

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: P626642 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-750-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626642 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1B-750-U-WR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (16) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

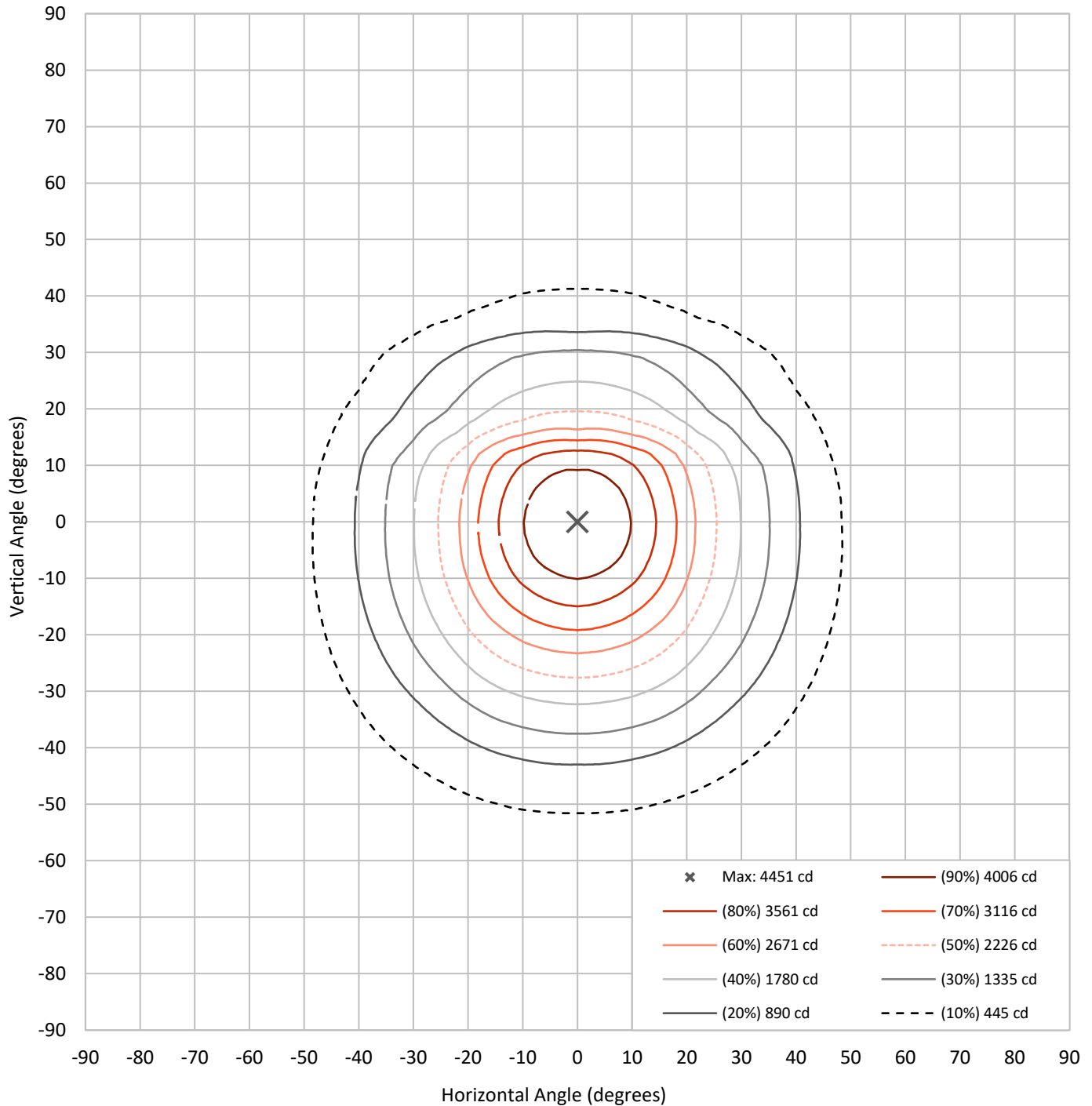
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	3926.7 lumens	Max Intensity:	4451 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	117.2 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	50.9°H x 47.1°V	Field Angle (10%):	96.7°H x 92.9°V
Beam Lumens:	1890.5 lumens	Field Lumens:	3515.8 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
Input Watts (W):	33.5		
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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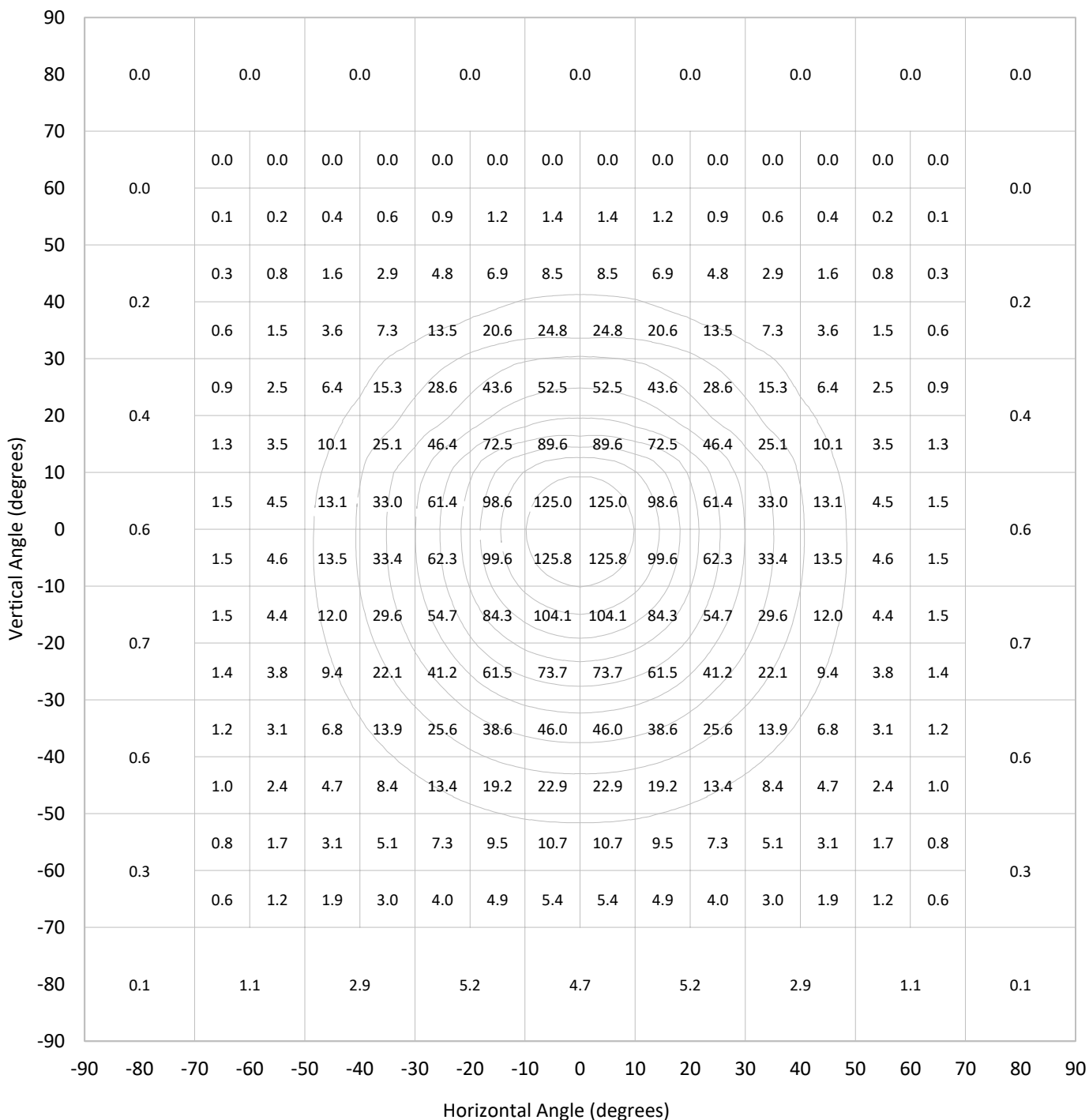
Iso-Candela Plot





