

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



Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P627009 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-722-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627009 (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: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2E-722-U-NR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, NARROW SYMMETRICAL ROUND N36
Light Source: (32) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

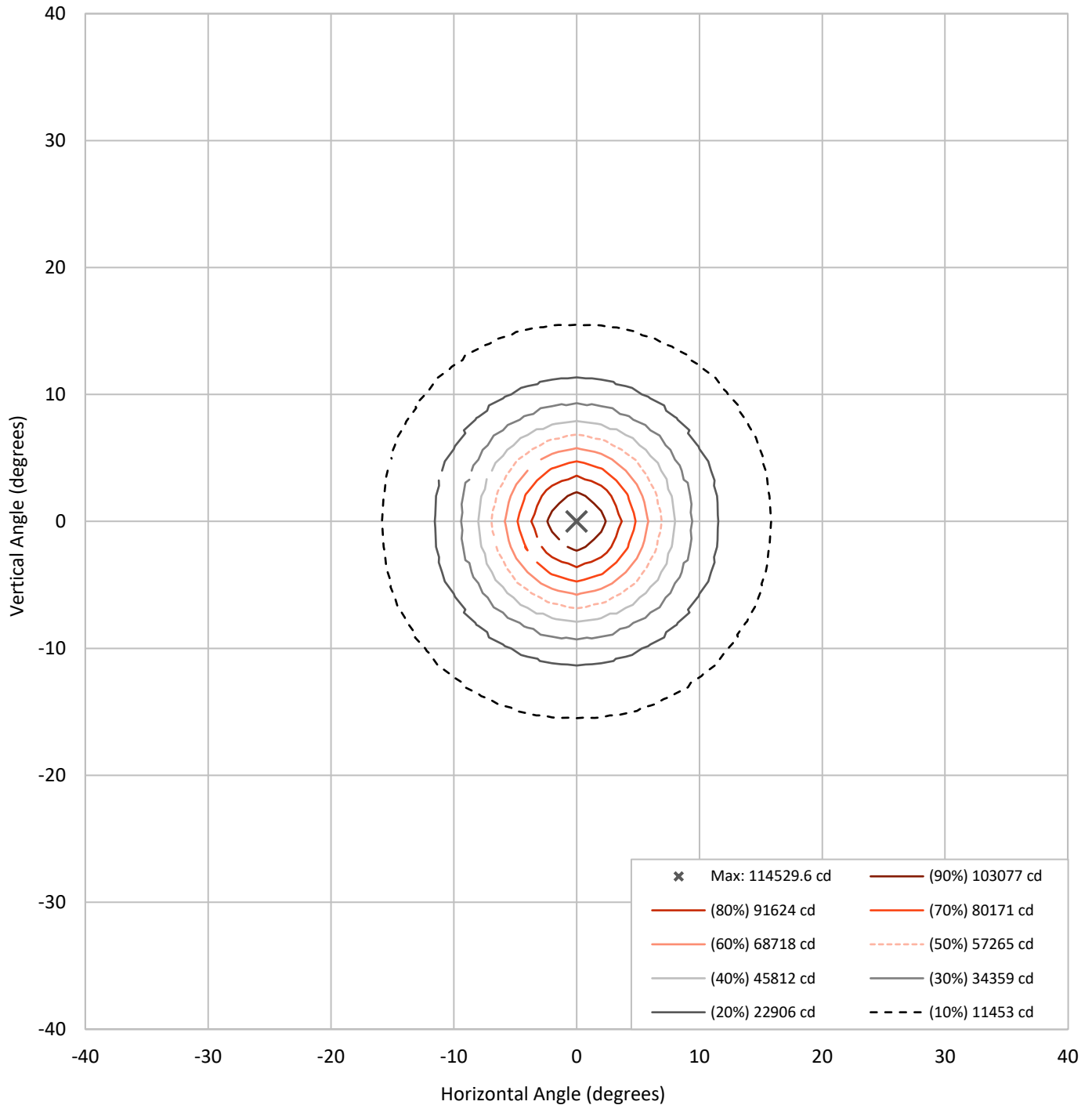
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	12161.3 lumens	Max Intensity:	114529.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	96.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	3595.6 lumens	Field Lumens:	8091.5 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	125.7		
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: P627009 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-722-U-NR-XX

Iso-Candela Plot





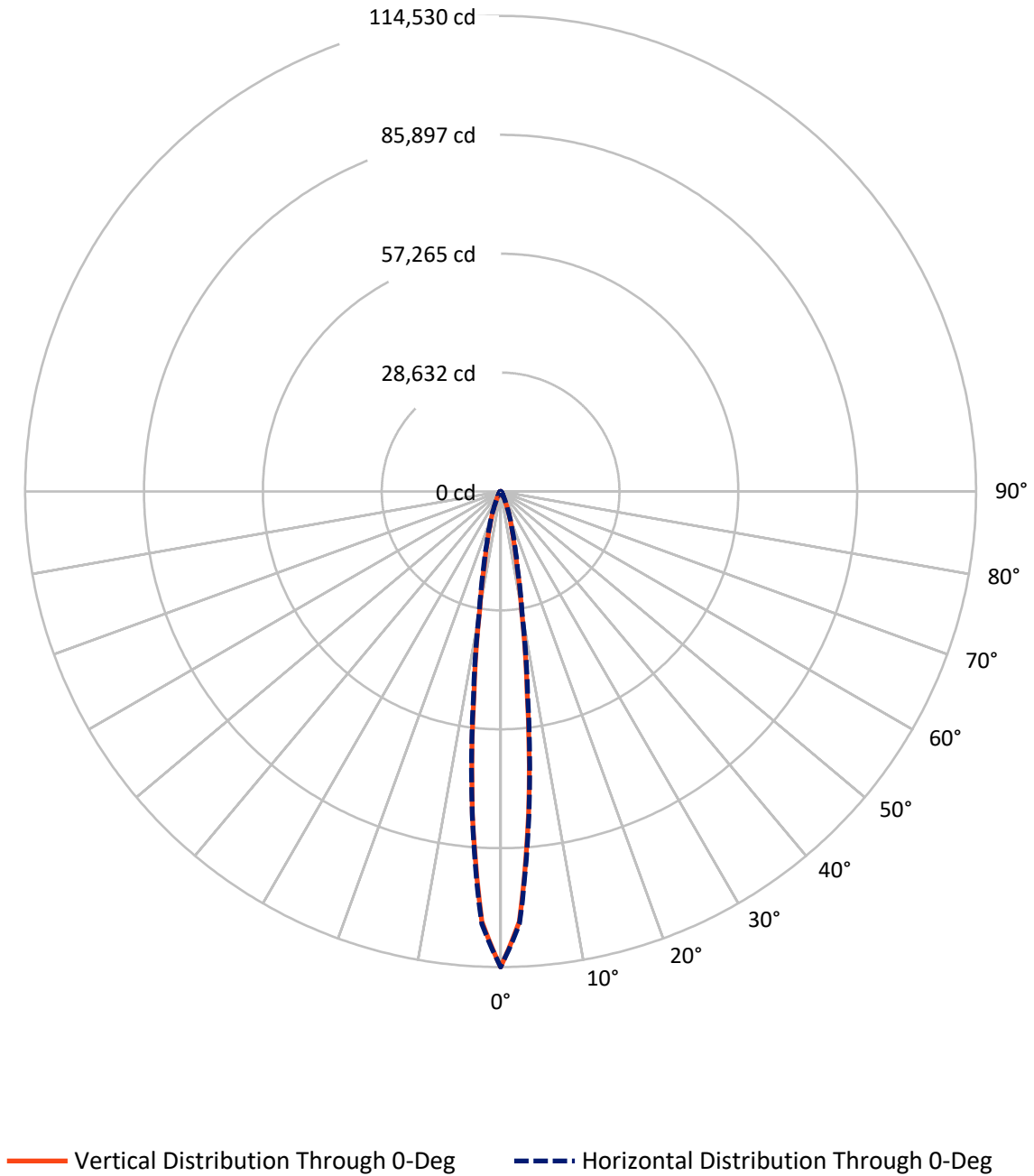
REPORT NUMBER: P627009 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-722-U-NR-XX

Lumen Table

90	0.2	1.7		4.4		7.1		7.7		7.1		4.4		1.7		0.2
80	0.2	1.7		4.4		7.1		7.7		7.1		4.4		1.7		0.2
70	0.8	0.8	1.8	2.9	4.1	5.0	5.6	5.9	5.9	5.6	5.0	4.1	2.9	1.8	0.8	0.8
60		1.3	2.6	4.3	5.7	7.0	7.8	8.2	8.2	7.8	7.0	5.7	4.3	2.6	1.3	
50	1.3	1.7	3.4	5.3	7.0	8.8	10.4	11.2	11.2	10.4	8.8	7.0	5.3	3.4	1.7	1.3
40		2.0	4.0	6.1	8.6	12.4	17.5	21.7	21.7	17.5	12.4	8.6	6.1	4.0	2.0	
30	1.7	2.3	4.4	6.9	11.2	22.2	50.6	83.8	83.8	50.6	22.2	11.2	6.9	4.4	2.3	1.7
20		2.5	4.6	7.6	14.9	47.2	167.5	360.8	360.8	167.5	47.2	14.9	7.6	4.6	2.5	
10	1.9	2.5	4.7	8.0	18.0	77.8	364.2	1573.3	1573.3	364.2	77.8	18.0	8.0	4.7	2.5	1.9
0		2.5	4.7	8.0	18.0	77.8	364.2	1573.3	1573.3	364.2	77.8	18.0	8.0	4.7	2.5	
-10	1.7	2.5	4.6	7.6	14.9	47.2	167.5	360.8	360.8	167.5	47.2	14.9	7.6	4.6	2.5	1.7
-20		2.3	4.4	6.9	11.2	22.2	50.6	83.8	83.8	50.6	22.2	11.2	6.9	4.4	2.3	
-30	1.3	2.0	4.0	6.1	8.6	12.4	17.5	21.7	21.7	17.5	12.4	8.6	6.1	4.0	2.0	1.3
-40		1.7	3.4	5.3	7.0	8.8	10.4	11.2	11.2	10.4	8.8	7.0	5.3	3.4	1.7	
-50	0.8	1.3	2.6	4.3	5.7	7.0	7.8	8.2	8.2	7.8	7.0	5.7	4.3	2.6	1.3	0.8
-60		0.8	1.8	2.9	4.1	5.0	5.6	5.9	5.9	5.6	5.0	4.1	2.9	1.8	0.8	
-70	0.2	1.7		4.4		7.1		7.7		7.1		4.4		1.7		0.2
-80		1.7		4.4		7.1		7.7		7.1		4.4		1.7		
-90	0.2	1.7		4.4		7.1		7.7		7.1		4.4		1.7		0.2

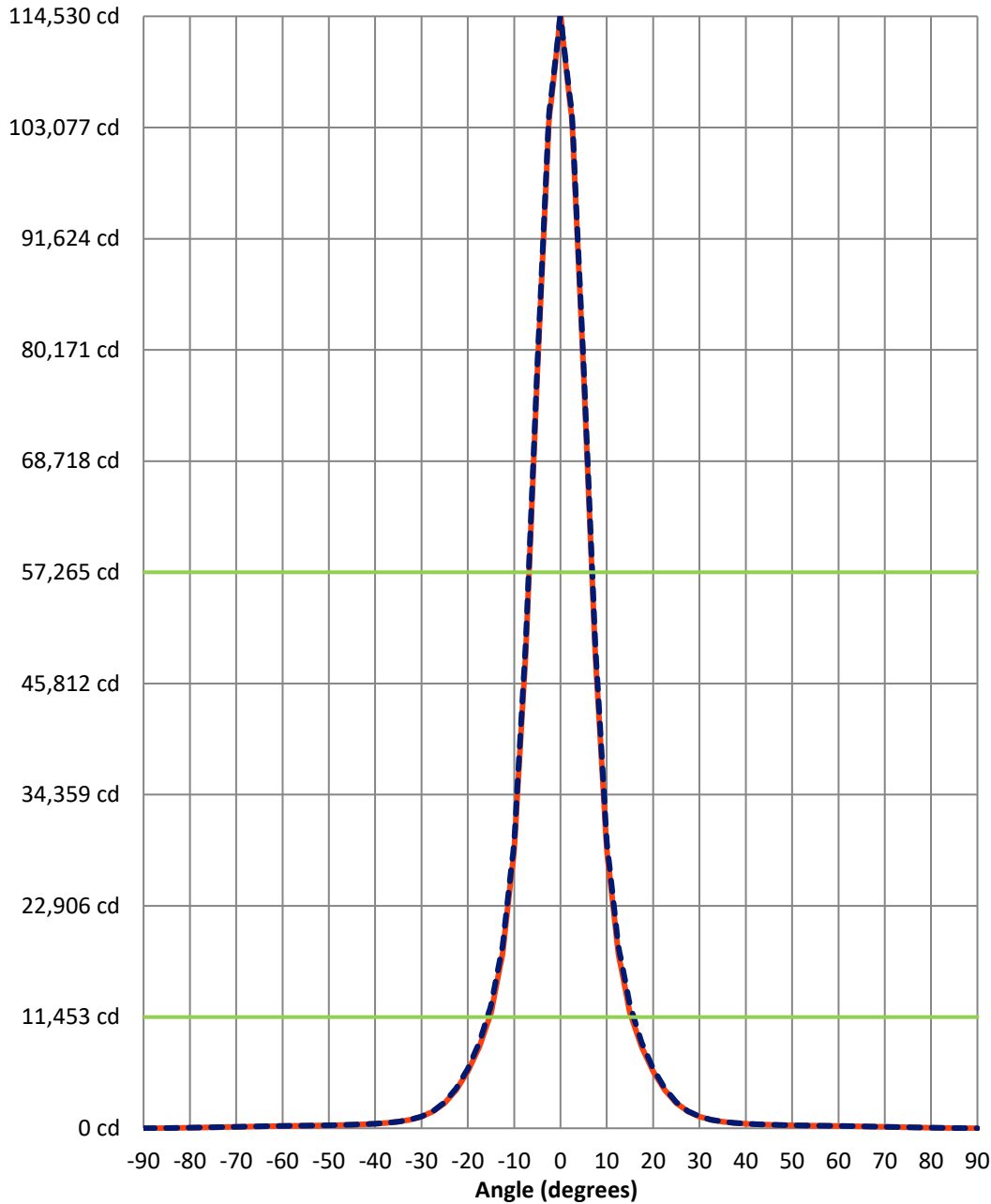
REPORT NUMBER: P627009 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-722-U-NR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627009 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-722-U-NR-XX

Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 3595.6
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 8091.5
 Efficiency: 66.5%

Spill:
 Lumens: 4069.8
 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: P627009 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-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	1.7	2.1	2.5	2.9	3.4	3.7	4.1
85°	0.0	0.7	1.7	2.6	3.4	4.2	5.1	5.9	6.7	7.5	8.3
82.5°	0.0	1.1	2.5	3.8	5.1	6.3	7.6	8.8	10.1	11.9	13.7
80°	0.0	1.5	3.4	5.1	6.8	8.4	10.2	12.7	15.1	17.5	19.8
77.5°	0.0	1.9	4.2	6.3	8.4	10.8	14.0	17.0	20.1	23.0	26.2
75°	0.0	2.2	5.0	7.6	10.2	13.8	17.6	21.3	25.0	29.2	33.3
72.5°	0.0	2.6	5.8	8.8	12.4	16.7	21.2	25.8	30.7	35.6	40.3
70°	0.0	2.9	6.6	10.1	14.6	19.5	24.8	30.7	36.3	41.9	48.1
67.5°	0.0	3.3	7.4	11.7	16.8	22.3	28.9	35.6	41.9	48.9	55.9
65°	0.0	3.6	8.1	13.2	18.9	25.3	33.0	40.3	48.1	55.9	64.1
62.5°	0.0	3.9	8.8	14.7	20.9	28.6	36.9	45.5	54.1	63.0	73.3
60°	0.0	4.2	9.5	16.1	22.9	31.9	40.8	50.7	60.1	70.9	82.3
57.5°	0.0	4.5	10.4	17.5	25.4	35.0	45.0	55.8	66.6	78.6	90.9
55°	0.0	4.8	11.2	18.8	27.8	38.0	49.2	60.6	73.1	86.0	99.3
52.5°	0.0	5.1	12.1	20.1	30.2	41.1	53.3	65.9	79.4	93.1	107.2
50°	0.0	5.3	12.9	21.3	32.4	44.3	57.2	71.1	85.3	99.9	114.9
47.5°	0.0	5.6	13.7	22.6	34.6	47.4	61.0	76.1	91.0	106.3	122.5
45°	0.0	5.8	14.5	24.2	36.7	50.5	65.1	80.8	96.5	112.9	129.8
42.5°	0.0	6.1	15.2	25.7	38.7	53.3	69.0	85.4	101.7	119.4	137.0
40°	0.0	6.3	15.9	27.2	40.8	56.1	72.7	89.8	106.9	125.6	143.9
37.5°	0.0	6.4	16.6	28.6	42.9	58.7	76.3	93.9	112.0	131.4	150.6
35°	0.0	6.6	17.3	29.9	44.8	61.3	79.6	97.8	116.8	136.8	157.1
32.5°	0.0	6.8	17.9	31.2	46.6	63.9	82.7	101.5	121.2	141.9	162.7
30°	0.0	6.9	18.5	32.4	48.3	66.3	85.6	104.9	125.2	146.6	167.8
27.5°	0.0	7.1	19.0	33.4	50.0	68.5	88.3	108.2	128.9	151.0	172.4
25°	0.0	7.2	19.5	34.4	51.5	70.6	90.8	111.1	132.5	154.8	176.5
22.5°	0.0	7.3	20.0	35.4	52.9	72.4	93.0	113.7	135.6	158.2	180.0
20°	0.0	7.3	20.4	36.2	54.1	74.0	95.0	116.0	138.4	161.0	183.2
17.5°	0.0	7.4	20.8	36.9	55.2	75.4	96.6	117.9	140.8	163.4	186.1
