

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: P645305 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA1A-750-U-LAM-VSR-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645305 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-22)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/4/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1A-750-U-LAM-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, LAMBERTIAN WITH VISOR
Light Source: (16) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

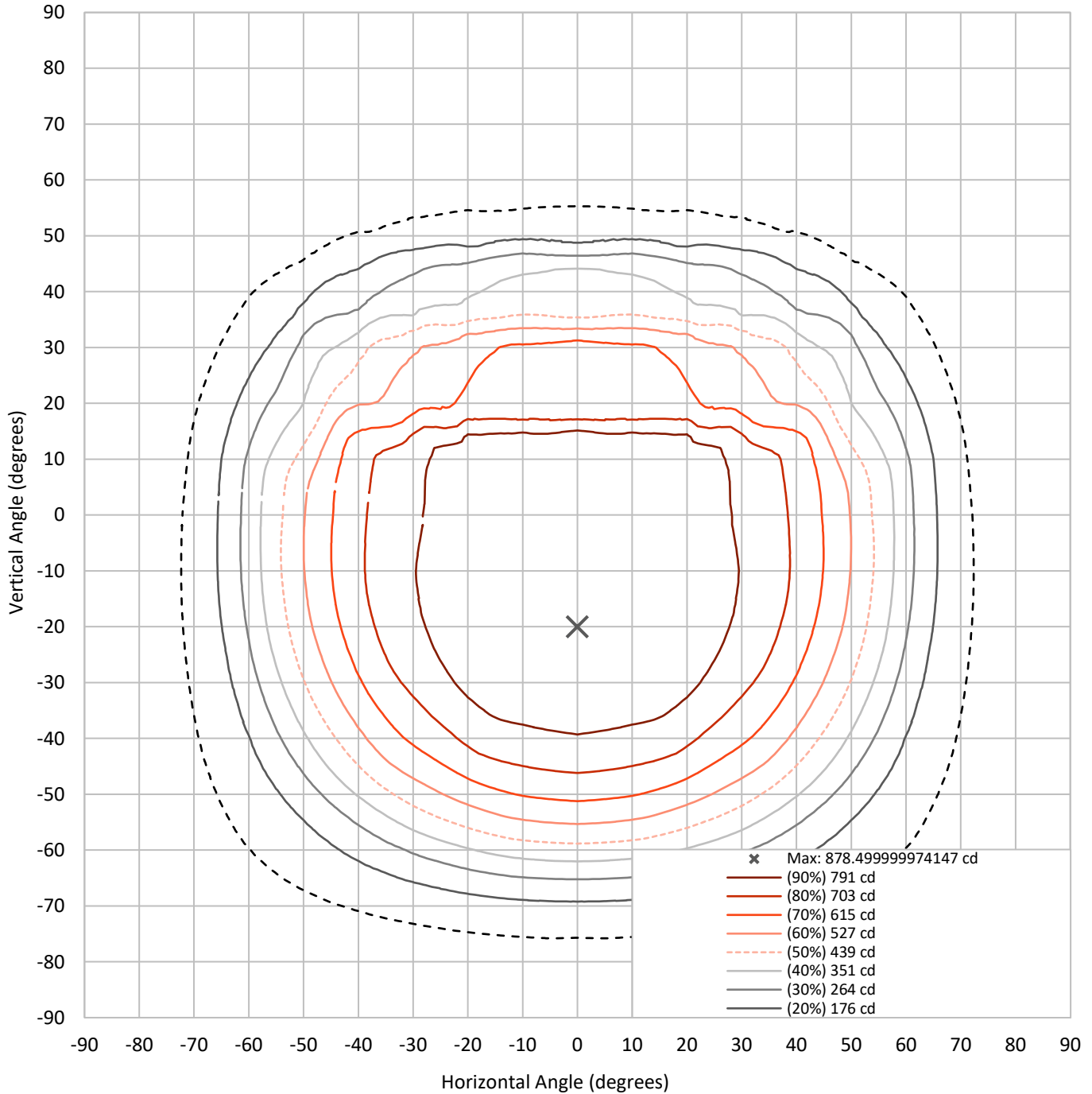
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	2059.9 lumens	Max Intensity:	878.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x -20°V
Efficacy:	113.8 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	105.6°H x 93.7°V	Field Angle (10%):	144°H x 131.2°V
Beam Lumens:	1610.3 lumens	Field Lumens:	2018.9 lumens
Beam Efficiency:	78.2%	Field Efficiency:	98.0%
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		



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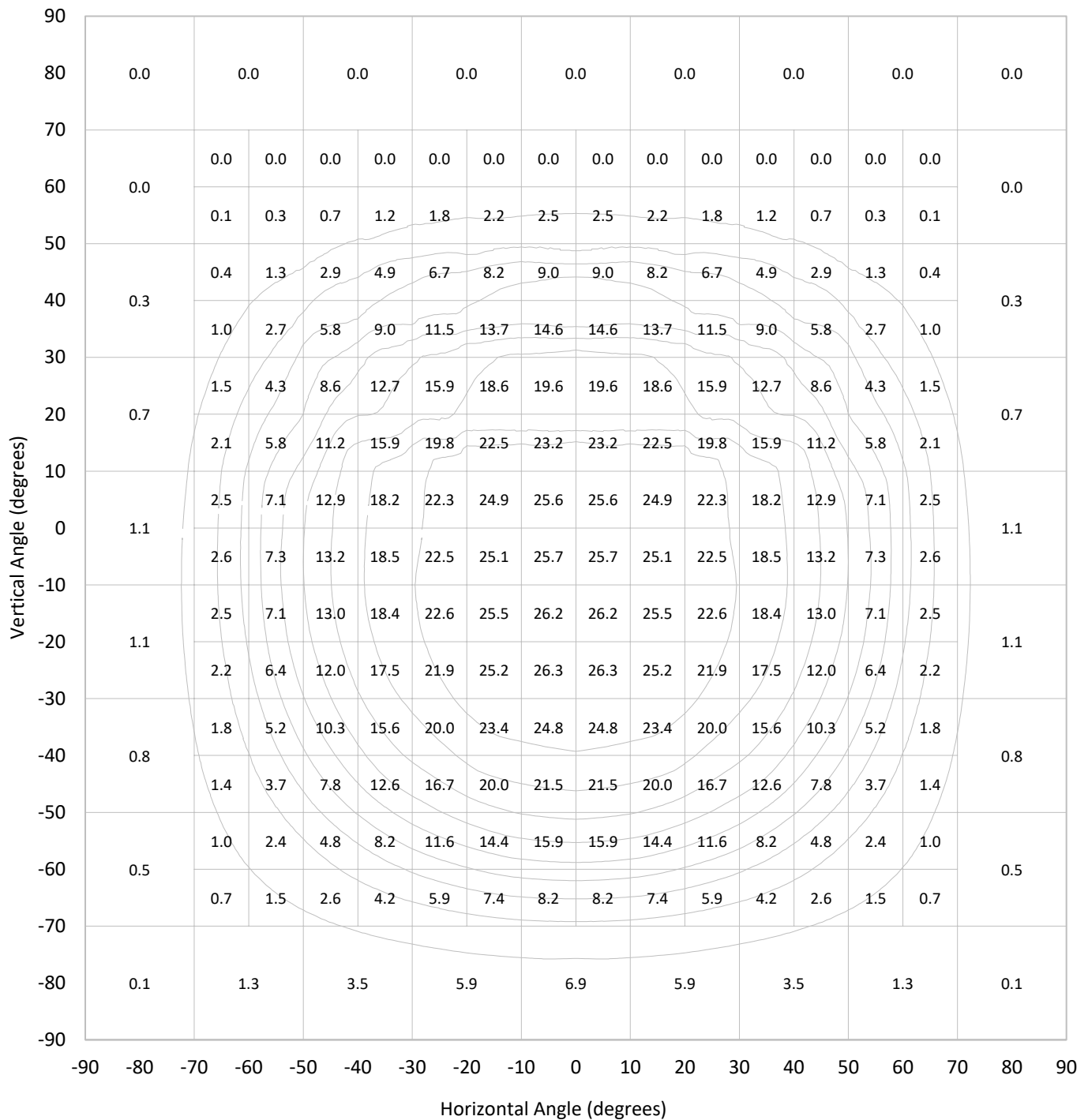
Iso-Candela Plot





