

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: P626572 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-740-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626572 (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-SA1A-740-U-WR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

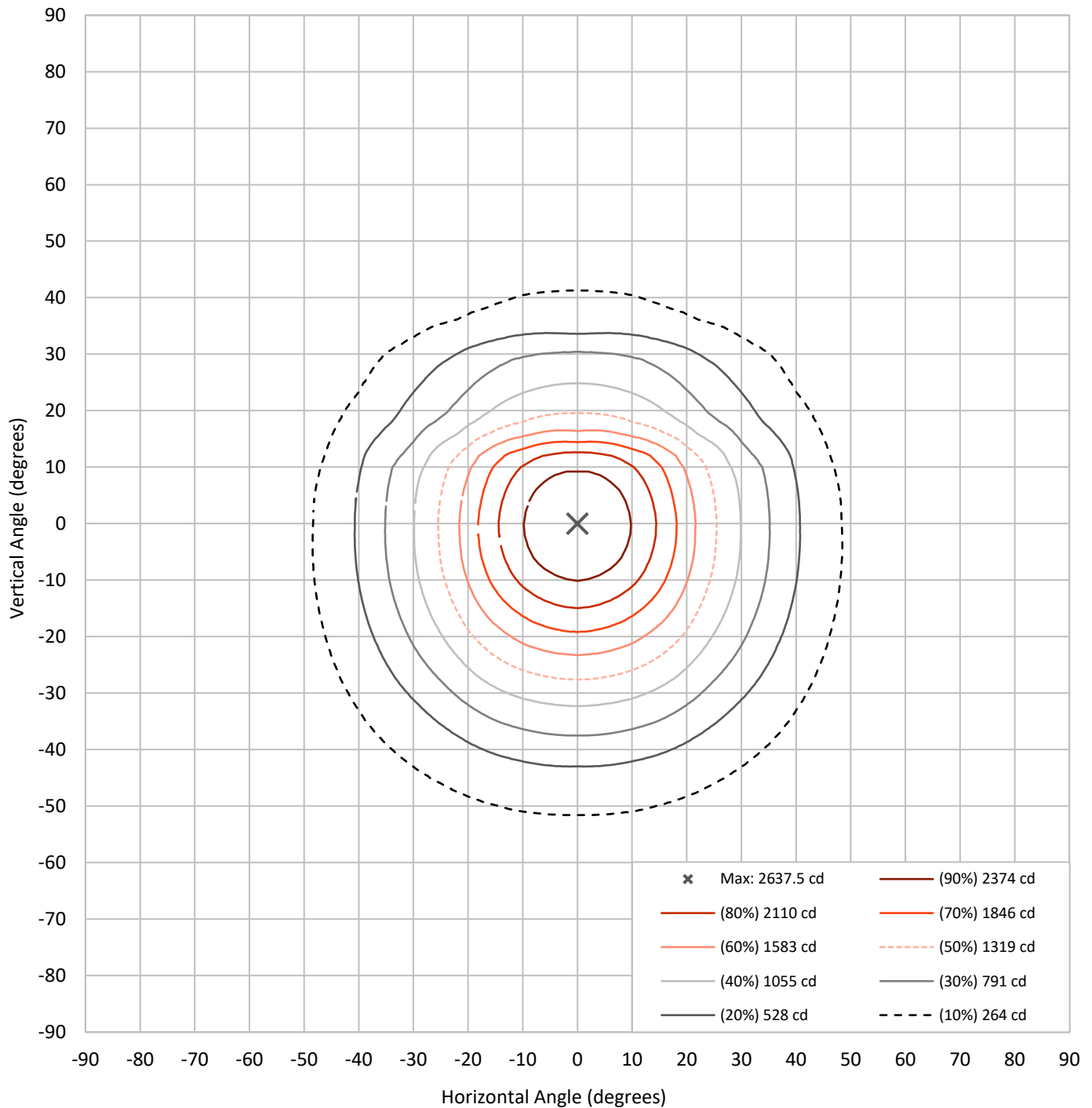
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	2326.9 lumens	Max Intensity:	2637.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	128.6 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:	1120.3 lumens	Field Lumens:	2083.4 lumens
Beam Efficiency:	48.1%	Field Efficiency:	89.5%
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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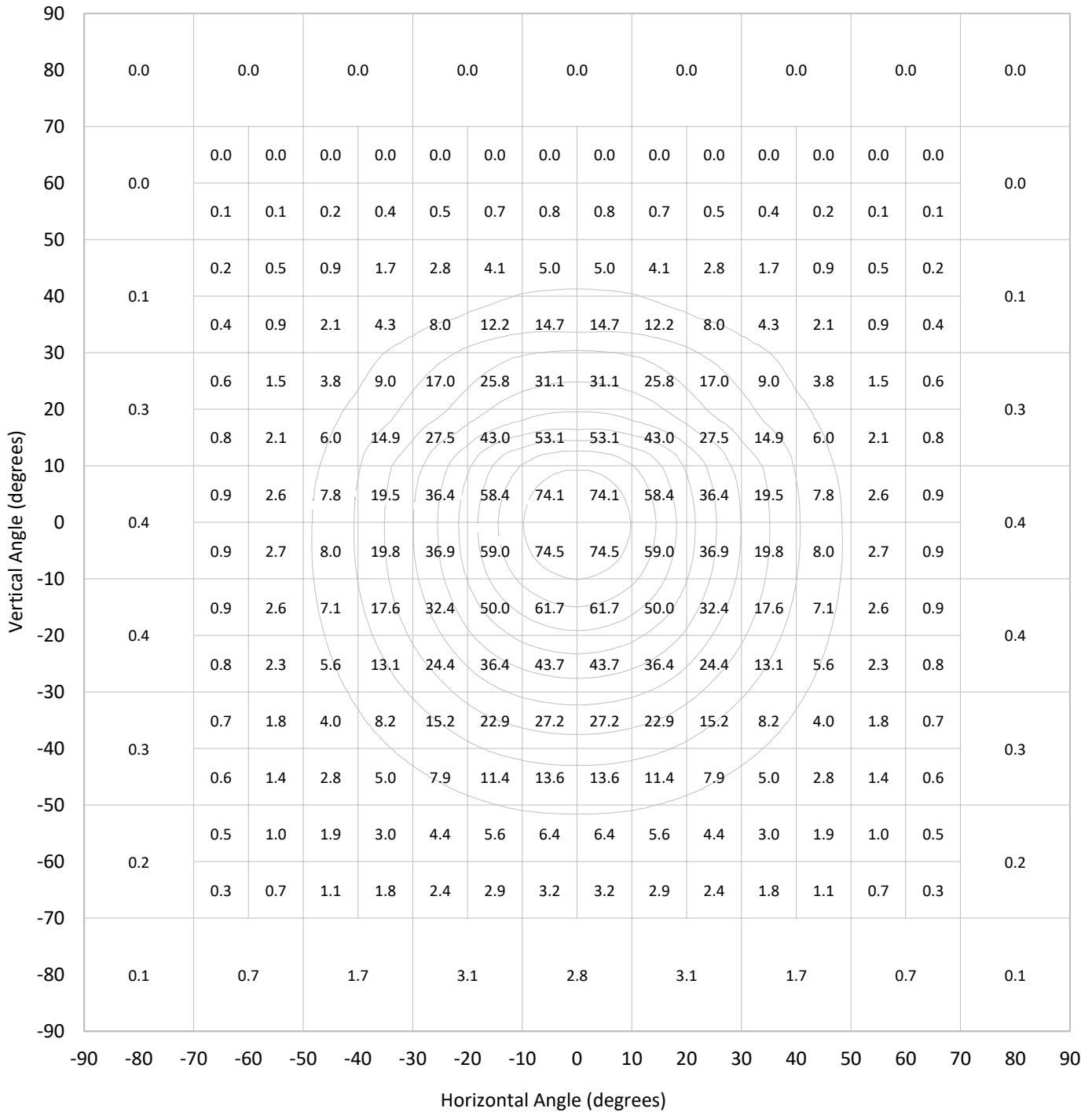
Iso-Candela Plot





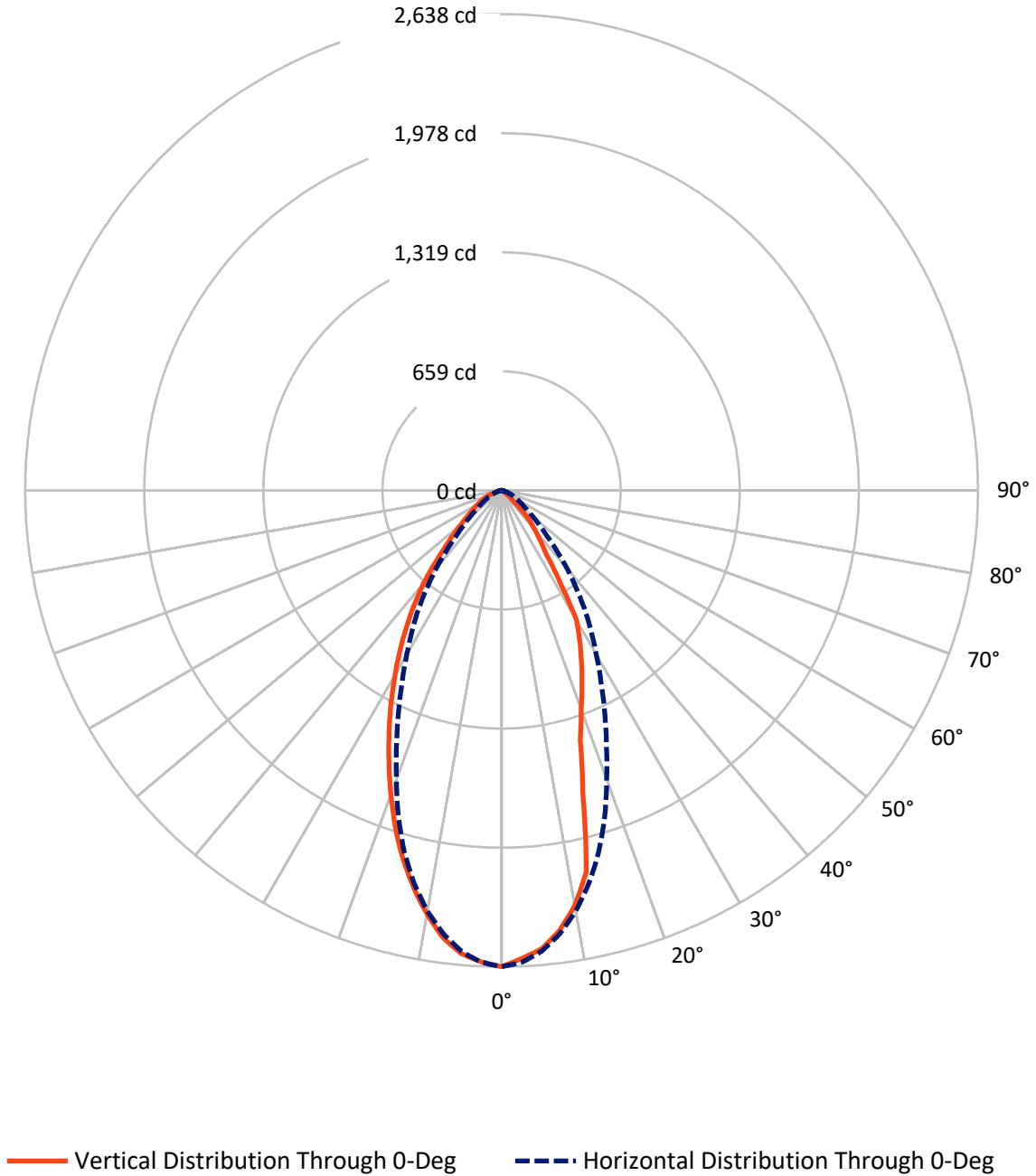
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Lumen Table



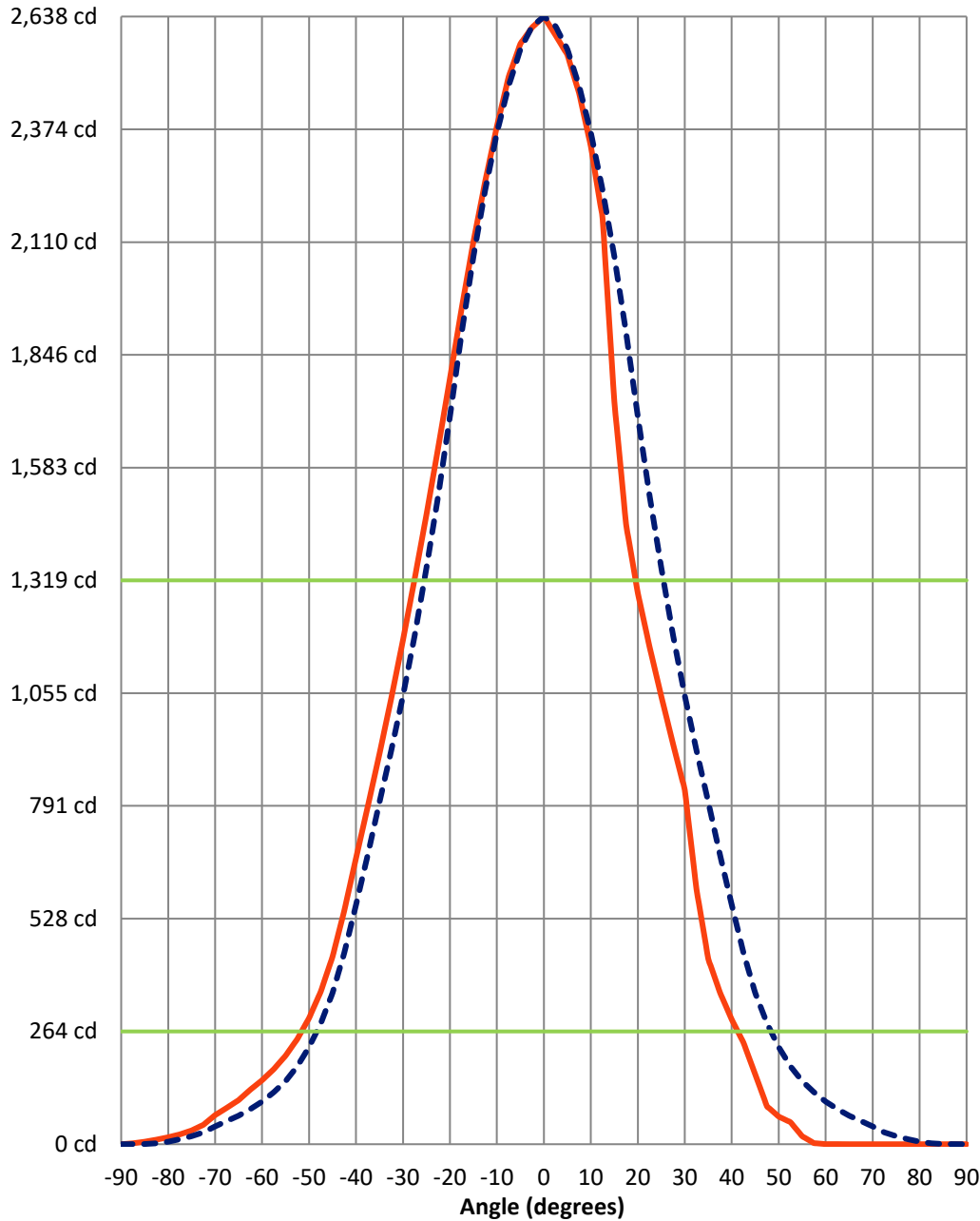
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 1120.3
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 2083.4
 Efficiency: 89.5%

Spill:
 Lumens: 243.5
 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	0.0	0.0	0.1	0.1	0.1	0.1	0.1
85°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
82.5°	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
80°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
77.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
75°	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
72.5°	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
70°	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
67.5°	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2
65°	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.4
62.5°	0.0	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.5	0.8
60°	0.0	0.1	0.2	0.2	0.2	0.3	0.3	0.4	0.5	1.3	1.4
57.5°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	1.2	2.1	2.3
55°	0.0	0.1	0.2	0.2	0.3	0.4	0.8	0.8	2.3	3.2	3.6
52.5°	0.0	0.1	0.2	0.2	0.4	0.6	1.1	1.8	3.4	4.7	5.1
50°	0.0	0.1	0.2	0.2	0.4	0.9	1.5	2.9	4.7	6.4	7.8
47.5°	0.0	0.1	0.2	0.2	0.5	1.2	1.9	4.1	6.4	8.3	10.5
45°	0.0	0.1	0.2	0.3	0.6	1.6	3.0	5.3	8.2	10.7	13.3
42.5°	0.0	0.1	0.2	0.3	0.7	2.0	4.0	6.7	10.0	13.2	16.3
40°	0.0	0.2	0.2	0.4	0.9	2.4	5.0	8.2	11.8	15.5	19.4
37.5°	0.0	0.2	0.2	0.5	1.2	2.8	6.0	9.7	13.8	17.9	22.7
35°	0.0	0.2	0.3	0.6	1.5	3.5	6.9	11.2	15.8	20.8	26.2
32.5°	0.0	0.2	0.3	0.7	1.8	4.3	8.0	12.6	17.8	23.8	30.1
30°	0.0	0.2	0.3	0.8	2.2	5.0	9.2	14.1	19.8	26.8	34.1
27.5°	0.0	0.2	0.3	0.9	2.5	5.8	10.3	15.7	21.9	29.9	38.1
25°	0.0	0.2	0.3	1.0	2.9	6.5	11.4	17.3	24.5	33.2	42.1
22.5°	0.0	0.2	0.3	1.1	3.3	7.2	12.5	18.9	26.9	36.5	46.2
20°	0.0	0.2	0.3	1.2	3.6	7.9	13.5	20.4	29.4	39.8	50.0
17.5°	0.0	0.2	0.3	1.3	4.0	8.5	14.4	21.8	31.7	42.9	53.7
15°	0.0	0.2	0.3	1.5	4.3	9.1	15.3	23.1	34.0	46.0	57.1
12.5°	0.0	0.2	0.3	1.6	4.6	9.6	16.1	24.1	35.9	48.9	60.4
10°	0.0	0.2	0.4	1.7	4.9	10.2	16.8	25.1	37.5	50.6	62.9
7.5°	0.0	0.2	0.4	1.8	5.2	10.6	17.4	25.9	38.8	51.9	64.2
5°	0.0	0.2	0.4	1.9	5.4	11.0	17.9	26.6	39.9	53.0	65.3
2.5°	0.0	0.2	0.4	2.0	5.6	11.4	18.4	27.2	40.9	53.7	66.1
0°	0.0	0.2	0.4	2.1	5.8	11.7	18.8	27.7	41.6	54.3	66.7
-2.5°	0.0	0.2	0.5	2.2	6.1	12.1	19.3	28.5	42.4	55.1	67.6
-5°	0.0	0.2	0.5	2.3	6.3	12.4	19.8	29.2	43.0	55.6	68.2
-7.5°	0.0	0.2	0.6	2.4	6.5	12.6	20.1	29.7	43.4	56.0	68.6
-10°	0.0	0.2	0.6	2.5	6.7	12.8	20.3	30.1	43.6	56.1	68.7
-12.5°	0.0	0.3	0.7	2.6	6.8	12.9	20.5	30.3	43.5	56.0	68.4
-15°	0.0	0.3	0.7	2.7	6.9	13.0	20.5	30.3	43.2	55.5	67.7
-17.5°	0.0	0.3	0.8	2.7	6.9	13.0	20.5	30.3	42.7	54.9	66.8
-20°	0.0	0.3	0.8	2.8	6.9	12.9	20.4	30.1	42.0	54.0	65.6

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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	0.3	0.8	2.8	6.8	12.8	20.5	29.9	41.1	53.0	64.2
-25°	0.0	0.3	0.9	2.8	6.7	12.7	20.4	29.5	40.2	51.9	62.5
-27.5°	0.0	0.3	0.9	2.7	6.6	12.6	20.2	28.9	39.1	50.6	61.0
