

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: P626959 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2D-727-U-NR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P626959 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2D-727-U-NR-XX
Description: GALLEON FLOOD, TWO LIGHT SQUARE, NARROW SYMMETRICAL ROUND N39
Light Source: (32) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12575.7 lumens
Efficiency: N/A
Efficacy: 115.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 3H x 3V
Max Intensity: 118432.1 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.7°H x 13.6°V
Beam Lumens: 3718.1 lumens
Beam Efficiency: 29.6%

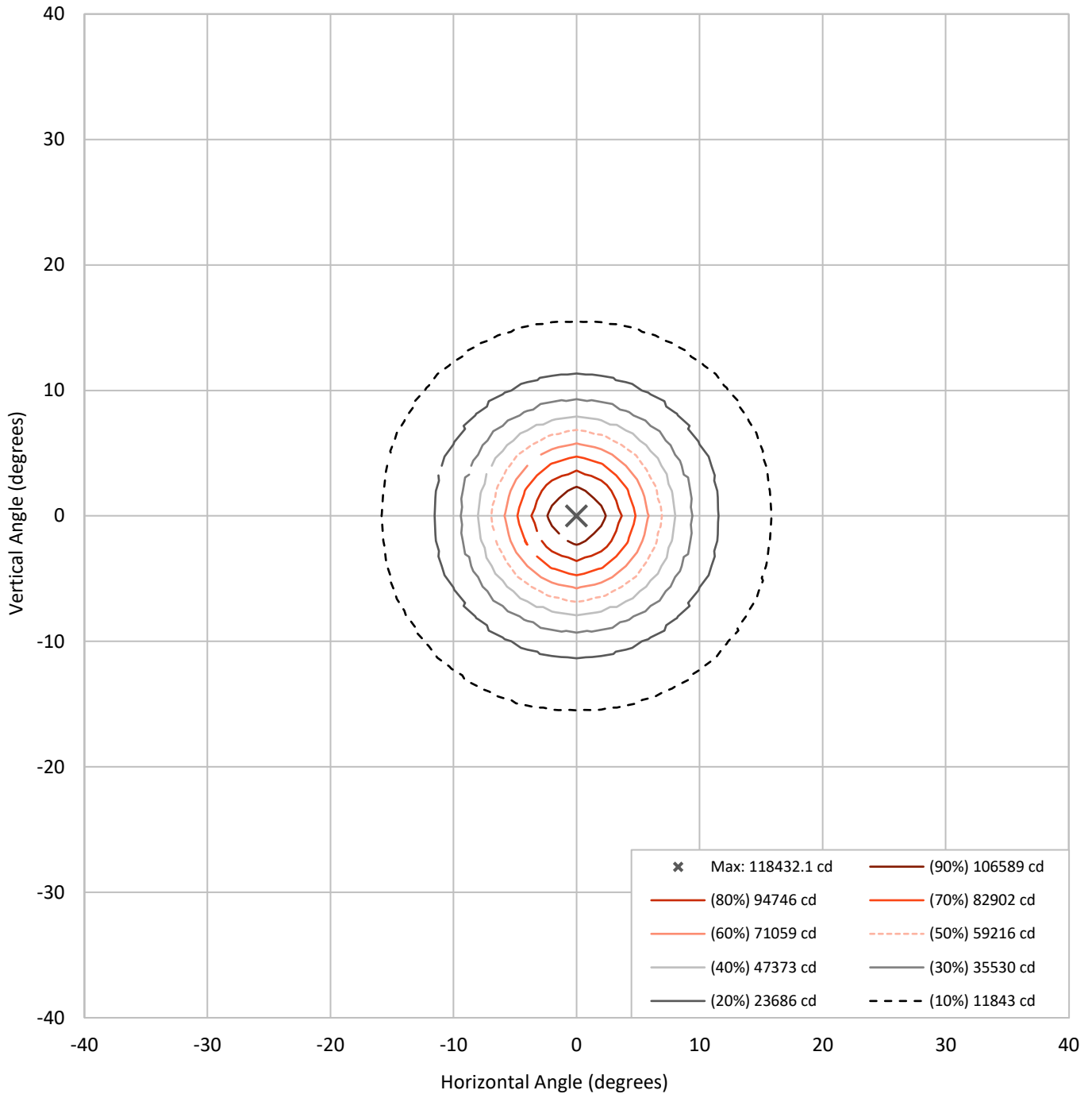
Field Angle (10%): 31.6°H x 30.6°V
Field Lumens: 8367.2 lumens
Field Efficiency: 66.5%

Input Watts (W): 108.74
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: P626959 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2D-727-U-NR-XX

Iso-Candela Plot





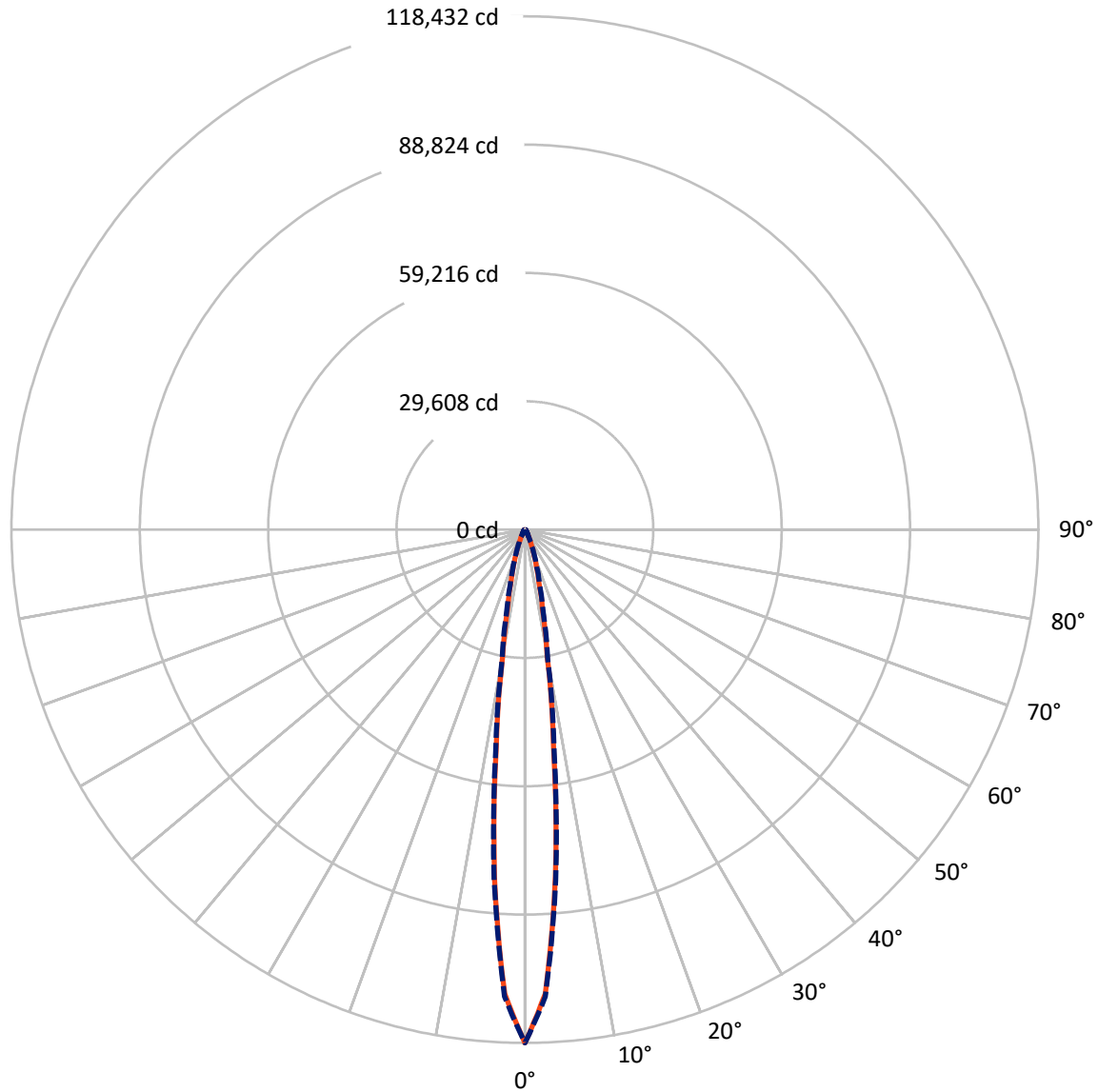
REPORT NUMBER: P626959 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-727-U-NR-XX