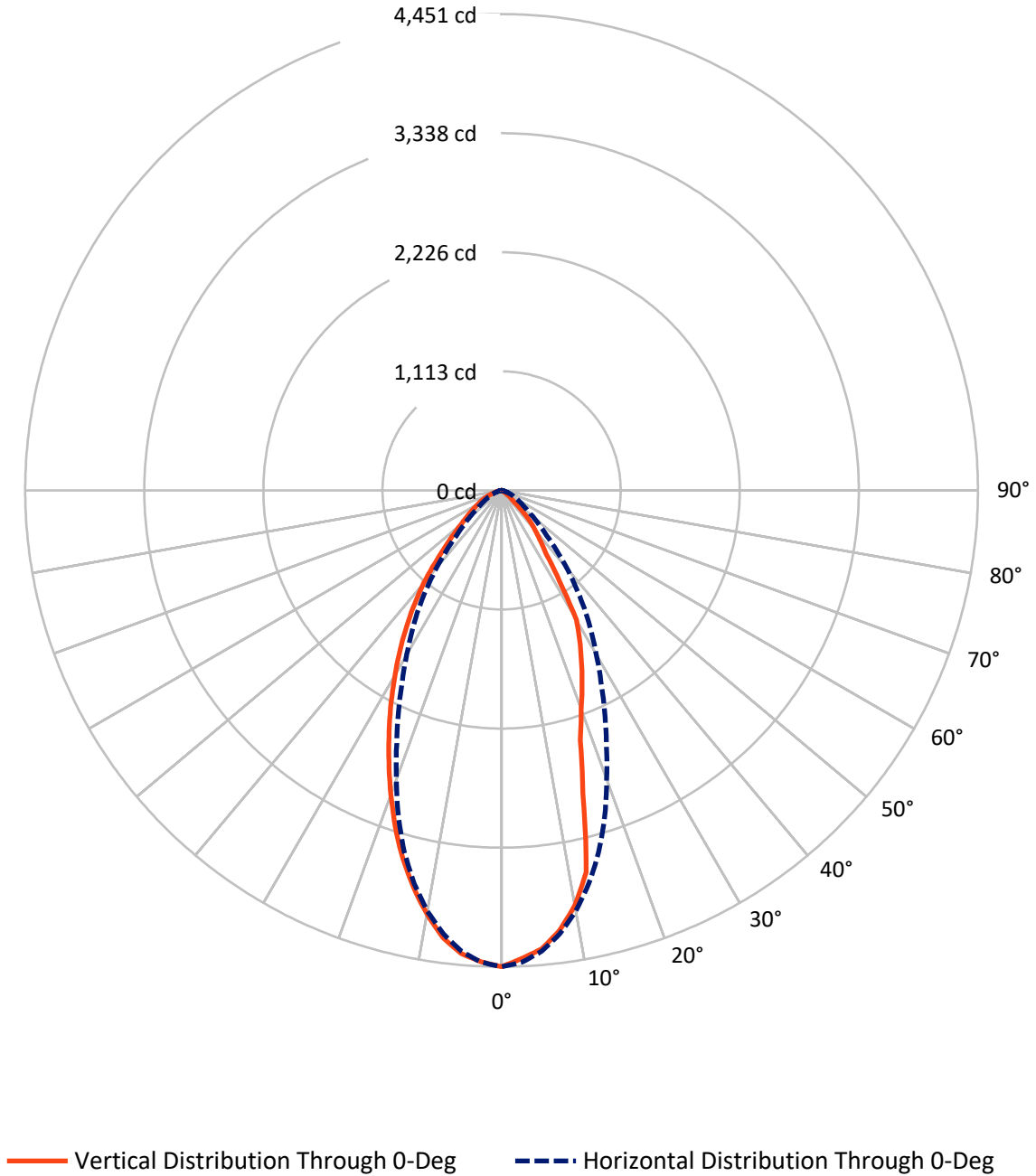
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Lumen Table



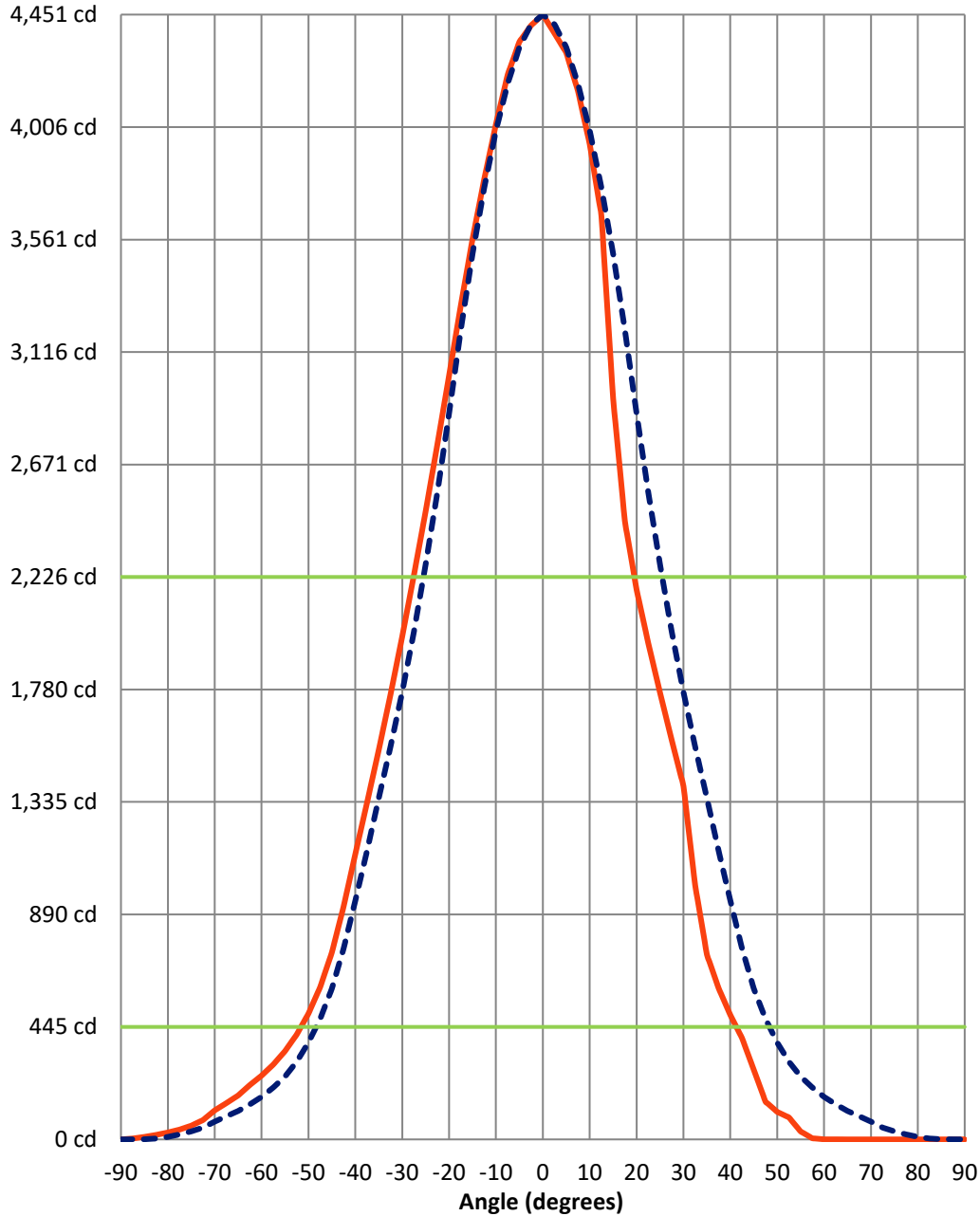
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 1890.5
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 3515.8
 Efficiency: 89.5%