-30°	0.0	0.3	0.9	2.7	6.4	12.5	19.9	28.3	38.2	49.1	59.3
-32.5°	0.0	0.3	0.9	2.6	6.3	12.3	19.5	27.7	37.3	47.6	57.5
-35°	0.0	0.3	0.9	2.6	6.2	12.0	19.1	27.2	36.3	46.0	55.6
-37.5°	0.0	0.3	0.9	2.5	6.0	11.7	18.6	26.5	35.1	44.4	53.4
-40°	0.0	0.3	0.9	2.4	5.8	11.4	18.1	25.7	33.8	42.8	51.0
-42.5°	0.0	0.3	0.9	2.3	5.6	11.0	17.5	24.7	32.7	40.9	48.5
-45°	0.0	0.3	0.9	2.2	5.5	10.6	16.7	23.7	31.5	38.8	45.9
-47.5°	0.0	0.3	0.9	2.1	5.3	10.1	15.9	22.7	30.1	36.6	43.4
-50°	0.0	0.3	0.9	2.0	5.1	9.5	15.1	21.6	28.3	34.6	40.9
-52.5°	0.0	0.3	0.8	2.0	4.8	8.9	14.3	20.4	26.6	32.5	38.4
-55°	0.0	0.3	0.8	2.0	4.5	8.4	13.5	19.1	24.8	30.3	36.0
-57.5°	0.0	0.2	0.8	1.9	4.1	7.8	12.5	17.9	22.9	28.2	33.5
-60°	0.0	0.2	0.7	1.8	3.7	7.2	11.5	16.5	20.9	25.9	31.0
-62.5°	0.0	0.2	0.7	1.7	3.5	6.5	10.5	14.9	19.0	23.6	28.3
-65°	0.0	0.2	0.6	1.5	3.2	5.7	9.4	13.2	16.9	21.1	25.6
-67.5°	0.0	0.2	0.6	1.3	2.8	5.0	8.2	11.6	14.8	18.5	22.6
-70°	0.0	0.2	0.5	1.2	2.5	4.4	6.9	9.8	12.7	15.7	19.3
-72.5°	0.0	0.1	0.5	1.0	2.1	3.7	5.9	8.1	10.6	13.2	16.0
-75°	0.0	0.1	0.4	0.9	1.6	3.0	4.8	6.6	8.4	10.7	13.1
-77.5°	0.0	0.1	0.3	0.8	1.3	2.2	3.7	5.1	6.6	8.2	10.0
-80°	0.0	0.1	0.3	0.6	1.1	1.7	2.5	3.7	4.9	6.2	7.6
-82.5°	0.0	0.1	0.2	0.5	0.8	1.3	1.8	2.5	3.2	4.2	5.3
-85°	0.0	0.0	0.1	0.3	0.6	0.9	1.2	1.6	2.1	2.6	3.2
-87.5°	0.0	0.0	0.1	0.2	0.3	0.4	0.6	0.8	1.1	1.3	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



REPORT NUMBER: P626572 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-740-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	0.1	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	0.2	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°	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
62.5°	0.3	0.4	0.4	0.7	0.5	0.2	0.4	0.4	0.3	0.2	0.3
60°	0.8	0.6	1.5	2.0	1.3	0.7	0.8	1.7	1.4	0.4	1.0
57.5°	1.7	2.1	3.7	3.8	2.9	2.0	4.4	4.9	4.0	2.5	3.6
55°	3.5	4.9	6.2	6.1	6.1	7.7	9.1	8.9	7.9	10.8	13.6
52.5°	6.6	8.1	8.9	9.6	11.9	13.4	13.8	14.6	17.6	21.3	22.0
50°	9.7	11.1	12.2	15.1	17.4	18.6	19.6	22.4	27.1	29.6	30.0
47.5°	12.8	14.4	17.3	20.5	22.7	24.5	26.3	32.7	37.9	40.0	40.8
45°	16.0	18.9	22.5	25.8	28.4	30.7	36.8	45.5	49.1	52.4	60.8
42.5°	19.4	23.7	27.9	31.3	34.1	39.0	47.5	55.9	61.1	68.1	78.3
40°	23.6	28.5	33.4	36.8	40.3	47.8	58.3	67.2	72.7	82.1	93.7
37.5°	28.0	33.7	38.9	42.5	47.5	57.7	69.9	80.7	87.5	95.2	113.7
35°	32.3	39.0	44.3	49.2	55.4	69.3	84.4	96.4	104.9	117.9	141.4
32.5°	36.9	44.4	49.8	56.5	66.6	82.2	100.8	114.0	128.1	146.9	184.4
30°	41.8	49.4	55.7	63.7	77.2	95.5	117.0	133.7	152.7	183.3	223.8
27.5°	46.6	54.4	62.2	72.3	87.2	106.9	129.4	155.6	180.3	214.5	258.7
25°	51.3	59.6	68.6	80.7	96.9	117.5	142.1	172.3	204.5	243.6	295.6
22.5°	55.8	64.8	75.3	88.4	105.1	127.6	156.9	192.4	231.1	271.6	331.3
20°	60.2	70.6	82.7	97.3	112.6	136.9	171.4	214.4	262.8	318.3	376.8
17.5°	64.5	76.3	90.2	106.5	125.0	149.9	186.2	237.4	296.3	368.6	440.7
15°	68.8	82.0	97.6	115.6	137.6	167.3	208.5	264.8	336.0	422.6	507.9
12.5°	72.9	87.4	104.6	124.6	149.8	183.7	229.6	290.3	371.9	475.3	580.2
10°	76.8	92.7	111.3	133.2	161.5	199.0	248.2	312.4	399.0	505.6	622.2
7.5°	78.8	96.2	117.0	141.3	172.5	213.0	264.4	331.0	420.1	529.9	646.8
5°	80.3	97.8	119.2	144.6	178.6	222.5	276.8	346.3	435.7	548.2	663.4
2.5°	81.4	99.0	120.7	146.4	181.0	225.7	280.9	351.6	444.1	557.7	673.2
0°	82.1	99.7	121.7	147.5	182.2	227.2	282.8	353.8	447.6	559.9	676.7
-2.5°	82.9	100.7	122.7	149.2	183.9	229.3	284.9	355.4	450.3	560.5	678.6
-5°	83.4	101.2	123.1	150.0	184.5	229.7	284.8	353.9	448.2	556.2	674.5
-7.5°	83.5	101.2	122.9	149.8	183.8	227.9	281.7	349.5	440.9	547.2	664.3
-10°	83.3	100.8	122.0	148.5	181.7	224.2	276.4	341.8	428.9	532.5	647.1
-12.5°	82.7	99.8	120.6	146.2	178.4	219.0	268.8	330.9	412.2	512.1	622.8
-15°	81.7	98.4	118.5	143.1	173.8	212.2	259.0	316.7	390.7	486.1	592.6
-17.5°	80.4	96.6	115.8	139.2	167.9	203.9	247.3	300.2	367.6	457.1	559.0
-20°	78.7	94.3	112.4	134.5	161.1	195.3	236.3	285.5	345.9	424.0	519.4