Lumen Table

90	0.2	1.7	4.5	7.3	8.0	7.3	4.5	1.7	0.2							
80	0.2	1.7	4.5	7.3	8.0	7.3	4.5	1.7	0.2							
70	0.8	0.9	1.8	3.0	4.2	5.2	5.8	6.1	6.1	5.8	5.2	4.2	3.0	1.8	0.9	0.8
60		1.3	2.7	4.4	5.9	7.3	8.1	8.5	8.5	8.1	7.3	5.9	4.4	2.7	1.3	
50	1.4	1.7	3.5	5.5	7.3	9.1	10.8	11.6	11.6	10.8	9.1	7.3	5.5	3.5	1.7	1.4
40		2.1	4.2	6.3	8.9	12.9	18.1	22.4	22.4	18.1	12.9	8.9	6.3	4.2	2.1	
30	1.8	2.4	4.5	7.1	11.6	23.0	52.3	86.6	86.6	52.3	23.0	11.6	7.1	4.5	2.4	1.8
20		2.5	4.8	7.8	15.4	48.8	173.2	373.1	373.1	173.2	48.8	15.4	7.8	4.8	2.5	
10	1.9	2.6	4.9	8.3	18.6	80.4	376.6	1627.0	1627.0	376.6	80.4	18.6	8.3	4.9	2.6	1.9
0		2.6	4.9	8.3	18.6	80.4	376.6	1627.0	1627.0	376.6	80.4	18.6	8.3	4.9	2.6	
-10	1.8	2.5	4.8	7.8	15.4	48.8	173.2	373.1	373.1	173.2	48.8	15.4	7.8	4.8	2.5	1.8
-20		2.4	4.5	7.1	11.6	23.0	52.3	86.6	86.6	52.3	23.0	11.6	7.1	4.5	2.4	
-30	1.4	2.1	4.2	6.3	8.9	12.9	18.1	22.4	22.4	18.1	12.9	8.9	6.3	4.2	2.1	1.4
-40		1.7	3.5	5.5	7.3	9.1	10.8	11.6	11.6	10.8	9.1	7.3	5.5	3.5	1.7	
-50	0.8	1.3	2.7	4.4	5.9	7.3	8.1	8.5	8.5	8.1	7.3	5.9	4.4	2.7	1.3	0.8
-60		0.9	1.8	3.0	4.2	5.2	5.8	6.1	6.1	5.8	5.2	4.2	3.0	1.8	0.9	
-70	0.2	1.7	4.5	7.3	8.0	7.3	4.5	1.7	0.2							
-80		0.2	1.7	4.5	7.3	8.0	7.3	4.5	1.7	0.2						
-90	0.2	1.7	4.5	7.3	8.0	7.3	4.5	1.7	0.2							

REPORT NUMBER: P626959 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2D-727-U-NR-XX

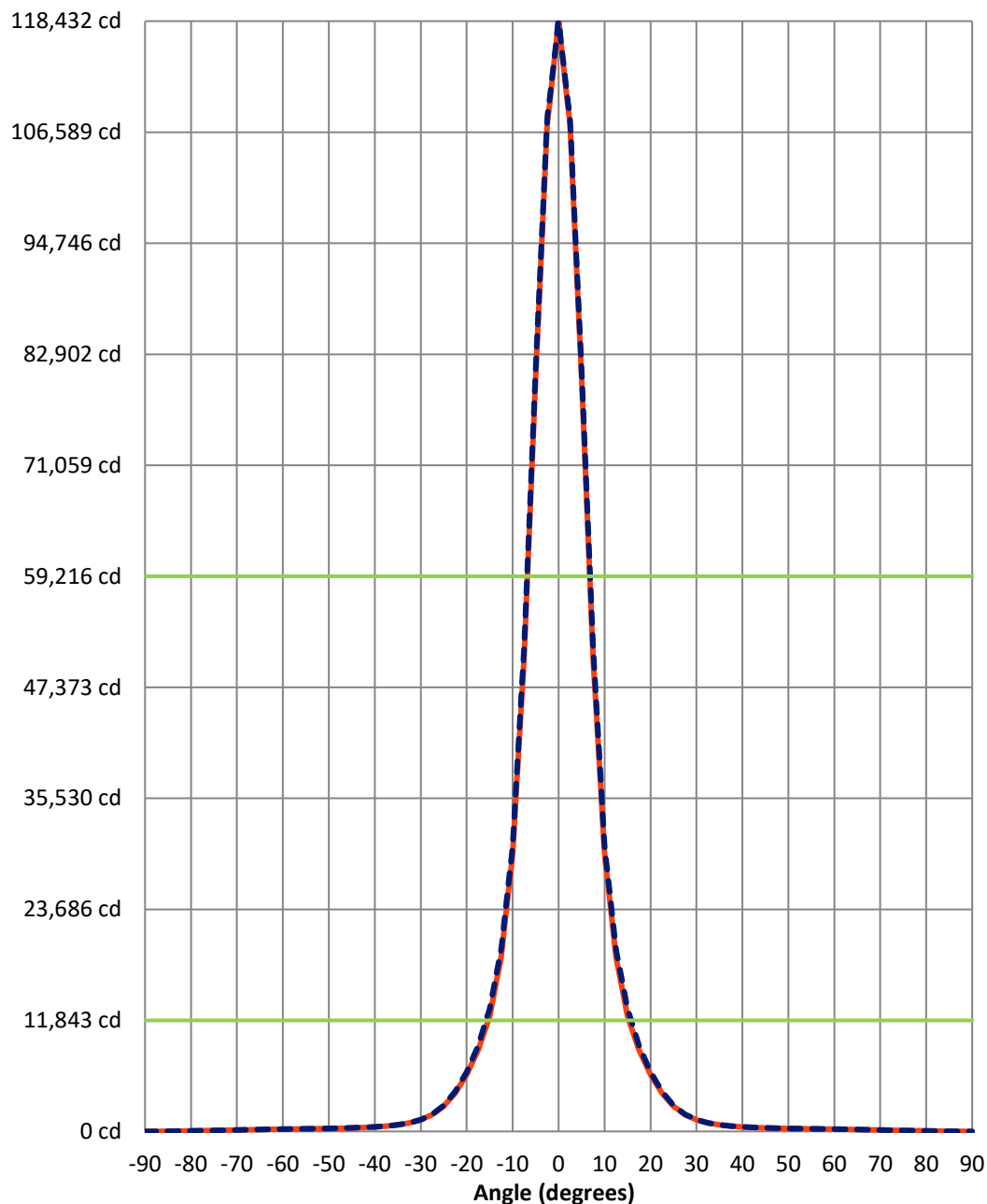
Luminous Intensity Polar Plot



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

REPORT NUMBER: P626959 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-727-U-NR-XX

Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 3718.1
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 8367.2
 Efficiency: 66.5%

