

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: P626583 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-750-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626583 (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: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1A-750-U-WR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N31
Light Source: (16) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

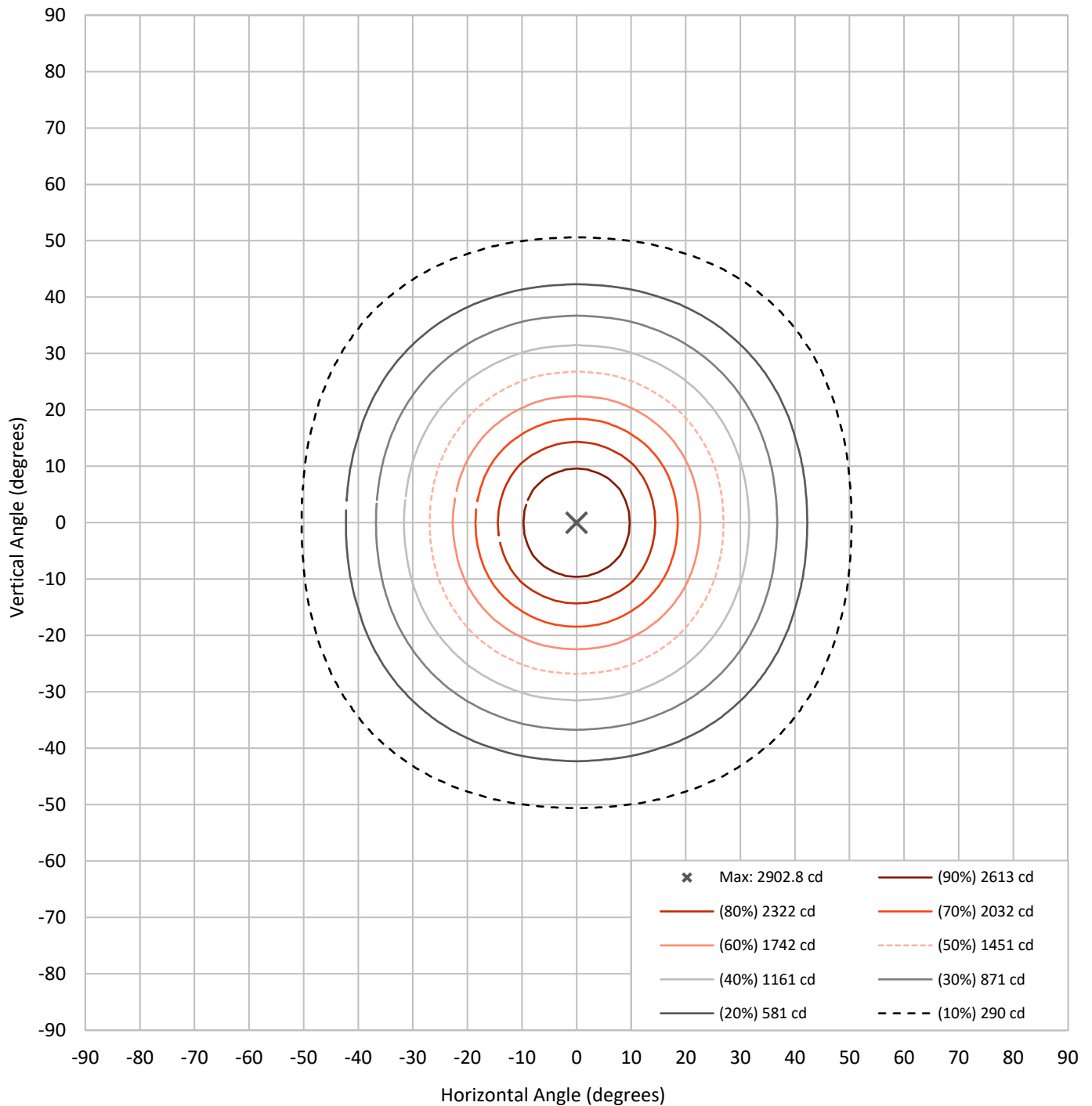
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	2954.4 lumens	Max Intensity:	2902.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	163.2 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' 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:	1412.6 lumens	Field Lumens:	2607.3 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	18.1		
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: P626583 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1A-750-U-WR-XX

Iso-Candela Plot





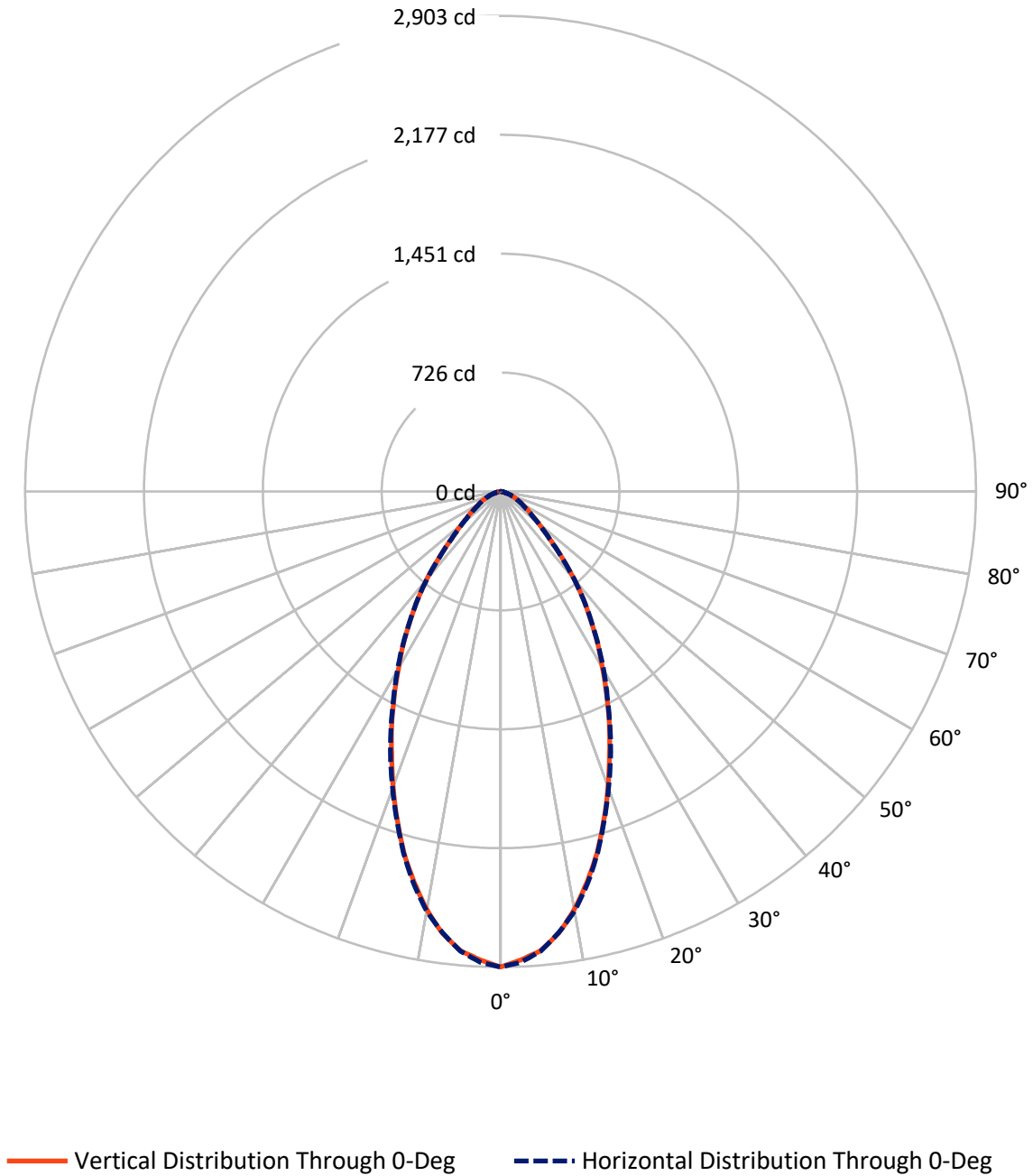
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Lumen Table