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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°	76.6	91.5	108.8	129.9	155.1	186.3	224.1	268.8	321.6	385.6	476.1
-25°	74.4	88.9	105.3	124.8	148.3	176.1	210.1	250.9	298.6	357.2	432.1
-27.5°	72.3	85.8	101.3	119.0	140.6	165.6	196.9	234.1	276.7	326.5	387.5
-30°	69.9	82.4	96.8	112.9	133.2	156.4	183.5	215.4	253.2	298.2	351.3
-32.5°	67.3	78.7	92.5	107.6	125.3	146.5	169.9	198.7	231.6	268.8	314.6
-35°	64.8	75.6	88.1	101.9	116.8	136.7	158.2	182.1	210.1	243.0	279.6
-37.5°	62.3	72.2	83.3	96.2	110.2	126.7	145.7	167.3	191.4	217.6	249.2
-40°	59.5	68.6	79.1	90.7	103.1	117.4	134.5	152.9	173.6	196.6	221.1
-42.5°	56.4	65.2	74.8	84.8	96.2	108.9	123.2	139.9	157.2	176.5	197.8
-45°	53.5	61.5	70.3	79.5	89.0	100.3	113.2	127.2	142.4	158.2	176.1
-47.5°	50.4	57.7	65.9	73.9	82.4	92.0	102.9	115.6	128.3	142.3	156.2
-50°	47.2	54.1	61.0	68.4	76.1	84.1	93.3	104.2	115.8	127.5	139.7
-52.5°	44.5	50.4	56.6	63.0	69.9	77.1	84.8	93.8	103.9	114.1	124.7
-55°	41.6	47.1	52.2	57.9	63.9	70.3	77.2	84.8	92.5	101.8	110.8
-57.5°	38.8	43.7	48.1	53.0	58.4	63.8	70.0	76.4	83.4	90.5	97.9
-60°	36.0	40.1	44.2	48.4	52.9	57.7	62.7	68.4	74.4	80.5	86.9
-62.5°	33.2	36.5	40.0	43.9	47.9	51.6	55.8	60.4	65.3	70.6	76.0
-65°	29.9	32.7	35.7	39.0	42.7	45.7	48.9	52.4	56.5	60.8	65.1
-67.5°	26.5	28.9	31.4	33.9	36.9	39.5	42.1	44.9	47.9	51.5	54.9
-70°	22.7	25.1	27.2	29.3	31.2	33.1	35.3	37.5	39.9	43.1	46.3
-72.5°	18.8	21.0	23.1	24.8	26.2	27.3	28.7	30.3	32.6	35.5	38.3
-75°	15.2	17.0	18.9	20.6	21.5	21.8	22.1	22.9	25.3	28.3	31.0
-77.5°	11.8	13.4	15.0	16.4	17.0	17.3	17.4	17.4	19.2	21.7	24.4
-80°	8.7	9.8	11.1	12.4	12.8	12.9	12.9	12.8	14.3	16.1	18.1
-82.5°	6.1	6.9	7.7	8.6	8.7	8.6	8.5	8.3	9.5	10.8	12.2
-85°	3.6	3.9	4.4	4.9	5.0	4.9	4.8	4.6	5.3	6.0	6.8
-87.5°	1.8	1.9	2.1	2.3	2.2	2.1	2.0	1.8	2.0	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: P626572 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-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	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2
60°	1.1	0.6	0.6	0.8	0.7	0.3	0.6	0.8	0.7	0.6	0.5
57.5°	5.4	4.5	3.2	5.3	5.4	3.8	4.1	5.4	5.2	4.0	4.0
55°	13.6	13.8	14.8	16.2	17.2	17.6	18.1	20.1	22.2	24.3	25.4
52.5°	22.5	25.1	28.4	30.6	32.1	35.2	39.5	41.5	43.5	45.7	47.3
50°	33.1	37.7	41.0	41.5	46.7	50.0	50.8	54.5	58.6	61.1	62.9
47.5°	49.3	55.1	58.0	59.8	66.1	73.0	73.0	75.1	85.3	90.7	93.2
45°	71.0	75.8	80.9	94.1	106.2	110.0	118.2	129.3	136.6	146.6	157.5
42.5°	89.5	98.6	111.3	125.8	137.9	148.0	160.2	173.6	189.7	204.8	217.8
40°	107.8	119.1	134.8	150.5	165.8	179.8	199.5	216.7	235.6	256.4	273.7
37.5°	131.7	146.1	162.3	182.2	205.9	221.5	248.6	273.3	294.7	319.8	335.2
35°	168.4	187.1	201.4	241.6	270.6	288.7	320.8	361.4	377.1	408.7	423.6
32.5°	214.5	239.3	277.2	330.4	369.0	402.4	450.3	491.6	526.7	558.5	591.5
30°	266.3	304.7	360.4	431.1	470.4	517.2	582.0	630.9	686.0	746.5	767.7
27.5°	313.3	370.8	435.5	492.8	549.2	607.5	671.1	733.9	793.6	844.0	877.8
25°	356.9	426.5	489.4	550.6	611.7	677.4	749.4	820.6	886.3	938.0	977.4
22.5°	401.8	475.4	542.7	604.8	675.8	750.3	826.8	908.5	983.2	1037.0	1079.9
20°	444.1	525.9	602.7	673.4	740.5	826.5	914.6	1001.3	1082.6	1146.6	1196.2
17.5°	511.2	582.2	676.0	767.9	843.5	922.4	1040.3	1129.7	1220.0	1296.7	1349.1
15°	593.5	671.6	768.5	894.7	998.3	1088.8	1210.5	1356.0	1462.5	1560.4	1627.5
12.5°	676.0	764.2	869.1	1011.0	1158.6	1265.2	1412.8	1597.2	1721.3	1872.8	1947.6
10°	739.1	850.0	958.0	1087.5	1229.3	1381.0	1540.1	1712.6	1878.4	2008.6	2124.9
7.5°	764.6	882.7	1007.7	1139.9	1281.5	1438.2	1607.8	1787.3	1957.9	2103.3	2231.1
5°	783.6	904.6	1030.4	1165.6	1317.0	1480.6	1652.8	1841.3	2015.5	2171.2	2302.0
2.5°	795.7	917.8	1043.1	1180.5	1339.8	1508.2	1685.9	1879.4	2056.2	2216.6	2347.0
0°	800.3	920.7	1049.0	1190.5	1348.2	1517.0	1702.3	1898.1	2076.3	2231.4	2365.5
-2.5°	800.9	918.0	1049.4	1190.2	1341.0	1511.4	1699.1	1893.2	2067.8	2222.2	2357.5
-5°	794.6	911.7	1043.1	1181.8	1332.9	1502.0	1681.6	1869.2	2035.7	2186.0	2316.3