Spill:
 Lumens: 4208.5
 Efficiency: 33.5%

— 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: P626959 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2D-727-U-NR-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	0.4	0.9	1.3	1.8	2.2	2.6	3.0	3.5	3.9	4.3
85°	0.0	0.8	1.8	2.6	3.5	4.4	5.2	6.1	6.9	7.7	8.5
82.5°	0.0	1.2	2.6	3.9	5.2	6.5	7.8	9.1	10.5	12.3	14.2
80°	0.0	1.5	3.5	5.2	7.0	8.7	10.6	13.1	15.6	18.1	20.6
77.5°	0.0	1.9	4.3	6.5	8.7	11.2	14.4	17.6	20.8	23.9	27.2
75°	0.0	2.3	5.2	7.8	10.5	14.2	18.2	22.1	26.0	30.2	34.5
72.5°	0.0	2.6	6.0	9.1	12.8	17.2	22.0	26.7	31.8	36.8	41.7
70°	0.0	3.0	6.8	10.4	15.1	20.2	25.7	31.8	37.6	43.3	49.7
67.5°	0.0	3.3	7.6	12.0	17.3	23.1	30.0	36.8	43.3	50.6	57.8
65°	0.0	3.7	8.3	13.6	19.5	26.2	34.1	41.7	49.7	57.8	66.3
62.5°	0.0	4.0	9.1	15.1	21.6	29.6	38.2	47.0	56.0	65.1	75.8
60°	0.0	4.3	9.8	16.6	23.7	32.9	42.2	52.4	62.2	73.3	85.1
57.5°	0.0	4.6	10.7	18.0	26.2	36.2	46.5	57.7	68.9	81.3	94.0
55°	0.0	4.9	11.6	19.4	28.7	39.3	50.9	62.7	75.6	88.9	102.7
52.5°	0.0	5.2	12.4	20.8	31.2	42.4	55.1	68.2	82.1	96.3	110.9
50°	0.0	5.5	13.3	22.0	33.5	45.8	59.1	73.5	88.3	103.3	118.9
47.5°	0.0	5.8	14.1	23.4	35.8	49.0	63.1	78.7	94.1	110.0	126.6
45°	0.0	6.0	14.9	25.0	37.9	52.2	67.3	83.6	99.8	116.8	134.2
42.5°	0.0	6.2	15.7	26.5	40.0	55.1	71.4	88.3	105.2	123.4	141.6
40°	0.0	6.4	16.4	28.1	42.1	58.0	75.2	92.8	110.5	129.9	148.8
37.5°	0.0	6.6	17.1	29.5	44.3	60.7	78.9	97.1	115.8	135.8	155.8
35°	0.0	6.8	17.8	30.9	46.3	63.4	82.3	101.2	120.8	141.5	162.5
32.5°	0.0	7.0	18.5	32.2	48.2	66.1	85.5	104.9	125.3	146.8	168.3
30°	0.0	7.1	19.1	33.4	49.9	68.6	88.5	108.5	129.5	151.7	173.5
27.5°	0.0	7.3	19.6	34.5	51.6	70.9	91.3	111.9	133.3	156.2	178.3
25°	0.0	7.4	20.1	35.6	53.2	73.0	93.8	114.9	137.0	160.1	182.5
22.5°	0.0	7.5	20.6	36.5	54.7	74.9	96.1	117.6	140.2	163.6	186.1
20°	0.0	7.5	21.1	37.4	56.0	76.5	98.2	120.0	143.1	166.5	189.5
17.5°	0.0	7.6	21.5	38.1	57.1	77.9	99.9	122.0	145.7	169.0	192.4
15°	0.0	7.7	21.8	38.8	58.1	79.0	101.3	123.8	147.8	171.0	194.9
12.5°	0.0	7.7	22.1	39.3	59.0	80.0	102.4	125.4	149.6	172.6	197.0
10°	0.0	7.7	22.4	39.8	59.7	80.7	103.3	126.8	151.0	174.2	199.0
7.5°	0.0	7.7	22.5	40.1	60.2	81.1	103.8	127.9	151.9	175.7	201.4
5°	0.0	7.7	22.7	40.4	60.6	81.4	104.2	128.7	152.4	176.7	203.2
2.5°	0.0	7.6	22.8	40.5	60.8	81.4	104.2	129.2	152.5	177.4	204.6
0°	0.0	7.6	22.8	40.6	60.9	81.2	104.0	129.4	152.2	177.6	205.5
-2.5°	0.0	7.6	22.8	40.5	60.8	81.4	104.2	129.2	152.5	177.4	204.6
-5°	0.0	7.7	22.7	40.4	60.6	81.4	104.2	128.7	152.4	176.7	203.2
-7.5°	0.0	7.7	22.5	40.1	60.2	81.1	103.8	127.9	151.9	175.7	201.4
-10°	0.0	7.7	22.4	39.8	59.7	80.7	103.3	126.8	151.0	174.2	199.0
-12.5°	0.0	7.7	22.1	39.3	59.0	80.0	102.4	125.4	149.6	172.6	197.0
-15°	0.0	7.7	21.8	38.8	58.1	79.0	101.3	123.8	147.8	171.0	194.9
-17.5°	0.0	7.6	21.5	38.1	57.1	77.9	99.9	122.0	145.7	169.0	192.4
-20°	0.0	7.5	21.1	37.4	56.0	76.5	98.2	120.0	143.1	166.5	189.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626959 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2D-727-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	7.5	20.6	36.5	54.7	74.9	96.1	117.6	140.2	163.6	186.1
-25°	0.0	7.4	20.1	35.6	53.2	73.0	93.8	114.9	137.0	160.1	182.5
-27.5°	0.0	7.3	19.6	34.5	51.6	70.9	91.3	111.9	133.3	156.2	178.3
-30°	0.0	7.1	19.1	33.4	49.9	68.6	88.5	108.5	129.5	151.7	173.5
-32.5°	0.0	7.0	18.5	32.2	48.2	66.1	85.5	104.9	125.3	146.8	168.3
-35°	0.0	6.8	17.8	30.9	46.3	63.4	82.3	101.2	120.8	141.5	162.5
-37.5°	0.0	6.6	17.1	29.5	44.3	60.7	78.9	97.1	115.8	135.8	155.8
-40°	0.0	6.4	16.4	28.1	42.1	58.0	75.2	92.8	110.5	129.9	148.8
-42.5°	0.0	6.2	15.7	26.5	40.0	55.1	71.4	88.3	105.2	123.4	141.6
-45°	0.0	6.0	14.9	25.0	37.9	52.2	67.3	83.6	99.8	116.8	134.2
-47.5°	0.0	5.8	14.1	23.4	35.8	49.0	63.1	78.7	94.1	110.0	126.6
-50°	0.0	5.5	13.3	22.0	33.5	45.8	59.1	73.5	88.3	103.3	118.9
-52.5°	0.0	5.2	12.4	20.8	31.2	42.4	55.1	68.2	82.1	96.3	110.9
-55°	0.0	4.9	11.6	19.4	28.7	39.3	50.9	62.7	75.6	88.9	102.7
-57.5°	0.0	4.6	10.7	18.0	26.2	36.2	46.5	57.7	68.9	81.3	94.0
-60°	0.0	4.3	9.8	16.6	23.7	32.9	42.2	52.4	62.2	73.3	85.1
-62.5°	0.0	4.0	9.1	15.1	21.6	29.6	38.2	47.0	56.0	65.1	75.8
-65°	0.0	3.7	8.3	13.6	19.5	26.2	34.1	41.7	49.7	57.8	66.3
-67.5°	0.0	3.3	7.6	12.0	17.3	23.1	30.0	36.8	43.3	50.6	57.8
-70°	0.0	3.0	6.8	10.4	15.1	20.2	25.7	31.8	37.6	43.3	49.7
-72.5°	0.0	2.6	6.0	9.1	12.8	17.2	22.0	26.7	31.8	36.8	41.7
-75°	0.0	2.3	5.2	7.8	10.5	14.2	18.2	22.1	26.0	30.2	34.5
-77.5°	0.0	1.9	4.3	6.5	8.7	11.2	14.4	17.6	20.8	23.9	27.2
-80°	0.0	1.5	3.5	5.2	7.0	8.7	10.6	13.1	15.6	18.1	20.6
-82.5°	0.0	1.2	2.6	3.9	5.2	6.5	7.8	9.1	10.5	12.3	14.2
-85°	0.0	0.8	1.8	2.6	3.5	4.4	5.2	6.1	6.9	7.7	8.5
-87.5°	0.0	0.4	0.9	1.3	1.8	2.2	2.6	3.0	3.5	3.9	4.3
-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: P626959 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-727-U-NR-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°	4.7	5.0	5.4	5.8	6.1	6.5	6.8	7.1	7.4	7.7	8.0
85°	9.3	10.1	11.2	12.3	13.3	14.1	14.8	15.4	16.4	17.5	18.7
82.5°	15.9	17.7	19.4	21.1	22.2	23.1	24.0	25.3	27.5	29.7	31.6
80°	22.9	25.3	27.9	30.5	32.7	34.9	37.1	39.5	42.0	44.3	46.5
77.5°	30.6	34.0	37.3	40.5	43.7	47.1	50.5	53.7	56.8	59.7	62.5
75°	38.6	42.6	47.1	51.5	55.8	60.0	64.0	68.4	72.6	76.6	80.3
72.5°	47.0	52.4	57.7	62.8	68.4	73.9	79.2	84.3	89.2	94.4	99.8
70°	56.0	62.2	69.0	75.6	81.9	88.4	94.9	100.5	105.8	112.9	120.2
67.5°	65.2	73.6	81.3	88.8	97.1	104.7	111.4	118.5	126.1	134.3	141.5
65°	76.1	85.2	94.2	103.6	113.2	121.2	129.5	138.3	146.9	155.1	162.9
62.5°	86.8	97.1	107.5	117.7	127.6	137.1	147.2	157.0	166.4	176.0	184.4
60°	97.2	108.8	119.8	130.5	141.6	153.5	164.6	175.5	186.8	197.6	203.3
57.5°	107.2	119.6	131.0	143.1	156.2	169.6	181.2	193.5	203.3	210.8	218.1
55°	116.6	129.4	142.0	155.6	169.8	183.7	196.6	207.6	216.6	223.5	231.2
52.5°	125.3	138.9	152.6	167.4	182.4	197.3	210.9	221.2	229.3	236.3	243.6
50°	134.0	148.3	162.7	178.9	195.0	210.9	224.2	233.6	241.2	248.4	255.9
47.5°	142.5	157.5	173.0	190.2	207.7	223.0	235.6	244.2	251.9	260.4	268.6
45°	150.8	167.0	183.5	202.0	219.6	234.3	245.0	253.6	263.2	272.3	281.1
42.5°	159.0	176.4	194.3	213.4	230.5	243.7	253.7	263.9	274.2	284.0	293.8
40°	167.1	185.4	204.4	223.4	240.6	252.0	262.6	273.6	284.9	295.5	306.4
37.5°	175.0	193.9	213.5	232.7	248.3	259.9	270.9	283.1	294.9	306.5	320.8
35°	182.4	201.7	221.4	240.0	255.0	267.0	279.3	292.1	304.5	319.5	335.8
32.5°	189.1	208.7	228.6	246.0	260.6	273.6	287.4	300.7	315.7	332.6	352.2
30°	194.7	214.7	234.7	251.7	266.1	279.8	294.7	309.4	327.0	347.3	370.6
27.5°	199.7	220.2	239.6	256.7	271.2	284.9	300.6	319.2	339.3	362.1	389.4
25°	204.3	225.7	244.3	261.2	275.3	289.6	306.4	327.0	351.2	378.7	412.1
22.5°	208.7	231.0	249.0	265.4	278.6	294.0	313.0	335.3	361.6	393.8	434.5