90																			
80	0.1	0.8		1.9		3.1		2.6		3.1		1.9		0.8		0.1			
70																			
60	0.4	0.4	0.8	1.4	2.0	2.6	3.0	3.2	3.2	3.0	2.6	2.0	1.4	0.8	0.4	0.4			
50		0.6	1.3	2.2	3.4	4.7	5.8	6.5	6.5	5.8	4.7	3.4	2.2	1.3	0.6				
40	0.6	0.8	1.8	3.3	5.6	8.6	11.8	14.0	14.0	11.8	8.6	5.6	3.3	1.8	0.8	0.6			
30		1.0	2.3	4.8	9.4	16.6	24.2	28.7	28.7	24.2	16.6	9.4	4.8	2.3	1.0				
20	0.7	1.2	2.9	6.7	15.1	27.2	38.9	46.5	46.5	38.9	27.2	15.1	6.7	2.9	1.2	0.7			
10		1.3	3.4	8.7	20.7	36.7	54.2	66.7	66.7	54.2	36.7	20.7	8.7	3.4	1.3				
0	0.7	1.3	3.7	10.0	23.8	42.7	65.0	81.7	81.7	65.0	42.7	23.8	10.0	3.7	1.3	0.7			
-10		1.3	3.7	10.0	23.8	42.7	65.0	81.7	81.7	65.0	42.7	23.8	10.0	3.7	1.3				
-20	0.7	1.3	3.4	8.7	20.7	36.7	54.2	66.7	66.7	54.2	36.7	20.7	8.7	3.4	1.3	0.7			
-30		1.2	2.9	6.7	15.1	27.2	38.9	46.5	46.5	38.9	27.2	15.1	6.7	2.9	1.2				
-40	0.6	1.0	2.3	4.8	9.4	16.6	24.2	28.7	28.7	24.2	16.6	9.4	4.8	2.3	1.0	0.6			
-50		0.8	1.8	3.3	5.6	8.6	11.8	14.0	14.0	11.8	8.6	5.6	3.3	1.8	0.8				
-60	0.4	0.6	1.3	2.2	3.4	4.7	5.8	6.5	6.5	5.8	4.7	3.4	2.2	1.3	0.6	0.4			
-70		0.4	0.8	1.4	2.0	2.6	3.0	3.2	3.2	3.0	2.6	2.0	1.4	0.8	0.4				
-80																			
-90	0.1	0.8		1.9		3.1		2.6		3.1		1.9		0.8		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

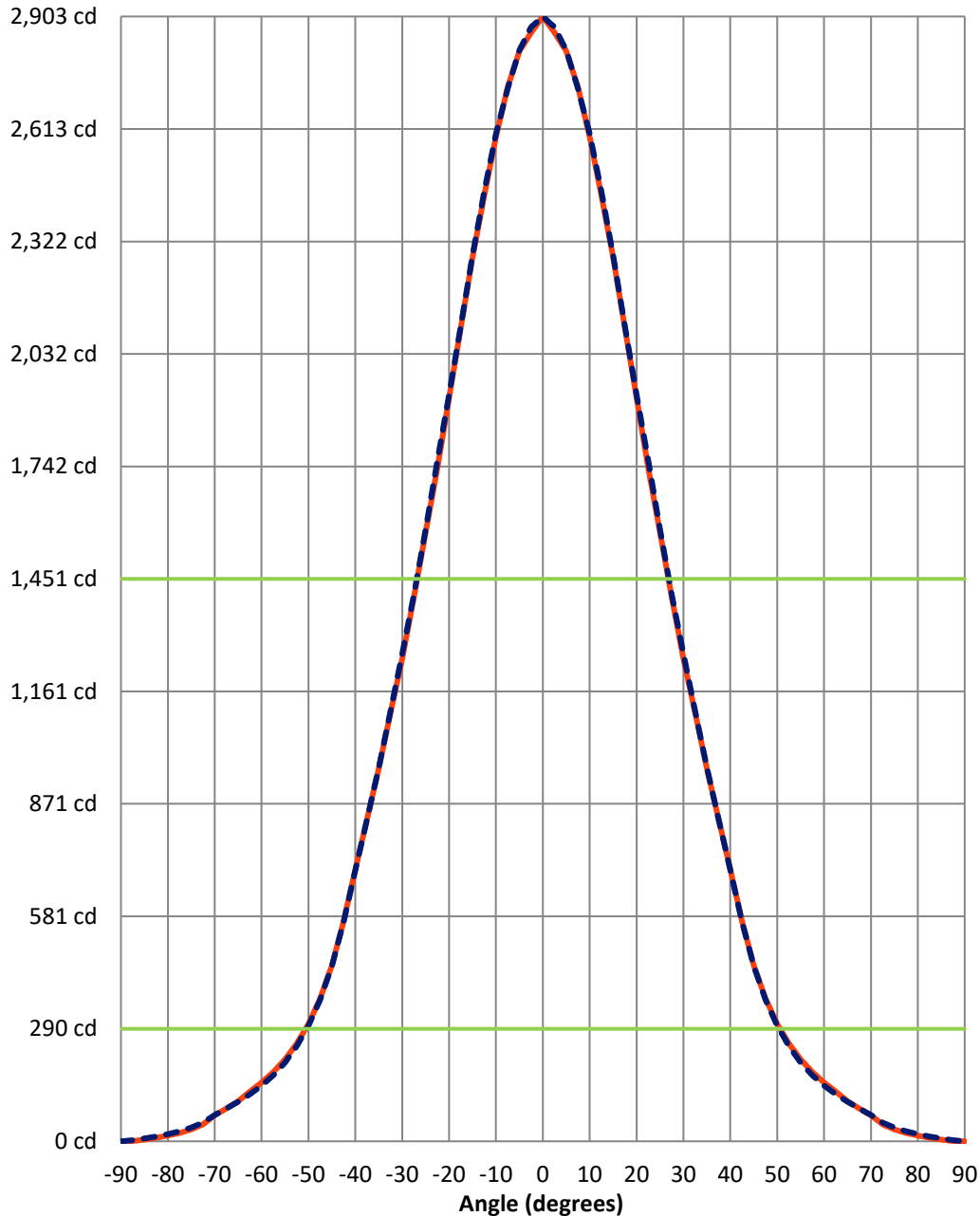
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 53.8°
V Angle: 53.6°
Lumens: 1412.6
Efficiency: 47.8%

Field:
H Angle: 100.8°
V Angle: 101.2°
Lumens: 2607.3
Efficiency: 88.3%

Spill:
Lumens: 347
Efficiency: 11.7%

- Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-Deg

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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	0.1	0.3	0.6	0.8	1.1	1.4	1.5	1.6	1.7	1.8
85°	0.0	0.3	0.7	1.1	1.6	2.1	2.7	3.0	3.3	3.5	3.6
82.5°	0.0	0.4	1.0	1.7	2.4	3.2	4.1	4.6	5.0	5.8	6.6
80°	0.0	0.6	1.3	2.2	3.2	4.2	5.6	6.9	8.1	9.2	10.1
77.5°	0.0	0.7	1.7	2.7	3.9	5.5	8.0	9.7	11.2	12.5	13.8
75°	0.0	0.9	2.0	3.3	4.8	7.2	10.3	12.5	14.3	16.1	18.0
72.5°	0.0	1.0	2.3	3.8	5.9	8.9	12.6	15.3	17.4	19.7	22.1
70°	0.0	1.2	2.6	4.3	7.0	10.5	14.7	17.8	20.4	23.2	26.4
67.5°	0.0	1.3	2.9	5.0	8.1	12.0	16.6	20.4	23.4	26.8	30.7
65°	0.0	1.4	3.2	5.6	9.1	13.4	18.3	22.8	26.3	30.3	34.8
62.5°	0.0	1.5	3.5	6.2	10.0	14.7	20.0	25.2	29.1	33.7	38.5
60°	0.0	1.7	3.8	6.8	10.9	15.9	21.5	27.4	31.8	36.9	42.2
57.5°	0.0	1.8	4.1	7.4	11.7	17.0	22.9	29.4	34.5	40.0	45.5
55°	0.0	1.9	4.4	7.8	12.5	18.0	24.2	31.0	37.2	43.0	48.8
52.5°	0.0	2.0	4.7	8.3	13.2	19.0	25.4	32.7	39.7	45.9	51.9
50°	0.0	2.1	5.0	8.7	13.9	19.8	26.5	34.3	42.2	48.7	55.4
47.5°	0.0	2.2	5.3	9.1	14.4	20.6	27.5	35.8	44.6	51.5	58.8
45°	0.0	2.3	5.5	9.5	14.9	21.3	28.6	37.1	46.4	54.4	62.1
42.5°	0.0	2.4	5.8	9.8	15.4	21.9	29.6	38.4	48.0	57.3	65.5
40°	0.0	2.5	6.0	10.2	15.8	22.4	30.5	39.7	49.6	59.9	68.8
37.5°	0.0	2.5	6.2	10.5	16.1	22.8	31.2	40.9	51.3	62.0	71.9
35°	0.0	2.6	6.4	10.9	16.4	23.3	31.9	41.9	53.0	64.3	75.1
32.5°	0.0	2.7	6.6	11.2	16.6	23.7	32.5	42.8	54.5	66.6	78.4
30°	0.0	2.7	6.8	11.4	16.8	24.1	33.1	43.7	56.0	69.0	81.4
27.5°	0.0	2.8	6.9	11.7	17.1	24.3	33.6	44.8	57.6	71.3	84.3
25°	0.0	2.8	7.0	11.9	17.4	24.4	34.0	45.7	59.3	73.6	87.0
22.5°	0.0	2.9	7.2	12.1	17.7	24.6	34.3	46.6	61.0	75.7	89.9
20°	0.0	2.9	7.3	12.2	18.0	25.1	34.5	47.3	62.5	77.6	92.6
17.5°	0.0	2.9	7.3	12.4	18.2	25.5	34.9	47.9	64.0	79.3	94.9
15°	0.0	2.9	7.4	12.4	18.4	25.8	35.4	48.4	65.3	80.7	96.9
12.5°	0.0	2.9	7.4	12.5	18.5	26.0	35.7	48.9	66.4	81.9	98.6
10°	0.0	2.9	7.5	12.5	18.6	26.1	35.9	49.2	67.2	82.9	99.9
7.5°	0.0	2.9	7.5	12.5	18.7	26.2	36.0	49.2	67.8	83.7	101.0
5°	0.0	2.9	7.5	12.5	18.7	26.2	35.9	49.1	68.1	84.3	101.7
2.5°	0.0	2.9	7.4	12.4	18.6	26.1	35.8	48.7	68.2	84.5	102.0
0°	0.0	2.9	7.4	12.3	18.5	25.9	35.5	48.2	67.9	84.5	102.0
-2.5°	0.0	2.9	7.4	12.4	18.6	26.1	35.8	48.7	68.2	84.5	102.0
-5°	0.0	2.9	7.5	12.5	18.7	26.2	35.9	49.1	68.1	84.3	101.7
-7.5°	0.0	2.9	7.5	12.5	18.7	26.2	36.0	49.2	67.8	83.7	101.0
-10°	0.0	2.9	7.5	12.5	18.6	26.1	35.9	49.2	67.2	82.9	99.9
-12.5°	0.0	2.9	7.4	12.5	18.5	26.0	35.7	48.9	66.4	81.9	98.6
-15°	0.0	2.9	7.4	12.4	18.4	25.8	35.4	48.4	65.3	80.7	96.9
-17.5°	0.0	2.9	7.3	12.4	18.2	25.5	34.9	47.9	64.0	79.3	94.9
-20°	0.0	2.9	7.3	12.2	18.0	25.1	34.5	47.3	62.5	77.6	92.6