Spill:
 Lumens: 411
 Efficiency: 10.5%

— 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	0.0	0.0	0.0	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	0.1	0.2	0.2	0.2	0.2	0.3
82.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3
80°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
77.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
75°	0.0	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
72.5°	0.0	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
70°	0.0	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
67.5°	0.0	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4
65°	0.0	0.1	0.3	0.3	0.3	0.3	0.4	0.3	0.5	0.5	0.6
62.5°	0.0	0.1	0.3	0.3	0.3	0.4	0.4	0.4	0.6	0.9	1.3
60°	0.0	0.1	0.3	0.3	0.3	0.5	0.5	0.6	0.8	2.1	2.3
57.5°	0.0	0.2	0.3	0.3	0.4	0.6	0.9	0.8	2.1	3.5	3.9
55°	0.0	0.2	0.3	0.3	0.5	0.7	1.3	1.3	3.8	5.3	6.1
52.5°	0.0	0.2	0.3	0.3	0.6	0.9	1.9	3.0	5.7	7.9	8.6
50°	0.0	0.2	0.3	0.3	0.7	1.4	2.5	5.0	7.9	10.8	13.1
47.5°	0.0	0.2	0.3	0.3	0.8	2.0	3.3	6.9	10.9	14.0	17.8
45°	0.0	0.2	0.3	0.4	0.9	2.7	5.0	8.9	13.9	18.1	22.3
42.5°	0.0	0.2	0.3	0.5	1.1	3.3	6.7	11.2	16.8	22.2	27.5
40°	0.0	0.2	0.4	0.6	1.4	4.0	8.4	13.8	19.9	26.2	32.8
37.5°	0.0	0.2	0.4	0.8	2.0	4.8	10.1	16.4	23.3	30.3	38.2
35°	0.0	0.2	0.4	0.9	2.5	5.9	11.8	18.9	26.6	35.1	44.2
32.5°	0.0	0.3	0.4	1.1	3.1	7.2	13.5	21.3	30.0	40.1	50.8
30°	0.0	0.3	0.4	1.2	3.6	8.5	15.5	23.8	33.3	45.3	57.6
27.5°	0.0	0.3	0.4	1.4	4.3	9.8	17.4	26.5	37.0	50.5	64.3
25°	0.0	0.3	0.4	1.6	4.9	11.0	19.3	29.2	41.2	56.0	71.1
22.5°	0.0	0.3	0.5	1.8	5.5	12.2	21.1	31.8	45.4	61.6	77.9
20°	0.0	0.3	0.5	2.0	6.1	13.3	22.8	34.3	49.6	67.1	84.4
17.5°	0.0	0.3	0.5	2.2	6.7	14.4	24.3	36.8	53.6	72.4	90.6
15°	0.0	0.3	0.5	2.4	7.3	15.4	25.8	38.9	57.4	77.6	96.4
12.5°	0.0	0.3	0.5	2.6	7.8	16.3	27.1	40.7	60.7	82.5	101.9
10°	0.0	0.3	0.5	2.8	8.3	17.2	28.3	42.3	63.2	85.4	106.2
7.5°	0.0	0.3	0.6	3.0	8.8	17.9	29.4	43.7	65.5	87.6	108.4
5°	0.0	0.3	0.6	3.2	9.2	18.6	30.3	44.9	67.5	89.3	110.2
2.5°	0.0	0.3	0.6	3.3	9.6	19.2	31.1	45.9	69.1	90.7	111.6
0°	0.0	0.3	0.6	3.5	9.9	19.7	31.8	46.7	70.3	91.6	112.5
-2.5°	0.0	0.3	0.7	3.7	10.4	20.3	32.7	48.1	71.7	92.9	114.0
-5°	0.0	0.3	0.8	3.9	10.7	20.9	33.4	49.2	72.6	93.9	115.1
-7.5°	0.0	0.4	0.9	4.1	11.1	21.3	33.9	50.1	73.3	94.4	115.7
-10°	0.0	0.4	1.0	4.3	11.4	21.6	34.4	50.7	73.5	94.7	115.9
-12.5°	0.0	0.4	1.1	4.4	11.6	21.8	34.6	51.1	73.4	94.5	115.4
-15°	0.0	0.4	1.2	4.5	11.7	21.9	34.7	51.2	72.9	93.7	114.3
-17.5°	0.0	0.4	1.2	4.6	11.8	21.9	34.6	51.1	72.0	92.6	112.7
-20°	0.0	0.4	1.3	4.7	11.7	21.8	34.5	50.8	70.8	91.2	110.8

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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	0.5	1.4	4.7	11.7	21.6	34.5	50.4	69.4	89.5	108.4
-25°	0.0	0.5	1.4	4.7	11.5	21.5	34.4	49.7	67.8	87.6	105.5
-27.5°	0.0	0.5	1.5	4.7	11.2	21.4	34.0	48.8	66.1	85.4	102.9
-30°	0.0	0.5	1.5	4.6	10.9	21.2	33.5	47.7	64.5	82.9	100.1
-32.5°	0.0	0.5	1.5	4.5	10.7	20.8	32.9	46.8	63.0	80.3	97.1
-35°	0.0	0.5	1.5	4.4	10.5	20.3	32.2	45.9	61.2	77.6	93.9
-37.5°	0.0	0.5	1.5	4.2	10.2	19.8	31.5	44.7	59.3	74.9	90.2
-40°	0.0	0.5	1.5	4.0	9.8	19.3	30.6	43.3	57.1	72.3	86.1
-42.5°	0.0	0.5	1.5	3.8	9.5	18.7	29.5	41.7	55.2	69.0	81.9
-45°	0.0	0.5	1.5	3.7	9.3	17.9	28.2	40.1	53.1	65.5	77.4
-47.5°	0.0	0.5	1.5	3.5	9.0	17.1	26.8	38.4	50.8	61.8	73.3
-50°	0.0	0.4	1.4	3.4	8.7	16.1	25.6	36.5	47.8	58.4	69.1
-52.5°	0.0	0.4	1.4	3.4	8.2	15.0	24.2	34.4	44.9	54.9	64.9
-55°	0.0	0.4	1.3	3.3	7.6	14.2	22.7	32.2	41.8	51.2	60.8
-57.5°	0.0	0.4	1.2	3.2	7.0	13.2	21.1	30.2	38.6	47.5	56.6
-60°	0.0	0.4	1.2	3.0	6.3	12.1	19.3	27.8	35.3	43.7	52.3
-62.5°	0.0	0.3	1.1	2.8	5.8	10.9	17.7	25.1	32.0	39.8	47.8
-65°	0.0	0.3	1.0	2.5	5.3	9.6	15.8	22.3	28.5	35.6	43.2
-67.5°	0.0	0.3	0.9	2.3	4.8	8.4	13.8	19.5	24.9	31.1	38.1
-70°	0.0	0.3	0.8	1.9	4.1	7.3	11.6	16.6	21.4	26.5	32.6
-72.5°	0.0	0.2	0.8	1.7	3.5	6.2	9.9	13.6	17.8	22.3	27.0
-75°	0.0	0.2	0.7	1.5	2.7	5.0	8.1	11.1	14.1	18.0	22.0
-77.5°	0.0	0.2	0.6	1.3	2.3	3.8	6.2	8.7	11.2	13.9	17.0
-80°	0.0	0.1	0.4	1.0	1.8	2.9	4.3	6.3	8.3	10.5	12.8
-82.5°	0.0	0.1	0.3	0.8	1.4	2.2	3.1	4.2	5.4	7.1	8.9
-85°	0.0	0.1	0.2	0.5	0.9	1.5	2.1	2.8	3.6	4.4	5.4
-87.5°	0.0	0.0	0.1	0.3	0.5	0.7	1.1	1.4	1.8	2.2	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: P626642 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-750-U-WR-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	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
82.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
80°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
77.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
72.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
70°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2
67.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
65°	0.3	0.3	0.4	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.3
62.5°	0.4	0.6	0.7	1.1	0.8	0.3	0.6	0.7	0.5	0.4	0.4
60°	1.4	1.0	2.5	3.4	2.2	1.2	1.4	2.9	2.4	0.6	1.7
57.5°	2.8	3.5	6.2	6.5	4.9	3.3	7.4	8.2	6.7	4.2	6.1
55°	5.9	8.2	10.4	10.3	10.3	13.0	15.3	15.0	13.2	18.2	22.9
52.5°	11.1	13.6	15.0	16.3	20.0	22.5	23.2	24.6	29.8	36.0	37.1
50°	16.3	18.8	20.7	25.5	29.3	31.3	33.1	37.8	45.7	49.9	50.6
47.5°	21.5	24.3	29.3	34.6	38.3	41.2	44.4	55.2	63.9	67.5	68.8
45°	27.0	31.9	38.1	43.5	47.8	51.8	62.0	76.7	82.9	88.4	102.6
42.5°	32.6	40.0	47.0	52.7	57.5	65.9	80.1	94.4	103.2	115.0	132.1
40°	39.9	48.1	56.3	62.1	68.1	80.7	98.3	113.4	122.8	138.6	158.0
37.5°	47.2	56.9	65.7	71.8	80.2	97.3	118.0	136.1	147.7	160.5	191.8
35°	54.5	65.8	74.9	83.1	93.5	117.1	142.5	162.6	176.9	199.0	238.6
32.5°	62.2	74.9	84.2	95.3	112.4	138.8	170.1	192.4	216.1	247.9	311.3
30°	70.5	83.4	94.1	107.4	130.4	161.1	197.5	225.6	257.7	309.4	377.7
27.5°	78.7	91.9	105.0	122.0	147.2	180.4	218.4	262.7	304.3	362.0	436.7
25°	86.6	100.6	115.7	136.3	163.5	198.3	239.8	290.9	345.1	411.1	498.8
22.5°	94.2	109.3	127.0	149.2	177.3	215.3	264.7	324.7	389.9	458.3	559.1
20°	101.6	119.1	139.5	164.2	190.0	230.9	289.1	361.8	443.4	537.2	635.9
17.5°	108.9	128.8	152.3	179.8	211.0	252.9	314.2	400.6	500.0	622.1	743.6
15°	116.1	138.3	164.7	195.2	232.2	282.3	351.9	446.9	567.0	713.2	857.1
12.5°	123.0	147.5	176.6	210.3	252.8	310.0	387.4	489.9	627.6	802.2	979.1
10°	129.7	156.3	187.9	224.8	272.5	335.8	418.8	527.1	673.3	853.2	1049.9
7.5°	133.0	162.3	197.5	238.6	291.1	359.4	446.2	558.6	709.0	894.2	1091.5
5°	135.5	165.0	201.1	244.1	301.3	375.5	467.1	584.3	735.3	925.1	1119.7
2.5°	137.3	167.0	203.8	247.1	305.3	380.8	474.0	593.3	749.4	941.2	1136.1
0°	138.6	168.2	205.4	248.9	307.4	383.4	477.2	597.1	755.4	944.9	1142.0
-2.5°	140.0	169.8	207.1	251.7	310.3	386.9	480.7	599.7	759.9	945.9	1145.2
-5°	140.8	170.7	207.8	253.0	311.3	387.6	480.5	597.2	756.4	938.5	1138.2
-7.5°	141.0	170.8	207.4	252.8	310.1	384.6	475.4	589.8	744.0	923.5	1121.0
-10°	140.7	170.1	206.0	250.5	306.6	378.4	466.3	576.9	723.8	898.7	1092.0
-12.5°	139.6	168.5	203.6	246.8	301.0	369.5	453.5	558.5	695.6	864.2	1051.1
-15°	138.0	166.1	200.0	241.6	293.2	358.1	437.1	534.5	659.4	820.4	1000.1
-17.5°	135.7	163.0	195.4	235.0	283.3	344.2	417.2	506.6	620.3	771.4	943.4
-20°	132.8	159.1	189.7	226.9	271.9	329.6	398.7	481.8	583.7	715.4	876.5