20°	212.8	235.0	252.7	268.8	281.0	297.8	318.7	342.5	372.4	410.8	457.9
17.5°	216.7	238.4	255.7	270.8	284.2	301.8	323.8	348.4	381.9	426.3	479.4
15°	220.2	241.2	258.1	272.4	287.0	306.1	329.0	355.7	392.3	441.0	498.5
12.5°	223.2	243.5	259.9	273.6	289.2	309.5	333.7	363.4	403.5	455.6	522.6
10°	225.9	245.3	261.1	274.5	290.9	312.2	337.6	369.6	412.4	466.8	541.2
7.5°	228.1	246.7	262.0	275.0	292.0	314.1	340.6	374.3	418.6	474.7	554.6
5°	229.7	247.8	263.1	276.5	293.7	315.6	342.9	377.5	422.3	479.5	563.0
2.5°	230.6	248.5	263.7	278.0	295.6	316.8	344.5	381.1	425.2	484.1	569.4
0°	230.9	248.7	263.9	279.1	296.9	317.2	345.1	383.2	426.3	487.2	573.5
-2.5°	230.6	248.5	263.7	278.0	295.6	316.8	344.5	381.1	425.2	484.1	569.4
-5°	229.7	247.8	263.1	276.5	293.7	315.6	342.9	377.5	422.3	479.5	563.0
-7.5°	228.1	246.7	262.0	275.0	292.0	314.1	340.6	374.3	418.6	474.7	554.6
-10°	225.9	245.3	261.1	274.5	290.9	312.2	337.6	369.6	412.4	466.8	541.2
-12.5°	223.2	243.5	259.9	273.6	289.2	309.5	333.7	363.4	403.5	455.6	522.6
-15°	220.2	241.2	258.1	272.4	287.0	306.1	329.0	355.7	392.3	441.0	498.5
-17.5°	216.7	238.4	255.7	270.8	284.2	301.8	323.8	348.4	381.9	426.3	479.4
-20°	212.8	235.0	252.7	268.8	281.0	297.8	318.7	342.5	372.4	410.8	457.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626959 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2D-727-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	208.7	231.0	249.0	265.4	278.6	294.0	313.0	335.3	361.6	393.8	434.5
-25°	204.3	225.7	244.3	261.2	275.3	289.6	306.4	327.0	351.2	378.7	412.1
-27.5°	199.7	220.2	239.6	256.7	271.2	284.9	300.6	319.2	339.3	362.1	389.4
-30°	194.7	214.7	234.7	251.7	266.1	279.8	294.7	309.4	327.0	347.3	370.6
-32.5°	189.1	208.7	228.6	246.0	260.6	273.6	287.4	300.7	315.7	332.6	352.2
-35°	182.4	201.7	221.4	240.0	255.0	267.0	279.3	292.1	304.5	319.5	335.8
-37.5°	175.0	193.9	213.5	232.7	248.3	259.9	270.9	283.1	294.9	306.5	320.8
-40°	167.1	185.4	204.4	223.4	240.6	252.0	262.6	273.6	284.9	295.5	306.4
-42.5°	159.0	176.4	194.3	213.4	230.5	243.7	253.7	263.9	274.2	284.0	293.8
-45°	150.8	167.0	183.5	202.0	219.6	234.3	245.0	253.6	263.2	272.3	281.1
-47.5°	142.5	157.5	173.0	190.2	207.7	223.0	235.6	244.2	251.9	260.4	268.6
-50°	134.0	148.3	162.7	178.9	195.0	210.9	224.2	233.6	241.2	248.4	255.9
-52.5°	125.3	138.9	152.6	167.4	182.4	197.3	210.9	221.2	229.3	236.3	243.6
-55°	116.6	129.4	142.0	155.6	169.8	183.7	196.6	207.6	216.6	223.5	231.2
-57.5°	107.2	119.6	131.0	143.1	156.2	169.6	181.2	193.5	203.3	210.8	218.1
-60°	97.2	108.8	119.8	130.5	141.6	153.5	164.6	175.5	186.8	197.6	203.3
-62.5°	86.8	97.1	107.5	117.7	127.6	137.1	147.2	157.0	166.4	176.0	184.4
-65°	76.1	85.2	94.2	103.6	113.2	121.2	129.5	138.3	146.9	155.1	162.9
-67.5°	65.2	73.6	81.3	88.8	97.1	104.7	111.4	118.5	126.1	134.3	141.5
-70°	56.0	62.2	69.0	75.6	81.9	88.4	94.9	100.5	105.8	112.9	120.2
-72.5°	47.0	52.4	57.7	62.8	68.4	73.9	79.2	84.3	89.2	94.4	99.8
-75°	38.6	42.6	47.1	51.5	55.8	60.0	64.0	68.4	72.6	76.6	80.3
-77.5°	30.6	34.0	37.3	40.5	43.7	47.1	50.5	53.7	56.8	59.7	62.5
-80°	22.9	25.3	27.9	30.5	32.7	34.9	37.1	39.5	42.0	44.3	46.5
-82.5°	15.9	17.7	19.4	21.1	22.2	23.1	24.0	25.3	27.5	29.7	31.6
-85°	9.3	10.1	11.2	12.3	13.3	14.1	14.8	15.4	16.4	17.5	18.7
-87.5°	4.7	5.0	5.4	5.8	6.1	6.5	6.8	7.1	7.4	7.7	8.0
-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: P626959 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-727-U-NR-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°	8.3	8.5	8.7	9.0	9.2	9.3	9.5	9.6	9.8	9.3	8.7
85°	19.8	20.6	21.3	21.9	22.5	23.1	23.6	24.0	24.4	24.0	23.6
82.5°	33.4	34.7	36.0	37.1	38.1	39.0	39.9	40.6	41.3	41.2	41.1
80°	48.6	50.8	53.0	55.2	57.3	58.6	59.5	60.2	60.7	60.9	60.9
77.5°	65.3	68.7	72.2	75.7	79.1	81.0	82.4	83.6	84.5	84.7	84.5
75°	83.9	88.3	93.0	97.2	100.8	103.1	104.6	105.9	107.0	107.2	107.1
72.5°	105.5	110.8	115.1	118.7	121.7	124.1	126.0	127.7	129.0	129.6	129.7
70°	126.7	132.0	136.1	139.6	142.6	145.1	147.4	149.4	151.1	152.3	153.2
67.5°	148.2	154.2	158.4	161.7	164.2	166.8	169.9	172.6	174.8	176.3	177.1
65°	170.2	176.4	180.5	184.0	187.1	190.4	193.9	196.4	198.1	199.1	199.8
62.5°	191.5	197.3	202.4	207.1	211.7	215.4	217.8	219.9	221.7	223.2	224.4
60°	209.8	217.3	223.0	227.5	231.9	236.2	239.1	241.4	243.2	244.5	245.3
57.5°	225.5	233.1	239.8	244.2	249.0	254.1	257.5	259.4	261.2	262.7	263.4
55°	239.2	246.2	252.3	258.4	263.8	268.4	271.9	274.5	276.7	278.5	279.1
52.5°	251.5	259.1	266.4	272.8	278.0	282.4	286.0	289.2	291.7	293.4	294.1
50°	264.5	272.6	280.4	287.4	292.8	297.8	302.2	306.0	309.6	312.5	314.6
47.5°	277.2	285.9	294.5	302.1	308.7	315.8	322.2	327.7	333.0	337.3	340.3
45°	290.0	300.1	309.4	319.3	328.2	337.5	346.2	353.7	361.4	367.3	371.2
42.5°	304.2	315.7	327.0	339.3	351.3	363.5	376.7	388.4	397.5	406.1	413.0
40°	319.5	332.6	347.3	362.4	380.1	396.2	414.0	429.2	442.9	457.5	469.0
37.5°	335.8	352.2	371.5	391.6	414.6	436.7	459.8	482.5	502.3	525.8	543.6
35°	353.8	375.7	399.4	426.7	455.4	486.9	518.5	555.1	586.6	621.2	651.3
32.5°	375.1	401.2	432.4	468.4	505.1	553.0	597.8	656.0	706.3	761.2	816.5
30°	397.0	431.1	471.3	516.7	575.1	641.0	714.5	801.0	890.2	976.6	1080.8
27.5°	424.2	465.3	514.0	580.3	666.3	755.4	881.6	1011.5	1175.6	1311.3	1502.6
25°	452.4	500.8	570.0	660.3	772.4	927.0	1118.5	1326.2	1614.8	1868.4	2165.8
22.5°	483.1	548.5	634.5	746.0	916.0	1153.2	1443.4	1834.3	2260.0	2712.0	3161.6
20°	515.1	594.2	707.0	868.5	1101.8	1423.1	1921.1	2524.7	3132.9	3878.6	4539.1
17.5°	552.2	652.8	791.8	993.8	1305.2	1797.3	2488.2	3330.8	4274.3	5346.6	6298.7
15°	583.1	703.1	878.6	1161.1	1589.4	2221.3	3092.5	4251.6	5669.6	7109.7	8570.8
12.5°	618.9	757.7	963.8	1300.8	1838.6	2678.4	3864.4	5331.5	7102.3	9099.8	11454.6
10°	650.7	811.4	1067.6	1484.6	2141.9	3155.1	4594.5	6359.5	8644.7	11518.7	15165.4
7.5°	674.3	854.1	1147.7	1624.6	2404.1	3613.5	5284.4	7485.3	10389.0	14184.1	19188.9
5°	689.6	885.0	1204.3	1732.5	2609.4	3954.7	5789.9	8283.7	11786.9	17154.4	25629.3
2.5°	698.8	903.3	1236.6	1795.8	2734.3	4180.7	6174.5	8887.5	12692.8	18990.1	29771.6
0°	702.9	908.4	1256.0	1829.5	2776.0	4268.0	6351.2	9162.7	13098.2	19419.0	30499.9
-2.5°	698.8	903.3	1236.6	1795.8	2734.3	4180.7	6174.5	8887.5	12692.8	18990.1	29771.6
-5°	689.6	885.0	1204.3	1732.5	2609.4	3954.7	5789.9	8283.7	11786.9	17154.4	25629.3
-7.5°	674.3	854.1	1147.7	1624.6	2404.1	3613.5	5284.4	7485.3	10389.0	14184.1	19188.9
-10°	650.7	811.4	1067.6	1484.6	2141.9	3155.1	4594.5	6359.5	8644.7	11518.7	15165.4
-12.5°	618.9	757.7	963.8	1300.8	1838.6	2678.4	3864.4	5331.5	7102.3	9099.8	11454.6
-15°	583.1	703.1	878.6	1161.1	1589.4	2221.3	3092.5	4251.6	5669.6	7109.7	8570.8
-17.5°	552.2	652.8	791.8	993.8	1305.2	1797.3	2488.2	3330.8	4274.3	5346.6	6298.7
-20°	515.1	594.2	707.0	868.5	1101.8	1423.1	1921.1	2524.7	3132.9	3878.6	4539.1