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA1A-750-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	2.9	7.2	12.1	17.7	24.6	34.3	46.6	61.0	75.7	89.9
-25°	0.0	2.8	7.0	11.9	17.4	24.4	34.0	45.7	59.3	73.6	87.0
-27.5°	0.0	2.8	6.9	11.7	17.1	24.3	33.6	44.8	57.6	71.3	84.3
-30°	0.0	2.7	6.8	11.4	16.8	24.1	33.1	43.7	56.0	69.0	81.4
-32.5°	0.0	2.7	6.6	11.2	16.6	23.7	32.5	42.8	54.5	66.6	78.4
-35°	0.0	2.6	6.4	10.9	16.4	23.3	31.9	41.9	53.0	64.3	75.1
-37.5°	0.0	2.5	6.2	10.5	16.1	22.8	31.2	40.9	51.3	62.0	71.9
-40°	0.0	2.5	6.0	10.2	15.8	22.4	30.5	39.7	49.6	59.9	68.8
-42.5°	0.0	2.4	5.8	9.8	15.4	21.9	29.6	38.4	48.0	57.3	65.5
-45°	0.0	2.3	5.5	9.5	14.9	21.3	28.6	37.1	46.4	54.4	62.1
-47.5°	0.0	2.2	5.3	9.1	14.4	20.6	27.5	35.8	44.6	51.5	58.8
-50°	0.0	2.1	5.0	8.7	13.9	19.8	26.5	34.3	42.2	48.7	55.4
-52.5°	0.0	2.0	4.7	8.3	13.2	19.0	25.4	32.7	39.7	45.9	51.9
-55°	0.0	1.9	4.4	7.8	12.5	18.0	24.2	31.0	37.2	43.0	48.8
-57.5°	0.0	1.8	4.1	7.4	11.7	17.0	22.9	29.4	34.5	40.0	45.5
-60°	0.0	1.7	3.8	6.8	10.9	15.9	21.5	27.4	31.8	36.9	42.2
-62.5°	0.0	1.5	3.5	6.2	10.0	14.7	20.0	25.2	29.1	33.7	38.5
-65°	0.0	1.4	3.2	5.6	9.1	13.4	18.3	22.8	26.3	30.3	34.8
-67.5°	0.0	1.3	2.9	5.0	8.1	12.0	16.6	20.4	23.4	26.8	30.7
-70°	0.0	1.2	2.6	4.3	7.0	10.5	14.7	17.8	20.4	23.2	26.4
-72.5°	0.0	1.0	2.3	3.8	5.9	8.9	12.6	15.3	17.4	19.7	22.1
-75°	0.0	0.9	2.0	3.3	4.8	7.2	10.3	12.5	14.3	16.1	18.0
-77.5°	0.0	0.7	1.7	2.7	3.9	5.5	8.0	9.7	11.2	12.5	13.8
-80°	0.0	0.6	1.3	2.2	3.2	4.2	5.6	6.9	8.1	9.2	10.1
-82.5°	0.0	0.4	1.0	1.7	2.4	3.2	4.1	4.6	5.0	5.8	6.6
-85°	0.0	0.3	0.7	1.1	1.6	2.1	2.7	3.0	3.3	3.5	3.6
-87.5°	0.0	0.1	0.3	0.6	0.8	1.1	1.4	1.5	1.6	1.7	1.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	1.8	1.9	1.8	1.8	1.7	1.6	1.4	1.3	1.3	1.4	1.4
85°	3.7	3.7	4.0	4.3	4.4	4.4	4.3	4.1	4.7	5.3	5.9
82.5°	7.2	7.9	8.5	9.0	9.1	8.9	8.7	8.3	9.4	10.7	12.1
80°	11.1	12.0	13.1	14.1	14.3	14.2	13.9	13.4	14.9	16.9	19.1
77.5°	15.4	16.8	18.2	19.4	19.8	19.8	19.6	19.2	21.0	23.8	26.7
75°	19.9	21.7	23.4	25.0	25.7	25.7	25.6	26.1	28.5	31.8	34.7
72.5°	24.6	26.9	28.9	30.6	31.7	32.5	33.5	34.8	37.3	40.5	43.4
70°	29.6	32.2	34.2	36.1	37.7	39.5	41.8	44.0	46.6	49.8	52.8
67.5°	34.6	37.1	39.4	41.7	44.7	47.5	50.4	53.3	56.6	60.0	63.0
65°	39.1	42.0	44.8	48.2	52.1	55.3	58.8	62.6	66.9	70.7	74.2
62.5°	43.5	46.7	50.3	54.3	58.5	62.6	67.2	72.2	77.2	82.0	86.7
60°	47.1	51.2	55.5	60.1	65.0	70.4	75.9	81.8	87.7	93.5	99.4
57.5°	50.7	55.7	60.7	66.1	72.1	78.3	84.9	91.5	98.6	105.7	112.4
55°	54.4	60.3	66.0	72.3	79.2	86.6	94.0	102.0	109.9	118.7	126.9
52.5°	58.4	64.8	71.4	78.7	86.7	95.0	103.8	112.9	122.7	132.5	142.5
50°	62.2	69.4	76.9	85.6	94.5	104.0	114.1	124.8	136.1	147.5	159.6
47.5°	66.2	73.9	83.0	92.5	102.7	113.5	124.9	137.6	150.3	164.6	178.4
45°	70.2	79.1	88.9	99.9	111.2	123.4	136.9	150.8	167.0	183.2	201.4
42.5°	74.0	84.2	95.4	107.1	119.9	133.9	148.9	166.4	184.6	204.7	226.0
40°	78.4	89.2	101.7	114.8	128.8	144.7	162.7	182.2	204.4	228.2	252.4
37.5°	82.6	94.7	107.9	122.2	138.3	156.3	176.2	200.1	225.8	252.7	285.7
35°	86.6	100.0	114.4	130.0	147.5	168.3	192.2	218.5	248.1	282.8	321.3
32.5°	90.8	105.0	120.5	137.9	157.7	180.5	207.6	238.7	273.6	313.2	361.3
30°	95.1	110.2	126.5	145.4	167.4	193.8	224.6	258.9	299.1	348.8	405.3
27.5°	99.0	115.0	132.9	153.3	176.9	206.1	240.9	281.1	328.5	384.6	450.7
25°	102.6	119.4	138.7	160.9	187.3	219.3	257.1	301.6	357.8	424.8	506.1
22.5°	106.1	123.5	144.1	167.6	196.7	232.2	274.6	325.6	387.7	462.9	560.3
20°	109.3	127.8	149.3	174.1	205.1	243.7	290.8	347.9	418.7	507.7	613.5
17.5°	112.2	131.6	154.3	181.1	214.4	255.5	306.0	367.7	446.3	547.7	662.7
15°	114.6	134.9	158.6	187.2	222.8	267.1	321.9	389.4	475.0	584.0	705.8
12.5°	116.7	137.7	162.2	192.3	229.9	277.0	335.6	408.7	503.0	618.3	743.7
10°	118.3	139.9	165.1	196.5	235.6	285.0	346.8	424.5	526.3	647.6	775.7
7.5°	119.7	141.6	167.4	199.6	239.9	291.1	355.5	436.6	544.5	670.9	800.3
5°	120.6	142.8	169.1	201.8	243.1	295.4	361.6	445.2	557.4	687.7	817.1
2.5°	121.1	143.5	170.1	202.9	245.0	297.8	364.9	450.5	564.5	697.3	827.2
0°	121.2	143.6	170.3	203.1	245.6	298.3	365.4	452.2	566.0	699.8	830.9
-2.5°	121.1	143.5	170.1	202.9	245.0	297.8	364.9	450.5	564.5	697.3	827.2
-5°	120.6	142.8	169.1	201.8	243.1	295.4	361.6	445.2	557.4	687.7	817.1
-7.5°	119.7	141.6	167.4	199.6	239.9	291.1	355.5	436.6	544.5	670.9	800.3
-10°	118.3	139.9	165.1	196.5	235.6	285.0	346.8	424.5	526.3	647.6	775.7
-12.5°	116.7	137.7	162.2	192.3	229.9	277.0	335.6	408.7	503.0	618.3	743.7
-15°	114.6	134.9	158.6	187.2	222.8	267.1	321.9	389.4	475.0	584.0	705.8
-17.5°	112.2	131.6	154.3	181.1	214.4	255.5	306.0	367.7	446.3	547.7	662.7
-20°	109.3	127.8	149.3	174.1	205.1	243.7	290.8	347.9	418.7	507.7	613.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626583 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-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°	106.1	123.5	144.1	167.6	196.7	232.2	274.6	325.6	387.7	462.9	560.3
-25°	102.6	119.4	138.7	160.9	187.3	219.3	257.1	301.6	357.8	424.8	506.1
-27.5°	99.0	115.0	132.9	153.3	176.9	206.1	240.9	281.1	328.5	384.6	450.7
-30°	95.1	110.2	126.5	145.4	167.4	193.8	224.6	258.9	299.1	348.8	405.3
-32.5°	90.8	105.0	120.5	137.9	157.7	180.5	207.6	238.7	273.6	313.2	361.3
-35°	86.6	100.0	114.4	130.0	147.5	168.3	192.2	218.5	248.1	282.8	321.3
-37.5°	82.6	94.7	107.9	122.2	138.3	156.3	176.2	200.1	225.8	252.7	285.7
-40°	78.4	89.2	101.7	114.8	128.8	144.7	162.7	182.2	204.4	228.2	252.4
-42.5°	74.0	84.2	95.4	107.1	119.9	133.9	148.9	166.4	184.6	204.7	226.0
-45°	70.2	79.1	88.9	99.9	111.2	123.4	136.9	150.8	167.0	183.2	201.4
-47.5°	66.2	73.9	83.0	92.5	102.7	113.5	124.9	137.6	150.3	164.6	178.4
-50°	62.2	69.4	76.9	85.6	94.5	104.0	114.1	124.8	136.1	147.5	159.6
-52.5°	58.4	64.8	71.4	78.7	86.7	95.0	103.8	112.9	122.7	132.5	142.5
-55°	54.4	60.3	66.0	72.3	79.2	86.6	94.0	102.0	109.9	118.7	126.9
-57.5°	50.7	55.7	60.7	66.1	72.1	78.3	84.9	91.5	98.6	105.7	112.4
-60°	47.1	51.2	55.5	60.1	65.0	70.4	75.9	81.8	87.7	93.5	99.4
-62.5°	43.5	46.7	50.3	54.3	58.5	62.6	67.2	72.2	77.2	82.0	86.7
-65°	39.1	42.0	44.8	48.2	52.1	55.3	58.8	62.6	66.9	70.7	74.2
-67.5°	34.6	37.1	39.4	41.7	44.7	47.5	50.4	53.3	56.6	60.0	63.0
-70°	29.6	32.2	34.2	36.1	37.7	39.5	41.8	44.0	46.6	49.8	52.8
-72.5°	24.6	26.9	28.9	30.6	31.7	32.5	33.5	34.8	37.3	40.5	43.4
-75°	19.9	21.7	23.4	25.0	25.7	25.7	25.6	26.1	28.5	31.8	34.7
-77.5°	15.4	16.8	18.2	19.4	19.8	19.8	19.6	19.2	21.0	23.8	26.7
-80°	11.1	12.0	13.1	14.1	14.3	14.2	13.9	13.4	14.9	16.9	19.1
-82.5°	7.2	7.9	8.5	9.0	9.1	8.9	8.7	8.3	9.4	10.7	12.1
-85°	3.7	3.7	4.0	4.3	4.4	4.4	4.3	4.1	4.7	5.3	5.9
-87.5°	1.8	1.9	1.8	1.8	1.7	1.6	1.4	1.3	1.3	1.4	1.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626583 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-750-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°	1.5	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.2	1.1	1.0
85°	6.6	6.8	6.9	6.9	6.9	7.2	7.4	7.6	7.7	7.0	6.2
82.5°	13.6	14.2	14.8	15.3	15.9	16.2	16.5	16.7	16.8	15.2	13.4
80°	21.4	22.7	23.8	24.9	25.9	26.2	26.1	26.0	25.7	23.5	21.0
77.5°	29.7	31.4	32.8	34.2	35.6	36.1	36.3	36.5	36.7	33.9	30.6
75°	37.3	39.4	41.3	43.1	44.8	45.7	46.2	46.6	46.9	44.2	40.6
72.5°	45.9	48.1	50.2	52.2	54.0	55.1	55.9	56.5	57.0	55.5	53.2
70°	55.4	57.6	59.9	61.9	64.0	65.5	66.8	67.9	68.7	68.9	68.8
67.5°	65.9	68.6	71.3	73.6	76.0	78.2	80.1	81.7	83.0	83.9	84.3
65°	77.8	81.8	85.5	88.5	91.1	94.0	96.7	98.6	100.1	101.1	102.0
62.5°	91.7	96.6	100.8	104.8	109.1	113.1	115.7	118.3	120.8	123.2	125.2
60°	105.1	110.5	116.1	121.3	126.2	130.6	135.2	139.3	142.8	145.8	148.0
57.5°	119.4	126.0	132.4	139.0	145.2	151.0	156.7	161.9	166.4	170.2	173.3
55°	134.9	142.9	150.5	158.9	167.1	174.5	181.3	188.3	194.7	200.2	204.6
52.5°	151.6	162.1	172.1	182.0	192.5	202.0	210.6	220.3	228.9	236.0	241.6
50°	171.6	183.9	197.1	209.3	222.6	235.8	247.9	259.6	271.1	281.0	289.0
47.5°	194.4	209.5	225.8	242.1	258.6	276.6	292.6	307.4	323.5	337.4	348.5
45°	219.7	238.9	258.7	281.5	302.5	325.5	346.9	366.0	388.7	408.7	424.8
42.5°	247.7	273.4	299.4	328.1	355.9	385.2	416.2	443.8	473.9	502.6	525.8
40°	282.5	313.1	348.0	382.7	422.7	460.2	505.5	546.6	584.0	618.2	646.3
37.5°	321.1	360.6	404.3	449.6	504.3	557.9	610.9	660.9	705.0	742.5	774.0
35°	364.9	415.1	468.2	534.2	598.3	662.5	722.3	777.0	825.0	867.3	903.3
32.5°	415.4	475.6	549.8	624.0	697.1	767.8	833.6	893.2	945.8	993.3	1034.7
30°	468.5	550.6	633.9	715.3	795.1	872.6	944.7	1010.4	1069.9	1122.7	1170.3
27.5°	535.9	626.9	717.6	805.4	893.3	978.1	1056.2	1129.1	1197.4	1257.2	1311.6
25°	601.0	701.6	798.1	893.8	989.5	1080.5	1167.8	1250.2	1328.4	1397.0	1457.8
22.5°	666.2	771.5	874.6	977.5	1080.3	1181.7	1279.8	1374.2	1461.7	1539.7	1608.2
20°	726.5	836.6	946.9	1057.9	1169.2	1280.3	1390.5	1496.7	1594.1	1684.2	1763.4
17.5°	780.7	897.8	1014.7	1133.4	1254.0	1374.6	1497.0	1616.1	1727.5	1830.0	1921.9
15°	828.7	950.8	1076.3	1204.4	1334.0	1465.0	1598.5	1731.7	1857.1	1973.6	2076.2
12.5°	870.6	997.5	1129.1	1265.2	1405.9	1548.5	1694.3	1840.3	1979.1	2113.6	2224.4
10°	905.1	1037.2	1174.8	1317.8	1466.1	1619.7	1776.1	1933.2	2086.2	2228.9	2355.5
7.5°	931.8	1068.9	1210.7	1359.3	1515.0	1676.9	1842.6	2009.4	2172.6	2326.3	2466.5
5°	950.6	1091.9	1235.5	1390.2	1551.2	1719.0	1891.1	2065.0	2235.6	2397.2	2542.5
2.5°	961.6	1105.7	1250.0	1408.9	1572.7	1744.5	1921.3	2098.0	2273.1	2440.8	2590.0
0°	964.5	1109.9	1258.2	1410.9	1579.5	1756.4	1926.9	2104.1	2286.1	2451.5	2600.2
-2.5°	961.6	1105.7	1250.0	1408.9	1572.7	1744.5	1921.3	2098.0	2273.1	2440.8	2590.0
-5°	950.6	1091.9	1235.5	1390.2	1551.2	1719.0	1891.1	2065.0	2235.6	2397.2	2542.5
-7.5°	931.8	1068.9	1210.7	1359.3	1515.0	1676.9	1842.6	2009.4	2172.6	2326.3	2466.5
-10°	905.1	1037.2	1174.8	1317.8	1466.1	1619.7	1776.1	1933.2	2086.2	2228.9	2355.5
-12.5°	870.6	997.5	1129.1	1265.2	1405.9	1548.5	1694.3	1840.3	1979.1	2113.6	2224.4
-15°	828.7	950.8	1076.3	1204.4	1334.0	1465.0	1598.5	1731.7	1857.1	1973.6	2076.2
-17.5°	780.7	897.8	1014.7	1133.4	1254.0	1374.6	1497.0	1616.1	1727.5	1830.0	1921.9
-20°	726.5	836.6	946.9	1057.9	1169.2	1280.3	1390.5	1496.7	1594.1	1684.2	1763.4

