861.7	14369.4	14673.1	14813.3	14673.1	14369.4	13861.7	13269.1	12510.0	11666.2	10737.6
-2.5°	13834.5	14320.0	14637.5	14600.8	14637.5	14320.0	13834.5	13217.3	12455.5	11599.8	10706.3
-5°	13593.1	14070.1	14298.5	14355.8	14298.5	14070.1	13593.1	12974.8	12233.5	11408.5	10537.9
-7.5°	13153.2	13554.8	13833.1	13881.6	13833.1	13554.8	13153.2	12586.8	11871.5	11086.9	10254.1
-10°	12551.8	12917.9	13169.8	13227.2	13169.8	12917.9	12551.8	12020.6	11374.1	10646.0	9865.6
-12.5°	11832.5	12185.9	12413.9	12454.6	12413.9	12185.9	11832.5	11351.3	10786.0	10099.6	9391.2
-15°	11039.3	11380.3	11571.2	11641.1	11571.2	11380.3	11039.3	10595.2	10071.6	9477.0	8837.2
-17.5°	10201.8	10517.0	10678.5	10715.6	10678.5	10517.0	10201.8	9807.9	9338.9	8815.5	8247.0
-20°	9348.7	9602.1	9726.9	9791.1	9726.9	9602.1	9348.7	8999.1	8594.9	8134.8	7637.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627143 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3C-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	8514.4	8726.5	8816.3	8865.6	8816.3	8726.5	8514.4	8206.7	7857.4	7458.9	7012.6
-25°	7701.4	7871.7	7949.2	8018.6	7949.2	7871.7	7701.4	7439.3	7129.0	6779.0	6380.0
-27.5°	6917.7	7055.2	7122.8	7167.4	7122.8	7055.2	6917.7	6693.4	6415.5	6110.6	5762.2
-30°	6164.6	6274.9	6328.9	6355.0	6328.9	6274.9	6164.6	5972.5	5729.4	5459.6	5155.9
-32.5°	5440.8	5536.9	5588.6	5642.0	5588.6	5536.9	5440.8	5280.0	5068.9	4826.6	4557.9
-35°	4747.9	4835.1	4882.6	4909.2	4882.6	4835.1	4747.9	4609.5	4426.0	4210.1	3965.1
-37.5°	4072.9	4156.2	4206.8	4241.2	4206.8	4156.2	4072.9	3949.7	3789.3	3597.9	3372.6
-40°	3411.2	3490.5	3542.5	3578.5	3542.5	3490.5	3411.2	3298.1	3154.8	2980.0	2789.4
-42.5°	2776.0	2842.0	2882.5	2898.0	2882.5	2842.0	2776.0	2683.4	2565.0	2418.4	2264.7
-45°	2228.6	2271.1	2300.0	2316.9	2300.0	2271.1	2228.6	2167.9	2085.7	1983.6	1867.6
-47.5°	1819.5	1847.4	1868.0	1882.4	1868.0	1847.4	1819.5	1778.4	1721.4	1650.4	1568.7
-50°	1505.4	1526.5	1539.9	1545.3	1539.9	1526.5	1505.4	1474.7	1433.8	1383.2	1324.7
-52.5°	1254.4	1269.1	1280.0	1286.7	1280.0	1269.1	1254.4	1233.0	1204.6	1168.3	1124.3
-55°	1061.5	1073.6	1079.0	1078.4	1079.0	1073.6	1061.5	1044.3	1021.7	993.4	961.2
-57.5°	897.3	906.4	911.2	911.9	911.2	906.4	897.3	884.7	868.8	849.4	826.3
-60°	763.7	769.3	772.8	773.7	772.8	769.3	763.7	755.3	744.0	728.8	710.6
-62.5°	646.7	652.0	654.6	654.3	654.6	652.0	646.7	638.8	628.5	616.4	603.5
-65°	523.6	524.6	526.7	527.7	526.7	524.6	523.6	520.7	516.0	510.5	503.3