-7.5°	781.9	898.6	1027.2	1162.7	1309.7	1473.7	1646.2	1820.6	1983.9	2128.1	2252.4
-10°	763.0	877.2	1001.3	1133.4	1272.5	1428.5	1592.9	1759.6	1912.8	2046.1	2161.1
-12.5°	737.4	849.0	967.5	1093.5	1223.0	1371.8	1527.1	1683.5	1823.1	1944.9	2048.1
-15°	704.2	813.2	927.9	1047.1	1172.7	1307.1	1446.5	1590.1	1718.8	1826.8	1921.0
-17.5°	665.0	770.7	879.7	990.1	1109.3	1235.5	1364.9	1493.7	1603.6	1699.4	1785.6
-20°	621.3	723.2	826.7	929.6	1037.8	1154.5	1274.0	1387.1	1483.1	1570.2	1649.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626572 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-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°	572.3	669.8	769.0	865.4	962.9	1068.6	1175.3	1277.6	1367.4	1441.9	1510.4
-25°	519.9	610.0	703.6	794.0	883.8	978.5	1075.4	1169.6	1248.6	1313.3	1369.9
-27.5°	467.0	549.4	631.9	717.0	799.9	887.4	975.1	1056.4	1127.4	1186.9	1234.5
-30°	411.6	485.1	560.5	637.5	716.7	796.6	875.9	947.1	1009.1	1061.4	1102.6
-32.5°	365.4	421.3	487.8	557.7	632.0	704.8	773.8	838.7	897.1	942.8	977.7
-35°	321.2	368.5	418.4	480.2	543.9	611.0	674.5	732.4	784.4	824.4	857.2
-37.5°	283.1	320.6	362.8	406.9	460.4	515.8	573.0	627.5	673.9	708.7	738.0
-40°	250.2	279.8	313.5	348.5	387.8	427.7	477.5	523.5	561.3	593.9	620.5
-42.5°	220.4	245.4	270.3	299.0	328.7	360.7	395.7	429.7	458.7	486.1	508.6
-45°	194.8	214.7	234.5	256.7	278.5	304.5	329.5	351.8	375.4	395.8	411.9
-47.5°	172.3	187.9	204.8	221.4	238.9	258.6	277.2	294.1	311.4	326.3	338.3
-50°	152.4	165.3	179.1	192.2	206.3	220.7	234.4	247.9	261.0	272.3	281.2
-52.5°	134.9	146.2	157.0	167.4	178.6	189.2	199.2	210.3	220.5	229.5	235.5
-55°	120.0	129.2	138.1	146.8	155.3	163.3	171.3	179.9	187.8	194.9	199.4
-57.5°	106.1	113.9	121.4	128.5	135.2	141.6	148.3	154.9	161.0	166.4	169.9
-60°	93.4	99.8	106.2	112.0	117.4	122.5	128.2	133.5	138.4	142.6	145.0
-62.5°	81.7	87.5	92.2	96.8	101.4	106.0	110.0	114.0	117.8	121.0	123.1
-65°	69.5	74.4	78.5	82.1	85.4	89.0	92.4	95.5	98.2	100.3	101.7
-67.5°	58.6	62.2	65.5	68.4	71.4	74.2	76.8	79.2	81.2	82.7	83.6
-70°	49.2	51.9	54.6	57.2	59.9	62.1	64.0	65.7	67.3	68.0	68.3
-72.5°	40.9	43.3	45.6	48.0	50.2	51.9	53.3	54.6	55.8	54.8	53.0
-75°	33.3	35.5	37.7	39.7	41.7	43.0	44.0	45.0	45.9	43.7	40.8
-77.5°	27.1	29.0	30.7	32.3	33.9	34.7	35.4	36.0	36.6	34.2	31.2
-80°	20.1	21.7	23.0	24.4	25.7	26.2	26.5	26.7	26.9	24.8	22.4
-82.5°	13.6	14.4	15.2	15.9	16.8	17.2	17.5	17.7	17.9	16.4	14.8
-85°	7.6	7.9	8.1	8.2	8.3	8.6	8.9	9.1	9.3	8.6	7.8
-87.5°	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.4	2.3
-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: P626572 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-740-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	0.0
62.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
60°	0.4	0.2	0.2	0.2	0.2	0.2	0.4	0.5	0.6	0.7	0.8
57.5°	3.7	3.3	2.9	2.6	2.9	3.3	3.7	4.0	4.0	5.2	5.4
55°	25.0	23.3	21.2	18.7	21.2	23.3	25.0	25.4	24.3	22.2	20.1
52.5°	49.0	50.6	51.5	51.4	51.5	50.6	49.0	47.3	45.7	43.5	41.5
50°	64.4	65.3	65.3	64.6	65.3	65.3	64.4	62.9	61.1	58.6	54.5
47.5°	94.4	93.2	91.0	88.7	91.0	93.2	94.4	93.2	90.7	85.3	75.1
45°	164.7	168.6	168.4	163.3	168.4	168.6	164.7	157.5	146.6	136.6	129.3
42.5°	225.1	231.0	235.2	237.4	235.2	231.0	225.1	217.8	204.8	189.7	173.6
40°	283.5	289.2	291.8	291.6	291.8	289.2	283.5	273.7	256.4	235.6	216.7
37.5°	345.2	352.7	356.3	354.6	356.3	352.7	345.2	335.2	319.8	294.7	273.3
35°	430.1	437.1	437.3	433.7	437.3	437.1	430.1	423.6	408.7	377.1	361.4
32.5°	617.8	620.1	602.2	595.9	602.2	620.1	617.8	591.5	558.5	526.7	491.6
30°	788.8	805.3	820.6	828.4	820.6	805.3	788.8	767.7	746.5	686.0	630.9
27.5°	903.2	923.1	935.3	936.1	935.3	923.1	903.2	877.8	844.0	793.6	733.9
25°	1007.3	1029.5	1042.9	1047.5	1042.9	1029.5	1007.3	977.4	938.0	886.3	820.6
22.5°	1116.3	1142.5	1159.8	1163.3	1159.8	1142.5	1116.3	1079.9	1037.0	983.2	908.5
20°	1242.8	1273.3	1289.8	1289.2	1289.8	1273.3	1242.8	1196.2	1146.6	1082.6	1001.3