REPORT NUMBER: P626959 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-727-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	483.1	548.5	634.5	746.0	916.0	1153.2	1443.4	1834.3	2260.0	2712.0	3161.6
-25°	452.4	500.8	570.0	660.3	772.4	927.0	1118.5	1326.2	1614.8	1868.4	2165.8
-27.5°	424.2	465.3	514.0	580.3	666.3	755.4	881.6	1011.5	1175.6	1311.3	1502.6
-30°	397.0	431.1	471.3	516.7	575.1	641.0	714.5	801.0	890.2	976.6	1080.8
-32.5°	375.1	401.2	432.4	468.4	505.1	553.0	597.8	656.0	706.3	761.2	816.5
-35°	353.8	375.7	399.4	426.7	455.4	486.9	518.5	555.1	586.6	621.2	651.3
-37.5°	335.8	352.2	371.5	391.6	414.6	436.7	459.8	482.5	502.3	525.8	543.6
-40°	319.5	332.6	347.3	362.4	380.1	396.2	414.0	429.2	442.9	457.5	469.0
-42.5°	304.2	315.7	327.0	339.3	351.3	363.5	376.7	388.4	397.5	406.1	413.0
-45°	290.0	300.1	309.4	319.3	328.2	337.5	346.2	353.7	361.4	367.3	371.2
-47.5°	277.2	285.9	294.5	302.1	308.7	315.8	322.2	327.7	333.0	337.3	340.3
-50°	264.5	272.6	280.4	287.4	292.8	297.8	302.2	306.0	309.6	312.5	314.6
-52.5°	251.5	259.1	266.4	272.8	278.0	282.4	286.0	289.2	291.7	293.4	294.1
-55°	239.2	246.2	252.3	258.4	263.8	268.4	271.9	274.5	276.7	278.5	279.1
-57.5°	225.5	233.1	239.8	244.2	249.0	254.1	257.5	259.4	261.2	262.7	263.4
-60°	209.8	217.3	223.0	227.5	231.9	236.2	239.1	241.4	243.2	244.5	245.3
-62.5°	191.5	197.3	202.4	207.1	211.7	215.4	217.8	219.9	221.7	223.2	224.4
-65°	170.2	176.4	180.5	184.0	187.1	190.4	193.9	196.4	198.1	199.1	199.8
-67.5°	148.2	154.2	158.4	161.7	164.2	166.8	169.9	172.6	174.8	176.3	177.1
-70°	126.7	132.0	136.1	139.6	142.6	145.1	147.4	149.4	151.1	152.3	153.2
-72.5°	105.5	110.8	115.1	118.7	121.7	124.1	126.0	127.7	129.0	129.6	129.7
-75°	83.9	88.3	93.0	97.2	100.8	103.1	104.6	105.9	107.0	107.2	107.1
-77.5°	65.3	68.7	72.2	75.7	79.1	81.0	82.4	83.6	84.5	84.7	84.5
-80°	48.6	50.8	53.0	55.2	57.3	58.6	59.5	60.2	60.7	60.9	60.9
-82.5°	33.4	34.7	36.0	37.1	38.1	39.0	39.9	40.6	41.3	41.2	41.1
-85°	19.8	20.6	21.3	21.9	22.5	23.1	23.6	24.0	24.4	24.0	23.6
-87.5°	8.3	8.5	8.7	9.0	9.2	9.3	9.5	9.6	9.8	9.3	8.7
-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: P626959 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-727-U-NR-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°	8.2	7.6	7.6	7.6	7.6	7.6	8.2	8.7	9.3	9.8	9.6
85°	23.2	22.7	22.8	22.8	22.8	22.7	23.2	23.6	24.0	24.4	24.0
82.5°	40.8	40.4	40.5	40.6	40.5	40.4	40.8	41.1	41.2	41.3	40.6
80°	60.9	60.6	59.6	58.4	59.6	60.6	60.9	60.9	60.9	60.7	60.2
77.5°	84.0	83.3	82.4	81.2	82.4	83.3	84.0	84.5	84.7	84.5	83.6
75°	106.8	106.2	106.5	106.6	106.5	106.2	106.8	107.1	107.2	107.0	105.9
72.5°	129.4	128.9	129.2	129.4	129.2	128.9	129.4	129.7	129.6	129.0	127.7
70°	153.8	154.1	153.4	152.2	153.4	154.1	153.8	153.2	152.3	151.1	149.4
67.5°	177.3	177.0	176.2	175.1	176.2	177.0	177.3	177.1	176.3	174.8	172.6
65°	200.0	199.8	200.3	200.5	200.3	199.8	200.0	199.8	199.1	198.1	196.4
62.5°	225.0	225.0	224.4	223.3	224.4	225.0	225.0	224.4	223.2	221.7	219.9
60°	245.7	245.5	244.8	243.6	244.8	245.5	245.7	245.3	244.5	243.2	241.4
57.5°	263.7	263.4	262.6	261.4	262.6	263.4	263.7	263.4	262.7	261.2	259.4
55°	279.1	278.7	277.9	276.6	277.9	278.7	279.1	279.1	278.5	276.7	274.5
52.5°	294.3	293.9	294.0	294.3	294.0	293.9	294.3	294.1	293.4	291.7	289.2
50°	315.9	316.3	315.9	314.6	315.9	316.3	315.9	314.6	312.5	309.6	306.0
47.5°	341.7	341.9	341.3	340.0	341.3	341.9	341.7	340.3	337.3	333.0	327.7
45°	374.3	376.1	376.6	375.5	376.6	376.1	374.3	371.2	367.3	361.4	353.7
42.5°	418.3	421.2	422.0	421.2	422.0	421.2	418.3	413.0	406.1	397.5	388.4
40°	476.1	479.4	480.0	479.6	480.0	479.4	476.1	469.0	457.5	442.9	429.2
37.5°	556.2	564.2	567.9	568.4	567.9	564.2	556.2	543.6	525.8	502.3	482.5
35°	674.3	690.2	698.8	702.9	698.8	690.2	674.3	651.3	621.2	586.6	555.1
32.5°	858.4	890.3	908.0	905.9	908.0	890.3	858.4	816.5	761.2	706.3	656.0
30°	1159.3	1215.1	1243.1	1235.7	1243.1	1215.1	1159.3	1080.8	976.6	890.2	801.0
27.5°	1640.0	1740.8	1799.1	1791.4	1799.1	1740.8	1640.0	1502.6	1311.3	1175.6	1011.5
25°	2414.5	2598.5	2716.3	2687.1	2716.3	2598.5	2414.5	2165.8	1868.4	1614.8	1326.2
22.5°	3592.6	3904.4	4110.7	4085.3	4110.7	3904.4	3592.6	3161.6	2712.0	2260.0	1834.3
20°	5208.7	5683.3	6022.1	6067.0	6022.1	5683.3	5208.7	4539.1	3878.6	3132.9	2524.7
17.5°	7327.1	8079.5	8603.3	8690.7	8603.3	8079.5	7327.1	6298.7	5346.6	4274.3	3330.8
15°	10080.2	11310.1	12200.1	12273.6	12200.1	11310.1	10080.2	8570.8	7109.7	5669.6	4251.6
12.5°	13818.5	16292.1	17906.4	18617.1	17906.4	16292.1	13818.5	11454.6	9099.8	7102.3	5331.5
10°	18992.2	24673.8	28312.4	29680.3	28312.4	24673.8	18992.2	15165.4	11518.7	8644.7	6359.5
7.5°	27633.7	36554.1	46471.2	50697.9	46471.2	36554.1	27633.7	19188.9	14184.1	10389.0	7485.3
5°	37419.6	55932.9	73542.4	80418.8	73542.4	55932.9	37419.6	25629.3	17154.4	11786.9	8283.7
2.5°	47716.9	73521.7	97702.9	107159.6	97702.9	73521.7	47716.9	29771.6	18990.1	12692.8	8887.5
0°	51738.3	81223.2	107828.2	118432.1	107828.2	81223.2	51738.3	30499.9	19419.0	13098.2	9162.7
-2.5°	47716.9	73521.7	97702.9	107159.6	97702.9	73521.7	47716.9	29771.6	18990.1	12692.8	8887.5
-5°	37419.6	55932.9	73542.4	80418.8	73542.4	55932.9	37419.6	25629.3	17154.4	11786.9	8283.7
-7.5°	27633.7	36554.1	46471.2	50697.9	46471.2	36554.1	27633.7	19188.9	14184.1	10389.0	7485.3
-10°	18992.2	24673.8	28312.4	29680.3	28312.4	24673.8	18992.2	15165.4	11518.7	8644.7	6359.5
-12.5°	13818.5	16292.1	17906.4	18617.1	17906.4	16292.1	13818.5	11454.6	9099.8	7102.3	5331.5