15°	0.0	7.4	21.1	37.5	56.2	76.5	98.0	119.7	142.9	165.4	188.5
12.5°	0.0	7.5	21.4	38.1	57.0	77.3	99.0	121.2	144.6	166.9	190.5
10°	0.0	7.5	21.7	38.5	57.7	78.0	99.9	122.6	146.0	168.6	192.5
7.5°	0.0	7.5	21.9	38.9	58.2	78.4	100.4	123.7	146.9	169.9	194.8
5°	0.0	7.5	22.0	39.1	58.6	78.7	100.8	124.4	147.4	170.9	196.6
2.5°	0.0	7.4	22.1	39.3	58.8	78.7	100.8	124.9	147.5	171.6	197.9
0°	0.0	7.4	22.1	39.3	58.9	78.5	100.6	125.1	147.2	171.8	198.8
-2.5°	0.0	7.4	22.1	39.3	58.8	78.7	100.8	124.9	147.5	171.6	197.9
-5°	0.0	7.5	22.0	39.1	58.6	78.7	100.8	124.4	147.4	170.9	196.6
-7.5°	0.0	7.5	21.9	38.9	58.2	78.4	100.4	123.7	146.9	169.9	194.8
-10°	0.0	7.5	21.7	38.5	57.7	78.0	99.9	122.6	146.0	168.6	192.5
-12.5°	0.0	7.5	21.4	38.1	57.0	77.3	99.0	121.2	144.6	166.9	190.5
-15°	0.0	7.4	21.1	37.5	56.2	76.5	98.0	119.7	142.9	165.4	188.5
-17.5°	0.0	7.4	20.8	36.9	55.2	75.4	96.6	117.9	140.8	163.4	186.1
-20°	0.0	7.3	20.4	36.2	54.1	74.0	95.0	116.0	138.4	161.0	183.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627009 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-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	7.3	20.0	35.4	52.9	72.4	93.0	113.7	135.6	158.2	180.0
-25°	0.0	7.2	19.5	34.4	51.5	70.6	90.8	111.1	132.5	154.8	176.5
-27.5°	0.0	7.1	19.0	33.4	50.0	68.5	88.3	108.2	128.9	151.0	172.4
-30°	0.0	6.9	18.5	32.4	48.3	66.3	85.6	104.9	125.2	146.6	167.8
-32.5°	0.0	6.8	17.9	31.2	46.6	63.9	82.7	101.5	121.2	141.9	162.7
-35°	0.0	6.6	17.3	29.9	44.8	61.3	79.6	97.8	116.8	136.8	157.1
-37.5°	0.0	6.4	16.6	28.6	42.9	58.7	76.3	93.9	112.0	131.4	150.6
-40°	0.0	6.3	15.9	27.2	40.8	56.1	72.7	89.8	106.9	125.6	143.9
-42.5°	0.0	6.1	15.2	25.7	38.7	53.3	69.0	85.4	101.7	119.4	137.0
-45°	0.0	5.8	14.5	24.2	36.7	50.5	65.1	80.8	96.5	112.9	129.8
-47.5°	0.0	5.6	13.7	22.6	34.6	47.4	61.0	76.1	91.0	106.3	122.5
-50°	0.0	5.3	12.9	21.3	32.4	44.3	57.2	71.1	85.3	99.9	114.9
-52.5°	0.0	5.1	12.1	20.1	30.2	41.1	53.3	65.9	79.4	93.1	107.2
-55°	0.0	4.8	11.2	18.8	27.8	38.0	49.2	60.6	73.1	86.0	99.3
-57.5°	0.0	4.5	10.4	17.5	25.4	35.0	45.0	55.8	66.6	78.6	90.9
-60°	0.0	4.2	9.5	16.1	22.9	31.9	40.8	50.7	60.1	70.9	82.3
-62.5°	0.0	3.9	8.8	14.7	20.9	28.6	36.9	45.5	54.1	63.0	73.3
-65°	0.0	3.6	8.1	13.2	18.9	25.3	33.0	40.3	48.1	55.9	64.1
-67.5°	0.0	3.3	7.4	11.7	16.8	22.3	28.9	35.6	41.9	48.9	55.9
-70°	0.0	2.9	6.6	10.1	14.6	19.5	24.8	30.7	36.3	41.9	48.1
-72.5°	0.0	2.6	5.8	8.8	12.4	16.7	21.2	25.8	30.7	35.6	40.3
-75°	0.0	2.2	5.0	7.6	10.2	13.8	17.6	21.3	25.0	29.2	33.3
-77.5°	0.0	1.9	4.2	6.3	8.4	10.8	14.0	17.0	20.1	23.0	26.2
-80°	0.0	1.5	3.4	5.1	6.8	8.4	10.2	12.7	15.1	17.5	19.8
-82.5°	0.0	1.1	2.5	3.8	5.1	6.3	7.6	8.8	10.1	11.9	13.7
-85°	0.0	0.7	1.7	2.6	3.4	4.2	5.1	5.9	6.7	7.5	8.3
-87.5°	0.0	0.4	0.9	1.3	1.7	2.1	2.5	2.9	3.4	3.7	4.1
-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: P627009 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-722-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°	4.5	4.9	5.3	5.6	6.0	6.3	6.6	6.9	7.2	7.5	7.8
85°	9.0	9.8	10.9	11.9	12.9	13.6	14.3	14.9	15.9	17.0	18.0
82.5°	15.4	17.1	18.7	20.3	21.5	22.3	23.2	24.5	26.6	28.7	30.6
80°	22.1	24.4	26.9	29.4	31.6	33.7	35.9	38.2	40.6	42.8	45.0
77.5°	29.6	32.8	36.0	39.2	42.3	45.6	48.8	51.9	54.9	57.7	60.4
75°	37.3	41.3	45.6	49.8	54.0	58.0	61.9	66.1	70.1	74.0	77.6
72.5°	45.5	50.7	55.8	60.8	66.1	71.4	76.5	81.4	86.2	91.2	96.5
70°	54.1	60.1	66.8	73.1	79.1	85.4	91.7	97.1	102.3	109.2	116.3
67.5°	63.0	71.1	78.6	85.8	93.8	101.2	107.7	114.6	121.9	129.9	136.9
65°	73.6	82.4	91.1	100.2	109.4	117.1	125.2	133.7	142.1	150.0	157.6
62.5°	84.0	93.9	103.9	113.8	123.3	132.6	142.3	151.8	161.0	170.2	178.3
60°	94.0	105.2	115.8	126.2	137.0	148.5	159.2	169.7	180.7	191.1	196.6
57.5°	103.6	115.6	126.7	138.4	151.0	164.0	175.3	187.2	196.6	203.8	210.9
55°	112.7	125.2	137.3	150.4	164.2	177.7	190.2	200.8	209.5	216.2	223.7
52.5°	121.2	134.4	147.6	161.9	176.5	190.8	204.0	213.9	221.8	228.6	235.6
50°	129.6	143.4	157.4	173.0	188.6	203.9	216.8	225.9	233.3	240.2	247.5
47.5°	137.8	152.3	167.3	184.0	200.9	215.7	227.9	236.2	243.7	251.9	259.8
45°	145.8	161.5	177.4	195.3	212.4	226.6	237.0	245.3	254.5	263.4	271.8
42.5°	153.7	170.6	187.9	206.4	222.9	235.7	245.4	255.3	265.2	274.6	284.1
40°	161.6	179.3	197.6	216.1	232.7	243.7	254.0	264.6	275.5	285.7	296.4
37.5°	169.2	187.5	206.4	225.1	240.1	251.3	262.0	273.7	285.2	296.4	310.2
35°	176.4	195.0	214.1	232.1	246.6	258.2	270.1	282.4	294.5	309.0	324.7
32.5°	182.9	201.8	221.1	237.9	252.0	264.6	277.9	290.8	305.3	321.7	340.6
30°	188.3	207.6	227.0	243.4	257.3	270.5	285.0	299.2	316.2	335.9	358.3
27.5°	193.1	212.9	231.7	248.2	262.3	275.5	290.7	308.6	328.1	350.2	376.5
25°	197.6	218.3	236.2	252.5	266.3	280.0	296.4	316.2	339.6	366.2	398.5