-67.5°	431.5	431.1	432.2	432.4	432.2	431.1	431.5	430.4	428.0	423.6	417.0
-70°	350.9	350.1	347.1	342.4	347.1	350.1	350.9	351.3	351.7	350.8	346.3
-72.5°	260.3	248.3	236.2	223.0	236.2	248.3	260.3	271.8	283.2	291.1	288.5
-75°	188.5	168.9	162.2	156.0	162.2	168.9	188.5	207.4	225.6	239.5	237.8
-77.5°	138.2	119.6	114.1	108.9	114.1	119.6	138.2	156.1	173.1	186.9	186.3
-80°	94.2	80.5	77.9	75.4	77.9	80.5	94.2	107.4	120.0	131.2	132.6
-82.5°	59.1	49.1	47.6	46.1	47.6	49.1	59.1	68.8	77.9	86.1	85.4
-85°	27.4	22.9	22.5	22.0	22.5	22.9	27.4	31.7	35.8	39.5	38.6
-87.5°	4.7	4.2	3.6	3.1	3.6	4.2	4.7	5.2	5.6	6.1	6.2
-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: P627143 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-727-U-WR-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°	6.4	6.5	6.6	6.9	7.2	7.5	7.7	7.5	7.2	6.9	6.7
85°	37.7	36.6	35.4	35.4	35.2	34.8	34.1	30.5	27.2	24.0	21.2
82.5°	84.3	82.9	81.0	78.2	75.3	72.5	69.3	61.9	54.8	48.0	42.4
80°	133.3	133.3	132.0	126.9	121.4	115.8	109.0	97.4	86.1	75.6	68.3
77.5°	185.3	184.1	181.5	174.6	167.6	160.5	151.6	136.5	121.5	107.0	97.6
75°	235.6	233.0	228.5	220.0	210.8	200.8	190.2	177.1	162.2	145.3	133.0
72.5°	285.3	281.5	275.5	266.5	256.3	245.5	234.2	221.5	206.8	190.2	177.8
70°	340.9	334.5	326.5	316.3	305.7	294.4	282.7	269.6	254.4	237.8	224.6
67.5°	408.7	398.8	387.4	375.3	363.7	350.2	336.4	321.6	306.2	288.7	272.1
65°	493.1	479.8	464.7	451.6	436.0	417.5	396.8	378.7	360.8	341.2	319.5
62.5°	590.4	577.3	556.4	535.0	514.1	493.1	468.0	442.6	418.2	393.6	368.2
60°	689.9	666.4	643.7	619.1	592.5	563.9	536.4	507.5	477.3	447.7	417.4
57.5°	799.5	770.6	740.9	709.1	675.3	642.9	609.4	573.4	539.2	503.3	467.1
55°	925.4	890.5	852.6	811.0	768.1	729.5	688.5	647.4	605.7	560.6	520.6
52.5°	1074.7	1031.2	982.5	928.7	878.3	827.2	773.9	727.2	676.3	626.2	576.3
50°	1264.9	1203.2	1136.3	1068.3	1005.9	938.5	875.9	814.4	752.8	694.8	636.7
47.5°	1492.8	1411.2	1319.6	1235.3	1152.5	1069.0	991.9	910.7	840.0	766.9	702.4
45°	1769.9	1661.1	1543.6	1436.4	1320.1	1219.2	1120.9	1027.5	934.7	852.1	769.7
42.5°	2124.1	1965.6	1816.3	1674.2	1527.7	1394.9	1264.0	1153.3	1044.4	942.2	849.3
40°	2579.6	2348.7	2157.0	1953.0	1775.7	1597.9	1441.4	1287.9	1164.2	1043.1	929.9
37.5°	3117.4	2847.1	2573.5	2294.3	2063.4	1840.0	1638.6	1457.9	1289.5	1151.9	1021.2
35°	3686.1	3380.8	3053.1	2726.0	2388.8	2118.4	1862.4	1639.7	1443.3	1265.7	1115.1
32.5°	4253.7	3918.4	3557.6	3184.5	2805.7	2427.1	2119.8	1844.0	1598.3	1396.1	1217.8
30°	4820.8	4453.0	4057.7	3650.2	3234.7	2809.7	2390.5	2068.3	1779.8	1526.2	1321.2