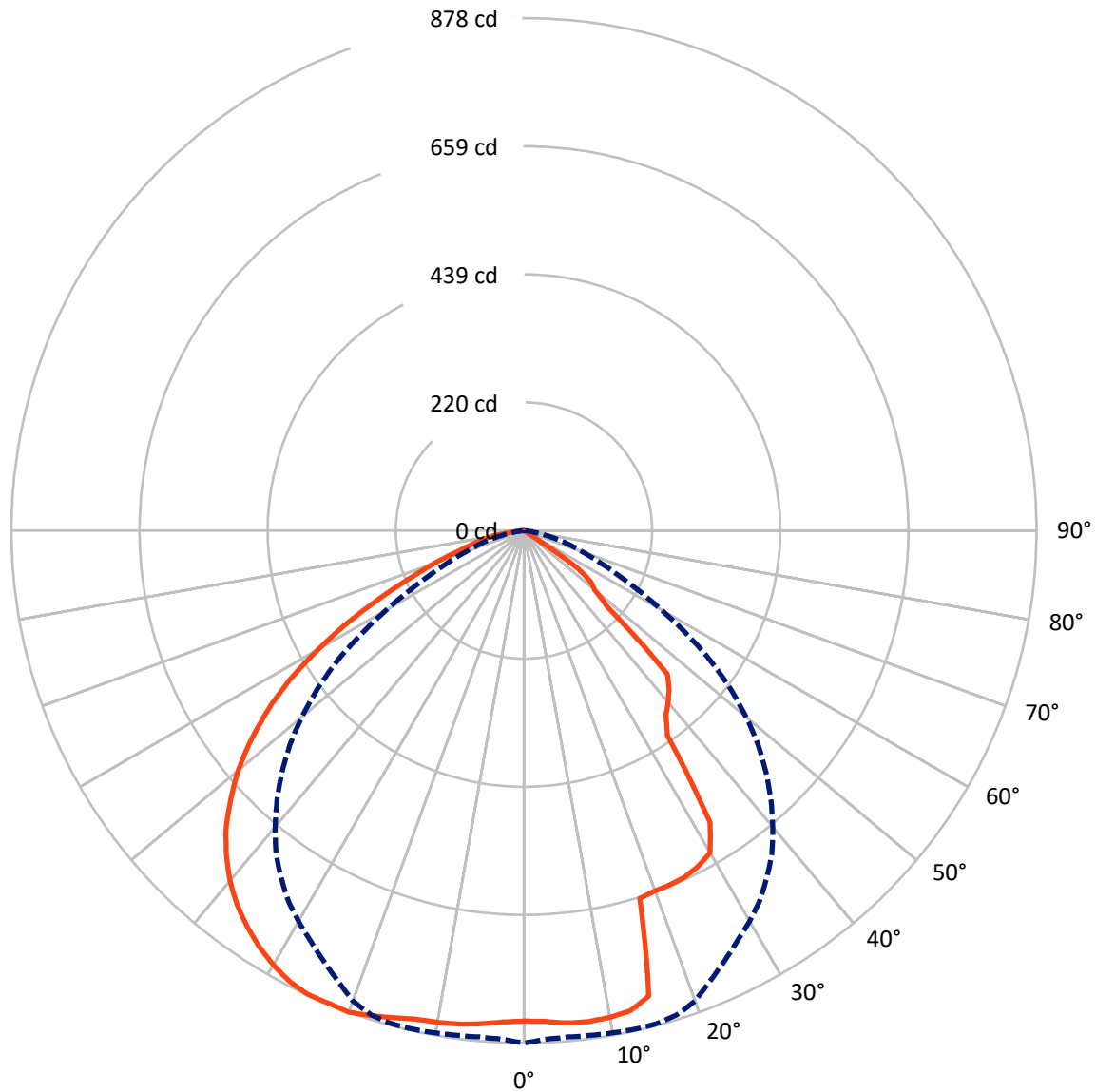
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Lumen Table



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Luminous Intensity Polar Plot