22.5°	201.8	223.4	240.8	256.7	269.4	284.3	302.6	324.2	349.7	380.8	420.2
20°	205.8	227.2	244.4	259.9	271.7	288.0	308.2	331.2	360.1	397.3	442.8
17.5°	209.5	230.5	247.2	261.8	274.8	291.9	313.0	337.0	369.2	412.3	463.6
15°	212.9	233.3	249.5	263.4	277.5	296.0	318.1	344.0	379.3	426.5	482.1
12.5°	215.9	235.5	251.3	264.6	279.7	299.3	322.7	351.4	390.1	440.5	505.4
10°	218.4	237.2	252.5	265.5	281.3	301.9	326.5	357.4	398.8	451.4	523.4
7.5°	220.6	238.6	253.4	265.9	282.4	303.7	329.4	362.0	404.8	459.1	536.4
5°	222.1	239.6	254.4	267.4	284.0	305.1	331.5	365.1	408.3	463.7	544.4
2.5°	223.0	240.3	255.0	268.8	285.9	306.3	333.2	368.5	411.2	468.2	550.6
0°	223.3	240.5	255.2	269.9	287.1	306.7	333.7	370.5	412.2	471.1	554.6
-2.5°	223.0	240.3	255.0	268.8	285.9	306.3	333.2	368.5	411.2	468.2	550.6
-5°	222.1	239.6	254.4	267.4	284.0	305.1	331.5	365.1	408.3	463.7	544.4
-7.5°	220.6	238.6	253.4	265.9	282.4	303.7	329.4	362.0	404.8	459.1	536.4
-10°	218.4	237.2	252.5	265.5	281.3	301.9	326.5	357.4	398.8	451.4	523.4
-12.5°	215.9	235.5	251.3	264.6	279.7	299.3	322.7	351.4	390.1	440.5	505.4
-15°	212.9	233.3	249.5	263.4	277.5	296.0	318.1	344.0	379.3	426.5	482.1
-17.5°	209.5	230.5	247.2	261.8	274.8	291.9	313.0	337.0	369.2	412.3	463.6
-20°	205.8	227.2	244.4	259.9	271.7	288.0	308.2	331.2	360.1	397.3	442.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627009 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-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°	201.8	223.4	240.8	256.7	269.4	284.3	302.6	324.2	349.7	380.8	420.2
-25°	197.6	218.3	236.2	252.5	266.3	280.0	296.4	316.2	339.6	366.2	398.5
-27.5°	193.1	212.9	231.7	248.2	262.3	275.5	290.7	308.6	328.1	350.2	376.5
-30°	188.3	207.6	227.0	243.4	257.3	270.5	285.0	299.2	316.2	335.9	358.3
-32.5°	182.9	201.8	221.1	237.9	252.0	264.6	277.9	290.8	305.3	321.7	340.6
-35°	176.4	195.0	214.1	232.1	246.6	258.2	270.1	282.4	294.5	309.0	324.7
-37.5°	169.2	187.5	206.4	225.1	240.1	251.3	262.0	273.7	285.2	296.4	310.2
-40°	161.6	179.3	197.6	216.1	232.7	243.7	254.0	264.6	275.5	285.7	296.4
-42.5°	153.7	170.6	187.9	206.4	222.9	235.7	245.4	255.3	265.2	274.6	284.1
-45°	145.8	161.5	177.4	195.3	212.4	226.6	237.0	245.3	254.5	263.4	271.8
-47.5°	137.8	152.3	167.3	184.0	200.9	215.7	227.9	236.2	243.7	251.9	259.8
-50°	129.6	143.4	157.4	173.0	188.6	203.9	216.8	225.9	233.3	240.2	247.5
-52.5°	121.2	134.4	147.6	161.9	176.5	190.8	204.0	213.9	221.8	228.6	235.6
-55°	112.7	125.2	137.3	150.4	164.2	177.7	190.2	200.8	209.5	216.2	223.7
-57.5°	103.6	115.6	126.7	138.4	151.0	164.0	175.3	187.2	196.6	203.8	210.9
-60°	94.0	105.2	115.8	126.2	137.0	148.5	159.2	169.7	180.7	191.1	196.6
-62.5°	84.0	93.9	103.9	113.8	123.3	132.6	142.3	151.8	161.0	170.2	178.3
-65°	73.6	82.4	91.1	100.2	109.4	117.1	125.2	133.7	142.1	150.0	157.6
-67.5°	63.0	71.1	78.6	85.8	93.8	101.2	107.7	114.6	121.9	129.9	136.9
-70°	54.1	60.1	66.8	73.1	79.1	85.4	91.7	97.1	102.3	109.2	116.3
-72.5°	45.5	50.7	55.8	60.8	66.1	71.4	76.5	81.4	86.2	91.2	96.5
-75°	37.3	41.3	45.6	49.8	54.0	58.0	61.9	66.1	70.1	74.0	77.6
-77.5°	29.6	32.8	36.0	39.2	42.3	45.6	48.8	51.9	54.9	57.7	60.4
-80°	22.1	24.4	26.9	29.4	31.6	33.7	35.9	38.2	40.6	42.8	45.0
-82.5°	15.4	17.1	18.7	20.3	21.5	22.3	23.2	24.5	26.6	28.7	30.6
-85°	9.0	9.8	10.9	11.9	12.9	13.6	14.3	14.9	15.9	17.0	18.0
-87.5°	4.5	4.9	5.3	5.6	6.0	6.3	6.6	6.9	7.2	7.5	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



REPORT NUMBER: P627009 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-722-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°	8.0	8.3	8.5	8.7	8.9	9.1	9.2	9.3	9.5	9.0	8.5
85°	19.2	19.9	20.6	21.2	21.7	22.3	22.7	23.1	23.5	23.2	22.9
82.5°	32.3	33.6	34.8	35.8	36.8	37.8	38.6	39.3	39.9	39.9	39.7
80°	47.0	49.1	51.2	53.3	55.4	56.6	57.5	58.2	58.7	58.9	58.9
77.5°	63.2	66.4	69.8	73.2	76.5	78.4	79.7	80.8	81.7	81.9	81.8
75°	81.1	85.3	89.9	94.0	97.5	99.7	101.2	102.5	103.5	103.8	103.7
72.5°	102.0	107.1	111.3	114.7	117.7	120.0	121.9	123.5	124.8	125.4	125.4
70°	122.5	127.6	131.6	135.0	137.9	140.3	142.6	144.5	146.1	147.3	148.1
67.5°	143.3	149.1	153.2	156.3	158.8	161.3	164.3	166.9	169.1	170.5	171.3
65°	164.6	170.7	174.5	178.0	181.0	184.2	187.5	190.0	191.6	192.6	193.3
62.5°	185.2	190.9	195.8	200.3	204.7	208.3	210.6	212.7	214.4	215.9	217.0
60°	202.9	210.1	215.6	220.0	224.3	228.4	231.2	233.4	235.2	236.5	237.3
57.5°	218.1	225.4	231.9	236.2	240.8	245.7	249.0	250.8	252.6	254.0	254.7
55°	231.4	238.1	244.1	249.9	255.1	259.6	263.0	265.5	267.6	269.3	269.8
52.5°	243.2	250.6	257.6	263.8	268.9	273.2	276.6	279.7	282.1	283.7	284.4
50°	255.7	263.7	271.2	277.9	283.2	288.0	292.3	295.9	299.4	302.2	304.2
47.5°	268.0	276.5	284.8	292.2	298.5	305.4	311.6	316.8	322.0	326.1	329.0