27.5°	5389.9	4991.2	4558.6	4110.3	3662.4	3199.0	2734.5	2299.8	1962.7	1676.1	1434.5
25°	5959.6	5513.8	5049.3	4561.3	4072.9	3580.3	3067.1	2582.5	2167.9	1826.1	1539.0
22.5°	6530.9	6030.4	5512.6	4988.4	4463.3	3936.9	3399.7	2859.5	2362.3	1978.7	1661.4
20°	7095.5	6533.3	5966.6	5398.4	4832.2	4269.3	3707.8	3131.1	2590.7	2136.6	1775.6
17.5°	7639.3	7014.8	6399.5	5783.5	5178.0	4581.2	3984.0	3381.7	2794.7	2277.2	1876.4
15°	8157.3	7475.8	6807.6	6146.1	5492.7	4851.7	4228.5	3601.7	2980.3	2423.8	1986.9
12.5°	8646.0	7902.3	7174.3	6456.4	5762.0	5090.3	4442.4	3794.9	3155.0	2566.7	2085.4
10°	9063.3	8265.4	7481.9	6724.9	5995.3	5293.2	4618.9	3958.3	3304.8	2685.6	2166.0
7.5°	9402.7	8557.5	7731.3	6937.0	6178.2	5454.7	4755.1	4083.7	3423.4	2778.5	2228.2
5°	9650.7	8772.2	7916.1	7094.2	6304.9	5572.3	4851.3	4169.5	3509.4	2844.6	2271.7
2.5°	9804.5	8902.2	8026.0	7189.7	6378.6	5642.9	4907.1	4221.4	3558.5	2880.9	2299.0
0°	9833.0	8963.0	8060.5	7199.9	6421.0	5664.0	4921.7	4240.2	3571.2	2888.5	2307.5
-2.5°	9804.5	8902.2	8026.0	7189.7	6378.6	5642.9	4907.1	4221.4	3558.5	2880.9	2299.0
-5°	9650.7	8772.2	7916.1	7094.2	6304.9	5572.3	4851.3	4169.5	3509.4	2844.6	2271.7
-7.5°	9402.7	8557.5	7731.3	6937.0	6178.2	5454.7	4755.1	4083.7	3423.4	2778.5	2228.2
-10°	9063.3	8265.4	7481.9	6724.9	5995.3	5293.2	4618.9	3958.3	3304.8	2685.6	2166.0
-12.5°	8646.0	7902.3	7174.3	6456.4	5762.0	5090.3	4442.4	3794.9	3155.0	2566.7	2085.4
-15°	8157.3	7475.8	6807.6	6146.1	5492.7	4851.7	4228.5	3601.7	2980.3	2423.8	1986.9
-17.5°	7639.3	7014.8	6399.5	5783.5	5178.0	4581.2	3984.0	3381.7	2794.7	2277.2	1876.4
-20°	7095.5	6533.3	5966.6	5398.4	4832.2	4269.3	3707.8	3131.1	2590.7	2136.6	1775.6



REPORT NUMBER: P627143 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6530.9	6030.4	5512.6	4988.4	4463.3	3936.9	3399.7	2859.5	2362.3	1978.7	1661.4
-25°	5959.6	5513.8	5049.3	4561.3	4072.9	3580.3	3067.1	2582.5	2167.9	1826.1	1539.0
-27.5°	5389.9	4991.2	4558.6	4110.3	3662.4	3199.0	2734.5	2299.8	1962.7	1676.1	1434.5
-30°	4820.8	4453.0	4057.7	3650.2	3234.7	2809.7	2390.5	2068.3	1779.8	1526.2	1321.2
-32.5°	4253.7	3918.4	3557.6	3184.5	2805.7	2427.1	2119.8	1844.0	1598.3	1396.1	1217.8
-35°	3686.1	3380.8	3053.1	2726.0	2388.8	2118.4	1862.4	1639.7	1443.3	1265.7	1115.1
-37.5°	3117.4	2847.1	2573.5	2294.3	2063.4	1840.0	1638.6	1457.9	1289.5	1151.9	1021.2
-40°	2579.6	2348.7	2157.0	1953.0	1775.7	1597.9	1441.4	1287.9	1164.2	1043.1	929.9
-42.5°	2124.1	1965.6	1816.3	1674.2	1527.7	1394.9	1264.0	1153.3	1044.4	942.2	849.3