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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°	129.3	154.4	183.6	219.2	261.8	314.4	378.1	453.7	542.7	650.6	803.5
-25°	125.7	149.9	177.7	210.7	250.2	297.2	354.5	423.4	504.0	602.8	729.2
-27.5°	122.1	144.8	170.9	200.8	237.2	279.5	332.3	395.1	466.9	551.0	653.9
-30°	118.1	139.1	163.4	190.5	224.8	264.0	309.7	363.5	427.3	503.3	592.7
-32.5°	113.7	132.9	156.1	181.5	211.5	247.1	286.7	335.3	390.9	453.6	530.8
-35°	109.3	127.6	148.6	171.9	197.2	230.6	266.9	307.3	354.5	410.0	471.8
-37.5°	105.1	121.9	140.6	162.3	186.0	213.8	245.9	282.3	323.0	367.1	420.5
-40°	100.4	115.7	133.4	153.0	174.0	198.1	227.0	258.0	293.0	331.8	373.1
-42.5°	95.3	110.0	126.1	143.1	162.3	183.8	207.9	236.1	265.2	297.7	333.7
-45°	90.3	103.8	118.6	134.0	150.2	169.2	191.1	214.6	240.4	266.9	297.1
-47.5°	85.0	97.4	111.2	124.6	139.0	155.2	173.7	195.0	216.5	240.2	263.6
-50°	79.8	91.3	103.0	115.5	128.4	141.8	157.5	175.9	195.5	215.1	235.7
-52.5°	75.1	85.1	95.5	106.4	118.0	130.0	143.1	158.3	175.4	192.6	210.4
-55°	70.3	79.5	88.1	97.8	107.9	118.7	130.3	143.1	156.0	171.8	187.1
-57.5°	65.6	73.8	81.3	89.5	98.5	107.7	118.2	129.0	140.7	152.6	165.2
-60°	60.8	67.8	74.6	81.8	89.3	97.5	105.9	115.4	125.5	135.8	146.7
-62.5°	56.0	61.6	67.6	74.2	80.8	87.1	94.2	102.0	110.2	119.1	128.3
-65°	50.5	55.2	60.2	65.9	72.1	77.2	82.6	88.5	95.4	102.6	109.9
-67.5°	44.7	48.8	52.9	57.1	62.2	66.7	71.2	75.8	81.0	87.0	92.8
-70°	38.2	42.4	46.0	49.4	52.6	55.9	59.6	63.3	67.4	72.8	78.1
-72.5°	31.6	35.5	38.9	41.9	44.1	46.0	48.3	51.0	55.0	60.0	64.6
-75°	25.6	28.7	31.9	34.8	36.2	36.8	37.3	38.6	42.7	47.8	52.3
-77.5°	19.9	22.6	25.2	27.7	28.8	29.2	29.3	29.3	32.3	36.6	41.2
-80°	14.7	16.6	18.8	20.9	21.5	21.7	21.7	21.6	24.0	27.1	30.5
-82.5°	10.2	11.6	13.0	14.4	14.6	14.5	14.3	14.1	16.0	18.3	20.6
-85°	6.0	6.5	7.4	8.3	8.4	8.3	8.2	7.9	9.0	10.2	11.5
-87.5°	3.0	3.3	3.6	3.8	3.7	3.6	3.4	3.2	3.5	3.8	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: P626642 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-750-U-WR-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	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.3	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.3	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.3	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.3	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.1	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.3	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
62.5°	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2
60°	1.8	1.0	1.0	1.3	1.1	0.5	1.0	1.3	1.2	0.9	0.8
57.5°	9.1	7.6	5.3	8.9	9.2	6.5	7.0	9.1	8.8	6.8	6.8
55°	23.0	23.3	25.0	27.3	29.0	29.7	30.4	33.9	37.5	41.1	42.9
52.5°	37.9	42.4	47.9	51.6	54.1	59.4	66.7	70.1	73.4	77.1	79.8
50°	55.9	63.6	69.2	70.0	78.7	84.4	85.7	92.0	98.9	103.2	106.2
47.5°	83.2	93.0	97.8	100.9	111.5	123.1	123.1	126.8	144.0	153.0	157.3
45°	119.9	128.0	136.5	158.7	179.2	185.7	199.5	218.3	230.5	247.3	265.8
42.5°	151.1	166.3	187.7	212.2	232.7	249.7	270.4	293.0	320.1	345.6	367.6
40°	181.9	200.8	227.4	254.0	279.8	303.4	336.6	365.6	397.6	432.7	462.0
37.5°	222.2	246.4	273.9	307.4	347.5	373.8	419.4	461.2	497.2	539.6	565.7
35°	284.1	315.7	340.0	407.8	456.6	487.3	541.3	609.9	636.2	689.6	714.9
32.5°	361.9	403.9	467.7	557.5	622.7	679.2	760.0	829.6	888.9	942.5	998.3
30°	449.4	514.1	608.2	727.6	793.8	872.8	982.1	1064.6	1157.7	1259.8	1295.6
27.5°	528.7	625.7	735.0	831.6	926.7	1025.1	1132.6	1238.6	1339.3	1424.2	1481.2
25°	602.2	719.7	825.9	929.2	1032.2	1143.1	1264.6	1384.8	1495.6	1583.0	1649.5
22.5°	678.0	802.2	915.8	1020.6	1140.4	1266.1	1395.3	1533.2	1659.3	1750.0	1822.4
20°	749.3	887.4	1017.0	1136.3	1249.6	1394.7	1543.5	1689.8	1827.0	1935.1	2018.6
17.5°	862.6	982.4	1140.8	1295.8	1423.5	1556.7	1755.5	1906.5	2058.9	2188.3	2276.8
15°	1001.6	1133.3	1296.9	1509.8	1684.7	1837.4	2042.8	2288.3	2468.0	2633.2	2746.5
12.5°	1140.7	1289.7	1466.6	1706.3	1955.2	2135.1	2384.2	2695.4	2904.8	3160.5	3286.6
10°	1247.3	1434.4	1616.7	1835.3	2074.4	2330.5	2599.1	2890.2	3170.0	3389.6	3585.9
7.5°	1290.3	1489.6	1700.5	1923.6	2162.7	2427.0	2713.2	3016.2	3304.1	3549.4	3765.1
5°	1322.4	1526.6	1738.9	1967.0	2222.6	2498.6	2789.1	3107.2	3401.2	3664.1	3884.8
2.5°	1342.8	1548.9	1760.3	1992.2	2261.0	2545.2	2845.1	3171.6	3470.0	3740.6	3960.6
0°	1350.6	1553.7	1770.2	2009.0	2275.1	2560.0	2872.8	3203.1	3503.9	3765.5	3991.9
-2.5°	1351.7	1549.2	1770.9	2008.4	2263.1	2550.6	2867.3	3194.8	3489.5	3750.1	3978.4
-5°	1341.0	1538.6	1760.4	1994.4	2249.3	2534.7	2837.7	3154.3	3435.3	3689.0	3908.8
-7.5°	1319.5	1516.5	1733.4	1962.1	2210.1	2487.0	2778.0	3072.3	3348.0	3591.2	3801.1
-10°	1287.6	1480.4	1689.9	1912.6	2147.4	2410.7	2688.2	2969.4	3227.9	3452.8	3646.9
-12.5°	1244.4	1432.7	1632.8	1845.5	2063.9	2315.0	2577.0	2841.0	3076.7	3282.1	3456.2
-15°	1188.2	1372.2	1565.9	1767.0	1978.9	2205.9	2441.1	2683.3	2900.6	3082.7	3241.8
-17.5°	1122.1	1300.6	1484.5	1670.9	1872.0	2085.0	2303.3	2520.7	2706.0	2867.8	3013.3