17.5°	1409.4	1442.0	1456.4	1450.1	1456.4	1442.0	1409.4	1349.1	1296.7	1220.0	1129.7
15°	1696.4	1764.7	1764.5	1737.2	1764.5	1764.7	1696.4	1627.5	1560.4	1462.5	1356.0
12.5°	2050.6	2101.4	2153.7	2164.9	2153.7	2101.4	2050.6	1947.6	1872.8	1721.3	1597.2
10°	2222.9	2290.4	2335.0	2333.9	2335.0	2290.4	2222.9	2124.9	2008.6	1878.4	1712.6
7.5°	2330.6	2405.3	2459.4	2458.2	2459.4	2405.3	2330.6	2231.1	2103.3	1957.9	1787.3
5°	2413.8	2496.7	2544.5	2548.1	2544.5	2496.7	2413.8	2302.0	2171.2	2015.5	1841.3
2.5°	2457.1	2543.5	2601.0	2593.5	2601.0	2543.5	2457.1	2347.0	2216.6	2056.2	1879.4
0°	2475.1	2560.7	2614.4	2637.5	2614.4	2560.7	2475.1	2365.5	2231.4	2076.3	1898.1
-2.5°	2467.3	2550.5	2609.9	2612.1	2609.9	2550.5	2467.3	2357.5	2222.2	2067.8	1893.2
-5°	2425.0	2512.8	2552.5	2573.7	2552.5	2512.8	2425.0	2316.3	2186.0	2035.7	1869.2
-7.5°	2356.8	2422.6	2473.1	2496.4	2473.1	2422.6	2356.8	2252.4	2128.1	1983.9	1820.6
-10°	2250.7	2318.8	2361.5	2380.8	2361.5	2318.8	2250.7	2161.1	2046.1	1912.8	1759.6
-12.5°	2133.2	2195.1	2235.6	2251.9	2235.6	2195.1	2133.2	2048.1	1944.9	1823.1	1683.5
-15°	2002.0	2058.3	2095.6	2111.2	2095.6	2058.3	2002.0	1921.0	1826.8	1718.8	1590.1
-17.5°	1857.6	1906.9	1944.2	1955.4	1944.2	1906.9	1857.6	1785.6	1699.4	1603.6	1493.7
-20°	1709.2	1753.8	1784.4	1791.1	1784.4	1753.8	1709.2	1649.1	1570.2	1483.1	1387.1



REPORT NUMBER: P626572 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-740-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°	1559.7	1596.4	1621.2	1629.6	1621.2	1596.4	1559.7	1510.4	1441.9	1367.4	1277.6
-25°	1413.5	1445.1	1465.2	1472.7	1465.2	1445.1	1413.5	1369.9	1313.3	1248.6	1169.6
-27.5°	1272.9	1302.5	1320.9	1323.3	1320.9	1302.5	1272.9	1234.5	1186.9	1127.4	1056.4
-30°	1134.6	1159.0	1173.1	1179.2	1173.1	1159.0	1134.6	1102.6	1061.4	1009.1	947.1
-32.5°	1005.3	1026.6	1039.4	1042.8	1039.4	1026.6	1005.3	977.7	942.8	897.1	838.7
-35°	883.3	903.0	914.2	913.3	914.2	903.0	883.3	857.2	824.4	784.4	732.4
-37.5°	762.3	780.4	790.7	789.8	790.7	780.4	762.3	738.0	708.7	673.9	627.5
-40°	642.3	657.9	667.0	669.2	667.0	657.9	642.3	620.5	593.9	561.3	523.5
-42.5°	527.4	541.8	549.0	546.2	549.0	541.8	527.4	508.6	486.1	458.7	429.7
-45°	423.1	430.6	435.5	438.6	435.5	430.6	423.1	411.9	395.8	375.4	351.8
-47.5°	347.0	353.2	356.6	357.2	356.6	353.2	347.0	338.3	326.3	311.4	294.1
-50°	288.1	293.4	295.7	295.0	295.7	293.4	288.1	281.2	272.3	261.0	247.9
-52.5°	239.9	243.0	245.0	246.0	245.0	243.0	239.9	235.5	229.5	220.5	210.3
-55°	202.8	205.1	206.5	207.0	206.5	205.1	202.8	199.4	194.9	187.8	179.9
-57.5°	172.8	175.0	175.9	175.6	175.9	175.0	172.8	169.9	166.4	161.0	154.9
-60°	146.8	148.1	149.1	149.6	149.1	148.1	146.8	145.0	142.6	138.4	133.5
-62.5°	124.7	126.0	126.9	127.5	126.9	126.0	124.7	123.1	121.0	117.8	114.0
-65°	102.6	103.1	103.3	103.1	103.3	103.1	102.6	101.7	100.3	98.2	95.5
-67.5°	84.3	84.8	85.1	85.2	85.1	84.8	84.3	83.6	82.7	81.2	79.2
-70°	68.5	68.7	68.5	68.0	68.5	68.7	68.5	68.3	68.0	67.3	65.7
-72.5°	51.2	49.3	47.5	45.4	47.5	49.3	51.2	53.0	54.8	55.8	54.6
-75°	37.7	34.5	33.3	32.2	33.3	34.5	37.7	40.8	43.7	45.9	45.0
-77.5°	28.0	24.7	23.8	23.0	23.8	24.7	28.0	31.2	34.2	36.6	36.0
-80°	19.9	17.3	16.7	16.2	16.7	17.3	19.9	22.4	24.8	26.9	26.7
-82.5°	13.1	11.3	10.9	10.6	10.9	11.3	13.1	14.8	16.4	17.9	17.7
-85°	7.0	6.2	6.0	5.8	6.0	6.2	7.0	7.8	8.6	9.3	9.1
-87.5°	2.2	2.1	2.1	2.1	2.1	2.1	2.2	2.3	2.4	2.5	2.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626572 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-740-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	0.0	0.1	0.1	0.2	0.2	0.2	0.1	0.1
85°	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
82.5°	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
80°	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
77.5°	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
75°	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