-45°	1769.9	1661.1	1543.6	1436.4	1320.1	1219.2	1120.9	1027.5	934.7	852.1	769.7
-47.5°	1492.8	1411.2	1319.6	1235.3	1152.5	1069.0	991.9	910.7	840.0	766.9	702.4
-50°	1264.9	1203.2	1136.3	1068.3	1005.9	938.5	875.9	814.4	752.8	694.8	636.7
-52.5°	1074.7	1031.2	982.5	928.7	878.3	827.2	773.9	727.2	676.3	626.2	576.3
-55°	925.4	890.5	852.6	811.0	768.1	729.5	688.5	647.4	605.7	560.6	520.6
-57.5°	799.5	770.6	740.9	709.1	675.3	642.9	609.4	573.4	539.2	503.3	467.1
-60°	689.9	666.4	643.7	619.1	592.5	563.9	536.4	507.5	477.3	447.7	417.4
-62.5°	590.4	577.3	556.4	535.0	514.1	493.1	468.0	442.6	418.2	393.6	368.2
-65°	493.1	479.8	464.7	451.6	436.0	417.5	396.8	378.7	360.8	341.2	319.5
-67.5°	408.7	398.8	387.4	375.3	363.7	350.2	336.4	321.6	306.2	288.7	272.1
-70°	340.9	334.5	326.5	316.3	305.7	294.4	282.7	269.6	254.4	237.8	224.6
-72.5°	285.3	281.5	275.5	266.5	256.3	245.5	234.2	221.5	206.8	190.2	177.8
-75°	235.6	233.0	228.5	220.0	210.8	200.8	190.2	177.1	162.2	145.3	133.0
-77.5°	185.3	184.1	181.5	174.6	167.6	160.5	151.6	136.5	121.5	107.0	97.6
-80°	133.3	133.3	132.0	126.9	121.4	115.8	109.0	97.4	86.1	75.6	68.3
-82.5°	84.3	82.9	81.0	78.2	75.3	72.5	69.3	61.9	54.8	48.0	42.4
-85°	37.7	36.6	35.4	35.4	35.2	34.8	34.1	30.5	27.2	24.0	21.2
-87.5°	6.4	6.5	6.6	6.9	7.2	7.5	7.7	7.5	7.2	6.9	6.7
-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: P627143 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-727-U-WR-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°	7.4	8.1	8.6	9.0	9.3	9.4	9.4	9.3	8.9	8.4	7.8
85°	22.2	22.6	22.6	21.9	20.4	18.9	18.9	18.6	17.8	16.8	15.6
82.5°	44.1	45.5	46.2	45.9	43.1	40.1	36.9	33.5	29.9	25.8	23.4
80°	70.8	72.4	72.9	71.7	66.6	61.2	56.5	51.6	46.9	41.5	35.5
77.5°	99.7	100.8	101.1	99.3	92.8	85.9	78.4	70.6	63.9	57.2	49.7
75°	130.7	131.1	130.8	127.4	119.5	110.6	101.5	91.7	82.0	72.9	63.9
72.5°	171.0	165.5	161.4	155.9	147.2	137.1	125.6	112.6	100.2	88.6	77.8
70°	213.2	201.6	192.5	184.2	174.5	163.9	151.1	134.8	118.2	104.1	91.0
67.5°	257.1	242.7	228.2	213.1	201.2	189.2	176.2	156.6	136.8	119.3	103.9
65°	300.0	282.2	265.8	246.1	228.9	214.2	199.5	177.3	154.7	134.3	116.4
62.5°	343.1	319.3	298.7	277.4	256.6	238.4	221.8	196.6	171.8	148.7	128.4
60°	387.5	359.5	331.5	306.9	283.4	261.3	240.7	215.2	188.4	162.4	139.7
57.5°	433.4	399.9	367.8	337.2	309.8	284.4	258.9	232.4	204.4	176.2	149.9
55°	479.8	441.9	404.3	369.1	336.7	307.7	277.7	248.9	219.8	189.8	158.0
52.5°	529.5	485.1	442.7	401.7	364.6	330.5	297.9	265.0	234.4	202.8	166.9