45°	280.5	290.2	299.2	308.8	317.3	326.4	334.8	342.0	349.5	355.1	358.9
42.5°	294.2	305.3	316.2	328.1	339.7	351.5	364.2	375.6	384.4	392.6	399.3
40°	309.0	321.7	335.9	350.5	367.6	383.2	400.3	415.0	428.3	442.4	453.5
37.5°	324.7	340.6	359.2	378.8	401.0	422.3	444.6	466.6	485.8	508.4	525.7
35°	342.2	363.3	386.2	412.7	440.3	470.9	501.5	536.8	567.2	600.7	629.8
32.5°	362.7	388.0	418.1	452.9	488.5	534.8	578.1	634.4	683.0	736.1	789.6
30°	383.9	416.9	455.8	499.7	556.2	619.9	690.9	774.6	860.9	944.4	1045.2
27.5°	410.2	450.0	497.1	561.3	644.4	730.4	825.5	978.2	1136.9	1268.1	1453.1
25°	437.5	484.3	551.2	638.5	746.9	896.4	1081.7	1282.5	1561.6	1806.8	2094.4
22.5°	467.2	530.4	613.6	721.4	885.8	1115.2	1395.8	1773.8	2185.5	2622.6	3057.4
20°	498.2	574.6	683.7	839.9	1065.6	1376.2	1857.8	2441.5	3029.6	3750.8	4389.5
17.5°	534.0	631.3	765.8	961.1	1262.2	1738.0	2406.2	3221.0	4133.5	5170.4	6091.1
15°	563.8	679.9	849.6	1122.8	1537.0	2148.1	2990.7	4111.6	5482.7	6875.4	8288.4
12.5°	598.5	732.7	932.1	1257.8	1778.0	2590.1	3737.0	5155.8	6868.2	8799.9	11077.2
10°	629.3	784.6	1032.4	1435.7	2071.3	3051.2	4443.1	6150.0	8359.9	11139.2	14665.6
7.5°	652.1	825.9	1109.8	1571.0	2325.0	3494.5	5110.2	7238.6	10046.7	13716.7	18556.5
5°	666.9	855.8	1164.6	1675.5	2523.4	3824.3	5599.1	8010.8	11398.5	16589.2	24784.7
2.5°	675.8	873.5	1195.9	1736.7	2644.1	4042.9	5971.1	8594.6	12274.6	18364.3	28790.6
0°	679.7	878.5	1214.6	1769.2	2684.5	4127.3	6141.9	8860.7	12666.6	18779.1	29494.9
-2.5°	675.8	873.5	1195.9	1736.7	2644.1	4042.9	5971.1	8594.6	12274.6	18364.3	28790.6
-5°	666.9	855.8	1164.6	1675.5	2523.4	3824.3	5599.1	8010.8	11398.5	16589.2	24784.7
-7.5°	652.1	825.9	1109.8	1571.0	2325.0	3494.5	5110.2	7238.6	10046.7	13716.7	18556.5
-10°	629.3	784.6	1032.4	1435.7	2071.3	3051.2	4443.1	6150.0	8359.9	11139.2	14665.6
-12.5°	598.5	732.7	932.1	1257.8	1778.0	2590.1	3737.0	5155.8	6868.2	8799.9	11077.2
-15°	563.8	679.9	849.6	1122.8	1537.0	2148.1	2990.7	4111.6	5482.7	6875.4	8288.4
-17.5°	534.0	631.3	765.8	961.1	1262.2	1738.0	2406.2	3221.0	4133.5	5170.4	6091.1
-20°	498.2	574.6	683.7	839.9	1065.6	1376.2	1857.8	2441.5	3029.6	3750.8	4389.5



REPORT NUMBER: P627009 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	467.2	530.4	613.6	721.4	885.8	1115.2	1395.8	1773.8	2185.5	2622.6	3057.4
-25°	437.5	484.3	551.2	638.5	746.9	896.4	1081.7	1282.5	1561.6	1806.8	2094.4
-27.5°	410.2	450.0	497.1	561.3	644.4	730.4	852.5	978.2	1136.9	1268.1	1453.1
-30°	383.9	416.9	455.8	499.7	556.2	619.9	690.9	774.6	860.9	944.4	1045.2
-32.5°	362.7	388.0	418.1	452.9	488.5	534.8	578.1	634.4	683.0	736.1	789.6
-35°	342.2	363.3	386.2	412.7	440.3	470.9	501.5	536.8	567.2	600.7	629.8
-37.5°	324.7	340.6	359.2	378.8	401.0	422.3	444.6	466.6	485.8	508.4	525.7
-40°	309.0	321.7	335.9	350.5	367.6	383.2	400.3	415.0	428.3	442.4	453.5
-42.5°	294.2	305.3	316.2	328.1	339.7	351.5	364.2	375.6	384.4	392.6	399.3
-45°	280.5	290.2	299.2	308.8	317.3	326.4	334.8	342.0	349.5	355.1	358.9
-47.5°	268.0	276.5	284.8	292.2	298.5	305.4	311.6	316.8	322.0	326.1	329.0
-50°	255.7	263.7	271.2	277.9	283.2	288.0	292.3	295.9	299.4	302.2	304.2
-52.5°	243.2	250.6	257.6	263.8	268.9	273.2	276.6	279.7	282.1	283.7	284.4
-55°	231.4	238.1	244.1	249.9	255.1	259.6	263.0	265.5	267.6	269.3	269.8
-57.5°	218.1	225.4	231.9	236.2	240.8	245.7	249.0	250.8	252.6	254.0	254.7
-60°	202.9	210.1	215.6	220.0	224.3	228.4	231.2	233.4	235.2	236.5	237.3
-62.5°	185.2	190.9	195.8	200.3	204.7	208.3	210.6	212.7	214.4	215.9	217.0
-65°	164.6	170.7	174.5	178.0	181.0	184.2	187.5	190.0	191.6	192.6	193.3
-67.5°	143.3	149.1	153.2	156.3	158.8	161.3	164.3	166.9	169.1	170.5	171.3
-70°	122.5	127.6	131.6	135.0	137.9	140.3	142.6	144.5	146.1	147.3	148.1
-72.5°	102.0	107.1	111.3	114.7	117.7	120.0	121.9	123.5	124.8	125.4	125.4
-75°	81.1	85.3	89.9	94.0	97.5	99.7	101.2	102.5	103.5	103.8	103.7
-77.5°	63.2	66.4	69.8	73.2	76.5	78.4	79.7	80.8	81.7	81.9	81.8
-80°	47.0	49.1	51.2	53.3	55.4	56.6	57.5	58.2	58.7	58.9	58.9
-82.5°	32.3	33.6	34.8	35.8	36.8	37.8	38.6	39.3	39.9	39.9	39.7
-85°	19.2	19.9	20.6	21.2	21.7	22.3	22.7	23.1	23.5	23.2	22.9
-87.5°	8.0	8.3	8.5	8.7	8.9	9.1	9.2	9.3	9.5	9.0	8.5
-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: P627009 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-722-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°	7.9	7.4	7.4	7.4	7.4	7.4	7.9	8.5	9.0	9.5	9.3
85°	22.5	22.0	22.1	22.1	22.1	22.0	22.5	22.9	23.2	23.5	23.1
82.5°	39.5	39.1	39.3	39.3	39.3	39.1	39.5	39.7	39.9	39.9	39.3
80°	58.8	58.6	57.6	56.4	57.6	58.6	58.8	58.9	58.9	58.7	58.2
77.5°	81.3	80.6	79.7	78.5	79.7	80.6	81.3	81.8	81.9	81.7	80.8
75°	103.3	102.7	103.0	103.1	103.0	102.7	103.3	103.7	103.8	103.5	102.5