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626583 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	666.2	771.5	874.6	977.5	1080.3	1181.7	1279.8	1374.2	1461.7	1539.7	1608.2
-25°	601.0	701.6	798.1	893.8	989.5	1080.5	1167.8	1250.2	1328.4	1397.0	1457.8
-27.5°	535.9	626.9	717.6	805.4	893.3	978.1	1056.2	1129.1	1197.4	1257.2	1311.6
-30°	468.5	550.6	633.9	715.3	795.1	872.6	944.7	1010.4	1069.9	1122.7	1170.3
-32.5°	415.4	475.6	549.8	624.0	697.1	767.8	833.6	893.2	945.8	993.3	1034.7
-35°	364.9	415.1	468.2	534.2	598.3	662.5	722.3	777.0	825.0	867.3	903.3
-37.5°	321.1	360.6	404.3	449.6	504.3	557.9	610.9	660.9	705.0	742.5	774.0
-40°	282.5	313.1	348.0	382.7	422.7	460.2	505.5	546.6	584.0	618.2	646.3
-42.5°	247.7	273.4	299.4	328.1	355.9	385.2	416.2	443.8	473.9	502.6	525.8
-45°	219.7	238.9	258.7	281.5	302.5	325.5	346.9	366.0	388.7	408.7	424.8
-47.5°	194.4	209.5	225.8	242.1	258.6	276.6	292.6	307.4	323.5	337.4	348.5
-50°	171.6	183.9	197.1	209.3	222.6	235.8	247.9	259.6	271.1	281.0	289.0
-52.5°	151.6	162.1	172.1	182.0	192.5	202.0	210.6	220.3	228.9	236.0	241.6
-55°	134.9	142.9	150.5	158.9	167.1	174.5	181.3	188.3	194.7	200.2	204.6
-57.5°	119.4	126.0	132.4	139.0	145.2	151.0	156.7	161.9	166.4	170.2	173.3
-60°	105.1	110.5	116.1	121.3	126.2	130.6	135.2	139.3	142.8	145.8	148.0
-62.5°	91.7	96.6	100.8	104.8	109.1	113.1	115.7	118.3	120.8	123.2	125.2
-65°	77.8	81.8	85.5	88.5	91.1	94.0	96.7	98.6	100.1	101.1	102.0
-67.5°	65.9	68.6	71.3	73.6	76.0	78.2	80.1	81.7	83.0	83.9	84.3
-70°	55.4	57.6	59.9	61.9	64.0	65.5	66.8	67.9	68.7	68.9	68.8
-72.5°	45.9	48.1	50.2	52.2	54.0	55.1	55.9	56.5	57.0	55.5	53.2
-75°	37.3	39.4	41.3	43.1	44.8	45.7	46.2	46.6	46.9	44.2	40.6
-77.5°	29.7	31.4	32.8	34.2	35.6	36.1	36.3	36.5	36.7	33.9	30.6
-80°	21.4	22.7	23.8	24.9	25.9	26.2	26.1	26.0	25.7	23.5	21.0
-82.5°	13.6	14.2	14.8	15.3	15.9	16.2	16.5	16.7	16.8	15.2	13.4
-85°	6.6	6.8	6.9	6.9	6.9	7.2	7.4	7.6	7.7	7.0	6.2
-87.5°	1.5	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.2	1.1	1.0
-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: P626583 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-750-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°	0.9	0.8	0.7	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.2
85°	5.4	4.5	4.4	4.3	4.4	4.5	5.4	6.2	7.0	7.7	7.6
82.5°	11.5	9.6	9.3	9.0	9.3	9.6	11.5	13.4	15.2	16.8	16.7
80°	18.5	15.8	15.3	14.8	15.3	15.8	18.5	21.0	23.5	25.7	26.0
77.5°	27.1	23.4	22.3	21.3	22.3	23.4	27.1	30.6	33.9	36.7	36.5
75°	36.9	33.1	31.8	30.6	31.8	33.1	36.9	40.6	44.2	46.9	46.6
72.5°	51.0	48.6	46.3	43.7	46.3	48.6	51.0	53.2	55.5	57.0	56.5
70°	68.7	68.6	68.0	67.1	68.0	68.6	68.7	68.8	68.9	68.7	67.9
67.5°	84.5	84.4	84.7	84.7	84.7	84.4	84.5	84.3	83.9	83.0	81.7
65°	102.6	102.8	103.2	103.4	103.2	102.8	102.6	102.0	101.1	100.1	98.6
62.5°	126.7	127.7	128.3	128.2	128.3	127.7	126.7	125.2	123.2	120.8	118.3
60°	149.6	150.7	151.4	151.6	151.4	150.7	149.6	148.0	145.8	142.8	139.3
57.5°	175.8	177.6	178.6	178.7	178.6	177.6	175.8	173.3	170.2	166.4	161.9
55°	208.0	210.3	211.4	211.3	211.4	210.3	208.0	204.6	200.2	194.7	188.3
52.5°	245.8	248.7	250.8	252.1	250.8	248.7	245.8	241.6	236.0	228.9	220.3
50°	295.0	299.1	301.7	302.8	301.7	299.1	295.0	289.0	281.0	271.1	259.6
47.5°	356.5	362.0	366.0	368.9	366.0	362.0	356.5	348.5	337.4	323.5	307.4
45°	436.7	445.1	450.7	454.0	450.7	445.1	436.7	424.8	408.7	388.7	366.0
42.5°	544.0	556.9	564.9	567.9	564.9	556.9	544.0	525.8	502.6	473.9	443.8
40°	668.4	684.0	694.2	701.2	694.2	684.0	668.4	646.3	618.2	584.0	546.6
37.5°	798.1	814.4	824.4	831.1	824.4	814.4	798.1	774.0	742.5	705.0	660.9
35°	930.4	947.5	956.8	962.0	956.8	947.5	930.4	903.3	867.3	825.0	777.0
32.5°	1066.2	1085.0	1095.2	1105.6	1095.2	1085.0	1066.2	1034.7	993.3	945.8	893.2
30°	1208.0	1229.6	1240.2	1245.3	1240.2	1229.6	1208.0	1170.3	1122.7	1069.9	1010.4
27.5°	1355.5	1382.5	1395.8	1404.5	1395.8	1382.5	1355.5	1311.6	1257.2	1197.4	1129.1
25°	1509.1	1542.5	1557.7	1571.3	1557.7	1542.5	1509.1	1457.8	1397.0	1328.4	1250.2
22.5°	1668.5	1710.0	1727.6	1737.3	1727.6	1710.0	1668.5	1608.2	1539.7	1461.7	1374.2
20°	1832.0	1881.6	1906.1	1918.7	1906.1	1881.6	1832.0	1763.4	1684.2	1594.1	1496.7
17.5°	1999.1	2060.9	2092.6	2099.8	2092.6	2060.9	1999.1	1921.9	1830.0	1727.5	1616.1
15°	2163.2	2230.1	2267.5	2281.2	2267.5	2230.1	2163.2	2076.2	1973.6	1857.1	1731.7
12.5°	2318.7	2387.9	2432.6	2440.6	2432.6	2387.9	2318.7	2224.4	2113.6	1979.1	1840.3
10°	2459.7	2531.4	2580.8	2592.0	2580.8	2531.4	2459.7	2355.5	2228.9	2086.2	1933.2
7.5°	2577.5	2656.2	2710.7	2720.2	2710.7	2656.2	2577.5	2466.5	2326.3	2172.6	2009.4
5°	2663.7	2757.1	2801.9	2813.2	2801.9	2757.1	2663.7	2542.5	2397.2	2235.6	2065.0
2.5°	2711.0	2806.1	2868.3	2861.2	2868.3	2806.1	2711.0	2590.0	2440.8	2273.1	2098.0
0°	2716.3	2815.8	2875.3	2902.8	2875.3	2815.8	2716.3	2600.2	2451.5	2286.1	2104.1
-2.5°	2711.0	2806.1	2868.3	2861.2	2868.3	2806.1	2711.0	2590.0	2440.8	2273.1	2098.0
-5°	2663.7	2757.1	2801.9	2813.2	2801.9	2757.1	2663.7	2542.5	2397.2	2235.6	2065.0
-7.5°	2577.5	2656.2	2710.7	2720.2	2710.7	2656.2	2577.5	2466.5	2326.3	2172.6	2009.4
-10°	2459.7	2531.4	2580.8	2592.0	2580.8	2531.4	2459.7	2355.5	2228.9	2086.2	1933.2
-12.5°	2318.7	2387.9	2432.6	2440.6	2432.6	2387.9	2318.7	2224.4	2113.6	1979.1	1840.3
-15°	2163.2	2230.1	2267.5	2281.2	2267.5	2230.1	2163.2	2076.2	1973.6	1857.1	1731.7
-17.5°	1999.1	2060.9	2092.6	2099.8	2092.6	2060.9	1999.1	1921.9	1830.0	1727.5	1616.1