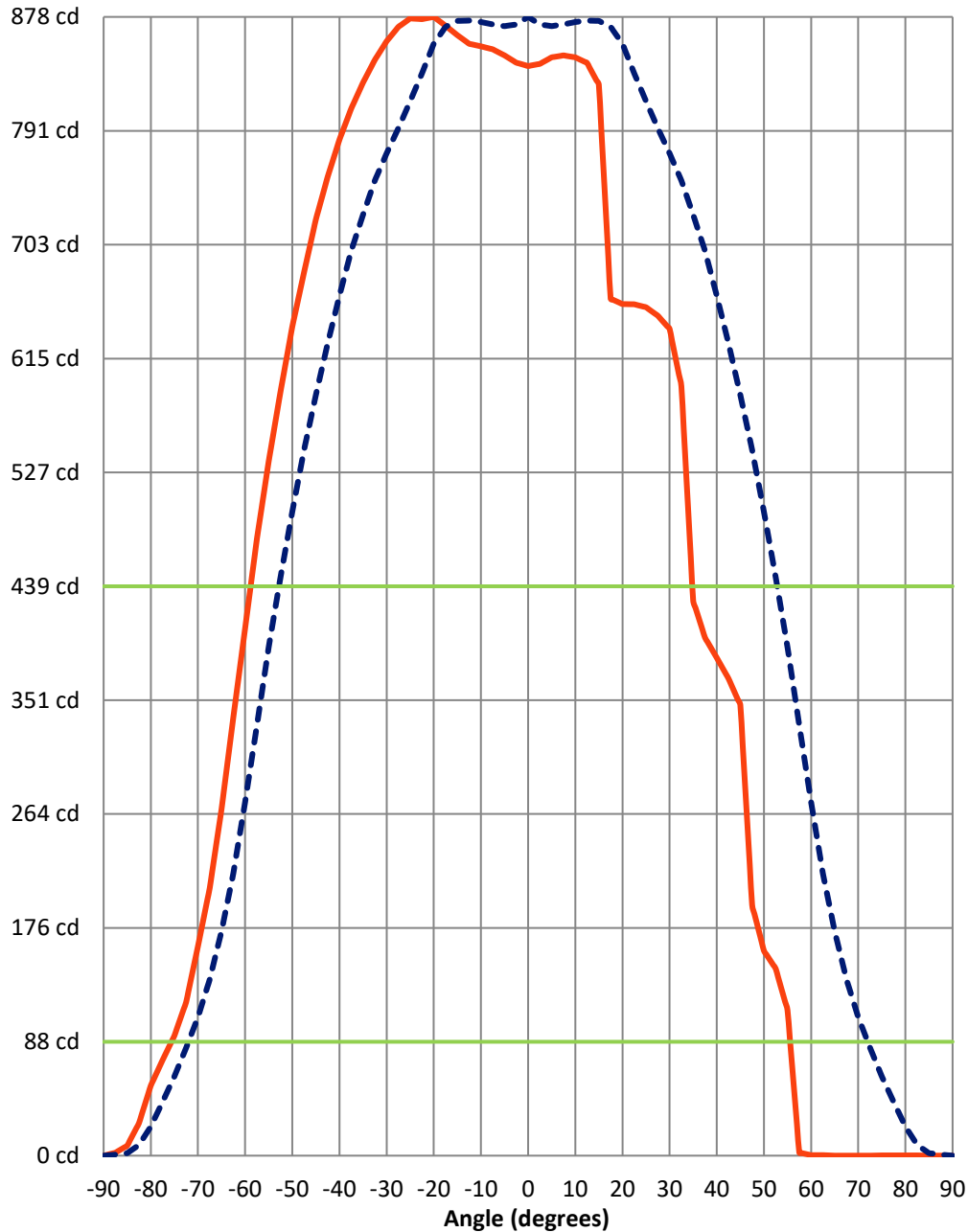


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through -20-Deg



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Luminous Intensity Plot



Beam:
 H Angle: 105.6°
 V Angle: 93.7°
 Lumens: 1610.3
 Efficiency: 78.2%

Field:
 H Angle: 144°
 V Angle: 131.2°
 Lumens: 2018.9
 Efficiency: 98.0%

Spill:
 Lumens: 40.9
 Efficiency: 2.0%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through -20-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	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
85°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
82.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2
80°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.3	0.3	0.2
77.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.2
75°	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.2
72.5°	0.0	0.2	0.2	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2
70°	0.0	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
67.5°	0.0	0.2	0.3	0.4	0.5	0.5	0.5	0.4	0.3	0.4	0.4
65°	0.0	0.2	0.4	0.4	0.5	0.5	0.5	0.4	0.5	0.6	0.8
62.5°	0.0	0.2	0.4	0.5	0.5	0.6	0.6	0.5	0.7	1.0	1.7
60°	0.0	0.3	0.4	0.5	0.5	0.8	0.7	0.7	0.9	2.6	2.9
57.5°	0.0	0.3	0.4	0.5	0.7	0.9	1.3	1.0	2.5	4.4	5.2
55°	0.0	0.3	0.5	0.5	0.8	1.1	2.1	1.6	4.7	6.9	8.3
52.5°	0.0	0.3	0.5	0.5	1.0	1.4	2.9	4.1	7.1	10.7	12.1
50°	0.0	0.3	0.5	0.6	1.2	2.4	4.0	6.9	10.2	15.1	18.9
47.5°	0.0	0.4	0.5	0.6	1.3	3.4	5.3	9.9	14.7	19.8	25.8
45°	0.0	0.4	0.6	0.8	1.5	4.5	8.0	13.0	19.7	25.8	32.5
42.5°	0.0	0.4	0.6	0.9	1.7	5.7	10.8	17.0	24.8	31.6	40.3
40°	0.0	0.4	0.6	1.1	2.3	6.9	13.7	21.5	30.0	37.4	48.6
37.5°	0.0	0.4	0.6	1.3	3.3	8.2	16.5	26.0	35.5	44.3	57.3
35°	0.0	0.4	0.6	1.6	4.3	10.2	19.5	30.4	41.1	52.7	67.5
32.5°	0.0	0.5	0.7	1.8	5.3	12.6	22.7	34.9	46.7	61.3	80.0
30°	0.0	0.5	0.7	2.1	6.3	14.9	26.3	39.4	52.5	69.8	92.0
27.5°	0.0	0.5	0.7	2.4	7.6	17.1	29.8	44.1	58.7	78.4	103.4
25°	0.0	0.5	0.7	2.8	8.8	19.4	33.3	48.8	65.8	87.7	114.3
22.5°	0.0	0.5	0.7	3.1	10.1	21.6	36.7	53.4	72.8	97.0	125.3
20°	0.0	0.5	0.8	3.5	11.4	24.1	40.0	57.8	79.6	105.8	136.1
17.5°	0.0	0.5	0.8	3.8	12.6	26.4	43.2	62.2	86.1	114.0	146.5
15°	0.0	0.6	0.8	4.2	13.8	28.7	46.3	66.3	92.4	121.7	156.5
12.5°	0.0	0.6	0.8	4.6	15.0	30.9	49.2	69.9	97.4	128.8	166.0
10°	0.0	0.6	0.8	4.9	16.1	32.9	51.9	73.2	101.2	133.0	173.8
7.5°	0.0	0.6	0.9	5.3	17.2	34.8	54.3	76.2	104.3	136.3	178.3
5°	0.0	0.6	0.9	5.6	18.2	36.6	56.6	79.0	107.0	139.0	182.0
2.5°	0.0	0.6	0.9	5.9	19.1	38.2	58.6	81.4	109.1	141.0	184.9
0°	0.0	0.6	0.9	6.2	19.9	39.6	60.4	83.5	110.8	142.5	186.8
-2.5°	0.0	0.6	1.0	6.6	20.7	40.5	61.3	84.7	111.4	144.4	188.1
-5°	0.0	0.7	1.2	7.0	21.3	41.2	61.9	85.6	111.6	145.6	188.5
-7.5°	0.0	0.7	1.3	7.3	21.8	41.7	62.3	86.2	111.5	146.1	188.0
-10°	0.0	0.7	1.5	7.6	22.2	42.1	62.5	86.4	111.0	145.8	186.8
-12.5°	0.0	0.7	1.6	7.8	22.5	42.2	62.5	86.2	110.2	144.6	184.8
-15°	0.0	0.8	1.7	8.0	22.6	42.1	62.3	85.7	109.4	142.3	181.8
-17.5°	0.0	0.8	1.8	8.2	22.6	41.9	61.8	84.7	108.3	139.4	178.0
-20°	0.0	0.8	2.0	8.3	22.4	41.4	61.1	83.2	106.8	136.0	173.2

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	0.8	2.0	8.3	22.1	40.8	60.1	81.4	104.8	132.1	167.5
-25°	0.0	0.8	2.1	8.2	21.7	39.8	58.8	79.4	102.4	127.6	160.9
-27.5°	0.0	0.8	2.2	8.1	21.0	38.6	57.3	77.0	99.5	123.3	155.1
-30°	0.0	0.8	2.3	8.0	20.2	37.2	55.6	74.4	96.4	119.7	148.9
-32.5°	0.0	0.8	2.3	7.7	19.3	35.6	53.6	72.0	93.0	115.5	142.2
-35°	0.0	0.8	2.3	7.4	18.3	33.9	51.5	69.5	89.3	110.8	135.2
-37.5°	0.0	0.8	2.4	7.1	17.2	32.2	49.2	66.7	85.4	105.5	128.2
-40°	0.0	0.8	2.4	6.6	16.0	30.6	46.8	63.6	81.2	100.5	121.4
-42.5°	0.0	0.8	2.4	6.1	15.0	29.0	44.1	60.3	77.2	95.2	114.0
-45°	0.0	0.8	2.3	5.6	14.4	27.2	41.4	56.8	73.1	89.5	106.3
-47.5°	0.0	0.8	2.3	5.1	13.6	25.3	38.4	53.4	68.7	83.5	99.7
-50°	0.0	0.8	2.3	4.9	12.8	23.3	35.9	49.8	63.9	78.1	92.7
-52.5°	0.0	0.7	2.2	4.8	11.8	21.2	33.5	46.0	59.2	72.5	85.6
-55°	0.0	0.7	2.1	4.7	10.7	19.7	30.9	42.2	54.6	66.8	79.3
-57.5°	0.0	0.7	2.0	4.5	9.5	18.1	28.3	39.2	49.7	61.3	72.8
-60°	0.0	0.6	1.9	4.2	8.3	16.3	25.6	35.8	44.9	55.7	66.4
-62.5°	0.0	0.6	1.8	3.9	7.7	14.4	23.1	32.2	40.5	49.9	60.0
-65°	0.0	0.5	1.7	3.6	7.0	12.4	20.5	28.4	35.7	44.2	53.5
-67.5°	0.0	0.5	1.5	3.2	6.3	10.7	17.6	24.6	30.8	38.2	46.5
-70°	0.0	0.4	1.4	2.8	5.5	9.4	14.7	20.8	26.3	31.9	39.1
-72.5°	0.0	0.4	1.2	2.5	4.6	8.0	12.4	16.8	21.8	26.7	31.8
-75°	0.0	0.3	1.1	2.1	3.7	6.4	10.2	13.6	17.1	21.5	25.9
-77.5°	0.0	0.3	0.9	1.8	3.0	4.8	7.8	10.5	13.3	16.4	19.9
-80°	0.0	0.2	0.7	1.5	2.5	3.7	5.3	7.4	9.5	11.9	14.5
-82.5°	0.0	0.2	0.5	1.1	1.9	2.8	3.9	4.7	5.7	7.4	9.2
-85°	0.0	0.1	0.4	0.7	1.2	1.9	2.6	3.2	3.7	4.3	4.9
-87.5°	0.0	0.1	0.2	0.4	0.6	0.9	1.3	1.6	1.9	2.2	2.4
-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: P645305 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-750-U-LAM-VSR-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°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
85°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
82.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
80°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
77.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
75°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
72.5°	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
70°	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
67.5°	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
65°	0.4	0.3	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3
62.5°	0.6	0.7	0.9	1.6	1.2	0.4	0.6	0.8	0.6	0.5	0.5
60°	1.9	1.3	3.7	5.3	3.3	1.2	1.5	4.9	4.3	0.8	2.7
57.5°	3.9	5.3	9.7	9.9	6.9	4.8	13.8	15.9	12.1	7.1	10.8
55°	8.5	13.0	16.1	14.9	16.3	24.7	29.3	26.4	22.2	34.2	43.7
52.5°	16.6	21.2	22.2	25.6	36.6	42.0	40.3	43.1	55.9	69.4	72.3
50°	24.4	28.2	31.2	45.1	53.8	54.3	58.3	71.0	88.0	96.3	94.3
47.5°	32.1	36.0	49.8	63.2	67.0	72.3	82.3	106.8	124.9	125.2	123.2
45°	40.1	50.6	68.3	77.0	83.2	93.5	117.7	151.4	153.2	158.1	188.2
42.5°	48.8	67.2	82.5	91.6	101.7	120.9	153.2	175.3	182.9	204.4	228.6
40°	62.8	83.2	96.5	108.1	121.2	149.2	184.5	205.2	211.5	230.0	248.3
37.5°	76.9	96.5	111.5	125.5	143.6	181.3	222.2	239.3	242.5	245.9	286.3
35°	90.6	110.2	128.1	146.4	168.6	223.0	258.7	274.8	274.3	297.3	339.6
32.5°	103.3	124.1	145.3	169.8	206.5	262.1	297.9	307.6	322.2	355.5	413.2
30°	116.1	139.7	164.1	193.3	239.7	287.9	328.7	344.3	369.3	407.4	449.3
27.5°	129.2	155.7	185.2	219.4	265.9	310.2	345.1	382.1	406.4	440.5	470.4
25°	142.3	172.6	206.0	242.2	284.6	326.0	362.0	404.8	430.9	458.4	486.2
22.5°	156.0	189.8	227.5	260.3	300.4	339.3	382.3	428.6	462.5	480.0	498.7
20°	170.3	208.3	248.6	284.9	316.0	351.7	402.6	458.9	502.7	522.4	524.9
17.5°	184.4	226.3	269.6	308.9	342.5	374.3	423.9	495.2	549.6	567.9	576.0
15°	198.2	243.6	290.5	332.3	369.1	408.0	461.0	533.5	595.7	615.9	628.7
12.5°	211.5	260.1	311.1	354.9	395.8	439.4	494.7	561.0	617.8	657.0	680.5
10°	224.2	275.7	331.0	376.5	422.1	468.5	522.6	581.6	627.8	665.5	698.9
7.5°	230.6	285.9	348.2	397.1	447.8	495.4	545.4	596.0	635.0	672.0	704.2
5°	234.9	290.1	353.5	404.3	461.5	513.3	561.9	605.5	639.7	676.3	707.8
2.5°	238.0	292.8	357.1	408.3	466.6	518.9	566.7	608.7	643.5	679.5	711.7
0°	239.9	294.1	359.0	410.7	469.8	522.5	569.4	609.9	646.1	681.0	715.7
-2.5°	241.0	298.0	360.2	416.9	472.9	525.6	573.3	612.8	650.6	683.8	718.6
-5°	240.8	300.4	359.9	421.1	474.4	526.9	575.2	614.1	653.0	686.0	719.8
-7.5°	239.5	300.9	358.2	422.5	474.4	526.5	574.4	614.7	653.0	687.9	719.9
-10°	237.2	298.8	356.7	419.1	472.6	524.3	571.8	613.4	651.5	687.5	719.3
-12.5°	234.4	294.4	353.6	414.2	468.9	520.3	567.8	609.9	648.7	684.6	717.8
-15°	230.3	288.6	348.5	408.0	463.3	514.5	562.7	604.1	644.3	679.4	713.6
-17.5°	224.8	281.4	341.3	400.6	455.7	506.9	556.1	596.6	636.5	672.8	705.8
-20°	217.8	272.8	331.9	392.2	446.1	496.8	544.4	586.8	626.5	663.4	698.1