-20°	1048.4	1220.3	1395.0	1568.9	1751.3	1948.2	2149.9	2340.8	2502.8	2649.8	2782.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626642 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	965.8	1130.3	1297.7	1460.4	1625.0	1803.3	1983.3	2156.0	2307.5	2433.3	2549.0
-25°	877.3	1029.4	1187.5	1340.0	1491.4	1651.2	1814.8	1973.6	2107.0	2216.2	2311.8
-27.5°	788.2	927.1	1066.4	1210.0	1349.9	1497.4	1645.5	1782.7	1902.4	2003.0	2083.3
-30°	694.5	818.7	945.9	1075.8	1209.4	1344.4	1478.2	1598.4	1702.9	1791.3	1860.7
-32.5°	616.6	711.0	823.3	941.2	1066.5	1189.4	1305.8	1415.4	1513.9	1591.0	1649.9
-35°	541.9	621.9	706.0	810.4	918.0	1031.1	1138.2	1236.0	1323.8	1391.2	1446.6
-37.5°	477.8	541.0	612.1	686.7	776.9	870.5	967.1	1059.0	1137.3	1196.1	1245.6
-40°	422.3	472.2	529.0	588.1	654.5	721.7	805.8	883.4	947.3	1002.3	1047.1
-42.5°	372.1	414.2	456.2	504.6	554.7	608.7	667.8	725.2	774.2	820.2	858.2
-45°	328.7	362.3	395.8	433.2	470.0	513.9	556.1	593.8	633.5	667.9	695.1
-47.5°	290.8	317.0	345.7	373.8	403.3	436.4	467.7	496.3	525.5	550.7	570.9
-50°	257.1	278.8	302.3	324.3	348.2	372.4	395.6	418.4	440.5	459.6	474.6
-52.5°	227.6	246.6	264.8	282.4	301.4	319.3	336.2	354.9	372.2	387.3	397.5
-55°	202.5	218.0	233.0	247.6	262.0	275.6	289.0	303.6	316.9	328.9	336.5
-57.5°	178.9	192.1	204.8	216.8	228.2	239.0	250.2	261.5	271.8	280.8	286.7
-60°	157.5	168.3	179.2	189.0	198.2	206.9	216.3	225.3	233.6	240.6	244.6
-62.5°	137.9	147.5	155.6	163.3	171.2	178.9	185.7	192.3	198.7	204.1	207.7
-65°	117.3	125.5	132.4	138.6	144.2	150.2	156.0	161.2	165.8	169.3	171.6
-67.5°	98.9	105.0	110.5	115.4	120.4	125.2	129.7	133.6	137.1	139.5	141.1
-70°	83.0	87.6	92.1	96.6	101.1	104.8	108.0	111.0	113.7	114.8	115.3
-72.5°	69.0	73.1	77.0	81.0	84.7	87.6	90.0	92.2	94.1	92.4	89.5
-75°	56.3	59.9	63.5	67.0	70.3	72.5	74.3	75.9	77.4	73.8	68.8
-77.5°	45.9	49.0	51.7	54.5	57.1	58.6	59.7	60.8	61.9	57.8	52.6
-80°	34.0	36.6	38.9	41.2	43.4	44.3	44.8	45.1	45.3	41.8	37.8
-82.5°	23.0	24.3	25.6	26.9	28.3	29.0	29.5	29.9	30.2	27.8	25.0
-85°	12.9	13.3	13.6	13.9	14.1	14.5	14.9	15.3	15.7	14.5	13.2
-87.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.3	4.2	3.9
-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: P626642 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-750-U-WR-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	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
62.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
60°	0.6	0.4	0.3	0.3	0.3	0.4	0.6	0.8	0.9	1.2	1.3
57.5°	6.3	5.5	5.0	4.5	5.0	5.5	6.3	6.8	6.8	8.8	9.1
55°	42.1	39.2	35.7	31.5	35.7	39.2	42.1	42.9	41.1	37.5	33.9
52.5°	82.6	85.4	86.9	86.8	86.9	85.4	82.6	79.8	77.1	73.4	70.1
50°	108.7	110.2	110.3	109.0	110.3	110.2	108.7	106.2	103.2	98.9	92.0
47.5°	159.3	157.2	153.6	149.7	153.6	157.2	159.3	157.3	153.0	144.0	126.8
45°	278.0	284.7	284.2	275.6	284.2	284.7	278.0	265.8	247.3	230.5	218.3
42.5°	379.9	389.9	397.0	400.6	397.0	389.9	379.9	367.6	345.6	320.1	293.0
40°	478.5	488.2	492.4	492.2	492.4	488.2	478.5	462.0	432.7	397.6	365.6
37.5°	582.6	595.2	601.3	598.3	601.3	595.2	582.6	565.7	539.6	497.2	461.2
35°	725.9	737.6	737.8	731.9	737.8	737.6	725.9	714.9	689.6	636.2	609.9
32.5°	1042.5	1046.4	1016.3	1005.6	1016.3	1046.4	1042.5	998.3	942.5	888.9	829.6
30°	1331.2	1359.0	1384.9	1397.9	1384.9	1359.0	1331.2	1295.6	1259.8	1157.7	1064.6
27.5°	1524.2	1557.7	1578.4	1579.8	1578.4	1557.7	1524.2	1481.2	1424.2	1339.3	1238.6
25°	1699.9	1737.3	1759.9	1767.7	1759.9	1737.3	1699.9	1649.5	1583.0	1495.6	1384.8
22.5°	1883.9	1928.0	1957.2	1963.2	1957.2	1928.0	1883.9	1822.4	1750.0	1659.3	1533.2
20°	2097.4	2148.7	2176.7	2175.6	2176.7	2148.7	2097.4	2018.6	1935.1	1827.0	1689.8
17.5°	2378.4	2433.5	2457.7	2447.1	2457.7	2433.5	2378.4	2276.8	2188.3	2058.9	1906.5
15°	2862.8	2978.1	2977.6	2931.6	2977.6	2978.1	2862.8	2746.5	2633.2	2468.0	2288.3
12.5°	3460.4	3546.3	3634.3	3653.3	3634.3	3546.3	3460.4	3286.6	3160.5	2904.8	2695.4
10°	3751.2	3865.2	3940.5	3938.5	3940.5	3865.2	3751.2	3585.9	3389.6	3170.0	2890.2
7.5°	3933.1	4059.1	4150.3	4148.3	4150.3	4059.1	3933.1	3765.1	3549.4	3304.1	3016.2
5°	4073.5	4213.2	4294.0	4300.0	4294.0	4213.2	4073.5	3884.8	3664.1	3401.2	3107.2
2.5°	4146.4	4292.3	4389.4	4376.6	4389.4	4292.3	4146.4	3960.6	3740.6	3470.0	3171.6
0°	4176.9	4321.3	4411.9	4451.0	4411.9	4321.3	4176.9	3991.9	3765.5	3503.9	3203.1
-2.5°	4163.6	4304.1	4404.2	4408.1	4404.2	4304.1	4163.6	3978.4	3750.1	3489.5	3194.8
-5°	4092.3	4240.5	4307.6	4343.2	4307.6	4240.5	4092.3	3908.8	3689.0	3435.3	3154.3
-7.5°	3977.3	4088.3	4173.5	4212.9	4173.5	4088.3	3977.3	3801.1	3591.2	3348.0	3072.3
-10°	3798.2	3913.2	3985.2	4017.7	3985.2	3913.2	3798.2	3646.9	3452.8	3227.9	2969.4
-12.5°	3599.8	3704.3	3772.8	3800.2	3772.8	3704.3	3599.8	3456.2	3282.1	3076.7	2841.0
-15°	3378.5	3473.4	3536.4	3562.7	3536.4	3473.4	3378.5	3241.8	3082.7	2900.6	2683.3
-17.5°	3134.9	3218.1	3280.9	3299.8	3280.9	3218.1	3134.9	3013.3	2867.8	2706.0	2520.7
-20°	2884.4	2959.6	3011.3	3022.5	3011.3	2959.6	2884.4	2782.9	2649.8	2502.8	2340.8