72.5°	125.2	124.6	124.9	125.1	124.9	124.6	125.2	125.4	125.4	124.8	123.5
70°	148.7	149.0	148.3	147.2	148.3	149.0	148.7	148.1	147.3	146.1	144.5
67.5°	171.5	171.2	170.5	169.3	170.5	171.2	171.5	171.3	170.5	169.1	166.9
65°	193.5	193.3	193.7	193.9	193.7	193.3	193.5	193.3	192.6	191.6	190.0
62.5°	217.6	217.6	217.0	215.9	217.0	217.6	217.6	217.0	215.9	214.4	212.7
60°	237.6	237.4	236.7	235.6	236.7	237.4	237.6	237.3	236.5	235.2	233.4
57.5°	255.0	254.7	253.9	252.7	253.9	254.7	255.0	254.7	254.0	252.6	250.8
55°	269.9	269.5	268.7	267.5	268.7	269.5	269.9	269.8	269.3	267.6	265.5
52.5°	284.6	284.3	284.3	284.6	284.3	284.3	284.6	284.4	283.7	282.1	279.7
50°	305.4	305.8	305.5	304.3	305.5	305.8	305.4	304.2	302.2	299.4	295.9
47.5°	330.4	330.6	330.0	328.8	330.0	330.6	330.4	329.0	326.1	322.0	316.8
45°	361.9	363.7	364.1	363.2	364.1	363.7	361.9	358.9	355.1	349.5	342.0
42.5°	404.5	407.3	408.1	407.3	408.1	407.3	404.5	399.3	392.6	384.4	375.6
40°	460.4	463.6	464.2	463.8	464.2	463.6	460.4	453.5	442.4	428.3	415.0
37.5°	537.8	545.6	549.2	549.7	549.2	545.6	537.8	525.7	508.4	485.8	466.6
35°	652.0	667.5	675.7	679.7	675.7	667.5	652.0	629.8	600.7	567.2	536.8
32.5°	830.2	861.0	878.1	876.0	878.1	861.0	830.2	789.6	736.1	683.0	634.4
30°	1121.1	1175.0	1202.2	1195.0	1202.2	1175.0	1121.1	1045.2	944.4	860.9	774.6
27.5°	1585.9	1683.4	1739.8	1732.4	1739.8	1683.4	1585.9	1453.1	1268.1	1136.9	978.2
25°	2334.9	2512.8	2626.8	2598.6	2626.8	2512.8	2334.9	2094.4	1806.8	1561.6	1282.5
22.5°	3474.2	3775.7	3975.3	3950.7	3975.3	3775.7	3474.2	3057.4	2622.6	2185.5	1773.8
20°	5037.0	5495.9	5823.7	5867.1	5823.7	5495.9	5037.0	4389.5	3750.8	3029.6	2441.5
17.5°	7085.6	7813.3	8319.8	8404.3	8319.8	7813.3	7085.6	6091.1	5170.4	4133.5	3221.0
15°	9748.0	10937.4	11798.1	11869.1	11798.1	10937.4	9748.0	8288.4	6875.4	5482.7	4111.6
12.5°	13363.2	15755.2	17316.4	18003.7	17316.4	15755.2	13363.2	11077.2	8799.9	6868.2	5155.8
10°	18366.3	23860.8	27379.5	28702.3	27379.5	23860.8	18366.3	14665.6	11139.2	8359.9	6150.0
7.5°	26723.2	35349.6	44939.9	49027.3	44939.9	35349.6	26723.2	18556.5	13716.7	10046.7	7238.6
5°	36186.6	54089.9	71119.0	77768.9	71119.0	54089.9	36186.6	24784.7	16589.2	11398.5	8010.8
2.5°	46144.6	71099.1	94483.4	103628.5	94483.4	71099.1	46144.6	28790.6	18364.3	12274.6	8594.6
0°	50033.4	78546.8	104275.1	114529.6	104275.1	78546.8	50033.4	29494.9	18779.1	12666.6	8860.7
-2.5°	46144.6	71099.1	94483.4	103628.5	94483.4	71099.1	46144.6	28790.6	18364.3	12274.6	8594.6
-5°	36186.6	54089.9	71119.0	77768.9	71119.0	54089.9	36186.6	24784.7	16589.2	11398.5	8010.8
-7.5°	26723.2	35349.6	44939.9	49027.3	44939.9	35349.6	26723.2	18556.5	13716.7	10046.7	7238.6
-10°	18366.3	23860.8	27379.5	28702.3	27379.5	23860.8	18366.3	14665.6	11139.2	8359.9	6150.0
-12.5°	13363.2	15755.2	17316.4	18003.7	17316.4	15755.2	13363.2	11077.2	8799.9	6868.2	5155.8
-15°	9748.0	10937.4	11798.1	11869.1	11798.1	10937.4	9748.0	8288.4	6875.4	5482.7	4111.6
-17.5°	7085.6	7813.3	8319.8	8404.3	8319.8	7813.3	7085.6	6091.1	5170.4	4133.5	3221.0
-20°	5037.0	5495.9	5823.7	5867.1	5823.7	5495.9	5037.0	4389.5	3750.8	3029.6	2441.5



REPORT NUMBER: P627009 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-722-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°	3474.2	3775.7	3975.3	3950.7	3975.3	3775.7	3474.2	3057.4	2622.6	2185.5	1773.8
-25°	2334.9	2512.8	2626.8	2598.6	2626.8	2512.8	2334.9	2094.4	1806.8	1561.6	1282.5
-27.5°	1585.9	1683.4	1739.8	1732.4	1739.8	1683.4	1585.9	1453.1	1268.1	1136.9	978.2
-30°	1121.1	1175.0	1202.2	1195.0	1202.2	1175.0	1121.1	1045.2	944.4	860.9	774.6
-32.5°	830.2	861.0	878.1	876.0	878.1	861.0	830.2	789.6	736.1	683.0	634.4
-35°	652.0	667.5	675.7	679.7	675.7	667.5	652.0	629.8	600.7	567.2	536.8
-37.5°	537.8	545.6	549.2	549.7	549.2	545.6	537.8	525.7	508.4	485.8	466.6
-40°	460.4	463.6	464.2	463.8	464.2	463.6	460.4	453.5	442.4	428.3	415.0
-42.5°	404.5	407.3	408.1	407.3	408.1	407.3	404.5	399.3	392.6	384.4	375.6
-45°	361.9	363.7	364.1	363.2	364.1	363.7	361.9	358.9	355.1	349.5	342.0
-47.5°	330.4	330.6	330.0	328.8	330.0	330.6	330.4	329.0	326.1	322.0	316.8
-50°	305.4	305.8	305.5	304.3	305.5	305.8	305.4	304.2	302.2	299.4	295.9
-52.5°	284.6	284.3	284.3	284.6	284.3	284.3	284.6	284.4	283.7	282.1	279.7
-55°	269.9	269.5	268.7	267.5	268.7	269.5	269.9	269.8	269.3	267.6	265.5
-57.5°	255.0	254.7	253.9	252.7	253.9	254.7	255.0	254.7	254.0	252.6	250.8
-60°	237.6	237.4	236.7	235.6	236.7	237.4	237.6	237.3	236.5	235.2	233.4
-62.5°	217.6	217.6	217.0	215.9	217.0	217.6	217.6	217.0	215.9	214.4	212.7
-65°	193.5	193.3	193.7	193.9	193.7	193.3	193.5	193.3	192.6	191.6	190.0
-67.5°	171.5	171.2	170.5	169.3	170.5	171.2	171.5	171.3	170.5	169.1	166.9