-15°	10080.2	11310.1	12200.1	12273.6	12200.1	11310.1	10080.2	8570.8	7109.7	5669.6	4251.6
-17.5°	7327.1	8079.5	8603.3	8690.7	8603.3	8079.5	7327.1	6298.7	5346.6	4274.3	3330.8
-20°	5208.7	5683.3	6022.1	6067.0	6022.1	5683.3	5208.7	4539.1	3878.6	3132.9	2524.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626959 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2D-727-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3592.6	3904.4	4110.7	4085.3	4110.7	3904.4	3592.6	3161.6	2712.0	2260.0	1834.3
-25°	2414.5	2598.5	2716.3	2687.1	2716.3	2598.5	2414.5	2165.8	1868.4	1614.8	1326.2
-27.5°	1640.0	1740.8	1799.1	1791.4	1799.1	1740.8	1640.0	1502.6	1311.3	1175.6	1011.5
-30°	1159.3	1215.1	1243.1	1235.7	1243.1	1215.1	1159.3	1080.8	976.6	890.2	801.0
-32.5°	858.4	890.3	908.0	905.9	908.0	890.3	858.4	816.5	761.2	706.3	656.0
-35°	674.3	690.2	698.8	702.9	698.8	690.2	674.3	651.3	621.2	586.6	555.1
-37.5°	556.2	564.2	567.9	568.4	567.9	564.2	556.2	543.6	525.8	502.3	482.5
-40°	476.1	479.4	480.0	479.6	480.0	479.4	476.1	469.0	457.5	442.9	429.2
-42.5°	418.3	421.2	422.0	421.2	422.0	421.2	418.3	413.0	406.1	397.5	388.4
-45°	374.3	376.1	376.6	375.5	376.6	376.1	374.3	371.2	367.3	361.4	353.7
-47.5°	341.7	341.9	341.3	340.0	341.3	341.9	341.7	340.3	337.3	333.0	327.7
-50°	315.9	316.3	315.9	314.6	315.9	316.3	315.9	314.6	312.5	309.6	306.0
-52.5°	294.3	293.9	294.0	294.3	294.0	293.9	294.3	294.1	293.4	291.7	289.2
-55°	279.1	278.7	277.9	276.6	277.9	278.7	279.1	279.1	278.5	276.7	274.5
-57.5°	263.7	263.4	262.6	261.4	262.6	263.4	263.7	263.4	262.7	261.2	259.4
-60°	245.7	245.5	244.8	243.6	244.8	245.5	245.7	245.3	244.5	243.2	241.4
-62.5°	225.0	225.0	224.4	223.3	224.4	225.0	225.0	224.4	223.2	221.7	219.9
-65°	200.0	199.8	200.3	200.5	200.3	199.8	200.0	199.8	199.1	198.1	196.4
-67.5°	177.3	177.0	176.2	175.1	176.2	177.0	177.3	177.1	176.3	174.8	172.6
-70°	153.8	154.1	153.4	152.2	153.4	154.1	153.8	153.2	152.3	151.1	149.4
-72.5°	129.4	128.9	129.2	129.4	129.2	128.9	129.4	129.7	129.6	129.0	127.7
-75°	106.8	106.2	106.5	106.6	106.5	106.2	106.8	107.1	107.2	107.0	105.9
-77.5°	84.0	83.3	82.4	81.2	82.4	83.3	84.0	84.5	84.7	84.5	83.6
-80°	60.9	60.6	59.6	58.4	59.6	60.6	60.9	60.9	60.9	60.7	60.2
-82.5°	40.8	40.4	40.5	40.6	40.5	40.4	40.8	41.1	41.2	41.3	40.6
-85°	23.2	22.7	22.8	22.8	22.8	22.7	23.2	23.6	24.0	24.4	24.0
-87.5°	8.2	7.6	7.6	7.6	7.6	7.6	8.2	8.7	9.3	9.8	9.6
-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: P626959 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-727-U-NR-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°	9.5	9.3	9.2	9.0	8.7	8.5	8.3	8.0	7.7	7.4	7.1
85°	23.6	23.1	22.5	21.9	21.3	20.6	19.8	18.7	17.5	16.4	15.4
82.5°	39.9	39.0	38.1	37.1	36.0	34.7	33.4	31.6	29.7	27.5	25.3
80°	59.5	58.6	57.3	55.2	53.0	50.8	48.6	46.5	44.3	42.0	39.5
77.5°	82.4	81.0	79.1	75.7	72.2	68.7	65.3	62.5	59.7	56.8	53.7
75°	104.6	103.1	100.8	97.2	93.0	88.3	83.9	80.3	76.6	72.6	68.4
72.5°	126.0	124.1	121.7	118.7	115.1	110.8	105.5	99.8	94.4	89.2	84.3
70°	147.4	145.1	142.6	139.6	136.1	132.0	126.7	120.2	112.9	105.8	100.5
67.5°	169.9	166.8	164.2	161.7	158.4	154.2	148.2	141.5	134.3	126.1	118.5
65°	193.9	190.4	187.1	184.0	180.5	176.4	170.2	162.9	155.1	146.9	138.3
62.5°	217.8	215.4	211.7	207.1	202.4	197.3	191.5	184.4	176.0	166.4	157.0
60°	239.1	236.2	231.9	227.5	223.0	217.3	209.8	203.3	197.6	186.8	175.5
57.5°	257.5	254.1	249.0	244.2	239.8	233.1	225.5	218.1	210.8	203.3	193.5
55°	271.9	268.4	263.8	258.4	252.3	246.2	239.2	231.2	223.5	216.6	207.6
52.5°	286.0	282.4	278.0	272.8	266.4	259.1	251.5	243.6	236.3	229.3	221.2
50°	302.2	297.8	292.8	287.4	280.4	272.6	264.5	255.9	248.4	241.2	233.6
47.5°	322.2	315.8	308.7	302.1	294.5	285.9	277.2	268.6	260.4	251.9	244.2
45°	346.2	337.5	328.2	319.3	309.4	300.1	290.0	281.1	272.3	263.2	253.6
42.5°	376.7	363.5	351.3	339.3	327.0	315.7	304.2	293.8	284.0	274.2	263.9
40°	414.0	396.2	380.1	362.4	347.3	332.6	319.5	306.4	295.5	284.9	273.6
37.5°	459.8	436.7	414.6	391.6	371.5	352.2	335.8	320.8	306.5	294.9	283.1
35°	518.5	486.9	455.4	426.7	399.4	375.7	353.8	335.8	319.5	304.5	292.1
32.5°	597.8	553.0	505.1	468.4	432.4	401.2	375.1	352.2	332.6	315.7	300.7
30°	714.5	641.0	575.1	516.7	471.3	431.1	397.0	370.6	347.3	327.0	309.4
27.5°	881.6	755.4	666.3	580.3	514.0	465.3	424.2	389.4	362.1	339.3	319.2
25°	1118.5	927.0	772.4	660.3	570.0	500.8	452.4	412.1	378.7	351.2	327.0
22.5°	1443.4	1153.2	916.0	746.0	634.5	548.5	483.1	434.5	393.8	361.6	335.3
20°	1921.1	1423.1	1101.8	868.5	707.0	594.2	515.1	457.9	410.8	372.4	342.5
17.5°	2488.2	1797.3	1305.2	993.8	791.8	652.8	552.2	479.4	426.3	381.9	348.4
15°	3092.5	2221.3	1589.4	1161.1	878.6	703.1	583.1	498.5	441.0	392.3	355.7
12.5°	3864.4	2678.4	1838.6	1300.8	963.8	757.7	618.9	522.6	455.6	403.5	363.4
10°	4594.5	3155.1	2141.9	1484.6	1067.6	811.4	650.7	541.2	466.8	412.4	369.6
7.5°	5284.4	3613.5	2404.1	1624.6	1147.7	854.1	674.3	554.6	474.7	418.6	374.3
5°	5789.9	3954.7	2609.4	1732.5	1204.3	885.0	689.6	563.0	479.5	422.3	377.5
2.5°	6174.5	4180.7	2734.3	1795.8	1236.6	903.3	698.8	569.4	484.1	425.2	381.1
0°	6351.2	4268.0	2776.0	1829.5	1256.0	908.4	702.9	573.5	487.2	426.3	383.2
-2.5°	6174.5	4180.7	2734.3	1795.8	1236.6	903.3	698.8	569.4	484.1	425.2	381.1
-5°	5789.9	3954.7	2609.4	1732.5	1204.3	885.0	689.6	563.0	479.5	422.3	377.5
-7.5°	5284.4	3613.5	2404.1	1624.6	1147.7	854.1	674.3	554.6	474.7	418.6	374.3
-10°	4594.5	3155.1	2141.9	1484.6	1067.6	811.4	650.7	541.2	466.8	412.4	369.6
-12.5°	3864.4	2678.4	1838.6	1300.8	963.8	757.7	618.9	522.6	455.6	403.5	363.4