72.5°	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
70°	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2
67.5°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
65°	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
62.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.3	0.4
60°	0.6	0.3	0.7	0.8	0.6	0.6	1.1	1.0	0.4	1.4	1.7
57.5°	4.1	3.8	5.4	5.3	3.2	4.5	5.4	3.6	2.5	4.0	4.9
55°	18.1	17.6	17.2	16.2	14.8	13.8	13.6	13.6	10.8	7.9	8.9
52.5°	39.5	35.2	32.1	30.6	28.4	25.1	22.5	22.0	21.3	17.6	14.6
50°	50.8	50.0	46.7	41.5	41.0	37.7	33.1	30.0	29.6	27.1	22.4
47.5°	73.0	73.0	66.1	59.8	58.0	55.1	49.3	40.8	40.0	37.9	32.7
45°	118.2	110.0	106.2	94.1	80.9	75.8	71.0	60.8	52.4	49.1	45.5
42.5°	160.2	148.0	137.9	125.8	111.3	98.6	89.5	78.3	68.1	61.1	55.9
40°	199.5	179.8	165.8	150.5	134.8	119.1	107.8	93.7	82.1	72.7	67.2
37.5°	248.6	221.5	205.9	182.2	162.3	146.1	131.7	113.7	95.2	87.5	80.7
35°	320.8	288.7	270.6	241.6	201.4	187.1	168.4	141.4	117.9	104.9	96.4
32.5°	450.3	402.4	369.0	330.4	277.2	239.3	214.5	184.4	146.9	128.1	114.0
30°	582.0	517.2	470.4	431.1	360.4	304.7	266.3	223.8	183.3	152.7	133.7
27.5°	671.1	607.5	549.2	492.8	435.5	370.8	313.3	258.7	214.5	180.3	155.6
25°	749.4	677.4	611.7	550.6	489.4	426.5	356.9	295.6	243.6	204.5	172.3
22.5°	826.8	750.3	675.8	604.8	542.7	475.4	401.8	331.3	271.6	231.1	192.4
20°	914.6	826.5	740.5	673.4	602.7	525.9	444.1	376.8	318.3	262.8	214.4
17.5°	1040.3	922.4	843.5	767.9	676.0	582.2	511.2	440.7	368.6	296.3	237.4
15°	1210.5	1088.8	998.3	894.7	768.5	671.6	593.5	507.9	422.6	336.0	264.8
12.5°	1412.8	1265.2	1158.6	1011.0	869.1	764.2	676.0	580.2	475.3	371.9	290.3
10°	1540.1	1381.0	1229.3	1087.5	958.0	850.0	739.1	622.2	505.6	399.0	312.4
7.5°	1607.8	1438.2	1281.5	1139.9	1007.7	882.7	764.6	646.8	529.9	420.1	331.0
5°	1652.8	1480.6	1317.0	1165.6	1030.4	904.6	783.6	663.4	548.2	435.7	346.3
2.5°	1685.9	1508.2	1339.8	1180.5	1043.1	917.8	795.7	673.2	557.7	444.1	351.6
0°	1702.3	1517.0	1348.2	1190.5	1049.0	920.7	800.3	676.7	559.9	447.6	353.8
-2.5°	1699.1	1511.4	1341.0	1190.2	1049.4	918.0	800.9	678.6	560.5	450.3	355.4
-5°	1681.6	1502.0	1332.9	1181.8	1043.1	911.7	794.6	674.5	556.2	448.2	353.9
-7.5°	1646.2	1473.7	1309.7	1162.7	1027.2	898.6	781.9	664.3	547.2	440.9	349.5
-10°	1592.9	1428.5	1272.5	1133.4	1001.3	877.2	763.0	647.1	532.5	428.9	341.8
-12.5°	1527.1	1371.8	1223.0	1093.5	967.5	849.0	737.4	622.8	512.1	412.2	330.9
-15°	1446.5	1307.1	1172.7	1047.1	927.9	813.2	704.2	592.6	486.1	390.7	316.7
-17.5°	1364.9	1235.5	1109.3	990.1	879.7	770.7	665.0	559.0	457.1	367.6	300.2
-20°	1274.0	1154.5	1037.8	929.6	826.7	723.2	621.3	519.4	424.0	345.9	285.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626572 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-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°	1175.3	1068.6	962.9	865.4	769.0	669.8	572.3	476.1	385.6	321.6	268.8
-25°	1075.4	978.5	883.8	794.0	703.6	610.0	519.9	432.1	357.2	298.6	250.9
-27.5°	975.1	887.4	799.9	717.0	631.9	549.4	467.0	387.5	326.5	276.7	234.1
-30°	875.9	796.6	716.7	637.5	560.5	485.1	411.6	351.3	298.2	253.2	215.4
-32.5°	773.8	704.8	632.0	557.7	487.8	421.3	365.4	314.6	268.8	231.6	198.7
-35°	674.5	611.0	543.9	480.2	418.4	368.5	321.2	279.6	243.0	210.1	182.1
-37.5°	573.0	515.8	460.4	406.9	362.8	320.6	283.1	249.2	217.6	191.4	167.3
-40°	477.5	427.7	387.8	348.5	313.5	279.8	250.2	221.1	196.6	173.6	152.9
-42.5°	395.7	360.7	328.7	299.0	270.3	245.4	220.4	197.8	176.5	157.2	139.9
-45°	329.5	304.5	278.5	256.7	234.5	214.7	194.8	176.1	158.2	142.4	127.2
-47.5°	277.2	258.6	238.9	221.4	204.8	187.9	172.3	156.2	142.3	128.3	115.6
-50°	234.4	220.7	206.3	192.2	179.1	165.3	152.4	139.7	127.5	115.8	104.2
-52.5°	199.2	189.2	178.6	167.4	157.0	146.2	134.9	124.7	114.1	103.9	93.8
-55°	171.3	163.3	155.3	146.8	138.1	129.2	120.0	110.8	101.8	92.5	84.8
-57.5°	148.3	141.6	135.2	128.5	121.4	113.9	106.1	97.9	90.5	83.4	76.4
-60°	128.2	122.5	117.4	112.0	106.2	99.8	93.4	86.9	80.5	74.4	68.4