-70°	148.7	149.0	148.3	147.2	148.3	149.0	148.7	148.1	147.3	146.1	144.5
-72.5°	125.2	124.6	124.9	125.1	124.9	124.6	125.2	125.4	125.4	124.8	123.5
-75°	103.3	102.7	103.0	103.1	103.0	102.7	103.3	103.7	103.8	103.5	102.5
-77.5°	81.3	80.6	79.7	78.5	79.7	80.6	81.3	81.8	81.9	81.7	80.8
-80°	58.8	58.6	57.6	56.4	57.6	58.6	58.8	58.9	58.9	58.7	58.2
-82.5°	39.5	39.1	39.3	39.3	39.3	39.1	39.5	39.7	39.9	39.9	39.3
-85°	22.5	22.0	22.1	22.1	22.1	22.0	22.5	22.9	23.2	23.5	23.1
-87.5°	7.9	7.4	7.4	7.4	7.4	7.4	7.9	8.5	9.0	9.5	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: P627009 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-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°	9.2	9.1	8.9	8.7	8.5	8.3	8.0	7.8	7.5	7.2	6.9
85°	22.7	22.3	21.7	21.2	20.6	19.9	19.2	18.0	17.0	15.9	14.9
82.5°	38.6	37.8	36.8	35.8	34.8	33.6	32.3	30.6	28.7	26.6	24.5
80°	57.5	56.6	55.4	53.3	51.2	49.1	47.0	45.0	42.8	40.6	38.2
77.5°	79.7	78.4	76.5	73.2	69.8	66.4	63.2	60.4	57.7	54.9	51.9
75°	101.2	99.7	97.5	94.0	89.9	85.3	81.1	77.6	74.0	70.1	66.1
72.5°	121.9	120.0	117.7	114.7	111.3	107.1	102.0	96.5	91.2	86.2	81.4
70°	142.6	140.3	137.9	135.0	131.6	127.6	122.5	116.3	109.2	102.3	97.1
67.5°	164.3	161.3	158.8	156.3	153.2	149.1	143.3	136.9	129.9	121.9	114.6
65°	187.5	184.2	181.0	178.0	174.5	170.7	164.6	157.6	150.0	142.1	133.7
62.5°	210.6	208.3	204.7	200.3	195.8	190.9	185.2	178.3	170.2	161.0	151.8
60°	231.2	228.4	224.3	220.0	215.6	210.1	202.9	196.6	191.1	180.7	169.7
57.5°	249.0	245.7	240.8	236.2	231.9	225.4	218.1	210.9	203.8	196.6	187.2
55°	263.0	259.6	255.1	249.9	244.1	238.1	231.4	223.7	216.2	209.5	200.8
52.5°	276.6	273.2	268.9	263.8	257.6	250.6	243.2	235.6	228.6	221.8	213.9
50°	292.3	288.0	283.2	277.9	271.2	263.7	255.7	247.5	240.2	233.3	225.9
47.5°	311.6	305.4	298.5	292.2	284.8	276.5	268.0	259.8	251.9	243.7	236.2
45°	334.8	326.4	317.3	308.8	299.2	290.2	280.5	271.8	263.4	254.5	245.3
42.5°	364.2	351.5	339.7	328.1	316.2	305.3	294.2	284.1	274.6	265.2	255.3
40°	400.3	383.2	367.6	350.5	335.9	321.7	309.0	296.4	285.7	275.5	264.6
37.5°	444.6	422.3	401.0	378.8	359.2	340.6	324.7	310.2	296.4	285.2	273.7
35°	501.5	470.9	440.3	412.7	386.2	363.3	342.2	324.7	309.0	294.5	282.4
32.5°	578.1	534.8	488.5	452.9	418.1	388.0	362.7	340.6	321.7	305.3	290.8
30°	690.9	619.9	556.2	499.7	455.8	416.9	383.9	358.3	335.9	316.2	299.2
27.5°	852.5	730.4	644.4	561.3	497.1	450.0	410.2	376.5	350.2	328.1	308.6
25°	1081.7	896.4	746.9	638.5	551.2	484.3	437.5	398.5	366.2	339.6	316.2
22.5°	1395.8	1115.2	885.8	721.4	613.6	530.4	467.2	420.2	380.8	349.7	324.2
20°	1857.8	1376.2	1065.6	839.9	683.7	574.6	498.2	442.8	397.3	360.1	331.2
17.5°	2406.2	1738.0	1262.2	961.1	765.8	631.3	534.0	463.6	412.3	369.2	337.0
15°	2990.7	2148.1	1537.0	1122.8	849.6	679.9	563.8	482.1	426.5	379.3	344.0
12.5°	3737.0	2590.1	1778.0	1257.8	932.1	732.7	598.5	505.4	440.5	390.1	351.4
10°	4443.1	3051.2	2071.3	1435.7	1032.4	784.6	629.3	523.4	451.4	398.8	357.4
7.5°	5110.2	3494.5	2325.0	1571.0	1109.8	825.9	652.1	536.4	459.1	404.8	362.0
5°	5599.1	3824.3	2523.4	1675.5	1164.6	855.8	666.9	544.4	463.7	408.3	365.1
2.5°	5971.1	4042.9	2644.1	1736.7	1195.9	873.5	675.8	550.6	468.2	411.2	368.5
0°	6141.9	4127.3	2684.5	1769.2	1214.6	878.5	679.7	554.6	471.1	412.2	370.5
-2.5°	5971.1	4042.9	2644.1	1736.7	1195.9	873.5	675.8	550.6	468.2	411.2	368.5
-5°	5599.1	3824.3	2523.4	1675.5	1164.6	855.8	666.9	544.4	463.7	408.3	365.1
-7.5°	5110.2	3494.5	2325.0	1571.0	1109.8	825.9	652.1	536.4	459.1	404.8	362.0
-10°	4443.1	3051.2	2071.3	1435.7	1032.4	784.6	629.3	523.4	451.4	398.8	357.4
-12.5°	3737.0	2590.1	1778.0	1257.8	932.1	732.7	598.5	505.4	440.5	390.1	351.4
-15°	2990.7	2148.1	1537.0	1122.8	849.6	679.9	563.8	482.1	426.5	379.3	344.0
-17.5°	2406.2	1738.0	1262.2	961.1	765.8	631.3	534.0	463.6	412.3	369.2	337.0
-20°	1857.8	1376.2	1065.6	839.9	683.7	574.6	498.2	442.8	397.3	360.1	331.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627009 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1395.8	1115.2	885.8	721.4	613.6	530.4	467.2	420.2	380.8	349.7	324.2
-25°	1081.7	896.4	746.9	638.5	551.2	484.3	437.5	398.5	366.2	339.6	316.2
-27.5°	852.5	730.4	644.4	561.3	497.1	450.0	410.2	376.5	350.2	328.1	308.6
-30°	690.9	619.9	556.2	499.7	455.8	416.9	383.9	358.3	335.9	316.2	299.2
-32.5°	578.1	534.8	488.5	452.9	418.1	388.0	362.7	340.6	321.7	305.3	290.8
-35°	501.5	470.9	440.3	412.7	386.2	363.3	342.2	324.7	309.0	294.5	282.4
-37.5°	444.6	422.3	401.0	378.8	359.2	340.6	324.7	310.2	296.4	285.2	273.7
-40°	400.3	383.2	367.6	350.5	335.9	321.7	309.0	296.4	285.7	275.5	264.6
-42.5°	364.2	351.5	339.7	328.1	316.2	305.3	294.2	284.1	274.6	265.2	255.3
-45°	334.8	326.4	317.3	308.8	299.2	290.2	280.5	271.8	263.4	254.5	245.3