-15°	3092.5	2221.3	1589.4	1161.1	878.6	703.1	583.1	498.5	441.0	392.3	355.7
-17.5°	2488.2	1797.3	1305.2	993.8	791.8	652.8	552.2	479.4	426.3	381.9	348.4
-20°	1921.1	1423.1	1101.8	868.5	707.0	594.2	515.1	457.9	410.8	372.4	342.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626959 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2D-727-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1443.4	1153.2	916.0	746.0	634.5	548.5	483.1	434.5	393.8	361.6	335.3
-25°	1118.5	927.0	772.4	660.3	570.0	500.8	452.4	412.1	378.7	351.2	327.0
-27.5°	881.6	755.4	666.3	580.3	514.0	465.3	424.2	389.4	362.1	339.3	319.2
-30°	714.5	641.0	575.1	516.7	471.3	431.1	397.0	370.6	347.3	327.0	309.4
-32.5°	597.8	553.0	505.1	468.4	432.4	401.2	375.1	352.2	332.6	315.7	300.7
-35°	518.5	486.9	455.4	426.7	399.4	375.7	353.8	335.8	319.5	304.5	292.1
-37.5°	459.8	436.7	414.6	391.6	371.5	352.2	335.8	320.8	306.5	294.9	283.1
-40°	414.0	396.2	380.1	362.4	347.3	332.6	319.5	306.4	295.5	284.9	273.6
-42.5°	376.7	363.5	351.3	339.3	327.0	315.7	304.2	293.8	284.0	274.2	263.9
-45°	346.2	337.5	328.2	319.3	309.4	300.1	290.0	281.1	272.3	263.2	253.6
-47.5°	322.2	315.8	308.7	302.1	294.5	285.9	277.2	268.6	260.4	251.9	244.2
-50°	302.2	297.8	292.8	287.4	280.4	272.6	264.5	255.9	248.4	241.2	233.6
-52.5°	286.0	282.4	278.0	272.8	266.4	259.1	251.5	243.6	236.3	229.3	221.2
-55°	271.9	268.4	263.8	258.4	252.3	246.2	239.2	231.2	223.5	216.6	207.6
-57.5°	257.5	254.1	249.0	244.2	239.8	233.1	225.5	218.1	210.8	203.3	193.5
-60°	239.1	236.2	231.9	227.5	223.0	217.3	209.8	203.3	197.6	186.8	175.5
-62.5°	217.8	215.4	211.7	207.1	202.4	197.3	191.5	184.4	176.0	166.4	157.0
-65°	193.9	190.4	187.1	184.0	180.5	176.4	170.2	162.9	155.1	146.9	138.3
-67.5°	169.9	166.8	164.2	161.7	158.4	154.2	148.2	141.5	134.3	126.1	118.5
-70°	147.4	145.1	142.6	139.6	136.1	132.0	126.7	120.2	112.9	105.8	100.5
-72.5°	126.0	124.1	121.7	118.7	115.1	110.8	105.5	99.8	94.4	89.2	84.3
-75°	104.6	103.1	100.8	97.2	93.0	88.3	83.9	80.3	76.6	72.6	68.4
-77.5°	82.4	81.0	79.1	75.7	72.2	68.7	65.3	62.5	59.7	56.8	53.7
-80°	59.5	58.6	57.3	55.2	53.0	50.8	48.6	46.5	44.3	42.0	39.5
-82.5°	39.9	39.0	38.1	37.1	36.0	34.7	33.4	31.6	29.7	27.5	25.3
-85°	23.6	23.1	22.5	21.9	21.3	20.6	19.8	18.7	17.5	16.4	15.4
-87.5°	9.5	9.3	9.2	9.0	8.7	8.5	8.3	8.0	7.7	7.4	7.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626959 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-727-U-NR-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°	6.8	6.5	6.1	5.8	5.4	5.0	4.7	4.3	3.9	3.5	3.0
85°	14.8	14.1	13.3	12.3	11.2	10.1	9.3	8.5	7.7	6.9	6.1
82.5°	24.0	23.1	22.2	21.1	19.4	17.7	15.9	14.2	12.3	10.5	9.1
80°	37.1	34.9	32.7	30.5	27.9	25.3	22.9	20.6	18.1	15.6	13.1
77.5°	50.5	47.1	43.7	40.5	37.3	34.0	30.6	27.2	23.9	20.8	17.6
75°	64.0	60.0	55.8	51.5	47.1	42.6	38.6	34.5	30.2	26.0	22.1
72.5°	79.2	73.9	68.4	62.8	57.7	52.4	47.0	41.7	36.8	31.8	26.7
70°	94.9	88.4	81.9	75.6	69.0	62.2	56.0	49.7	43.3	37.6	31.8
67.5°	111.4	104.7	97.1	88.8	81.3	73.6	65.2	57.8	50.6	43.3	36.8
65°	129.5	121.2	113.2	103.6	94.2	85.2	76.1	66.3	57.8	49.7	41.7
62.5°	147.2	137.1	127.6	117.7	107.5	97.1	86.8	75.8	65.1	56.0	47.0
60°	164.6	153.5	141.6	130.5	119.8	108.8	97.2	85.1	73.3	62.2	52.4
57.5°	181.2	169.6	156.2	143.1	131.0	119.6	107.2	94.0	81.3	68.9	57.7
55°	196.6	183.7	169.8	155.6	142.0	129.4	116.6	102.7	88.9	75.6	62.7
52.5°	210.9	197.3	182.4	167.4	152.6	138.9	125.3	110.9	96.3	82.1	68.2
50°	224.2	210.9	195.0	178.9	162.7	148.3	134.0	118.9	103.3	88.3	73.5
47.5°	235.6	223.0	207.7	190.2	173.0	157.5	142.5	126.6	110.0	94.1	78.7
45°	245.0	234.3	219.6	202.0	183.5	167.0	150.8	134.2	116.8	99.8	83.6
42.5°	253.7	243.7	230.5	213.4	194.3	176.4	159.0	141.6	123.4	105.2	88.3
40°	262.6	252.0	240.6	223.4	204.4	185.4	167.1	148.8	129.9	110.5	92.8
37.5°	270.9	259.9	248.3	232.7	213.5	193.9	175.0	155.8	135.8	115.8	97.1
35°	279.3	267.0	255.0	240.0	221.4	201.7	182.4	162.5	141.5	120.8	101.2
32.5°	287.4	273.6	260.6	246.0	228.6	208.7	189.1	168.3	146.8	125.3	104.9
30°	294.7	279.8	266.1	251.7	234.7	214.7	194.7	173.5	151.7	129.5	108.5
27.5°	300.6	284.9	271.2	256.7	239.6	220.2	199.7	178.3	156.2	133.3	111.9
25°	306.4	289.6	275.3	261.2	244.3	225.7	204.3	182.5	160.1	137.0	114.9
22.5°	313.0	294.0	278.6	265.4	249.0	231.0	208.7	186.1	163.6	140.2	117.6
20°	318.7	297.8	281.0	268.8	252.7	235.0	212.8	189.5	166.5	143.1	120.0
17.5°	323.8	301.8	284.2	270.8	255.7	238.4	216.7	192.4	169.0	145.7	122.0
15°	329.0	306.1	287.0	272.4	258.1	241.2	220.2	194.9	171.0	147.8	123.8
12.5°	333.7	309.5	289.2	273.6	259.9	243.5	223.2	197.0	172.6	149.6	125.4
10°	337.6	312.2	290.9	274.5	261.1	245.3	225.9	199.0	174.2	151.0	126.8
7.5°	340.6	314.1	292.0	275.0	262.0	246.7	228.1	201.4	175.7	151.9	127.9
5°	342.9	315.6	293.7	276.5	263.1	247.8	229.7	203.2	176.7	152.4	128.7
2.5°	344.5	316.8	295.6	278.0	263.7	248.5	230.6	204.6	177.4	152.5	129.2
0°	345.1	317.2	296.9	279.1	263.9	248.7	230.9	205.5	177.6	152.2	129.4
-2.5°	344.5	316.8	295.6	278.0	263.7	248.5	230.6	204.6	177.4	152.5	129.2
-5°	342.9	315.6	293.7	276.5	263.1	247.8	229.7	203.2	176.7	152.4	128.7
-7.5°	340.6	314.1	292.0	275.0	262.0	246.7	228.1	201.4	175.7	151.9	127.9
-10°	337.6	312.2	290.9	274.5	261.1	245.3	225.9	199.0	174.2	151.0	126.8
-12.5°	333.7	309.5	289.2	273.6	259.9	243.5	223.2	197.0	172.6	149.6	125.4
-15°	329.0	306.1	287.0	272.4	258.1	241.2	220.2	194.9	171.0	147.8	123.8
-17.5°	323.8	301.8	284.2	270.8	255.7	238.4	216.7	192.4	169.0	145.7	122.0
-20°	318.7	297.8	281.0	268.8	252.7	235.0	212.8	189.5	166.5	143.1	120.0