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	209.3	262.9	320.6	381.0	434.1	484.2	531.3	574.3	615.4	651.2	688.1
-25°	200.9	252.5	308.1	365.4	420.1	470.0	517.3	559.2	601.2	638.3	673.4
-27.5°	192.7	240.4	293.6	348.2	404.3	454.0	500.8	542.7	583.5	624.1	657.9
-30°	183.6	226.5	277.6	329.8	384.5	435.1	482.3	525.8	564.6	604.7	641.0
-32.5°	173.6	211.7	260.8	311.0	362.6	414.3	461.1	504.3	544.6	582.6	620.6
-35°	163.8	199.7	243.0	290.8	339.4	390.1	436.9	479.7	521.6	559.2	595.5
-37.5°	155.0	186.7	224.1	269.8	316.2	364.2	411.7	453.2	493.1	534.3	569.8
-40°	145.4	172.8	207.7	248.1	291.8	337.5	383.0	425.8	463.4	504.2	543.2
-42.5°	135.4	161.5	191.5	225.2	266.4	309.4	353.4	395.3	434.2	472.8	511.5
-45°	126.7	149.5	175.1	205.8	239.4	279.9	321.5	363.3	400.6	437.4	475.6
-47.5°	117.4	137.4	161.1	185.6	214.8	248.7	287.8	326.3	364.6	399.5	433.4
-50°	108.1	126.6	146.0	168.1	192.2	219.6	252.1	288.0	322.9	358.8	392.3
-52.5°	100.1	115.2	132.8	151.2	171.8	194.5	220.5	249.9	281.8	312.2	345.6
-55°	91.8	105.4	119.6	135.8	153.0	172.1	193.5	218.2	242.4	270.6	297.9
-57.5°	84.2	95.7	107.8	121.2	136.1	151.5	170.1	189.3	211.3	233.2	254.8
-60°	77.1	86.5	96.7	108.1	120.1	133.7	147.6	164.1	181.9	199.3	217.7
-62.5°	69.9	77.8	86.1	95.6	106.0	116.4	128.2	140.9	154.0	168.8	183.2
-65°	62.5	68.9	76.0	83.8	92.1	100.9	110.0	119.5	130.5	141.4	151.9
-67.5°	54.6	60.1	65.8	72.0	79.0	85.9	92.7	100.7	108.9	116.9	125.2
-70°	45.9	51.1	55.9	60.8	66.0	71.4	77.3	83.2	88.9	94.9	101.6
-72.5°	37.1	41.8	46.0	49.7	54.0	58.5	62.8	66.9	71.2	75.8	80.3
-75°	29.6	32.7	36.5	39.9	43.3	46.5	49.3	52.8	56.4	59.7	62.4
-77.5°	23.1	25.9	28.5	30.8	33.5	36.7	39.4	41.8	44.1	46.6	49.3
-80°	16.8	19.2	21.5	23.6	25.2	27.0	29.1	31.5	33.6	35.3	36.8
-82.5°	10.9	12.6	14.3	16.1	16.8	17.3	17.7	18.6	19.9	21.2	22.4
-85°	5.4	5.9	7.0	8.1	8.4	8.7	8.9	9.0	9.4	9.8	10.2
-87.5°	2.7	2.9	3.2	3.4	3.3	3.2	2.9	2.7	2.6	2.5	2.4
-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: P645305 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-750-U-LAM-VSR-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°	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0
85°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
82.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
80°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
77.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
75°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
72.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
70°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
67.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1
65°	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.1
62.5°	0.5	0.6	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4
60°	3.0	1.8	1.0	1.2	1.1	0.7	0.9	1.1	1.1	1.0	0.9
57.5°	16.3	12.2	9.0	21.5	21.6	10.3	12.4	19.5	16.1	5.3	4.9
55°	45.4	54.2	71.3	67.8	68.9	79.3	86.6	76.6	75.1	80.0	92.5
52.5°	81.5	89.9	95.7	101.1	107.7	114.7	122.0	126.6	131.0	135.6	138.3
50°	104.1	116.0	124.2	121.2	138.2	145.1	138.1	144.4	152.1	154.2	155.2
47.5°	153.6	171.1	174.6	185.9	196.0	195.8	187.2	187.7	210.6	230.8	240.7
45°	220.8	221.4	232.4	252.3	266.6	262.1	274.1	301.4	310.5	319.3	326.5
42.5°	247.0	257.8	275.4	293.0	303.6	312.8	321.7	331.7	343.5	353.1	360.8
40°	272.3	281.0	299.0	313.2	322.0	330.6	341.0	352.1	362.9	371.3	377.1
37.5°	311.3	318.1	322.4	335.6	352.2	344.5	364.2	378.4	384.8	393.3	394.1
35°	370.3	365.8	359.9	412.4	415.5	397.8	416.2	438.1	426.6	450.5	463.4
32.5°	422.6	421.9	467.7	495.2	479.3	492.3	534.7	532.8	561.1	574.2	570.5
30°	471.8	488.6	515.1	535.6	538.4	558.8	577.7	594.1	611.2	626.5	627.6
27.5°	496.8	518.8	536.7	548.6	561.9	579.1	596.2	614.7	629.3	638.9	641.2
25°	512.0	534.4	548.0	560.8	575.4	590.3	609.4	629.6	641.3	647.2	649.1
22.5°	525.3	545.4	560.0	570.5	586.2	602.1	620.0	637.1	649.8	652.4	653.3
20°	538.1	557.5	581.9	597.2	596.4	614.4	631.6	645.2	655.8	655.7	656.0
17.5°	575.3	582.2	626.5	660.2	643.5	634.7	682.0	682.9	685.8	680.2	668.0
15°	630.3	642.8	697.3	733.8	722.3	721.7	790.0	773.1	787.7	783.8	800.2
12.5°	688.5	703.4	744.1	779.9	797.0	801.2	824.0	845.4	849.8	848.1	844.9
10°	728.2	749.4	765.8	787.5	804.7	822.3	835.5	850.9	855.9	853.0	848.9
7.5°	733.4	754.4	773.5	792.6	809.0	823.2	836.9	849.4	854.5	852.8	850.0
5°	736.7	755.7	774.3	793.7	809.3	822.4	836.1	848.8	851.8	849.7	847.0
2.5°	738.7	756.3	774.2	793.5	807.7	820.2	834.0	847.6	847.5	846.7	845.0
0°	739.7	757.3	778.1	795.6	811.5	823.3	837.0	850.2	849.2	846.8	844.0
-2.5°	741.8	759.7	780.9	795.4	813.4	824.1	838.3	849.7	849.2	848.0	846.7
-5°	743.6	763.8	783.7	798.9	816.9	831.0	845.1	854.0	854.4	852.8	850.4
-7.5°	744.8	767.1	786.1	801.3	818.8	835.3	849.5	858.9	859.1	856.9	854.0
-10°	744.4	767.9	787.5	803.2	821.1	837.4	852.3	864.2	863.7	861.6	859.2
-12.5°	743.0	766.5	786.6	802.4	822.7	839.4	856.2	868.0	868.6	867.0	864.4
-15°	739.9	764.2	783.7	800.9	820.8	840.4	857.7	870.7	873.0	871.7	869.6
-17.5°	733.9	759.4	780.1	798.7	817.8	838.7	858.3	872.5	875.7	875.1	873.5
-20°	725.8	752.2	773.2	792.7	813.5	835.0	857.8	870.8	875.4	875.7	874.5