-47.5°	311.6	305.4	298.5	292.2	284.8	276.5	268.0	259.8	251.9	243.7	236.2
-50°	292.3	288.0	283.2	277.9	271.2	263.7	255.7	247.5	240.2	233.3	225.9
-52.5°	276.6	273.2	268.9	263.8	257.6	250.6	243.2	235.6	228.6	221.8	213.9
-55°	263.0	259.6	255.1	249.9	244.1	238.1	231.4	223.7	216.2	209.5	200.8
-57.5°	249.0	245.7	240.8	236.2	231.9	225.4	218.1	210.9	203.8	196.6	187.2
-60°	231.2	228.4	224.3	220.0	215.6	210.1	202.9	196.6	191.1	180.7	169.7
-62.5°	210.6	208.3	204.7	200.3	195.8	190.9	185.2	178.3	170.2	161.0	151.8
-65°	187.5	184.2	181.0	178.0	174.5	170.7	164.6	157.6	150.0	142.1	133.7
-67.5°	164.3	161.3	158.8	156.3	153.2	149.1	143.3	136.9	129.9	121.9	114.6
-70°	142.6	140.3	137.9	135.0	131.6	127.6	122.5	116.3	109.2	102.3	97.1
-72.5°	121.9	120.0	117.7	114.7	111.3	107.1	102.0	96.5	91.2	86.2	81.4
-75°	101.2	99.7	97.5	94.0	89.9	85.3	81.1	77.6	74.0	70.1	66.1
-77.5°	79.7	78.4	76.5	73.2	69.8	66.4	63.2	60.4	57.7	54.9	51.9
-80°	57.5	56.6	55.4	53.3	51.2	49.1	47.0	45.0	42.8	40.6	38.2
-82.5°	38.6	37.8	36.8	35.8	34.8	33.6	32.3	30.6	28.7	26.6	24.5
-85°	22.7	22.3	21.7	21.2	20.6	19.9	19.2	18.0	17.0	15.9	14.9
-87.5°	9.2	9.1	8.9	8.7	8.5	8.3	8.0	7.8	7.5	7.2	6.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627009 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-722-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°	6.6	6.3	6.0	5.6	5.3	4.9	4.5	4.1	3.7	3.4	2.9
85°	14.3	13.6	12.9	11.9	10.9	9.8	9.0	8.3	7.5	6.7	5.9
82.5°	23.2	22.3	21.5	20.3	18.7	17.1	15.4	13.7	11.9	10.1	8.8
80°	35.9	33.7	31.6	29.4	26.9	24.4	22.1	19.8	17.5	15.1	12.7
77.5°	48.8	45.6	42.3	39.2	36.0	32.8	29.6	26.2	23.0	20.1	17.0
75°	61.9	58.0	54.0	49.8	45.6	41.3	37.3	33.3	29.2	25.0	21.3
72.5°	76.5	71.4	66.1	60.8	55.8	50.7	45.5	40.3	35.6	30.7	25.8
70°	91.7	85.4	79.1	73.1	66.8	60.1	54.1	48.1	41.9	36.3	30.7
67.5°	107.7	101.2	93.8	85.8	78.6	71.1	63.0	55.9	48.9	41.9	35.6
65°	125.2	117.1	109.4	100.2	91.1	82.4	73.6	64.1	55.9	48.1	40.3
62.5°	142.3	132.6	123.3	113.8	103.9	93.9	84.0	73.3	63.0	54.1	45.5
60°	159.2	148.5	137.0	126.2	115.8	105.2	94.0	82.3	70.9	60.1	50.7
57.5°	175.3	164.0	151.0	138.4	126.7	115.6	103.6	90.9	78.6	66.6	55.8
55°	190.2	177.7	164.2	150.4	137.3	125.2	112.7	99.3	86.0	73.1	60.6
52.5°	204.0	190.8	176.5	161.9	147.6	134.4	121.2	107.2	93.1	79.4	65.9
50°	216.8	203.9	188.6	173.0	157.4	143.4	129.6	114.9	99.9	85.3	71.1
47.5°	227.9	215.7	200.9	184.0	167.3	152.3	137.8	122.5	106.3	91.0	76.1
45°	237.0	226.6	212.4	195.3	177.4	161.5	145.8	129.8	112.9	96.5	80.8
42.5°	245.4	235.7	222.9	206.4	187.9	170.6	153.7	137.0	119.4	101.7	85.4
40°	254.0	243.7	232.7	216.1	197.6	179.3	161.6	143.9	125.6	106.9	89.8
37.5°	262.0	251.3	240.1	225.1	206.4	187.5	169.2	150.6	131.4	112.0	93.9
35°	270.1	258.2	246.6	232.1	214.1	195.0	176.4	157.1	136.8	116.8	97.8
32.5°	277.9	264.6	252.0	237.9	221.1	201.8	182.9	162.7	141.9	121.2	101.5
30°	285.0	270.5	257.3	243.4	227.0	207.6	188.3	167.8	146.6	125.2	104.9
27.5°	290.7	275.5	262.3	248.2	231.7	212.9	193.1	172.4	151.0	128.9	108.2
25°	296.4	280.0	266.3	252.5	236.2	218.3	197.6	176.5	154.8	132.5	111.1
22.5°	302.6	284.3	269.4	256.7	240.8	223.4	201.8	180.0	158.2	135.6	113.7
20°	308.2	288.0	271.7	259.9	244.4	227.2	205.8	183.2	161.0	138.4	116.0
17.5°	313.0	291.9	274.8	261.8	247.2	230.5	209.5	186.1	163.4	140.8	117.9
15°	318.1	296.0	277.5	263.4	249.5	233.3	212.9	188.5	165.4	142.9	119.7
12.5°	322.7	299.3	279.7	264.6	251.3	235.5	215.9	190.5	166.9	144.6	121.2
10°	326.5	301.9	281.3	265.5	252.5	237.2	218.4	192.5	168.6	146.0	122.6
7.5°	329.4	303.7	282.4	265.9	253.4	238.6	220.6	194.8	169.9	146.9	123.7
5°	331.5	305.1	284.0	267.4	254.4	239.6	222.1	196.6	170.9	147.4	124.4
2.5°	333.2	306.3	285.9	268.8	255.0	240.3	223.0	197.9	171.6	147.5	124.9
0°	333.7	306.7	287.1	269.9	255.2	240.5	223.3	198.8	171.8	147.2	125.1
-2.5°	333.2	306.3	285.9	268.8	255.0	240.3	223.0	197.9	171.6	147.5	124.9
-5°	331.5	305.1	284.0	267.4	254.4	239.6	222.1	196.6	170.9	147.4	124.4
-7.5°	329.4	303.7	282.4	265.9	253.4	238.6	220.6	194.8	169.9	146.9	123.7
-10°	326.5	301.9	281.3	265.5	252.5	237.2	218.4	192.5	168.6	146.0	122.6
-12.5°	322.7	299.3	279.7	264.6	251.3	235.5	215.9	190.5	166.9	144.6	121.2
-15°	318.1	296.0	277.5	263.4	249.5	233.3	212.9	188.5	165.4	142.9	119.7
-17.5°	313.0	291.9	274.8	261.8	247.2	230.5	209.5	186.1	163.4	140.8	117.9
-20°	308.2	288.0	271.7	259.9	244.4	227.2	205.8	183.2	161.0	138.4	116.0



REPORT NUMBER: P627009 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-722-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°	302.6	284.3	269.4	256.7	240.8	223.4	201.8	180.0	158.2	135.6	113.7
-25°	296.4	280.0	266.3	252.5	236.2	218.3	197.6	176.5	154.8	132.5	111.1