-62.5°	110.0	106.0	101.4	96.8	92.2	87.5	81.7	76.0	70.6	65.3	60.4
-65°	92.4	89.0	85.4	82.1	78.5	74.4	69.5	65.1	60.8	56.5	52.4
-67.5°	76.8	74.2	71.4	68.4	65.5	62.2	58.6	54.9	51.5	47.9	44.9
-70°	64.0	62.1	59.9	57.2	54.6	51.9	49.2	46.3	43.1	39.9	37.5
-72.5°	53.3	51.9	50.2	48.0	45.6	43.3	40.9	38.3	35.5	32.6	30.3
-75°	44.0	43.0	41.7	39.7	37.7	35.5	33.3	31.0	28.3	25.3	22.9
-77.5°	35.4	34.7	33.9	32.3	30.7	29.0	27.1	24.4	21.7	19.2	17.4
-80°	26.5	26.2	25.7	24.4	23.0	21.7	20.1	18.1	16.1	14.3	12.8
-82.5°	17.5	17.2	16.8	15.9	15.2	14.4	13.6	12.2	10.8	9.5	8.3
-85°	8.9	8.6	8.3	8.2	8.1	7.9	7.6	6.8	6.0	5.3	4.6
-87.5°	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.4	2.2	2.0	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



REPORT NUMBER: P626572 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-740-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°	0.1	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	0.1	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	0.3	0.2	0.2
65°	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.4	0.3	0.3	0.2
62.5°	0.4	0.2	0.5	0.7	0.4	0.4	0.3	0.8	0.5	0.4	0.3
60°	0.8	0.7	1.3	2.0	1.5	0.6	0.8	1.4	1.3	0.5	0.4
57.5°	4.4	2.0	2.9	3.8	3.7	2.1	1.7	2.3	2.1	1.2	0.5
55°	9.1	7.7	6.1	6.1	6.2	4.9	3.5	3.6	3.2	2.3	0.8
52.5°	13.8	13.4	11.9	9.6	8.9	8.1	6.6	5.1	4.7	3.4	1.8
50°	19.6	18.6	17.4	15.1	12.2	11.1	9.7	7.8	6.4	4.7	2.9
47.5°	26.3	24.5	22.7	20.5	17.3	14.4	12.8	10.5	8.3	6.4	4.1
45°	36.8	30.7	28.4	25.8	22.5	18.9	16.0	13.3	10.7	8.2	5.3
42.5°	47.5	39.0	34.1	31.3	27.9	23.7	19.4	16.3	13.2	10.0	6.7
40°	58.3	47.8	40.3	36.8	33.4	28.5	23.6	19.4	15.5	11.8	8.2
37.5°	69.9	57.7	47.5	42.5	38.9	33.7	28.0	22.7	17.9	13.8	9.7
35°	84.4	69.3	55.4	49.2	44.3	39.0	32.3	26.2	20.8	15.8	11.2
32.5°	100.8	82.2	66.6	56.5	49.8	44.4	36.9	30.1	23.8	17.8	12.6
30°	117.0	95.5	77.2	63.7	55.7	49.4	41.8	34.1	26.8	19.8	14.1
27.5°	129.4	106.9	87.2	72.3	62.2	54.4	46.6	38.1	29.9	21.9	15.7
25°	142.1	117.5	96.9	80.7	68.6	59.6	51.3	42.1	33.2	24.5	17.3
22.5°	156.9	127.6	105.1	88.4	75.3	64.8	55.8	46.2	36.5	26.9	18.9
20°	171.4	136.9	112.6	97.3	82.7	70.6	60.2	50.0	39.8	29.4	20.4
17.5°	186.2	149.9	125.0	106.5	90.2	76.3	64.5	53.7	42.9	31.7	21.8
15°	208.5	167.3	137.6	115.6	97.6	82.0	68.8	57.1	46.0	34.0	23.1
12.5°	229.6	183.7	149.8	124.6	104.6	87.4	72.9	60.4	48.9	35.9	24.1
10°	248.2	199.0	161.5	133.2	111.3	92.7	76.8	62.9	50.6	37.5	25.1
7.5°	264.4	213.0	172.5	141.3	117.0	96.2	78.8	64.2	51.9	38.8	25.9
5°	276.8	222.5	178.6	144.6	119.2	97.8	80.3	65.3	53.0	39.9	26.6
2.5°	280.9	225.7	181.0	146.4	120.7	99.0	81.4	66.1	53.7	40.9	27.2
0°	282.8	227.2	182.2	147.5	121.7	99.7	82.1	66.7	54.3	41.6	27.7
-2.5°	284.9	229.3	183.9	149.2	122.7	100.7	82.9	67.6	55.1	42.4	28.5
-5°	284.8	229.7	184.5	150.0	123.1	101.2	83.4	68.2	55.6	43.0	29.2
-7.5°	281.7	227.9	183.8	149.8	122.9	101.2	83.5	68.6	56.0	43.4	29.7
-10°	276.4	224.2	181.7	148.5	122.0	100.8	83.3	68.7	56.1	43.6	30.1
-12.5°	268.8	219.0	178.4	146.2	120.6	99.8	82.7	68.4	56.0	43.5	30.3
-15°	259.0	212.2	173.8	143.1	118.5	98.4	81.7	67.7	55.5	43.2	30.3
-17.5°	247.3	203.9	167.9	139.2	115.8	96.6	80.4	66.8	54.9	42.7	30.3
-20°	236.3	195.3	161.1	134.5	112.4	94.3	78.7	65.6	54.0	42.0	30.1



REPORT NUMBER: P626572 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-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°	224.1	186.3	155.1	129.9	108.8	91.5	76.6	64.2	53.0	41.1	29.9
-25°	210.1	176.1	148.3	124.8	105.3	88.9	74.4	62.5	51.9	40.2	29.5
-27.5°	196.9	165.6	140.6	119.0	101.3	85.8	72.3	61.0	50.6	39.1	28.9
-30°	183.5	156.4	133.2	112.9	96.8	82.4	69.9	59.3	49.1	38.2	28.3
-32.5°	169.9	146.5	125.3	107.6	92.5	78.7	67.3	57.5	47.6	37.3	27.7
-35°	158.2	136.7	116.8	101.9	88.1	75.6	64.8	55.6	46.0	36.3	27.2
-37.5°	145.7	126.7	110.2	96.2	83.3	72.2	62.3	53.4	44.4	35.1	26.5
-40°	134.5	117.4	103.1	90.7	79.1	68.6	59.5	51.0	42.8	33.8	25.7
-42.5°	123.2	108.9	96.2	84.8	74.8	65.2	56.4	48.5	40.9	32.7	24.7