Classified

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

Scaled Data Report



REPORT NUMBER: P645305 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1A-750-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	716.8	742.7	764.9	784.1	806.7	828.4	849.1	864.3	872.0	873.4	873.5
-25°	706.0	732.6	754.7	775.1	796.1	818.5	839.4	856.4	864.2	867.9	869.1
-27.5°	690.7	718.2	740.0	761.6	782.9	806.1	828.0	846.5	852.8	857.9	860.0
-30°	672.8	700.0	722.2	742.0	766.4	790.0	812.7	828.8	838.3	844.2	847.4
-32.5°	652.3	679.7	703.0	723.7	746.8	770.5	791.8	808.8	822.0	828.7	832.2
-35°	630.0	658.0	682.4	704.1	726.0	748.5	770.5	788.3	803.4	809.2	813.5
-37.5°	603.1	634.0	659.0	681.4	702.2	723.4	746.3	766.6	781.3	786.9	791.5
-40°	575.5	605.4	630.6	654.5	675.0	698.2	720.3	741.5	754.2	760.9	766.0
-42.5°	546.4	573.4	597.4	620.6	643.4	667.2	689.4	711.5	722.5	730.4	736.8
-45°	512.8	537.9	561.2	582.9	606.5	629.9	652.0	671.6	684.7	695.0	703.1
-47.5°	468.1	498.6	522.0	542.7	566.0	588.6	610.0	628.4	642.7	654.8	664.2
-50°	422.5	451.9	478.2	501.5	523.1	544.0	564.5	582.4	597.6	610.7	620.2
-52.5°	377.7	405.2	431.4	455.3	476.2	495.9	514.6	532.7	548.6	562.7	571.8
-55°	327.1	355.6	381.5	403.8	424.6	444.1	462.6	479.7	495.5	509.7	518.5
-57.5°	279.6	304.6	328.7	349.3	369.0	387.5	405.0	421.4	436.6	450.0	458.5
-60°	236.0	254.2	274.9	294.0	311.4	327.2	343.5	358.8	372.7	384.5	392.4
-62.5°	197.4	212.5	227.5	241.9	256.1	270.2	283.9	296.6	308.2	317.9	324.8
-65°	163.0	175.1	186.0	196.2	206.0	217.2	227.6	237.4	246.4	253.8	259.1
-67.5°	134.2	142.7	150.2	157.2	165.0	172.9	180.3	186.8	192.3	196.7	200.2
-70°	108.2	114.5	120.2	125.8	131.4	136.5	141.4	146.2	150.7	154.4	157.2
-72.5°	84.8	89.1	92.9	97.2	101.3	105.2	108.6	111.3	113.4	115.5	117.3
-75°	64.6	67.8	72.2	75.8	78.9	81.5	84.0	86.2	88.1	89.8	91.3
-77.5°	52.0	54.7	57.5	60.1	62.7	64.6	66.4	68.2	70.0	71.5	72.8
-80°	38.5	40.5	42.7	44.8	47.0	48.1	48.9	49.7	50.4	51.3	52.1
-82.5°	23.5	24.7	25.9	27.1	28.3	28.6	28.7	28.7	28.5	28.2	27.7
-85°	10.5	10.5	10.5	10.4	10.2	9.8	9.3	8.7	8.0	7.9	7.8
-87.5°	2.3	2.3	2.2	2.2	2.1	2.1	2.1	2.1	2.0	2.1	2.2
-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: P645305 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-750-U-LAM-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2
82.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
80°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
77.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
75°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
72.5°	0.2	0.2	0.1	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.2
70°	0.2	0.2	0.1	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.2
67.5°	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2
65°	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2
62.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4
60°	0.7	0.5	0.4	0.4	0.4	0.5	0.7	0.9	1.0	1.1	1.1
57.5°	4.1	3.1	2.6	2.4	2.6	3.1	4.1	4.9	5.3	16.1	19.5
55°	101.4	106.5	110.4	112.2	110.4	106.5	101.4	92.5	80.0	75.1	76.6
52.5°	140.7	143.0	144.3	144.2	144.3	143.0	140.7	138.3	135.6	131.0	126.6
50°	156.9	158.0	158.4	158.1	158.4	158.0	156.9	155.2	154.2	152.1	144.4
47.5°	231.7	211.6	196.9	193.4	196.9	211.6	231.7	240.7	230.8	210.6	187.7
45°	330.0	337.6	345.1	347.5	345.1	337.6	330.0	326.5	319.3	310.5	301.4
42.5°	364.0	366.5	367.9	368.0	367.9	366.5	364.0	360.8	353.1	343.5	331.7
40°	380.3	382.6	384.0	384.1	384.0	382.6	380.3	377.1	371.3	362.9	352.1
37.5°	395.0	397.0	398.3	399.7	398.3	397.0	395.0	394.1	393.3	384.8	378.4
35°	461.7	446.6	424.9	428.2	424.9	446.6	461.7	463.4	450.5	426.6	438.1
32.5°	576.4	582.7	586.7	593.4	586.7	582.7	576.4	570.5	574.2	561.1	532.8
30°	629.3	631.4	634.5	637.8	634.5	631.4	629.3	627.6	626.5	611.2	594.1
27.5°	642.4	644.6	646.5	648.0	646.5	644.6	642.4	641.2	638.9	629.3	614.7
25°	649.3	650.7	652.7	654.5	652.7	650.7	649.3	649.1	647.2	641.3	629.6
22.5°	652.8	652.9	654.5	656.8	654.5	652.9	652.8	653.3	652.4	649.8	637.1
20°	655.1	653.9	655.5	657.0	655.5	653.9	655.1	656.0	655.7	655.8	645.2
17.5°	685.1	668.0	661.0	661.1	661.0	668.0	685.1	668.0	680.2	685.8	682.9
15°	781.8	788.2	812.9	826.1	812.9	788.2	781.8	800.2	783.8	787.7	773.1
12.5°	844.3	842.0	839.1	843.0	839.1	842.0	844.3	844.9	848.1	849.8	845.4
10°	847.2	846.9	841.7	847.3	841.7	846.9	847.2	848.9	853.0	855.9	850.9
7.5°	845.4	845.5	843.3	848.8	843.3	845.5	845.4	850.0	852.8	854.5	849.4
5°	846.6	842.7	844.2	847.3	844.2	842.7	846.6	847.0	849.7	851.8	848.8
2.5°	843.3	842.9	840.1	842.3	840.1	842.9	843.3	845.0	846.7	847.5	847.6
0°	840.8	838.7	838.7	840.6	838.7	838.7	840.8	844.0	846.8	849.2	850.2
-2.5°	845.2	844.8	844.5	843.2	844.5	844.8	845.2	846.7	848.0	849.2	849.7
-5°	848.8	847.8	844.7	848.8	844.7	847.8	848.8	850.4	852.8	854.4	854.0
-7.5°	852.8	849.9	847.0	853.5	847.0	849.9	852.8	854.0	856.9	859.1	858.9
-10°	856.3	852.2	849.4	855.8	849.4	852.2	856.3	859.2	861.6	863.7	864.2
-12.5°	861.1	856.3	854.4	857.8	854.4	856.3	861.1	864.4	867.0	868.6	868.0
-15°	866.2	862.8	862.4	864.4	862.4	862.8	866.2	869.6	871.7	873.0	870.7
-17.5°	870.6	868.2	869.4	871.7	869.4	868.2	870.6	873.5	875.1	875.7	872.5
-20°	872.7	871.4	872.7	878.5	872.7	871.4	872.7	874.5	875.7	875.4	870.8