-20°	1832.0	1881.6	1906.1	1918.7	1906.1	1881.6	1832.0	1763.4	1684.2	1594.1	1496.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626583 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-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°	1668.5	1710.0	1727.6	1737.3	1727.6	1710.0	1668.5	1608.2	1539.7	1461.7	1374.2
-25°	1509.1	1542.5	1557.7	1571.3	1557.7	1542.5	1509.1	1457.8	1397.0	1328.4	1250.2
-27.5°	1355.5	1382.5	1395.8	1404.5	1395.8	1382.5	1355.5	1311.6	1257.2	1197.4	1129.1
-30°	1208.0	1229.6	1240.2	1245.3	1240.2	1229.6	1208.0	1170.3	1122.7	1069.9	1010.4
-32.5°	1066.2	1085.0	1095.2	1105.6	1095.2	1085.0	1066.2	1034.7	993.3	945.8	893.2
-35°	930.4	947.5	956.8	962.0	956.8	947.5	930.4	903.3	867.3	825.0	777.0
-37.5°	798.1	814.4	824.4	831.1	824.4	814.4	798.1	774.0	742.5	705.0	660.9
-40°	668.4	684.0	694.2	701.2	694.2	684.0	668.4	646.3	618.2	584.0	546.6
-42.5°	544.0	556.9	564.9	567.9	564.9	556.9	544.0	525.8	502.6	473.9	443.8
-45°	436.7	445.1	450.7	454.0	450.7	445.1	436.7	424.8	408.7	388.7	366.0
-47.5°	356.5	362.0	366.0	368.9	366.0	362.0	356.5	348.5	337.4	323.5	307.4
-50°	295.0	299.1	301.7	302.8	301.7	299.1	295.0	289.0	281.0	271.1	259.6
-52.5°	245.8	248.7	250.8	252.1	250.8	248.7	245.8	241.6	236.0	228.9	220.3
-55°	208.0	210.3	211.4	211.3	211.4	210.3	208.0	204.6	200.2	194.7	188.3
-57.5°	175.8	177.6	178.6	178.7	178.6	177.6	175.8	173.3	170.2	166.4	161.9
-60°	149.6	150.7	151.4	151.6	151.4	150.7	149.6	148.0	145.8	142.8	139.3
-62.5°	126.7	127.7	128.3	128.2	128.3	127.7	126.7	125.2	123.2	120.8	118.3
-65°	102.6	102.8	103.2	103.4	103.2	102.8	102.6	102.0	101.1	100.1	98.6
-67.5°	84.5	84.4	84.7	84.7	84.7	84.4	84.5	84.3	83.9	83.0	81.7
-70°	68.7	68.6	68.0	67.1	68.0	68.6	68.7	68.8	68.9	68.7	67.9
-72.5°	51.0	48.6	46.3	43.7	46.3	48.6	51.0	53.2	55.5	57.0	56.5
-75°	36.9	33.1	31.8	30.6	31.8	33.1	36.9	40.6	44.2	46.9	46.6
-77.5°	27.1	23.4	22.3	21.3	22.3	23.4	27.1	30.6	33.9	36.7	36.5
-80°	18.5	15.8	15.3	14.8	15.3	15.8	18.5	21.0	23.5	25.7	26.0
-82.5°	11.5	9.6	9.3	9.0	9.3	9.6	11.5	13.4	15.2	16.8	16.7
-85°	5.4	4.5	4.4	4.3	4.4	4.5	5.4	6.2	7.0	7.7	7.6
-87.5°	0.9	0.8	0.7	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.2
-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: P626583 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-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°	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.4	1.4	1.3	1.3
85°	7.4	7.2	6.9	6.9	6.9	6.8	6.6	5.9	5.3	4.7	4.1
82.5°	16.5	16.2	15.9	15.3	14.8	14.2	13.6	12.1	10.7	9.4	8.3
80°	26.1	26.2	25.9	24.9	23.8	22.7	21.4	19.1	16.9	14.9	13.4
77.5°	36.3	36.1	35.6	34.2	32.8	31.4	29.7	26.7	23.8	21.0	19.2
75°	46.2	45.7	44.8	43.1	41.3	39.4	37.3	34.7	31.8	28.5	26.1
72.5°	55.9	55.1	54.0	52.2	50.2	48.1	45.9	43.4	40.5	37.3	34.8
70°	66.8	65.5	64.0	61.9	59.9	57.6	55.4	52.8	49.8	46.6	44.0
67.5°	80.1	78.2	76.0	73.6	71.3	68.6	65.9	63.0	60.0	56.6	53.3
65°	96.7	94.0	91.1	88.5	85.5	81.8	77.8	74.2	70.7	66.9	62.6
62.5°	115.7	113.1	109.1	104.8	100.8	96.6	91.7	86.7	82.0	77.2	72.2
60°	135.2	130.6	126.2	121.3	116.1	110.5	105.1	99.4	93.5	87.7	81.8
57.5°	156.7	151.0	145.2	139.0	132.4	126.0	119.4	112.4	105.7	98.6	91.5
55°	181.3	174.5	167.1	158.9	150.5	142.9	134.9	126.9	118.7	109.9	102.0
52.5°	210.6	202.0	192.5	182.0	172.1	162.1	151.6	142.5	132.5	122.7	112.9
50°	247.9	235.8	222.6	209.3	197.1	183.9	171.6	159.6	147.5	136.1	124.8
47.5°	292.6	276.6	258.6	242.1	225.8	209.5	194.4	178.4	164.6	150.3	137.6
45°	346.9	325.5	302.5	281.5	258.7	238.9	219.7	201.4	183.2	167.0	150.8
42.5°	416.2	385.2	355.9	328.1	299.4	273.4	247.7	226.0	204.7	184.6	166.4
40°	505.5	460.2	422.7	382.7	348.0	313.1	282.5	252.4	228.2	204.4	182.2
37.5°	610.9	557.9	504.3	449.6	404.3	360.6	321.1	285.7	252.7	225.8	200.1
35°	722.3	662.5	598.3	534.2	468.2	415.1	364.9	321.3	282.8	248.1	218.5
32.5°	833.6	767.8	697.1	624.0	549.8	475.6	415.4	361.3	313.2	273.6	238.7
30°	944.7	872.6	795.1	715.3	633.9	550.6	468.5	405.3	348.8	299.1	258.9
27.5°	1056.2	978.1	893.3	805.4	717.6	626.9	535.9	450.7	384.6	328.5	281.1
25°	1167.8	1080.5	989.5	893.8	798.1	701.6	601.0	506.1	424.8	357.8	301.6
22.5°	1279.8	1181.7	1080.3	977.5	874.6	771.5	666.2	560.3	462.9	387.7	325.6
20°	1390.5	1280.3	1169.2	1057.9	946.9	836.6	726.5	613.5	507.7	418.7	347.9
17.5°	1497.0	1374.6	1254.0	1133.4	1014.7	897.8	780.7	662.7	547.7	446.3	367.7
15°	1598.5	1465.0	1334.0	1204.4	1076.3	950.8	828.7	705.8	584.0	475.0	389.4
12.5°	1694.3	1548.5	1405.9	1265.2	1129.1	997.5	870.6	743.7	618.3	503.0	408.7
10°	1776.1	1619.7	1466.1	1317.8	1174.8	1037.2	905.1	775.7	647.6	526.3	424.5
7.5°	1842.6	1676.9	1515.0	1359.3	1210.7	1068.9	931.8	800.3	670.9	544.5	436.6
5°	1891.1	1719.0	1551.2	1390.2	1235.5	1091.9	950.6	817.1	687.7	557.4	445.2
2.5°	1921.3	1744.5	1572.7	1408.9	1250.0	1105.7	961.6	827.2	697.3	564.5	450.5
0°	1926.9	1756.4	1579.5	1410.9	1258.2	1109.9	964.5	830.9	699.8	566.0	452.2
-2.5°	1921.3	1744.5	1572.7	1408.9	1250.0	1105.7	961.6	827.2	697.3	564.5	450.5
-5°	1891.1	1719.0	1551.2	1390.2	1235.5	1091.9	950.6	817.1	687.7	557.4	445.2
-7.5°	1842.6	1676.9	1515.0	1359.3	1210.7	1068.9	931.8	800.3	670.9	544.5	436.6
-10°	1776.1	1619.7	1466.1	1317.8	1174.8	1037.2	905.1	775.7	647.6	526.3	424.5
-12.5°	1694.3	1548.5	1405.9	1265.2	1129.1	997.5	870.6	743.7	618.3	503.0	408.7
-15°	1598.5	1465.0	1334.0	1204.4	1076.3	950.8	828.7	705.8	584.0	475.0	389.4
-17.5°	1497.0	1374.6	1254.0	1133.4	1014.7	897.8	780.7	662.7	547.7	446.3	367.7
-20°	1390.5	1280.3	1169.2	1057.9	946.9	836.6	726.5	613.5	507.7	418.7	347.9