-45°	113.2	100.3	89.0	79.5	70.3	61.5	53.5	45.9	38.8	31.5	23.7
-47.5°	102.9	92.0	82.4	73.9	65.9	57.7	50.4	43.4	36.6	30.1	22.7
-50°	93.3	84.1	76.1	68.4	61.0	54.1	47.2	40.9	34.6	28.3	21.6
-52.5°	84.8	77.1	69.9	63.0	56.6	50.4	44.5	38.4	32.5	26.6	20.4
-55°	77.2	70.3	63.9	57.9	52.2	47.1	41.6	36.0	30.3	24.8	19.1
-57.5°	70.0	63.8	58.4	53.0	48.1	43.7	38.8	33.5	28.2	22.9	17.9
-60°	62.7	57.7	52.9	48.4	44.2	40.1	36.0	31.0	25.9	20.9	16.5
-62.5°	55.8	51.6	47.9	43.9	40.0	36.5	33.2	28.3	23.6	19.0	14.9
-65°	48.9	45.7	42.7	39.0	35.7	32.7	29.9	25.6	21.1	16.9	13.2
-67.5°	42.1	39.5	36.9	33.9	31.4	28.9	26.5	22.6	18.5	14.8	11.6
-70°	35.3	33.1	31.2	29.3	27.2	25.1	22.7	19.3	15.7	12.7	9.8
-72.5°	28.7	27.3	26.2	24.8	23.1	21.0	18.8	16.0	13.2	10.6	8.1
-75°	22.1	21.8	21.5	20.6	18.9	17.0	15.2	13.1	10.7	8.4	6.6
-77.5°	17.4	17.3	17.0	16.4	15.0	13.4	11.8	10.0	8.2	6.6	5.1
-80°	12.9	12.9	12.8	12.4	11.1	9.8	8.7	7.6	6.2	4.9	3.7
-82.5°	8.5	8.6	8.7	8.6	7.7	6.9	6.1	5.3	4.2	3.2	2.5
-85°	4.8	4.9	5.0	4.9	4.4	3.9	3.6	3.2	2.6	2.1	1.6
-87.5°	2.0	2.1	2.2	2.3	2.1	1.9	1.8	1.6	1.3	1.1	0.8
-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: P626572 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-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	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.1	0.1	0.1	0.1	0.0	0.0	0.0
82.5°	0.2	0.1	0.1	0.1	0.1	0.0	0.0
80°	0.2	0.2	0.1	0.1	0.1	0.0	0.0
77.5°	0.2	0.2	0.2	0.1	0.1	0.0	0.0
75°	0.2	0.2	0.2	0.2	0.1	0.1	0.0
72.5°	0.2	0.2	0.2	0.2	0.1	0.1	0.0
70°	0.2	0.2	0.2	0.2	0.1	0.1	0.0
67.5°	0.2	0.2	0.2	0.2	0.2	0.1	0.0
65°	0.2	0.2	0.2	0.2	0.2	0.1	0.0
62.5°	0.3	0.3	0.2	0.2	0.2	0.1	0.0
60°	0.3	0.3	0.2	0.2	0.2	0.1	0.0
57.5°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
55°	0.8	0.4	0.3	0.2	0.2	0.1	0.0
52.5°	1.1	0.6	0.4	0.2	0.2	0.1	0.0
50°	1.5	0.9	0.4	0.2	0.2	0.1	0.0
47.5°	1.9	1.2	0.5	0.2	0.2	0.1	0.0
45°	3.0	1.6	0.6	0.3	0.2	0.1	0.0
42.5°	4.0	2.0	0.7	0.3	0.2	0.1	0.0
40°	5.0	2.4	0.9	0.4	0.2	0.2	0.0
37.5°	6.0	2.8	1.2	0.5	0.2	0.2	0.0
35°	6.9	3.5	1.5	0.6	0.3	0.2	0.0
32.5°	8.0	4.3	1.8	0.7	0.3	0.2	0.0
30°	9.2	5.0	2.2	0.8	0.3	0.2	0.0
27.5°	10.3	5.8	2.5	0.9	0.3	0.2	0.0
25°	11.4	6.5	2.9	1.0	0.3	0.2	0.0
22.5°	12.5	7.2	3.3	1.1	0.3	0.2	0.0
20°	13.5	7.9	3.6	1.2	0.3	0.2	0.0
17.5°	14.4	8.5	4.0	1.3	0.3	0.2	0.0
15°	15.3	9.1	4.3	1.5	0.3	0.2	0.0
12.5°	16.1	9.6	4.6	1.6	0.3	0.2	0.0
10°	16.8	10.2	4.9	1.7	0.4	0.2	0.0
7.5°	17.4	10.6	5.2	1.8	0.4	0.2	0.0
5°	17.9	11.0	5.4	1.9	0.4	0.2	0.0
2.5°	18.4	11.4	5.6	2.0	0.4	0.2	0.0
0°	18.8	11.7	5.8	2.1	0.4	0.2	0.0
-2.5°	19.3	12.1	6.1	2.2	0.5	0.2	0.0
-5°	19.8	12.4	6.3	2.3	0.5	0.2	0.0
-7.5°	20.1	12.6	6.5	2.4	0.6	0.2	0.0
-10°	20.3	12.8	6.7	2.5	0.6	0.2	0.0
-12.5°	20.5	12.9	6.8	2.6	0.7	0.3	0.0
-15°	20.5	13.0	6.9	2.7	0.7	0.3	0.0
-17.5°	20.5	13.0	6.9	2.7	0.8	0.3	0.0
-20°	20.4	12.9	6.9	2.8	0.8	0.3	0.0

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REPORT NUMBER: P626572 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	20.5	12.8	6.8	2.8	0.8	0.3	0.0
-25°	20.4	12.7	6.7	2.8	0.9	0.3	0.0
-27.5°	20.2	12.6	6.6	2.7	0.9	0.3	0.0
-30°	19.9	12.5	6.4	2.7	0.9	0.3	0.0
-32.5°	19.5	12.3	6.3	2.6	0.9	0.3	0.0
-35°	19.1	12.0	6.2	2.6	0.9	0.3	0.0
-37.5°	18.6	11.7	6.0	2.5	0.9	0.3	0.0
-40°	18.1	11.4	5.8	2.4	0.9	0.3	0.0
-42.5°	17.5	11.0	5.6	2.3	0.9	0.3	0.0
-45°	16.7	10.6	5.5	2.2	0.9	0.3	0.0
-47.5°	15.9	10.1	5.3	2.1	0.9	0.3	0.0
-50°	15.1	9.5	5.1	2.0	0.9	0.3	0.0
-52.5°	14.3	8.9	4.8	2.0	0.8	0.3	0.0
-55°	13.5	8.4	4.5	2.0	0.8	0.3	0.0
-57.5°	12.5	7.8	4.1	1.9	0.8	0.2	0.0
-60°	11.5	7.2	3.7	1.8	0.7	0.2	0.0
-62.5°	10.5	6.5	3.5	1.7	0.7	0.2	0.0
-65°	9.4	5.7	3.2	1.5	0.6	0.2	0.0
-67.5°	8.2	5.0	2.8	1.3	0.6	0.2	0.0
-70°	6.9	4.4	2.5	1.2	0.5	0.2	0.0
-72.5°	5.9	3.7	2.1	1.0	0.5	0.1	0.0
-75°	4.8	3.0	1.6	0.9	0.4	0.1	0.0
-77.5°	3.7	2.2	1.3	0.8	0.3	0.1	0.0
-80°	2.5	1.7	1.1	0.6	0.3	0.1	0.0
-82.5°	1.8	1.3	0.8	0.5	0.2	0.1	0.0
-85°	1.2	0.9	0.6	0.3	0.1	0.0	0.0
-87.5°	0.6	0.4	0.3	0.2	0.1	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)