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Scaled Data Report



REPORT NUMBER: P645305 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1A-750-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	872.5	872.6	874.9	876.8	874.9	872.6	872.5	873.5	873.4	872.0	864.3
-25°	869.2	871.0	873.6	877.3	873.6	871.0	869.2	869.1	867.9	864.2	856.4
-27.5°	861.2	864.1	866.8	870.8	866.8	864.1	861.2	860.0	857.9	852.8	846.5
-30°	849.6	853.0	855.5	859.7	855.5	853.0	849.6	847.4	844.2	838.3	828.8
-32.5°	835.4	839.4	842.3	845.3	842.3	839.4	835.4	832.2	828.7	822.0	808.8
-35°	817.7	822.0	825.1	827.8	825.1	822.0	817.7	813.5	809.2	803.4	788.3
-37.5°	796.6	801.1	804.6	807.8	804.6	801.1	796.6	791.5	786.9	781.3	766.6
-40°	771.8	776.5	780.3	783.8	780.3	776.5	771.8	766.0	760.9	754.2	741.5
-42.5°	742.9	747.6	751.5	755.1	751.5	747.6	742.9	736.8	730.4	722.5	711.5
-45°	709.5	714.4	718.5	722.2	718.5	714.4	709.5	703.1	695.0	684.7	671.6
-47.5°	671.1	676.3	679.8	681.5	679.8	676.3	671.1	664.2	654.8	642.7	628.4
-50°	627.0	632.2	636.4	639.5	636.4	632.2	627.0	620.2	610.7	597.6	582.4
-52.5°	578.5	583.5	587.1	589.3	587.1	583.5	578.5	571.8	562.7	548.6	532.7
-55°	525.4	530.6	534.0	535.6	534.0	530.6	525.4	518.5	509.7	495.5	479.7
-57.5°	465.2	470.1	473.7	475.8	473.7	470.1	465.2	458.5	450.0	436.6	421.4
-60°	398.5	402.9	405.7	406.8	405.7	402.9	398.5	392.4	384.5	372.7	358.8
-62.5°	330.4	334.6	337.1	338.1	337.1	334.6	330.4	324.8	317.9	308.2	296.6
-65°	263.0	265.6	267.1	267.3	267.1	265.6	263.0	259.1	253.8	246.4	237.4
-67.5°	202.9	204.9	206.1	206.5	206.1	204.9	202.9	200.2	196.7	192.3	186.8
-70°	159.2	160.6	161.4	161.5	161.4	160.6	159.2	157.2	154.4	150.7	146.2
-72.5°	118.7	119.7	119.3	118.5	119.3	119.7	118.7	117.3	115.5	113.4	111.3
-75°	92.6	93.6	93.2	92.5	93.2	93.6	92.6	91.3	89.8	88.1	86.2
-77.5°	74.0	75.0	74.5	73.7	74.5	75.0	74.0	72.8	71.5	70.0	68.2
-80°	52.8	53.4	53.8	54.0	53.8	53.4	52.8	52.1	51.3	50.4	49.7
-82.5°	27.0	26.2	25.7	25.1	25.7	26.2	27.0	27.7	28.2	28.5	28.7
-85°	7.6	7.5	7.6	7.7	7.6	7.5	7.6	7.8	7.9	8.0	8.7
-87.5°	2.2	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.1	2.0	2.1
-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: P645305 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-750-U-LAM-VSR-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°	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
85°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
82.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
80°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
77.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
75°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
72.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
70°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
67.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
65°	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
62.5°	0.4	0.4	0.4	0.4	0.4	0.6	0.5	0.5	0.5	0.6	0.8
60°	0.9	0.7	1.1	1.2	1.0	1.8	3.0	2.7	0.8	4.3	4.9
57.5°	12.4	10.3	21.6	21.5	9.0	12.2	16.3	10.8	7.1	12.1	15.9
55°	86.6	79.3	68.9	67.8	71.3	54.2	45.4	43.7	34.2	22.2	26.4
52.5°	122.0	114.7	107.7	101.1	95.7	89.9	81.5	72.3	69.4	55.9	43.1
50°	138.1	145.1	138.2	121.2	124.2	116.0	104.1	94.3	96.3	88.0	71.0
47.5°	187.2	195.8	196.0	185.9	174.6	171.1	153.6	123.2	125.2	124.9	106.8
45°	274.1	262.1	266.6	252.3	232.4	221.4	220.8	188.2	158.1	153.2	151.4
42.5°	321.7	312.8	303.6	293.0	275.4	257.8	247.0	228.6	204.4	182.9	175.3
40°	341.0	330.6	322.0	313.2	299.0	281.0	272.3	248.3	230.0	211.5	205.2
37.5°	364.2	344.5	352.2	335.6	322.4	318.1	311.3	286.3	245.9	242.5	239.3
35°	416.2	397.8	415.5	412.4	359.9	365.8	370.3	339.6	297.3	274.3	274.8
32.5°	534.7	492.3	479.3	495.2	467.7	421.9	422.6	413.2	355.5	322.2	307.6
30°	577.7	558.8	538.4	535.6	515.1	488.6	471.8	449.3	407.4	369.3	344.3
27.5°	596.2	579.1	561.9	548.6	536.7	518.8	496.8	470.4	440.5	406.4	382.1
25°	609.4	590.3	575.4	560.8	548.0	534.4	512.0	486.2	458.4	430.9	404.8
22.5°	620.0	602.1	586.2	570.5	560.0	545.4	525.3	498.7	480.0	462.5	428.6
20°	631.6	614.4	596.4	597.2	581.9	557.5	538.1	524.9	522.4	502.7	458.9
17.5°	682.0	634.7	643.5	660.2	626.5	582.2	575.3	576.0	567.9	549.6	495.2
15°	790.0	721.7	722.3	733.8	697.3	642.8	630.3	628.7	615.9	595.7	533.5
12.5°	824.0	801.2	797.0	779.9	744.1	703.4	688.5	680.5	657.0	617.8	561.0
10°	835.5	822.3	804.7	787.5	765.8	749.4	728.2	698.9	665.5	627.8	581.6
7.5°	836.9	823.2	809.0	792.6	773.5	754.4	733.4	704.2	672.0	635.0	596.0
5°	836.1	822.4	809.3	793.7	774.3	755.7	736.7	707.8	676.3	639.7	605.5
2.5°	834.0	820.2	807.7	793.5	774.2	756.3	738.7	711.7	679.5	643.5	608.7
0°	837.0	823.3	811.5	795.6	778.1	757.3	739.7	715.7	681.0	646.1	609.9
-2.5°	838.3	824.1	813.4	795.4	780.9	759.7	741.8	718.6	683.8	650.6	612.8
-5°	845.1	831.0	816.9	798.9	783.7	763.8	743.6	719.8	686.0	653.0	614.1
-7.5°	849.5	835.3	818.8	801.3	786.1	767.1	744.8	719.9	687.9	653.0	614.7
-10°	852.3	837.4	821.1	803.2	787.5	767.9	744.4	719.3	687.5	651.5	613.4
-12.5°	856.2	839.4	822.7	802.4	786.6	766.5	743.0	717.8	684.6	648.7	609.9
-15°	857.7	840.4	820.8	800.9	783.7	764.2	739.9	713.6	679.4	644.3	604.1
-17.5°	858.3	838.7	817.8	798.7	780.1	759.4	733.9	705.8	672.8	636.5	596.6
-20°	857.8	835.0	813.5	792.7	773.2	752.2	725.8	698.1	663.4	626.5	586.8