REPORT NUMBER: P626583 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1279.8	1181.7	1080.3	977.5	874.6	771.5	666.2	560.3	462.9	387.7	325.6
-25°	1167.8	1080.5	989.5	893.8	798.1	701.6	601.0	506.1	424.8	357.8	301.6
-27.5°	1056.2	978.1	893.3	805.4	717.6	626.9	535.9	450.7	384.6	328.5	281.1
-30°	944.7	872.6	795.1	715.3	633.9	550.6	468.5	405.3	348.8	299.1	258.9
-32.5°	833.6	767.8	697.1	624.0	549.8	475.6	415.4	361.3	313.2	273.6	238.7
-35°	722.3	662.5	598.3	534.2	468.2	415.1	364.9	321.3	282.8	248.1	218.5
-37.5°	610.9	557.9	504.3	449.6	404.3	360.6	321.1	285.7	252.7	225.8	200.1
-40°	505.5	460.2	422.7	382.7	348.0	313.1	282.5	252.4	228.2	204.4	182.2
-42.5°	416.2	385.2	355.9	328.1	299.4	273.4	247.7	226.0	204.7	184.6	166.4
-45°	346.9	325.5	302.5	281.5	258.7	238.9	219.7	201.4	183.2	167.0	150.8
-47.5°	292.6	276.6	258.6	242.1	225.8	209.5	194.4	178.4	164.6	150.3	137.6
-50°	247.9	235.8	222.6	209.3	197.1	183.9	171.6	159.6	147.5	136.1	124.8
-52.5°	210.6	202.0	192.5	182.0	172.1	162.1	151.6	142.5	132.5	122.7	112.9
-55°	181.3	174.5	167.1	158.9	150.5	142.9	134.9	126.9	118.7	109.9	102.0
-57.5°	156.7	151.0	145.2	139.0	132.4	126.0	119.4	112.4	105.7	98.6	91.5
-60°	135.2	130.6	126.2	121.3	116.1	110.5	105.1	99.4	93.5	87.7	81.8
-62.5°	115.7	113.1	109.1	104.8	100.8	96.6	91.7	86.7	82.0	77.2	72.2
-65°	96.7	94.0	91.1	88.5	85.5	81.8	77.8	74.2	70.7	66.9	62.6
-67.5°	80.1	78.2	76.0	73.6	71.3	68.6	65.9	63.0	60.0	56.6	53.3
-70°	66.8	65.5	64.0	61.9	59.9	57.6	55.4	52.8	49.8	46.6	44.0
-72.5°	55.9	55.1	54.0	52.2	50.2	48.1	45.9	43.4	40.5	37.3	34.8
-75°	46.2	45.7	44.8	43.1	41.3	39.4	37.3	34.7	31.8	28.5	26.1
-77.5°	36.3	36.1	35.6	34.2	32.8	31.4	29.7	26.7	23.8	21.0	19.2
-80°	26.1	26.2	25.9	24.9	23.8	22.7	21.4	19.1	16.9	14.9	13.4
-82.5°	16.5	16.2	15.9	15.3	14.8	14.2	13.6	12.1	10.7	9.4	8.3
-85°	7.4	7.2	6.9	6.9	6.9	6.8	6.6	5.9	5.3	4.7	4.1
-87.5°	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.4	1.4	1.3	1.3
-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: P626583 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-750-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°	1.4	1.6	1.7	1.8	1.8	1.9	1.8	1.8	1.7	1.6	1.5
85°	4.3	4.4	4.4	4.3	4.0	3.7	3.7	3.6	3.5	3.3	3.0
82.5°	8.7	8.9	9.1	9.0	8.5	7.9	7.2	6.6	5.8	5.0	4.6
80°	13.9	14.2	14.3	14.1	13.1	12.0	11.1	10.1	9.2	8.1	6.9
77.5°	19.6	19.8	19.8	19.4	18.2	16.8	15.4	13.8	12.5	11.2	9.7
75°	25.6	25.7	25.7	25.0	23.4	21.7	19.9	18.0	16.1	14.3	12.5
72.5°	33.5	32.5	31.7	30.6	28.9	26.9	24.6	22.1	19.7	17.4	15.3
70°	41.8	39.5	37.7	36.1	34.2	32.2	29.6	26.4	23.2	20.4	17.8
67.5°	50.4	47.5	44.7	41.7	39.4	37.1	34.6	30.7	26.8	23.4	20.4
65°	58.8	55.3	52.1	48.2	44.8	42.0	39.1	34.8	30.3	26.3	22.8
62.5°	67.2	62.6	58.5	54.3	50.3	46.7	43.5	38.5	33.7	29.1	25.2
60°	75.9	70.4	65.0	60.1	55.5	51.2	47.1	42.2	36.9	31.8	27.4
57.5°	84.9	78.3	72.1	66.1	60.7	55.7	50.7	45.5	40.0	34.5	29.4
55°	94.0	86.6	79.2	72.3	66.0	60.3	54.4	48.8	43.0	37.2	31.0
52.5°	103.8	95.0	86.7	78.7	71.4	64.8	58.4	51.9	45.9	39.7	32.7
50°	114.1	104.0	94.5	85.6	76.9	69.4	62.2	55.4	48.7	42.2	34.3
47.5°	124.9	113.5	102.7	92.5	83.0	73.9	66.2	58.8	51.5	44.6	35.8
45°	136.9	123.4	111.2	99.9	88.9	79.1	70.2	62.1	54.4	46.4	37.1
42.5°	148.9	133.9	119.9	107.1	95.4	84.2	74.0	65.5	57.3	48.0	38.4
40°	162.7	144.7	128.8	114.8	101.7	89.2	78.4	68.8	59.9	49.6	39.7
37.5°	176.2	156.3	138.3	122.2	107.9	94.7	82.6	71.9	62.0	51.3	40.9
35°	192.2	168.3	147.5	130.0	114.4	100.0	86.6	75.1	64.3	53.0	41.9
32.5°	207.6	180.5	157.7	137.9	120.5	105.0	90.8	78.4	66.6	54.5	42.8
30°	224.6	193.8	167.4	145.4	126.5	110.2	95.1	81.4	69.0	56.0	43.7
27.5°	240.9	206.1	176.9	153.3	132.9	115.0	99.0	84.3	71.3	57.6	44.8
25°	257.1	219.3	187.3	160.9	138.7	119.4	102.6	87.0	73.6	59.3	45.7
22.5°	274.6	232.2	196.7	167.6	144.1	123.5	106.1	89.9	75.7	61.0	46.6
20°	290.8	243.7	205.1	174.1	149.3	127.8	109.3	92.6	77.6	62.5	47.3
17.5°	306.0	255.5	214.4	181.1	154.3	131.6	112.2	94.9	79.3	64.0	47.9
15°	321.9	267.1	222.8	187.2	158.6	134.9	114.6	96.9	80.7	65.3	48.4
12.5°	335.6	277.0	229.9	192.3	162.2	137.7	116.7	98.6	81.9	66.4	48.9
10°	346.8	285.0	235.6	196.5	165.1	139.9	118.3	99.9	82.9	67.2	49.2
7.5°	355.5	291.1	239.9	199.6	167.4	141.6	119.7	101.0	83.7	67.8	49.2
5°	361.6	295.4	243.1	201.8	169.1	142.8	120.6	101.7	84.3	68.1	49.1
2.5°	364.9	297.8	245.0	202.9	170.1	143.5	121.1	102.0	84.5	68.2	48.7
0°	365.4	298.3	245.6	203.1	170.3	143.6	121.2	102.0	84.5	67.9	48.2
-2.5°	364.9	297.8	245.0	202.9	170.1	143.5	121.1	102.0	84.5	68.2	48.7
-5°	361.6	295.4	243.1	201.8	169.1	142.8	120.6	101.7	84.3	68.1	49.1
-7.5°	355.5	291.1	239.9	199.6	167.4	141.6	119.7	101.0	83.7	67.8	49.2
-10°	346.8	285.0	235.6	196.5	165.1	139.9	118.3	99.9	82.9	67.2	49.2
-12.5°	335.6	277.0	229.9	192.3	162.2	137.7	116.7	98.6	81.9	66.4	48.9
-15°	321.9	267.1	222.8	187.2	158.6	134.9	114.6	96.9	80.7	65.3	48.4
-17.5°	306.0	255.5	214.4	181.1	154.3	131.6	112.2	94.9	79.3	64.0	47.9
-20°	290.8	243.7	205.1	174.1	149.3	127.8	109.3	92.6	77.6	62.5	47.3