REPORT NUMBER: P626642 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2632.0	2693.9	2735.9	2750.1	2735.9	2693.9	2632.0	2549.0	2433.3	2307.5	2156.0
-25°	2385.3	2438.8	2472.6	2485.2	2472.6	2438.8	2385.3	2311.8	2216.2	2107.0	1973.6
-27.5°	2148.1	2197.9	2229.0	2233.1	2229.0	2197.9	2148.1	2083.3	2003.0	1902.4	1782.7
-30°	1914.6	1955.8	1979.7	1989.9	1979.7	1955.8	1914.6	1860.7	1791.3	1702.9	1598.4
-32.5°	1696.5	1732.4	1754.0	1759.7	1754.0	1732.4	1696.5	1649.9	1591.0	1513.9	1415.4
-35°	1490.6	1523.8	1542.8	1541.3	1542.8	1523.8	1490.6	1446.6	1391.2	1323.8	1236.0
-37.5°	1286.5	1317.1	1334.4	1332.8	1334.4	1317.1	1286.5	1245.6	1196.1	1137.3	1059.0
-40°	1083.9	1110.4	1125.6	1129.3	1125.6	1110.4	1083.9	1047.1	1002.3	947.3	883.4
-42.5°	889.9	914.3	926.5	921.7	926.5	914.3	889.9	858.2	820.2	774.2	725.2
-45°	714.1	726.7	735.0	740.1	735.0	726.7	714.1	695.1	667.9	633.5	593.8
-47.5°	585.7	596.2	601.8	602.8	601.8	596.2	585.7	570.9	550.7	525.5	496.3
-50°	486.2	495.1	499.0	497.9	499.0	495.1	486.2	474.6	459.6	440.5	418.4
-52.5°	404.9	410.1	413.5	415.2	413.5	410.1	404.9	397.5	387.3	372.2	354.9
-55°	342.2	346.3	348.6	349.4	348.6	346.3	342.2	336.5	328.9	316.9	303.6
-57.5°	291.6	295.4	296.8	296.3	296.8	295.4	291.6	286.7	280.8	271.8	261.5
-60°	247.8	250.0	251.6	252.4	251.6	250.0	247.8	244.6	240.6	233.6	225.3
-62.5°	210.5	212.6	214.2	215.2	214.2	212.6	210.5	207.7	204.1	198.7	192.3
-65°	173.1	174.1	174.3	173.9	174.3	174.1	173.1	171.6	169.3	165.8	161.2
-67.5°	142.3	143.1	143.6	143.7	143.6	143.1	142.3	141.1	139.5	137.1	133.6
-70°	115.7	116.0	115.7	114.8	115.7	116.0	115.7	115.3	114.8	113.7	111.0
-72.5°	86.5	83.3	80.1	76.6	80.1	83.3	86.5	89.5	92.4	94.1	92.2
-75°	63.6	58.2	56.3	54.4	56.3	58.2	63.6	68.8	73.8	77.4	75.9
-77.5°	47.2	41.6	40.2	38.8	40.2	41.6	47.2	52.6	57.8	61.9	60.8
-80°	33.6	29.2	28.2	27.3	28.2	29.2	33.6	37.8	41.8	45.3	45.1
-82.5°	22.1	19.1	18.4	17.8	18.4	19.1	22.1	25.0	27.8	30.2	29.9
-85°	11.9	10.5	10.2	9.9	10.2	10.5	11.9	13.2	14.5	15.7	15.3
-87.5°	3.7	3.5	3.5	3.5	3.5	3.5	3.7	3.9	4.2	4.3	4.4
-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: P626642 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-750-U-WR-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°	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3
82.5°	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3
80°	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3
77.5°	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3
75°	0.0	0.0	0.0	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3
72.5°	0.0	0.0	0.0	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3
70°	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.3
67.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.1	0.2	0.2	0.3	0.3
65°	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3
62.5°	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.7
60°	1.0	0.5	1.1	1.3	1.0	1.0	1.8	1.7	0.6	2.4	2.9
57.5°	7.0	6.5	9.2	8.9	5.3	7.6	9.1	6.1	4.2	6.7	8.2
55°	30.4	29.7	29.0	27.3	25.0	23.3	23.0	22.9	18.2	13.2	15.0
52.5°	66.7	59.4	54.1	51.6	47.9	42.4	37.9	37.1	36.0	29.8	24.6
50°	85.7	84.4	78.7	70.0	69.2	63.6	55.9	50.6	49.9	45.7	37.8
47.5°	123.1	123.1	111.5	100.9	97.8	93.0	83.2	68.8	67.5	63.9	55.2
45°	199.5	185.7	179.2	158.7	136.5	128.0	119.9	102.6	88.4	82.9	76.7
42.5°	270.4	249.7	232.7	212.2	187.7	166.3	151.1	132.1	115.0	103.2	94.4
40°	336.6	303.4	279.8	254.0	227.4	200.8	181.9	158.0	138.6	122.8	113.4
37.5°	419.4	373.8	347.5	307.4	273.9	246.4	222.2	191.8	160.5	147.7	136.1
35°	541.3	487.3	456.6	407.8	340.0	315.7	284.1	238.6	199.0	176.9	162.6
32.5°	760.0	679.2	622.7	557.5	467.7	403.9	361.9	311.3	247.9	216.1	192.4
30°	982.1	872.8	793.8	727.6	608.2	514.1	449.4	377.7	309.4	257.7	225.6
27.5°	1132.6	1025.1	926.7	831.6	735.0	625.7	528.7	436.7	362.0	304.3	262.7
25°	1264.6	1143.1	1032.2	929.2	825.9	719.7	602.2	498.8	411.1	345.1	290.9
22.5°	1395.3	1266.1	1140.4	1020.6	915.8	802.2	678.0	559.1	458.3	389.9	324.7
20°	1543.5	1394.7	1249.6	1136.3	1017.0	887.4	749.3	635.9	537.2	443.4	361.8
17.5°	1755.5	1556.7	1423.5	1295.8	1140.8	982.4	862.6	743.6	622.1	500.0	400.6
15°	2042.8	1837.4	1684.7	1509.8	1296.9	1133.3	1001.6	857.1	713.2	567.0	446.9
12.5°	2384.2	2135.1	1955.2	1706.3	1466.6	1289.7	1140.7	979.1	802.2	627.6	489.9
10°	2599.1	2330.5	2074.4	1835.3	1616.7	1434.4	1247.3	1049.9	853.2	673.3	527.1
7.5°	2713.2	2427.0	2162.7	1923.6	1700.5	1489.6	1290.3	1091.5	894.2	709.0	558.6
5°	2789.1	2498.6	2222.6	1967.0	1738.9	1526.6	1322.4	1119.7	925.1	735.3	584.3
2.5°	2845.1	2545.2	2261.0	1992.2	1760.3	1548.9	1342.8	1136.1	941.2	749.4	593.3
0°	2872.8	2560.0	2275.1	2009.0	1770.2	1553.7	1350.6	1142.0	944.9	755.4	597.1
-2.5°	2867.3	2550.6	2263.1	2008.4	1770.9	1549.2	1351.7	1145.2	945.9	759.9	599.7
-5°	2837.7	2534.7	2249.3	1994.4	1760.4	1538.6	1341.0	1138.2	938.5	756.4	597.2
-7.5°	2778.0	2487.0	2210.1	1962.1	1733.4	1516.5	1319.5	1121.0	923.5	744.0	589.8
-10°	2688.2	2410.7	2147.4	1912.6	1689.9	1480.4	1287.6	1092.0	898.7	723.8	576.9
-12.5°	2577.0	2315.0	2063.9	1845.5	1632.8	1432.7	1244.4	1051.1	864.2	695.6	558.5
-15°	2441.1	2205.9	1978.9	1767.0	1565.9	1372.2	1188.2	1000.1	820.4	659.4	534.5