REPORT NUMBER: P626959 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-727-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	313.0	294.0	278.6	265.4	249.0	231.0	208.7	186.1	163.6	140.2	117.6
-25°	306.4	289.6	275.3	261.2	244.3	225.7	204.3	182.5	160.1	137.0	114.9
-27.5°	300.6	284.9	271.2	256.7	239.6	220.2	199.7	178.3	156.2	133.3	111.9
-30°	294.7	279.8	266.1	251.7	234.7	214.7	194.7	173.5	151.7	129.5	108.5
-32.5°	287.4	273.6	260.6	246.0	228.6	208.7	189.1	168.3	146.8	125.3	104.9
-35°	279.3	267.0	255.0	240.0	221.4	201.7	182.4	162.5	141.5	120.8	101.2
-37.5°	270.9	259.9	248.3	232.7	213.5	193.9	175.0	155.8	135.8	115.8	97.1
-40°	262.6	252.0	240.6	223.4	204.4	185.4	167.1	148.8	129.9	110.5	92.8
-42.5°	253.7	243.7	230.5	213.4	194.3	176.4	159.0	141.6	123.4	105.2	88.3
-45°	245.0	234.3	219.6	202.0	183.5	167.0	150.8	134.2	116.8	99.8	83.6
-47.5°	235.6	223.0	207.7	190.2	173.0	157.5	142.5	126.6	110.0	94.1	78.7
-50°	224.2	210.9	195.0	178.9	162.7	148.3	134.0	118.9	103.3	88.3	73.5
-52.5°	210.9	197.3	182.4	167.4	152.6	138.9	125.3	110.9	96.3	82.1	68.2
-55°	196.6	183.7	169.8	155.6	142.0	129.4	116.6	102.7	88.9	75.6	62.7
-57.5°	181.2	169.6	156.2	143.1	131.0	119.6	107.2	94.0	81.3	68.9	57.7
-60°	164.6	153.5	141.6	130.5	119.8	108.8	97.2	85.1	73.3	62.2	52.4
-62.5°	147.2	137.1	127.6	117.7	107.5	97.1	86.8	75.8	65.1	56.0	47.0
-65°	129.5	121.2	113.2	103.6	94.2	85.2	76.1	66.3	57.8	49.7	41.7
-67.5°	111.4	104.7	97.1	88.8	81.3	73.6	65.2	57.8	50.6	43.3	36.8
-70°	94.9	88.4	81.9	75.6	69.0	62.2	56.0	49.7	43.3	37.6	31.8
-72.5°	79.2	73.9	68.4	62.8	57.7	52.4	47.0	41.7	36.8	31.8	26.7
-75°	64.0	60.0	55.8	51.5	47.1	42.6	38.6	34.5	30.2	26.0	22.1
-77.5°	50.5	47.1	43.7	40.5	37.3	34.0	30.6	27.2	23.9	20.8	17.6
-80°	37.1	34.9	32.7	30.5	27.9	25.3	22.9	20.6	18.1	15.6	13.1
-82.5°	24.0	23.1	22.2	21.1	19.4	17.7	15.9	14.2	12.3	10.5	9.1
-85°	14.8	14.1	13.3	12.3	11.2	10.1	9.3	8.5	7.7	6.9	6.1
-87.5°	6.8	6.5	6.1	5.8	5.4	5.0	4.7	4.3	3.9	3.5	3.0
-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: P626959 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2D-727-U-NR-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°	2.6	2.2	1.8	1.3	0.9	0.4	0.0
85°	5.2	4.4	3.5	2.6	1.8	0.8	0.0
82.5°	7.8	6.5	5.2	3.9	2.6	1.2	0.0
80°	10.6	8.7	7.0	5.2	3.5	1.5	0.0
77.5°	14.4	11.2	8.7	6.5	4.3	1.9	0.0
75°	18.2	14.2	10.5	7.8	5.2	2.3	0.0
72.5°	22.0	17.2	12.8	9.1	6.0	2.6	0.0
70°	25.7	20.2	15.1	10.4	6.8	3.0	0.0
67.5°	30.0	23.1	17.3	12.0	7.6	3.3	0.0
65°	34.1	26.2	19.5	13.6	8.3	3.7	0.0
62.5°	38.2	29.6	21.6	15.1	9.1	4.0	0.0
60°	42.2	32.9	23.7	16.6	9.8	4.3	0.0
57.5°	46.5	36.2	26.2	18.0	10.7	4.6	0.0
55°	50.9	39.3	28.7	19.4	11.6	4.9	0.0
52.5°	55.1	42.4	31.2	20.8	12.4	5.2	0.0
50°	59.1	45.8	33.5	22.0	13.3	5.5	0.0
47.5°	63.1	49.0	35.8	23.4	14.1	5.8	0.0
45°	67.3	52.2	37.9	25.0	14.9	6.0	0.0
42.5°	71.4	55.1	40.0	26.5	15.7	6.2	0.0
40°	75.2	58.0	42.1	28.1	16.4	6.4	0.0
37.5°	78.9	60.7	44.3	29.5	17.1	6.6	0.0
35°	82.3	63.4	46.3	30.9	17.8	6.8	0.0
32.5°	85.5	66.1	48.2	32.2	18.5	7.0	0.0
30°	88.5	68.6	49.9	33.4	19.1	7.1	0.0
27.5°	91.3	70.9	51.6	34.5	19.6	7.3	0.0
25°	93.8	73.0	53.2	35.6	20.1	7.4	0.0
22.5°	96.1	74.9	54.7	36.5	20.6	7.5	0.0
20°	98.2	76.5	56.0	37.4	21.1	7.5	0.0
17.5°	99.9	77.9	57.1	38.1	21.5	7.6	0.0
15°	101.3	79.0	58.1	38.8	21.8	7.7	0.0
12.5°	102.4	80.0	59.0	39.3	22.1	7.7	0.0
10°	103.3	80.7	59.7	39.8	22.4	7.7	0.0
7.5°	103.8	81.1	60.2	40.1	22.5	7.7	0.0
5°	104.2	81.4	60.6	40.4	22.7	7.7	0.0
2.5°	104.2	81.4	60.8	40.5	22.8	7.6	0.0
0°	104.0	81.2	60.9	40.6	22.8	7.6	0.0
-2.5°	104.2	81.4	60.8	40.5	22.8	7.6	0.0
-5°	104.2	81.4	60.6	40.4	22.7	7.7	0.0
-7.5°	103.8	81.1	60.2	40.1	22.5	7.7	0.0
-10°	103.3	80.7	59.7	39.8	22.4	7.7	0.0
-12.5°	102.4	80.0	59.0	39.3	22.1	7.7	0.0
-15°	101.3	79.0	58.1	38.8	21.8	7.7	0.0
-17.5°	99.9	77.9	57.1	38.1	21.5	7.6	0.0
-20°	98.2	76.5	56.0	37.4	21.1	7.5	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626959 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2D-727-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	96.1	74.9	54.7	36.5	20.6	7.5	0.0
-25°	93.8	73.0	53.2	35.6	20.1	7.4	0.0
-27.5°	91.3	70.9	51.6	34.5	19.6	7.3	0.0
-30°	88.5	68.6	49.9	33.4	19.1	7.1	0.0
-32.5°	85.5	66.1	48.2	32.2	18.5	7.0	0.0
-35°	82.3	63.4	46.3	30.9	17.8	6.8	0.0
-37.5°	78.9	60.7	44.3	29.5	17.1	6.6	0.0
-40°	75.2	58.0	42.1	28.1	16.4	6.4	0.0
-42.5°	71.4	55.1	40.0	26.5	15.7	6.2	0.0
-45°	67.3	52.2	37.9	25.0	14.9	6.0	0.0
-47.5°	63.1	49.0	35.8	23.4	14.1	5.8	0.0
-50°	59.1	45.8	33.5	22.0	13.3	5.5	0.0
-52.5°	55.1	42.4	31.2	20.8	12.4	5.2	0.0
-55°	50.9	39.3	28.7	19.4	11.6	4.9	0.0
-57.5°	46.5	36.2	26.2	18.0	10.7	4.6	0.0
-60°	42.2	32.9	23.7	16.6	9.8	4.3	0.0
-62.5°	38.2	29.6	21.6	15.1	9.1	4.0	0.0
-65°	34.1	26.2	19.5	13.6	8.3	3.7	0.0
-67.5°	30.0	23.1	17.3	12.0	7.6	3.3	0.0
-70°	25.7	20.2	15.1	10.4	6.8	3.0	0.0
-72.5°	22.0	17.2	12.8	9.1	6.0	2.6	0.0
-75°	18.2	14.2	10.5	7.8	5.2	2.3	0.0
-77.5°	14.4	11.2	8.7	6.5	4.3	1.9	0.0
-80°	10.6	8.7	7.0	5.2	3.5	1.5	0.0
-82.5°	7.8	6.5	5.2	3.9	2.6	1.2	0.0
-85°	5.2	4.4	3.5	2.6	1.8	0.8	0.0
-87.5°	2.6	2.2	1.8	1.3	0.9	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)