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626583 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-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°	274.6	232.2	196.7	167.6	144.1	123.5	106.1	89.9	75.7	61.0	46.6
-25°	257.1	219.3	187.3	160.9	138.7	119.4	102.6	87.0	73.6	59.3	45.7
-27.5°	240.9	206.1	176.9	153.3	132.9	115.0	99.0	84.3	71.3	57.6	44.8
-30°	224.6	193.8	167.4	145.4	126.5	110.2	95.1	81.4	69.0	56.0	43.7
-32.5°	207.6	180.5	157.7	137.9	120.5	105.0	90.8	78.4	66.6	54.5	42.8
-35°	192.2	168.3	147.5	130.0	114.4	100.0	86.6	75.1	64.3	53.0	41.9
-37.5°	176.2	156.3	138.3	122.2	107.9	94.7	82.6	71.9	62.0	51.3	40.9
-40°	162.7	144.7	128.8	114.8	101.7	89.2	78.4	68.8	59.9	49.6	39.7
-42.5°	148.9	133.9	119.9	107.1	95.4	84.2	74.0	65.5	57.3	48.0	38.4
-45°	136.9	123.4	111.2	99.9	88.9	79.1	70.2	62.1	54.4	46.4	37.1
-47.5°	124.9	113.5	102.7	92.5	83.0	73.9	66.2	58.8	51.5	44.6	35.8
-50°	114.1	104.0	94.5	85.6	76.9	69.4	62.2	55.4	48.7	42.2	34.3
-52.5°	103.8	95.0	86.7	78.7	71.4	64.8	58.4	51.9	45.9	39.7	32.7
-55°	94.0	86.6	79.2	72.3	66.0	60.3	54.4	48.8	43.0	37.2	31.0
-57.5°	84.9	78.3	72.1	66.1	60.7	55.7	50.7	45.5	40.0	34.5	29.4
-60°	75.9	70.4	65.0	60.1	55.5	51.2	47.1	42.2	36.9	31.8	27.4
-62.5°	67.2	62.6	58.5	54.3	50.3	46.7	43.5	38.5	33.7	29.1	25.2
-65°	58.8	55.3	52.1	48.2	44.8	42.0	39.1	34.8	30.3	26.3	22.8
-67.5°	50.4	47.5	44.7	41.7	39.4	37.1	34.6	30.7	26.8	23.4	20.4
-70°	41.8	39.5	37.7	36.1	34.2	32.2	29.6	26.4	23.2	20.4	17.8
-72.5°	33.5	32.5	31.7	30.6	28.9	26.9	24.6	22.1	19.7	17.4	15.3
-75°	25.6	25.7	25.7	25.0	23.4	21.7	19.9	18.0	16.1	14.3	12.5
-77.5°	19.6	19.8	19.8	19.4	18.2	16.8	15.4	13.8	12.5	11.2	9.7
-80°	13.9	14.2	14.3	14.1	13.1	12.0	11.1	10.1	9.2	8.1	6.9
-82.5°	8.7	8.9	9.1	9.0	8.5	7.9	7.2	6.6	5.8	5.0	4.6
-85°	4.3	4.4	4.4	4.3	4.0	3.7	3.7	3.6	3.5	3.3	3.0
-87.5°	1.4	1.6	1.7	1.8	1.8	1.9	1.8	1.8	1.7	1.6	1.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P626583 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-750-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°	1.4	1.1	0.8	0.6	0.3	0.1	0.0
85°	2.7	2.1	1.6	1.1	0.7	0.3	0.0
82.5°	4.1	3.2	2.4	1.7	1.0	0.4	0.0
80°	5.6	4.2	3.2	2.2	1.3	0.6	0.0
77.5°	8.0	5.5	3.9	2.7	1.7	0.7	0.0
75°	10.3	7.2	4.8	3.3	2.0	0.9	0.0
72.5°	12.6	8.9	5.9	3.8	2.3	1.0	0.0
70°	14.7	10.5	7.0	4.3	2.6	1.2	0.0
67.5°	16.6	12.0	8.1	5.0	2.9	1.3	0.0
65°	18.3	13.4	9.1	5.6	3.2	1.4	0.0
62.5°	20.0	14.7	10.0	6.2	3.5	1.5	0.0
60°	21.5	15.9	10.9	6.8	3.8	1.7	0.0
57.5°	22.9	17.0	11.7	7.4	4.1	1.8	0.0
55°	24.2	18.0	12.5	7.8	4.4	1.9	0.0
52.5°	25.4	19.0	13.2	8.3	4.7	2.0	0.0
50°	26.5	19.8	13.9	8.7	5.0	2.1	0.0
47.5°	27.5	20.6	14.4	9.1	5.3	2.2	0.0
45°	28.6	21.3	14.9	9.5	5.5	2.3	0.0
42.5°	29.6	21.9	15.4	9.8	5.8	2.4	0.0
40°	30.5	22.4	15.8	10.2	6.0	2.5	0.0
37.5°	31.2	22.8	16.1	10.5	6.2	2.5	0.0
35°	31.9	23.3	16.4	10.9	6.4	2.6	0.0
32.5°	32.5	23.7	16.6	11.2	6.6	2.7	0.0
30°	33.1	24.1	16.8	11.4	6.8	2.7	0.0
27.5°	33.6	24.3	17.1	11.7	6.9	2.8	0.0
25°	34.0	24.4	17.4	11.9	7.0	2.8	0.0
22.5°	34.3	24.6	17.7	12.1	7.2	2.9	0.0
20°	34.5	25.1	18.0	12.2	7.3	2.9	0.0
17.5°	34.9	25.5	18.2	12.4	7.3	2.9	0.0
15°	35.4	25.8	18.4	12.4	7.4	2.9	0.0
12.5°	35.7	26.0	18.5	12.5	7.4	2.9	0.0
10°	35.9	26.1	18.6	12.5	7.5	2.9	0.0
7.5°	36.0	26.2	18.7	12.5	7.5	2.9	0.0
5°	35.9	26.2	18.7	12.5	7.5	2.9	0.0
2.5°	35.8	26.1	18.6	12.4	7.4	2.9	0.0
0°	35.5	25.9	18.5	12.3	7.4	2.9	0.0
-2.5°	35.8	26.1	18.6	12.4	7.4	2.9	0.0
-5°	35.9	26.2	18.7	12.5	7.5	2.9	0.0
-7.5°	36.0	26.2	18.7	12.5	7.5	2.9	0.0
-10°	35.9	26.1	18.6	12.5	7.5	2.9	0.0
-12.5°	35.7	26.0	18.5	12.5	7.4	2.9	0.0
-15°	35.4	25.8	18.4	12.4	7.4	2.9	0.0
-17.5°	34.9	25.5	18.2	12.4	7.3	2.9	0.0
-20°	34.5	25.1	18.0	12.2	7.3	2.9	0.0