-17.5°	2303.3	2085.0	1872.0	1670.9	1484.5	1300.6	1122.1	943.4	771.4	620.3	506.6
-20°	2149.9	1948.2	1751.3	1568.9	1395.0	1220.3	1048.4	876.5	715.4	583.7	481.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626642 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1983.3	1803.3	1625.0	1460.4	1297.7	1130.3	965.8	803.5	650.6	542.7	453.7
-25°	1814.8	1651.2	1491.4	1340.0	1187.5	1029.4	877.3	729.2	602.8	504.0	423.4
-27.5°	1645.5	1497.4	1349.9	1210.0	1066.4	927.1	788.2	653.9	551.0	466.9	395.1
-30°	1478.2	1344.4	1209.4	1075.8	945.9	818.7	694.5	592.7	503.3	427.3	363.5
-32.5°	1305.8	1189.4	1066.5	941.2	823.3	711.0	616.6	530.8	453.6	390.9	335.3
-35°	1138.2	1031.1	918.0	810.4	706.0	621.9	541.9	471.8	410.0	354.5	307.3
-37.5°	967.1	870.5	776.9	686.7	612.1	541.0	477.8	420.5	367.1	323.0	282.3
-40°	805.8	721.7	654.5	588.1	529.0	472.2	422.3	373.1	331.8	293.0	258.0
-42.5°	667.8	608.7	554.7	504.6	456.2	414.2	372.1	333.7	297.7	265.2	236.1
-45°	556.1	513.9	470.0	433.2	395.8	362.3	328.7	297.1	266.9	240.4	214.6
-47.5°	467.7	436.4	403.3	373.8	345.7	317.0	290.8	263.6	240.2	216.5	195.0
-50°	395.6	372.4	348.2	324.3	302.3	278.8	257.1	235.7	215.1	195.5	175.9
-52.5°	336.2	319.3	301.4	282.4	264.8	246.6	227.6	210.4	192.6	175.4	158.3
-55°	289.0	275.6	262.0	247.6	233.0	218.0	202.5	187.1	171.8	156.0	143.1
-57.5°	250.2	239.0	228.2	216.8	204.8	192.1	178.9	165.2	152.6	140.7	129.0
-60°	216.3	206.9	198.2	189.0	179.2	168.3	157.5	146.7	135.8	125.5	115.4
-62.5°	185.7	178.9	171.2	163.3	155.6	147.5	137.9	128.3	119.1	110.2	102.0
-65°	156.0	150.2	144.2	138.6	132.4	125.5	117.3	109.9	102.6	95.4	88.5
-67.5°	129.7	125.2	120.4	115.4	110.5	105.0	98.9	92.8	87.0	81.0	75.8
-70°	108.0	104.8	101.1	96.6	92.1	87.6	83.0	78.1	72.8	67.4	63.3
-72.5°	90.0	87.6	84.7	81.0	77.0	73.1	69.0	64.6	60.0	55.0	51.0
-75°	74.3	72.5	70.3	67.0	63.5	59.9	56.3	52.3	47.8	42.7	38.6
-77.5°	59.7	58.6	57.1	54.5	51.7	49.0	45.9	41.2	36.6	32.3	29.3
-80°	44.8	44.3	43.4	41.2	38.9	36.6	34.0	30.5	27.1	24.0	21.6
-82.5°	29.5	29.0	28.3	26.9	25.6	24.3	23.0	20.6	18.3	16.0	14.1
-85°	14.9	14.5	14.1	13.9	13.6	13.3	12.9	11.5	10.2	9.0	7.9
-87.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.1	3.8	3.5	3.2
-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: P626642 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-750-U-WR-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°	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
85°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2
82.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
80°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
77.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
75°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
72.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
70°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
67.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.3
65°	0.3	0.3	0.3	0.5	0.4	0.3	0.3	0.6	0.5	0.5	0.3
62.5°	0.6	0.3	0.8	1.1	0.7	0.6	0.4	1.3	0.9	0.6	0.4
60°	1.4	1.2	2.2	3.4	2.5	1.0	1.4	2.3	2.1	0.8	0.6
57.5°	7.4	3.3	4.9	6.5	6.2	3.5	2.8	3.9	3.5	2.1	0.8
55°	15.3	13.0	10.3	10.3	10.4	8.2	5.9	6.1	5.3	3.8	1.3
52.5°	23.2	22.5	20.0	16.3	15.0	13.6	11.1	8.6	7.9	5.7	3.0
50°	33.1	31.3	29.3	25.5	20.7	18.8	16.3	13.1	10.8	7.9	5.0
47.5°	44.4	41.2	38.3	34.6	29.3	24.3	21.5	17.8	14.0	10.9	6.9
45°	62.0	51.8	47.8	43.5	38.1	31.9	27.0	22.3	18.1	13.9	8.9
42.5°	80.1	65.9	57.5	52.7	47.0	40.0	32.6	27.5	22.2	16.8	11.2
40°	98.3	80.7	68.1	62.1	56.3	48.1	39.9	32.8	26.2	19.9	13.8
37.5°	118.0	97.3	80.2	71.8	65.7	56.9	47.2	38.2	30.3	23.3	16.4
35°	142.5	117.1	93.5	83.1	74.9	65.8	54.5	44.2	35.1	26.6	18.9
32.5°	170.1	138.8	112.4	95.3	84.2	74.9	62.2	50.8	40.1	30.0	21.3
30°	197.5	161.1	130.4	107.4	94.1	83.4	70.5	57.6	45.3	33.3	23.8
27.5°	218.4	180.4	147.2	122.0	105.0	91.9	78.7	64.3	50.5	37.0	26.5
25°	239.8	198.3	163.5	136.3	115.7	100.6	86.6	71.1	56.0	41.2	29.2
22.5°	264.7	215.3	177.3	149.2	127.0	109.3	94.2	77.9	61.6	45.4	31.8
20°	289.1	230.9	190.0	164.2	139.5	119.1	101.6	84.4	67.1	49.6	34.3
17.5°	314.2	252.9	211.0	179.8	152.3	128.8	108.9	90.6	72.4	53.6	36.8
15°	351.9	282.3	232.2	195.2	164.7	138.3	116.1	96.4	77.6	57.4	38.9
12.5°	387.4	310.0	252.8	210.3	176.6	147.5	123.0	101.9	82.5	60.7	40.7
10°	418.8	335.8	272.5	224.8	187.9	156.3	129.7	106.2	85.4	63.2	42.3
7.5°	446.2	359.4	291.1	238.6	197.5	162.3	133.0	108.4	87.6	65.5	43.7
5°	467.1	375.5	301.3	244.1	201.1	165.0	135.5	110.2	89.3	67.5	44.9
2.5°	474.0	380.8	305.3	247.1	203.8	167.0	137.3	111.6	90.7	69.1	45.9
0°	477.2	383.4	307.4	248.9	205.4	168.2	138.6	112.5	91.6	70.3	46.7
-2.5°	480.7	386.9	310.3	251.7	207.1	169.8	140.0	114.0	92.9	71.7	48.1
-5°	480.5	387.6	311.3	253.0	207.8	170.7	140.8	115.1	93.9	72.6	49.2
-7.5°	475.4	384.6	310.1	252.8	207.4	170.8	141.0	115.7	94.4	73.3	50.1
-10°	466.3	378.4	306.6	250.5	206.0	170.1	140.7	115.9	94.7	73.5	50.7
-12.5°	453.5	369.5	301.0	246.8	203.6	168.5	139.6	115.4	94.5	73.4	51.1
-15°	437.1	358.1	293.2	241.6	200.0	166.1	138.0	114.3	93.7	72.9	51.2
-17.5°	417.2	344.2	283.3	235.0	195.4	163.0	135.7	112.7	92.6	72.0	51.1
-20°	398.7	329.6	271.9	226.9	189.7	159.1	132.8	110.8	91.2	70.8	50.8