Classified

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

Scaled Data Report



REPORT NUMBER: P645305 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1A-750-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	849.1	828.4	806.7	784.1	764.9	742.7	716.8	688.1	651.2	615.4	574.3
-25°	839.4	818.5	796.1	775.1	754.7	732.6	706.0	673.4	638.3	601.2	559.2
-27.5°	828.0	806.1	782.9	761.6	740.0	718.2	690.7	657.9	624.1	583.5	542.7
-30°	812.7	790.0	766.4	742.0	722.2	700.0	672.8	641.0	604.7	564.6	525.8
-32.5°	791.8	770.5	746.8	723.7	703.0	679.7	652.3	620.6	582.6	544.6	504.3
-35°	770.5	748.5	726.0	704.1	682.4	658.0	630.0	595.5	559.2	521.6	479.7
-37.5°	746.3	723.4	702.2	681.4	659.0	634.0	603.1	569.8	534.3	493.1	453.2
-40°	720.3	698.2	675.0	654.5	630.6	605.4	575.5	543.2	504.2	463.4	425.8
-42.5°	689.4	667.2	643.4	620.6	597.4	573.4	546.4	511.5	472.8	434.2	395.3
-45°	652.0	629.9	606.5	582.9	561.2	537.9	512.8	475.6	437.4	400.6	363.3
-47.5°	610.0	588.6	566.0	542.7	522.0	498.6	468.1	433.4	399.5	364.6	326.3
-50°	564.5	544.0	523.1	501.5	478.2	451.9	422.5	392.3	358.8	322.9	288.0
-52.5°	514.6	495.9	476.2	455.3	431.4	405.2	377.7	345.6	312.2	281.8	249.9
-55°	462.6	444.1	424.6	403.8	381.5	355.6	327.1	297.9	270.6	242.4	218.2
-57.5°	405.0	387.5	369.0	349.3	328.7	304.6	279.6	254.8	233.2	211.3	189.3
-60°	343.5	327.2	311.4	294.0	274.9	254.2	236.0	217.7	199.3	181.9	164.1
-62.5°	283.9	270.2	256.1	241.9	227.5	212.5	197.4	183.2	168.8	154.0	140.9
-65°	227.6	217.2	206.0	196.2	186.0	175.1	163.0	151.9	141.4	130.5	119.5
-67.5°	180.3	172.9	165.0	157.2	150.2	142.7	134.2	125.2	116.9	108.9	100.7
-70°	141.4	136.5	131.4	125.8	120.2	114.5	108.2	101.6	94.9	88.9	83.2
-72.5°	108.6	105.2	101.3	97.2	92.9	89.1	84.8	80.3	75.8	71.2	66.9
-75°	84.0	81.5	78.9	75.8	72.2	67.8	64.6	62.4	59.7	56.4	52.8
-77.5°	66.4	64.6	62.7	60.1	57.5	54.7	52.0	49.3	46.6	44.1	41.8
-80°	48.9	48.1	47.0	44.8	42.7	40.5	38.5	36.8	35.3	33.6	31.5
-82.5°	28.7	28.6	28.3	27.1	25.9	24.7	23.5	22.4	21.2	19.9	18.6
-85°	9.3	9.8	10.2	10.4	10.5	10.5	10.5	10.2	9.8	9.4	9.0
-87.5°	2.1	2.1	2.1	2.2	2.2	2.3	2.3	2.4	2.5	2.6	2.7
-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: P645305 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-750-U-LAM-VSR-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°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
85°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
82.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3
80°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.4
77.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.4
75°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.4
72.5°	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.3	0.3	0.4
70°	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.4
67.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.4
65°	0.3	0.4	0.4	0.5	0.5	0.3	0.4	0.8	0.6	0.5	0.4
62.5°	0.6	0.4	1.2	1.6	0.9	0.7	0.6	1.7	1.0	0.7	0.5
60°	1.5	1.2	3.3	5.3	3.7	1.3	1.9	2.9	2.6	0.9	0.7
57.5°	13.8	4.8	6.9	9.9	9.7	5.3	3.9	5.2	4.4	2.5	1.0
55°	29.3	24.7	16.3	14.9	16.1	13.0	8.5	8.3	6.9	4.7	1.6
52.5°	40.3	42.0	36.6	25.6	22.2	21.2	16.6	12.1	10.7	7.1	4.1
50°	58.3	54.3	53.8	45.1	31.2	28.2	24.4	18.9	15.1	10.2	6.9
47.5°	82.3	72.3	67.0	63.2	49.8	36.0	32.1	25.8	19.8	14.7	9.9
45°	117.7	93.5	83.2	77.0	68.3	50.6	40.1	32.5	25.8	19.7	13.0
42.5°	153.2	120.9	101.7	91.6	82.5	67.2	48.8	40.3	31.6	24.8	17.0
40°	184.5	149.2	121.2	108.1	96.5	83.2	62.8	48.6	37.4	30.0	21.5
37.5°	222.2	181.3	143.6	125.5	111.5	96.5	76.9	57.3	44.3	35.5	26.0
35°	258.7	223.0	168.6	146.4	128.1	110.2	90.6	67.5	52.7	41.1	30.4
32.5°	297.9	262.1	206.5	169.8	145.3	124.1	103.3	80.0	61.3	46.7	34.9
30°	328.7	287.9	239.7	193.3	164.1	139.7	116.1	92.0	69.8	52.5	39.4
27.5°	345.1	310.2	265.9	219.4	185.2	155.7	129.2	103.4	78.4	58.7	44.1
25°	362.0	326.0	284.6	242.2	206.0	172.6	142.3	114.3	87.7	65.8	48.8
22.5°	382.3	339.3	300.4	260.3	227.5	189.8	156.0	125.3	97.0	72.8	53.4
20°	402.6	351.7	316.0	284.9	248.6	208.3	170.3	136.1	105.8	79.6	57.8
17.5°	423.9	374.3	342.5	308.9	269.6	226.3	184.4	146.5	114.0	86.1	62.2
15°	461.0	408.0	369.1	332.3	290.5	243.6	198.2	156.5	121.7	92.4	66.3
12.5°	494.7	439.4	395.8	354.9	311.1	260.1	211.5	166.0	128.8	97.4	69.9
10°	522.6	468.5	422.1	376.5	331.0	275.7	224.2	173.8	133.0	101.2	73.2
7.5°	545.4	495.4	447.8	397.1	348.2	285.9	230.6	178.3	136.3	104.3	76.2
5°	561.9	513.3	461.5	404.3	353.5	290.1	234.9	182.0	139.0	107.0	79.0
2.5°	566.7	518.9	466.6	408.3	357.1	292.8	238.0	184.9	141.0	109.1	81.4
0°	569.4	522.5	469.8	410.7	359.0	294.1	239.9	186.8	142.5	110.8	83.5
-2.5°	573.3	525.6	472.9	416.9	360.2	298.0	241.0	188.1	144.4	111.4	84.7
-5°	575.2	526.9	474.4	421.1	359.9	300.4	240.8	188.5	145.6	111.6	85.6
-7.5°	574.4	526.5	474.4	422.5	358.2	300.9	239.5	188.0	146.1	111.5	86.2
-10°	571.8	524.3	472.6	419.1	356.7	298.8	237.2	186.8	145.8	111.0	86.4
-12.5°	567.8	520.3	468.9	414.2	353.6	294.4	234.4	184.8	144.6	110.2	86.2
-15°	562.7	514.5	463.3	408.0	348.5	288.6	230.3	181.8	142.3	109.4	85.7
-17.5°	556.1	506.9	455.7	400.6	341.3	281.4	224.8	178.0	139.4	108.3	84.7
-20°	544.4	496.8	446.1	392.2	331.9	272.8	217.8	173.2	136.0	106.8	83.2