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CATALOG NUMBER: GFLD-SA1A-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	34.3	24.6	17.7	12.1	7.2	2.9	0.0
-25°	34.0	24.4	17.4	11.9	7.0	2.8	0.0
-27.5°	33.6	24.3	17.1	11.7	6.9	2.8	0.0
-30°	33.1	24.1	16.8	11.4	6.8	2.7	0.0
-32.5°	32.5	23.7	16.6	11.2	6.6	2.7	0.0
-35°	31.9	23.3	16.4	10.9	6.4	2.6	0.0
-37.5°	31.2	22.8	16.1	10.5	6.2	2.5	0.0
-40°	30.5	22.4	15.8	10.2	6.0	2.5	0.0
-42.5°	29.6	21.9	15.4	9.8	5.8	2.4	0.0
-45°	28.6	21.3	14.9	9.5	5.5	2.3	0.0
-47.5°	27.5	20.6	14.4	9.1	5.3	2.2	0.0
-50°	26.5	19.8	13.9	8.7	5.0	2.1	0.0
-52.5°	25.4	19.0	13.2	8.3	4.7	2.0	0.0
-55°	24.2	18.0	12.5	7.8	4.4	1.9	0.0
-57.5°	22.9	17.0	11.7	7.4	4.1	1.8	0.0
-60°	21.5	15.9	10.9	6.8	3.8	1.7	0.0
-62.5°	20.0	14.7	10.0	6.2	3.5	1.5	0.0
-65°	18.3	13.4	9.1	5.6	3.2	1.4	0.0
-67.5°	16.6	12.0	8.1	5.0	2.9	1.3	0.0
-70°	14.7	10.5	7.0	4.3	2.6	1.2	0.0
-72.5°	12.6	8.9	5.9	3.8	2.3	1.0	0.0
-75°	10.3	7.2	4.8	3.3	2.0	0.9	0.0
-77.5°	8.0	5.5	3.9	2.7	1.7	0.7	0.0
-80°	5.6	4.2	3.2	2.2	1.3	0.6	0.0
-82.5°	4.1	3.2	2.4	1.7	1.0	0.4	0.0
-85°	2.7	2.1	1.6	1.1	0.7	0.3	0.0
-87.5°	1.4	1.1	0.8	0.6	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)