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Scaled Data Report



REPORT NUMBER: P626642 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	378.1	314.4	261.8	219.2	183.6	154.4	129.3	108.4	89.5	69.4	50.4
-25°	354.5	297.2	250.2	210.7	177.7	149.9	125.7	105.5	87.6	67.8	49.7
-27.5°	332.3	279.5	237.2	200.8	170.9	144.8	122.1	102.9	85.4	66.1	48.8
-30°	309.7	264.0	224.8	190.5	163.4	139.1	118.1	100.1	82.9	64.5	47.7
-32.5°	286.7	247.1	211.5	181.5	156.1	132.9	113.7	97.1	80.3	63.0	46.8
-35°	266.9	230.6	197.2	171.9	148.6	127.6	109.3	93.9	77.6	61.2	45.9
-37.5°	245.9	213.8	186.0	162.3	140.6	121.9	105.1	90.2	74.9	59.3	44.7
-40°	227.0	198.1	174.0	153.0	133.4	115.7	100.4	86.1	72.3	57.1	43.3
-42.5°	207.9	183.8	162.3	143.1	126.1	110.0	95.3	81.9	69.0	55.2	41.7
-45°	191.1	169.2	150.2	134.0	118.6	103.8	90.3	77.4	65.5	53.1	40.1
-47.5°	173.7	155.2	139.0	124.6	111.2	97.4	85.0	73.3	61.8	50.8	38.4
-50°	157.5	141.8	128.4	115.5	103.0	91.3	79.8	69.1	58.4	47.8	36.5
-52.5°	143.1	130.0	118.0	106.4	95.5	85.1	75.1	64.9	54.9	44.9	34.4
-55°	130.3	118.7	107.9	97.8	88.1	79.5	70.3	60.8	51.2	41.8	32.2
-57.5°	118.2	107.7	98.5	89.5	81.3	73.8	65.6	56.6	47.5	38.6	30.2
-60°	105.9	97.5	89.3	81.8	74.6	67.8	60.8	52.3	43.7	35.3	27.8
-62.5°	94.2	87.1	80.8	74.2	67.6	61.6	56.0	47.8	39.8	32.0	25.1
-65°	82.6	77.2	72.1	65.9	60.2	55.2	50.5	43.2	35.6	28.5	22.3
-67.5°	71.2	66.7	62.2	57.1	52.9	48.8	44.7	38.1	31.1	24.9	19.5
-70°	59.6	55.9	52.6	49.4	46.0	42.4	38.2	32.6	26.5	21.4	16.6
-72.5°	48.3	46.0	44.1	41.9	38.9	35.5	31.6	27.0	22.3	17.8	13.6
-75°	37.3	36.8	36.2	34.8	31.9	28.7	25.6	22.0	18.0	14.1	11.1
-77.5°	29.3	29.2	28.8	27.7	25.2	22.6	19.9	17.0	13.9	11.2	8.7
-80°	21.7	21.7	21.5	20.9	18.8	16.6	14.7	12.8	10.5	8.3	6.3
-82.5°	14.3	14.5	14.6	14.4	13.0	11.6	10.2	8.9	7.1	5.4	4.2
-85°	8.2	8.3	8.4	8.3	7.4	6.5	6.0	5.4	4.4	3.6	2.8
-87.5°	3.4	3.6	3.7	3.8	3.6	3.3	3.0	2.7	2.2	1.8	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

Classified

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

Scaled Data Report



REPORT NUMBER: P626642 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-750-U-WR-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	0.0	0.0	0.0	0.0
85°	0.2	0.1	0.1	0.1	0.1	0.0	0.0
82.5°	0.2	0.2	0.2	0.1	0.1	0.0	0.0
80°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
77.5°	0.3	0.3	0.3	0.2	0.1	0.1	0.0
75°	0.3	0.3	0.3	0.2	0.2	0.1	0.0
72.5°	0.3	0.3	0.3	0.3	0.2	0.1	0.0
70°	0.3	0.3	0.3	0.3	0.2	0.1	0.0
67.5°	0.3	0.3	0.3	0.3	0.2	0.1	0.0
65°	0.4	0.3	0.3	0.3	0.3	0.1	0.0
62.5°	0.4	0.4	0.3	0.3	0.3	0.1	0.0
60°	0.5	0.5	0.3	0.3	0.3	0.1	0.0
57.5°	0.9	0.6	0.4	0.3	0.3	0.2	0.0
55°	1.3	0.7	0.5	0.3	0.3	0.2	0.0
52.5°	1.9	0.9	0.6	0.3	0.3	0.2	0.0
50°	2.5	1.4	0.7	0.3	0.3	0.2	0.0
47.5°	3.3	2.0	0.8	0.3	0.3	0.2	0.0
45°	5.0	2.7	0.9	0.4	0.3	0.2	0.0
42.5°	6.7	3.3	1.1	0.5	0.3	0.2	0.0
40°	8.4	4.0	1.4	0.6	0.4	0.2	0.0
37.5°	10.1	4.8	2.0	0.8	0.4	0.2	0.0
35°	11.8	5.9	2.5	0.9	0.4	0.2	0.0
32.5°	13.5	7.2	3.1	1.1	0.4	0.3	0.0
30°	15.5	8.5	3.6	1.2	0.4	0.3	0.0
27.5°	17.4	9.8	4.3	1.4	0.4	0.3	0.0
25°	19.3	11.0	4.9	1.6	0.4	0.3	0.0
22.5°	21.1	12.2	5.5	1.8	0.5	0.3	0.0
20°	22.8	13.3	6.1	2.0	0.5	0.3	0.0
17.5°	24.3	14.4	6.7	2.2	0.5	0.3	0.0
15°	25.8	15.4	7.3	2.4	0.5	0.3	0.0
12.5°	27.1	16.3	7.8	2.6	0.5	0.3	0.0
10°	28.3	17.2	8.3	2.8	0.5	0.3	0.0
7.5°	29.4	17.9	8.8	3.0	0.6	0.3	0.0
5°	30.3	18.6	9.2	3.2	0.6	0.3	0.0
2.5°	31.1	19.2	9.6	3.3	0.6	0.3	0.0
0°	31.8	19.7	9.9	3.5	0.6	0.3	0.0
-2.5°	32.7	20.3	10.4	3.7	0.7	0.3	0.0
-5°	33.4	20.9	10.7	3.9	0.8	0.3	0.0
-7.5°	33.9	21.3	11.1	4.1	0.9	0.4	0.0
-10°	34.4	21.6	11.4	4.3	1.0	0.4	0.0
-12.5°	34.6	21.8	11.6	4.4	1.1	0.4	0.0
-15°	34.7	21.9	11.7	4.5	1.2	0.4	0.0
-17.5°	34.6	21.9	11.8	4.6	1.2	0.4	0.0
-20°	34.5	21.8	11.7	4.7	1.3	0.4	0.0

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REPORT NUMBER: P626642 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-750-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	34.5	21.6	11.7	4.7	1.4	0.5	0.0
-25°	34.4	21.5	11.5	4.7	1.4	0.5	0.0
-27.5°	34.0	21.4	11.2	4.7	1.5	0.5	0.0
-30°	33.5	21.2	10.9	4.6	1.5	0.5	0.0
-32.5°	32.9	20.8	10.7	4.5	1.5	0.5	0.0
-35°	32.2	20.3	10.5	4.4	1.5	0.5	0.0
-37.5°	31.5	19.8	10.2	4.2	1.5	0.5	0.0
-40°	30.6	19.3	9.8	4.0	1.5	0.5	0.0
-42.5°	29.5	18.7	9.5	3.8	1.5	0.5	0.0
-45°	28.2	17.9	9.3	3.7	1.5	0.5	0.0
-47.5°	26.8	17.1	9.0	3.5	1.5	0.5	0.0
-50°	25.6	16.1	8.7	3.4	1.4	0.4	0.0
-52.5°	24.2	15.0	8.2	3.4	1.4	0.4	0.0
-55°	22.7	14.2	7.6	3.3	1.3	0.4	0.0
-57.5°	21.1	13.2	7.0	3.2	1.2	0.4	0.0
-60°	19.3	12.1	6.3	3.0	1.2	0.4	0.0
-62.5°	17.7	10.9	5.8	2.8	1.1	0.3	0.0
-65°	15.8	9.6	5.3	2.5	1.0	0.3	0.0
-67.5°	13.8	8.4	4.8	2.3	0.9	0.3	0.0
-70°	11.6	7.3	4.1	1.9	0.8	0.3	0.0
-72.5°	9.9	6.2	3.5	1.7	0.8	0.2	0.0
-75°	8.1	5.0	2.7	1.5	0.7	0.2	0.0
-77.5°	6.2	3.8	2.3	1.3	0.6	0.2	0.0
-80°	4.3	2.9	1.8	1.0	0.4	0.1	0.0
-82.5°	3.1	2.2	1.4	0.8	0.3	0.1	0.0
-85°	2.1	1.5	0.9	0.5	0.2	0.1	0.0
-87.5°	1.1	0.7	0.5	0.3	0.1	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)