-27.5°	290.7	275.5	262.3	248.2	231.7	212.9	193.1	172.4	151.0	128.9	108.2
-30°	285.0	270.5	257.3	243.4	227.0	207.6	188.3	167.8	146.6	125.2	104.9
-32.5°	277.9	264.6	252.0	237.9	221.1	201.8	182.9	162.7	141.9	121.2	101.5
-35°	270.1	258.2	246.6	232.1	214.1	195.0	176.4	157.1	136.8	116.8	97.8
-37.5°	262.0	251.3	240.1	225.1	206.4	187.5	169.2	150.6	131.4	112.0	93.9
-40°	254.0	243.7	232.7	216.1	197.6	179.3	161.6	143.9	125.6	106.9	89.8
-42.5°	245.4	235.7	222.9	206.4	187.9	170.6	153.7	137.0	119.4	101.7	85.4
-45°	237.0	226.6	212.4	195.3	177.4	161.5	145.8	129.8	112.9	96.5	80.8
-47.5°	227.9	215.7	200.9	184.0	167.3	152.3	137.8	122.5	106.3	91.0	76.1
-50°	216.8	203.9	188.6	173.0	157.4	143.4	129.6	114.9	99.9	85.3	71.1
-52.5°	204.0	190.8	176.5	161.9	147.6	134.4	121.2	107.2	93.1	79.4	65.9
-55°	190.2	177.7	164.2	150.4	137.3	125.2	112.7	99.3	86.0	73.1	60.6
-57.5°	175.3	164.0	151.0	138.4	126.7	115.6	103.6	90.9	78.6	66.6	55.8
-60°	159.2	148.5	137.0	126.2	115.8	105.2	94.0	82.3	70.9	60.1	50.7
-62.5°	142.3	132.6	123.3	113.8	103.9	93.9	84.0	73.3	63.0	54.1	45.5
-65°	125.2	117.1	109.4	100.2	91.1	82.4	73.6	64.1	55.9	48.1	40.3
-67.5°	107.7	101.2	93.8	85.8	78.6	71.1	63.0	55.9	48.9	41.9	35.6
-70°	91.7	85.4	79.1	73.1	66.8	60.1	54.1	48.1	41.9	36.3	30.7
-72.5°	76.5	71.4	66.1	60.8	55.8	50.7	45.5	40.3	35.6	30.7	25.8
-75°	61.9	58.0	54.0	49.8	45.6	41.3	37.3	33.3	29.2	25.0	21.3
-77.5°	48.8	45.6	42.3	39.2	36.0	32.8	29.6	26.2	23.0	20.1	17.0
-80°	35.9	33.7	31.6	29.4	26.9	24.4	22.1	19.8	17.5	15.1	12.7
-82.5°	23.2	22.3	21.5	20.3	18.7	17.1	15.4	13.7	11.9	10.1	8.8
-85°	14.3	13.6	12.9	11.9	10.9	9.8	9.0	8.3	7.5	6.7	5.9
-87.5°	6.6	6.3	6.0	5.6	5.3	4.9	4.5	4.1	3.7	3.4	2.9
-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: P627009 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-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°	2.5	2.1	1.7	1.3	0.9	0.4	0.0
85°	5.1	4.2	3.4	2.6	1.7	0.7	0.0
82.5°	7.6	6.3	5.1	3.8	2.5	1.1	0.0
80°	10.2	8.4	6.8	5.1	3.4	1.5	0.0
77.5°	14.0	10.8	8.4	6.3	4.2	1.9	0.0
75°	17.6	13.8	10.2	7.6	5.0	2.2	0.0
72.5°	21.2	16.7	12.4	8.8	5.8	2.6	0.0
70°	24.8	19.5	14.6	10.1	6.6	2.9	0.0
67.5°	28.9	22.3	16.8	11.7	7.4	3.3	0.0
65°	33.0	25.3	18.9	13.2	8.1	3.6	0.0
62.5°	36.9	28.6	20.9	14.7	8.8	3.9	0.0
60°	40.8	31.9	22.9	16.1	9.5	4.2	0.0
57.5°	45.0	35.0	25.4	17.5	10.4	4.5	0.0
55°	49.2	38.0	27.8	18.8	11.2	4.8	0.0
52.5°	53.3	41.1	30.2	20.1	12.1	5.1	0.0
50°	57.2	44.3	32.4	21.3	12.9	5.3	0.0
47.5°	61.0	47.4	34.6	22.6	13.7	5.6	0.0
45°	65.1	50.5	36.7	24.2	14.5	5.8	0.0
42.5°	69.0	53.3	38.7	25.7	15.2	6.1	0.0
40°	72.7	56.1	40.8	27.2	15.9	6.3	0.0
37.5°	76.3	58.7	42.9	28.6	16.6	6.4	0.0
35°	79.6	61.3	44.8	29.9	17.3	6.6	0.0
32.5°	82.7	63.9	46.6	31.2	17.9	6.8	0.0
30°	85.6	66.3	48.3	32.4	18.5	6.9	0.0
27.5°	88.3	68.5	50.0	33.4	19.0	7.1	0.0
25°	90.8	70.6	51.5	34.4	19.5	7.2	0.0
22.5°	93.0	72.4	52.9	35.4	20.0	7.3	0.0
20°	95.0	74.0	54.1	36.2	20.4	7.3	0.0
17.5°	96.6	75.4	55.2	36.9	20.8	7.4	0.0
15°	98.0	76.5	56.2	37.5	21.1	7.4	0.0
12.5°	99.0	77.3	57.0	38.1	21.4	7.5	0.0
10°	99.9	78.0	57.7	38.5	21.7	7.5	0.0
7.5°	100.4	78.4	58.2	38.9	21.9	7.5	0.0
5°	100.8	78.7	58.6	39.1	22.0	7.5	0.0
2.5°	100.8	78.7	58.8	39.3	22.1	7.4	0.0
0°	100.6	78.5	58.9	39.3	22.1	7.4	0.0
-2.5°	100.8	78.7	58.8	39.3	22.1	7.4	0.0
-5°	100.8	78.7	58.6	39.1	22.0	7.5	0.0
-7.5°	100.4	78.4	58.2	38.9	21.9	7.5	0.0
-10°	99.9	78.0	57.7	38.5	21.7	7.5	0.0
-12.5°	99.0	77.3	57.0	38.1	21.4	7.5	0.0
-15°	98.0	76.5	56.2	37.5	21.1	7.4	0.0
-17.5°	96.6	75.4	55.2	36.9	20.8	7.4	0.0
-20°	95.0	74.0	54.1	36.2	20.4	7.3	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627009 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	93.0	72.4	52.9	35.4	20.0	7.3	0.0
-25°	90.8	70.6	51.5	34.4	19.5	7.2	0.0
-27.5°	88.3	68.5	50.0	33.4	19.0	7.1	0.0
-30°	85.6	66.3	48.3	32.4	18.5	6.9	0.0
-32.5°	82.7	63.9	46.6	31.2	17.9	6.8	0.0
-35°	79.6	61.3	44.8	29.9	17.3	6.6	0.0
-37.5°	76.3	58.7	42.9	28.6	16.6	6.4	0.0
-40°	72.7	56.1	40.8	27.2	15.9	6.3	0.0
-42.5°	69.0	53.3	38.7	25.7	15.2	6.1	0.0
-45°	65.1	50.5	36.7	24.2	14.5	5.8	0.0
-47.5°	61.0	47.4	34.6	22.6	13.7	5.6	0.0
-50°	57.2	44.3	32.4	21.3	12.9	5.3	0.0
-52.5°	53.3	41.1	30.2	20.1	12.1	5.1	0.0
-55°	49.2	38.0	27.8	18.8	11.2	4.8	0.0
-57.5°	45.0	35.0	25.4	17.5	10.4	4.5	0.0
-60°	40.8	31.9	22.9	16.1	9.5	4.2	0.0
-62.5°	36.9	28.6	20.9	14.7	8.8	3.9	0.0
-65°	33.0	25.3	18.9	13.2	8.1	3.6	0.0
-67.5°	28.9	22.3	16.8	11.7	7.4	3.3	0.0
-70°	24.8	19.5	14.6	10.1	6.6	2.9	0.0
-72.5°	21.2	16.7	12.4	8.8	5.8	2.6	0.0
-75°	17.6	13.8	10.2	7.6	5.0	2.2	0.0
-77.5°	14.0	10.8	8.4	6.3	4.2	1.9	0.0
-80°	10.2	8.4	6.8	5.1	3.4	1.5	0.0
-82.5°	7.6	6.3	5.1	3.8	2.5	1.1	0.0
-85°	5.1	4.2	3.4	2.6	1.7	0.7	0.0
-87.5°	2.5	2.1	1.7	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)