50°	582.3	530.9	482.5	436.6	392.2	354.3	317.5	282.7	248.7	215.3	175.2
47.5°	637.7	579.5	524.4	471.8	423.6	377.3	338.0	300.0	262.6	227.7	182.7
45°	698.6	629.5	567.4	509.7	453.7	403.5	358.3	316.8	277.7	236.6	189.5
42.5°	759.9	683.4	612.0	546.4	486.5	429.8	377.7	334.2	292.2	244.8	196.1
40°	830.6	738.5	656.9	585.8	518.9	455.0	400.1	351.0	305.7	252.8	202.6
37.5°	899.5	797.8	705.9	623.4	550.8	483.4	421.7	366.9	316.3	261.7	208.5
35°	980.6	859.0	752.6	663.2	583.7	510.5	442.0	383.2	328.0	270.1	213.7
32.5°	1059.5	921.4	805.1	703.9	614.7	536.1	463.5	399.9	339.8	278.2	218.3
30°	1146.2	989.2	854.7	742.0	645.6	562.5	485.3	415.6	351.8	285.8	222.7
27.5°	1229.4	1051.7	902.8	782.4	678.1	587.1	505.3	430.2	363.9	293.7	228.2
25°	1311.9	1119.3	956.0	820.9	708.0	609.6	523.8	444.0	375.7	302.6	233.2
22.5°	1401.5	1184.6	1003.8	855.6	735.1	630.0	541.4	459.0	386.5	311.1	237.5
20°	1483.8	1243.6	1046.6	888.7	761.9	652.1	557.9	472.5	396.2	319.0	241.2
17.5°	1561.4	1303.6	1094.3	924.5	787.4	671.6	572.4	484.3	404.7	326.4	244.1
15°	1642.9	1363.2	1137.2	955.5	809.4	688.4	584.9	494.4	412.1	333.0	246.9
12.5°	1712.5	1413.6	1173.3	981.6	827.8	702.5	595.3	502.9	418.3	338.6	249.5
10°	1769.8	1454.6	1202.3	1002.6	842.7	713.7	603.6	509.8	423.4	342.9	250.9
7.5°	1814.4	1485.8	1224.3	1018.6	854.1	722.6	610.5	515.1	427.4	346.0	251.2
5°	1845.6	1507.6	1240.5	1029.8	862.8	728.9	615.4	518.6	430.1	347.6	250.4
2.5°	1862.0	1520.0	1250.4	1035.7	867.8	732.4	618.1	520.4	431.4	347.8	248.7
0°	1864.6	1522.3	1253.2	1036.5	869.0	732.9	618.7	520.3	431.3	346.5	246.0
-2.5°	1862.0	1520.0	1250.4	1035.7	867.8	732.4	618.1	520.4	431.4	347.8	248.7
-5°	1845.6	1507.6	1240.5	1029.8	862.8	728.9	615.4	518.6	430.1	347.6	250.4
-7.5°	1814.4	1485.8	1224.3	1018.6	854.1	722.6	610.5	515.1	427.4	346.0	251.2
-10°	1769.8	1454.6	1202.3	1002.6	842.7	713.7	603.6	509.8	423.4	342.9	250.9
-12.5°	1712.5	1413.6	1173.3	981.6	827.8	702.5	595.3	502.9	418.3	338.6	249.5
-15°	1642.9	1363.2	1137.2	955.5	809.4	688.4	584.9	494.4	412.1	333.0	246.9
-17.5°	1561.4	1303.6	1094.3	924.5	787.4	671.6	572.4	484.3	404.7	326.4	244.1
-20°	1483.8	1243.6	1046.6	888.7	761.9	652.1	557.9	472.5	396.2	319.0	241.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627143 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3C-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1401.5	1184.6	1003.8	855.6	735.1	630.0	541.4	459.0	386.5	311.1	237.5
-25°	1311.9	1119.3	956.0	820.9	708.0	609.6	523.8	444.0	375.7	302.6	233.2