REPORT NUMBER: P645305 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-750-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	531.3	484.2	434.1	381.0	320.6	262.9	209.3	167.5	132.1	104.8	81.4
-25°	517.3	470.0	420.1	365.4	308.1	252.5	200.9	160.9	127.6	102.4	79.4
-27.5°	500.8	454.0	404.3	348.2	293.6	240.4	192.7	155.1	123.3	99.5	77.0
-30°	482.3	435.1	384.5	329.8	277.6	226.5	183.6	148.9	119.7	96.4	74.4
-32.5°	461.1	414.3	362.6	311.0	260.8	211.7	173.6	142.2	115.5	93.0	72.0
-35°	436.9	390.1	339.4	290.8	243.0	199.7	163.8	135.2	110.8	89.3	69.5
-37.5°	411.7	364.2	316.2	269.8	224.1	186.7	155.0	128.2	105.5	85.4	66.7
-40°	383.0	337.5	291.8	248.1	207.7	172.8	145.4	121.4	100.5	81.2	63.6
-42.5°	353.4	309.4	266.4	225.2	191.5	161.5	135.4	114.0	95.2	77.2	60.3
-45°	321.5	279.9	239.4	205.8	175.1	149.5	126.7	106.3	89.5	73.1	56.8
-47.5°	287.8	248.7	214.8	185.6	161.1	137.4	117.4	99.7	83.5	68.7	53.4
-50°	252.1	219.6	192.2	168.1	146.0	126.6	108.1	92.7	78.1	63.9	49.8
-52.5°	220.5	194.5	171.8	151.2	132.8	115.2	100.1	85.6	72.5	59.2	46.0
-55°	193.5	172.1	153.0	135.8	119.6	105.4	91.8	79.3	66.8	54.6	42.2
-57.5°	170.1	151.5	136.1	121.2	107.8	95.7	84.2	72.8	61.3	49.7	39.2
-60°	147.6	133.7	120.1	108.1	96.7	86.5	77.1	66.4	55.7	44.9	35.8
-62.5°	128.2	116.4	106.0	95.6	86.1	77.8	69.9	60.0	49.9	40.5	32.2
-65°	110.0	100.9	92.1	83.8	76.0	68.9	62.5	53.5	44.2	35.7	28.4
-67.5°	92.7	85.9	79.0	72.0	65.8	60.1	54.6	46.5	38.2	30.8	24.6
-70°	77.3	71.4	66.0	60.8	55.9	51.1	45.9	39.1	31.9	26.3	20.8
-72.5°	62.8	58.5	54.0	49.7	46.0	41.8	37.1	31.8	26.7	21.8	16.8
-75°	49.3	46.5	43.3	39.9	36.5	32.7	29.6	25.9	21.5	17.1	13.6
-77.5°	39.4	36.7	33.5	30.8	28.5	25.9	23.1	19.9	16.4	13.3	10.5
-80°	29.1	27.0	25.2	23.6	21.5	19.2	16.8	14.5	11.9	9.5	7.4
-82.5°	17.7	17.3	16.8	16.1	14.3	12.6	10.9	9.2	7.4	5.7	4.7
-85°	8.9	8.7	8.4	8.1	7.0	5.9	5.4	4.9	4.3	3.7	3.2
-87.5°	2.9	3.2	3.3	3.4	3.2	2.9	2.7	2.4	2.2	1.9	1.6
-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: P645305 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1A-750-U-LAM-VSR-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°	0.1	0.1	0.1	0.1	0.0	0.0	0.0
85°	0.2	0.2	0.1	0.1	0.1	0.0	0.0
82.5°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
80°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
77.5°	0.4	0.4	0.3	0.3	0.2	0.1	0.0
75°	0.4	0.4	0.4	0.3	0.2	0.1	0.0
72.5°	0.4	0.4	0.4	0.4	0.2	0.2	0.0
70°	0.4	0.4	0.4	0.4	0.3	0.2	0.0
67.5°	0.5	0.5	0.5	0.4	0.3	0.2	0.0
65°	0.5	0.5	0.5	0.4	0.4	0.2	0.0
62.5°	0.6	0.6	0.5	0.5	0.4	0.2	0.0
60°	0.7	0.8	0.5	0.5	0.4	0.3	0.0
57.5°	1.3	0.9	0.7	0.5	0.4	0.3	0.0
55°	2.1	1.1	0.8	0.5	0.5	0.3	0.0
52.5°	2.9	1.4	1.0	0.5	0.5	0.3	0.0
50°	4.0	2.4	1.2	0.6	0.5	0.3	0.0
47.5°	5.3	3.4	1.3	0.6	0.5	0.4	0.0
45°	8.0	4.5	1.5	0.8	0.6	0.4	0.0
42.5°	10.8	5.7	1.7	0.9	0.6	0.4	0.0
40°	13.7	6.9	2.3	1.1	0.6	0.4	0.0
37.5°	16.5	8.2	3.3	1.3	0.6	0.4	0.0
35°	19.5	10.2	4.3	1.6	0.6	0.4	0.0
32.5°	22.7	12.6	5.3	1.8	0.7	0.5	0.0
30°	26.3	14.9	6.3	2.1	0.7	0.5	0.0
27.5°	29.8	17.1	7.6	2.4	0.7	0.5	0.0
25°	33.3	19.4	8.8	2.8	0.7	0.5	0.0
22.5°	36.7	21.6	10.1	3.1	0.7	0.5	0.0
20°	40.0	24.1	11.4	3.5	0.8	0.5	0.0
17.5°	43.2	26.4	12.6	3.8	0.8	0.5	0.0
15°	46.3	28.7	13.8	4.2	0.8	0.6	0.0
12.5°	49.2	30.9	15.0	4.6	0.8	0.6	0.0
10°	51.9	32.9	16.1	4.9	0.8	0.6	0.0
7.5°	54.3	34.8	17.2	5.3	0.9	0.6	0.0
5°	56.6	36.6	18.2	5.6	0.9	0.6	0.0
2.5°	58.6	38.2	19.1	5.9	0.9	0.6	0.0
0°	60.4	39.6	19.9	6.2	0.9	0.6	0.0
-2.5°	61.3	40.5	20.7	6.6	1.0	0.6	0.0
-5°	61.9	41.2	21.3	7.0	1.2	0.7	0.0
-7.5°	62.3	41.7	21.8	7.3	1.3	0.7	0.0
-10°	62.5	42.1	22.2	7.6	1.5	0.7	0.0
-12.5°	62.5	42.2	22.5	7.8	1.6	0.7	0.0
-15°	62.3	42.1	22.6	8.0	1.7	0.8	0.0
-17.5°	61.8	41.9	22.6	8.2	1.8	0.8	0.0
-20°	61.1	41.4	22.4	8.3	2.0	0.8	0.0

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CATALOG NUMBER: GFLD-SA1A-750-U-LAM-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	60.1	40.8	22.1	8.3	2.0	0.8	0.0
-25°	58.8	39.8	21.7	8.2	2.1	0.8	0.0
-27.5°	57.3	38.6	21.0	8.1	2.2	0.8	0.0
-30°	55.6	37.2	20.2	8.0	2.3	0.8	0.0
-32.5°	53.6	35.6	19.3	7.7	2.3	0.8	0.0
-35°	51.5	33.9	18.3	7.4	2.3	0.8	0.0
-37.5°	49.2	32.2	17.2	7.1	2.4	0.8	0.0
-40°	46.8	30.6	16.0	6.6	2.4	0.8	0.0
-42.5°	44.1	29.0	15.0	6.1	2.4	0.8	0.0
-45°	41.4	27.2	14.4	5.6	2.3	0.8	0.0
-47.5°	38.4	25.3	13.6	5.1	2.3	0.8	0.0
-50°	35.9	23.3	12.8	4.9	2.3	0.8	0.0
-52.5°	33.5	21.2	11.8	4.8	2.2	0.7	0.0
-55°	30.9	19.7	10.7	4.7	2.1	0.7	0.0
-57.5°	28.3	18.1	9.5	4.5	2.0	0.7	0.0
-60°	25.6	16.3	8.3	4.2	1.9	0.6	0.0
-62.5°	23.1	14.4	7.7	3.9	1.8	0.6	0.0
-65°	20.5	12.4	7.0	3.6	1.7	0.5	0.0
-67.5°	17.6	10.7	6.3	3.2	1.5	0.5	0.0
-70°	14.7	9.4	5.5	2.8	1.4	0.4	0.0
-72.5°	12.4	8.0	4.6	2.5	1.2	0.4	0.0
-75°	10.2	6.4	3.7	2.1	1.1	0.3	0.0
-77.5°	7.8	4.8	3.0	1.8	0.9	0.3	0.0
-80°	5.3	3.7	2.5	1.5	0.7	0.2	0.0
-82.5°	3.9	2.8	1.9	1.1	0.5	0.2	0.0
-85°	2.6	1.9	1.2	0.7	0.4	0.1	0.0
-87.5°	1.3	0.9	0.6	0.4	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)