-27.5°	1229.4	1051.7	902.8	782.4	678.1	587.1	505.3	430.2	363.9	293.7	228.2
-30°	1146.2	989.2	854.7	742.0	645.6	562.5	485.3	415.6	351.8	285.8	222.7
-32.5°	1059.5	921.4	805.1	703.9	614.7	536.1	463.5	399.9	339.8	278.2	218.3
-35°	980.6	859.0	752.6	663.2	583.7	510.5	442.0	383.2	328.0	270.1	213.7
-37.5°	899.5	797.8	705.9	623.4	550.8	483.4	421.7	366.9	316.3	261.7	208.5
-40°	830.6	738.5	656.9	585.8	518.9	455.0	400.1	351.0	305.7	252.8	202.6
-42.5°	759.9	683.4	612.0	546.4	486.5	429.8	377.7	334.2	292.2	244.8	196.1
-45°	698.6	629.5	567.4	509.7	453.7	403.5	358.3	316.8	277.7	236.6	189.5
-47.5°	637.7	579.5	524.4	471.8	423.6	377.3	338.0	300.0	262.6	227.7	182.7
-50°	582.3	530.9	482.5	436.6	392.2	354.3	317.5	282.7	248.7	215.3	175.2
-52.5°	529.5	485.1	442.7	401.7	364.6	330.5	297.9	265.0	234.4	202.8	166.9
-55°	479.8	441.9	404.3	369.1	336.7	307.7	277.7	248.9	219.8	189.8	158.0
-57.5°	433.4	399.9	367.8	337.2	309.8	284.4	258.9	232.4	204.4	176.2	149.9
-60°	387.5	359.5	331.5	306.9	283.4	261.3	240.7	215.2	188.4	162.4	139.7
-62.5°	343.1	319.3	298.7	277.4	256.6	238.4	221.8	196.6	171.8	148.7	128.4
-65°	300.0	282.2	265.8	246.1	228.9	214.2	199.5	177.3	154.7	134.3	116.4
-67.5°	257.1	242.7	228.2	213.1	201.2	189.2	176.2	156.6	136.8	119.3	103.9
-70°	213.2	201.6	192.5	184.2	174.5	163.9	151.1	134.8	118.2	104.1	91.0
-72.5°	171.0	165.5	161.4	155.9	147.2	137.1	125.6	112.6	100.2	88.6	77.8
-75°	130.7	131.1	130.8	127.4	119.5	110.6	101.5	91.7	82.0	72.9	63.9
-77.5°	99.7	100.8	101.1	99.3	92.8	85.9	78.4	70.6	63.9	57.2	49.7
-80°	70.8	72.4	72.9	71.7	66.6	61.2	56.5	51.6	46.9	41.5	35.5
-82.5°	44.1	45.5	46.2	45.9	43.1	40.1	36.9	33.5	29.9	25.8	23.4
-85°	22.2	22.6	22.6	21.9	20.4	18.9	18.9	18.6	17.8	16.8	15.6
-87.5°	7.4	8.1	8.6	9.0	9.3	9.4	9.4	9.3	8.9	8.4	7.8
-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: P627143 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3C-727-U-WR-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	5.5	4.1	2.8	1.7	0.8	0.0
85°	14.0	11.0	8.2	5.7	3.5	1.5	0.0
82.5°	21.0	16.4	12.2	8.5	5.2	2.3	0.0
80°	28.5	21.7	16.2	11.2	6.9	3.0	0.0
77.5°	40.7	28.3	20.1	14.0	8.6	3.7	0.0
75°	52.6	37.0	24.4	16.7	10.2	4.5	0.0
72.5°	64.1	45.4	30.2	19.3	11.8	5.2	0.0
70°	74.9	53.5	35.8	22.1	13.4	5.9	0.0
67.5°	84.4	61.3	41.2	25.5	14.9	6.5	0.0
65°	93.4	68.4	46.3	28.8	16.4	7.2	0.0
62.5°	101.9	74.9	51.2	31.9	17.8	7.9	0.0
60°	109.8	81.0	55.7	34.8	19.2	8.5	0.0
57.5°	117.0	86.7	59.9	37.6	20.9	9.1	0.0
55°	123.6	91.9	63.8	40.1	22.5	9.7	0.0
52.5°	129.7	96.7	67.3	42.4	24.0	10.2	0.0
50°	135.2	101.1	70.6	44.5	25.5	10.7	0.0
47.5°	140.3	105.1	73.5	46.4	26.9	11.2	0.0
45°	146.1	108.6	76.1	48.3	28.2	11.7	0.0
42.5°	151.2	111.7	78.3	50.0	29.5	12.1	0.0
40°	155.7	114.3	80.3	51.8	30.6	12.5	0.0
37.5°	159.5	116.4	82.0	53.7	31.7	12.9	0.0
35°	162.7	118.8	83.5	55.4	32.8	13.3	0.0
32.5°	165.6	121.0	84.6	57.0	33.7	13.6	0.0
30°	168.9	122.8	85.4	58.4	34.5	13.9	0.0
27.5°	171.5	124.0	87.2	59.6	35.3	14.1	0.0
25°	173.6	124.7	89.0	60.7	36.0	14.3	0.0
22.5°	175.1	125.7	90.5	61.6	36.5	14.5	0.0
20°	175.9	128.0	91.8	62.4	37.0	14.6	0.0
17.5°	177.9	129.9	92.9	63.0	37.4	14.8	0.0
15°	180.3	131.3	93.8	63.4	37.7	14.8	0.0
12.5°	182.0	132.4	94.5	63.7	38.0	14.9	0.0
10°	183.1	133.1	94.9	63.8	38.1	14.9	0.0
7.5°	183.5	133.3	95.1	63.8	38.1	14.9	0.0
5°	183.3	133.2	95.0	63.6	38.1	14.9	0.0
2.5°	182.5	132.8	94.7	63.3	37.9	14.8	0.0
0°	181.1	131.9	94.2	62.8	37.7	14.7	0.0
-2.5°	182.5	132.8	94.7	63.3	37.9	14.8	0.0
-5°	183.3	133.2	95.0	63.6	38.1	14.9	0.0
-7.5°	183.5	133.3	95.1	63.8	38.1	14.9	0.0
-10°	183.1	133.1	94.9	63.8	38.1	14.9	0.0
-12.5°	182.0	132.4	94.5	63.7	38.0	14.9	0.0
-15°	180.3	131.3	93.8	63.4	37.7	14.8	0.0
-17.5°	177.9	129.9	92.9	63.0	37.4	14.8	0.0
-20°	175.9	128.0	91.8	62.4	37.0	14.6	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627143 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3C-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	175.1	125.7	90.5	61.6	36.5	14.5	0.0
-25°	173.6	124.7	89.0	60.7	36.0	14.3	0.0
-27.5°	171.5	124.0	87.2	59.6	35.3	14.1	0.0
-30°	168.9	122.8	85.4	58.4	34.5	13.9	0.0
-32.5°	165.6	121.0	84.6	57.0	33.7	13.6	0.0
-35°	162.7	118.8	83.5	55.4	32.8	13.3	0.0
-37.5°	159.5	116.4	82.0	53.7	31.7	12.9	0.0
-40°	155.7	114.3	80.3	51.8	30.6	12.5	0.0
-42.5°	151.2	111.7	78.3	50.0	29.5	12.1	0.0
-45°	146.1	108.6	76.1	48.3	28.2	11.7	0.0
-47.5°	140.3	105.1	73.5	46.4	26.9	11.2	0.0
-50°	135.2	101.1	70.6	44.5	25.5	10.7	0.0
-52.5°	129.7	96.7	67.3	42.4	24.0	10.2	0.0
-55°	123.6	91.9	63.8	40.1	22.5	9.7	0.0
-57.5°	117.0	86.7	59.9	37.6	20.9	9.1	0.0
-60°	109.8	81.0	55.7	34.8	19.2	8.5	0.0
-62.5°	101.9	74.9	51.2	31.9	17.8	7.9	0.0
-65°	93.4	68.4	46.3	28.8	16.4	7.2	0.0
-67.5°	84.4	61.3	41.2	25.5	14.9	6.5	0.0
-70°	74.9	53.5	35.8	22.1	13.4	5.9	0.0
-72.5°	64.1	45.4	30.2	19.3	11.8	5.2	0.0
-75°	52.6	37.0	24.4	16.7	10.2	4.5	0.0
-77.5°	40.7	28.3	20.1	14.0	8.6	3.7	0.0
-80°	28.5	21.7	16.2	11.2	6.9	3.0	0.0
-82.5°	21.0	16.4	12.2	8.5	5.2	2.3	0.0
-85°	14.0	11.0	8.2	5.7	3.5	1.5	0.0
-87.5°	7.0	5.5	4.1	2.8	1.7	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)