

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: P626818 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-750-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626818 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-12)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1E-750-U-NR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (16) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7801.8 lumens
Efficiency: N/A
Efficacy: 117.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 3H x 3V
Max Intensity: 79083.6 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V
Beam Lumens: 2490.7 lumens
Beam Efficiency: 31.9%

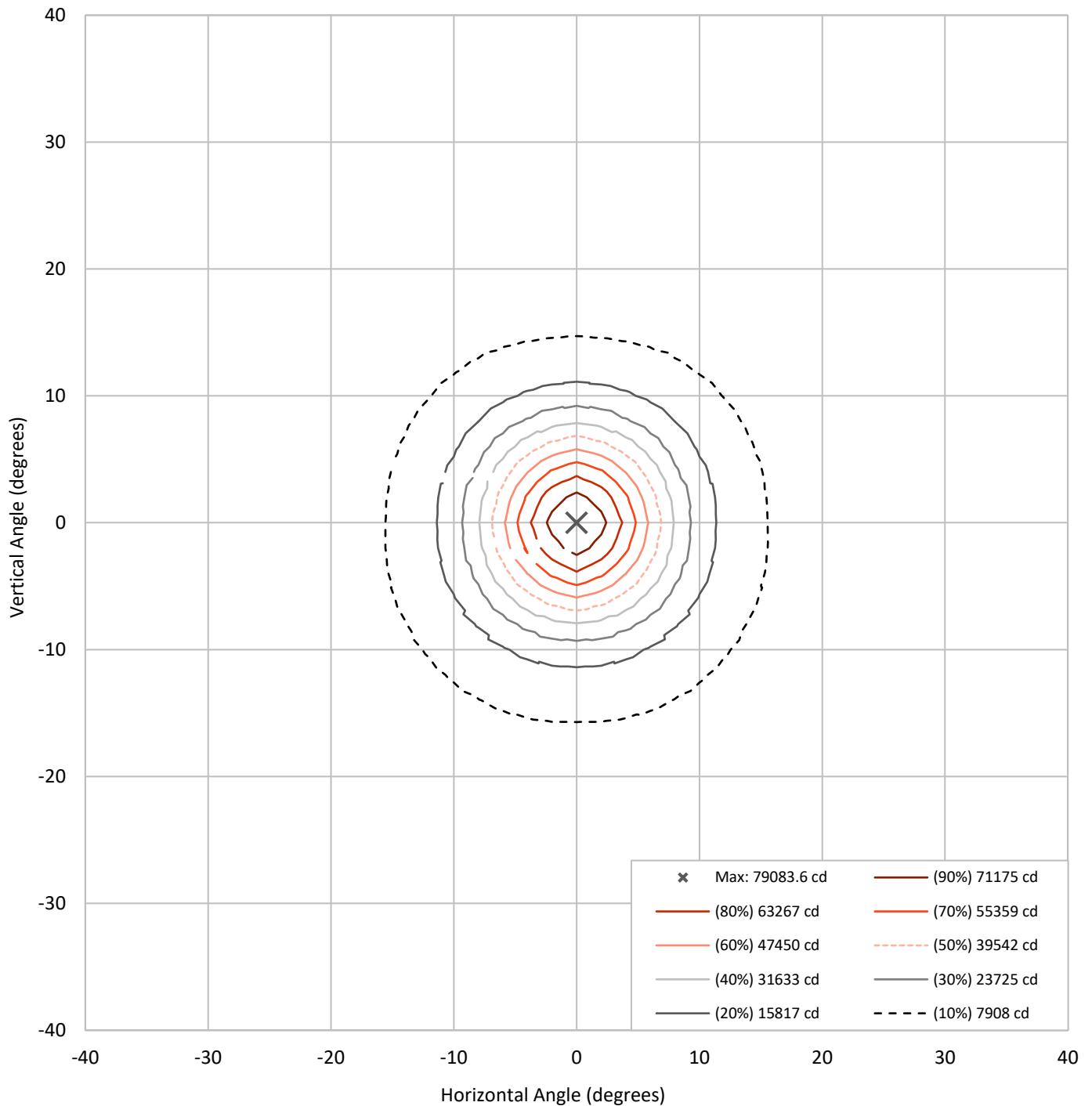
Field Angle (10%): 30.9°H x 30.2°V
Field Lumens: 5547.5 lumens
Field Efficiency: 71.1%

Input Watts (W): 66.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P626818 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1E-750-U-NR-VSR-XX

Iso-Candela Plot





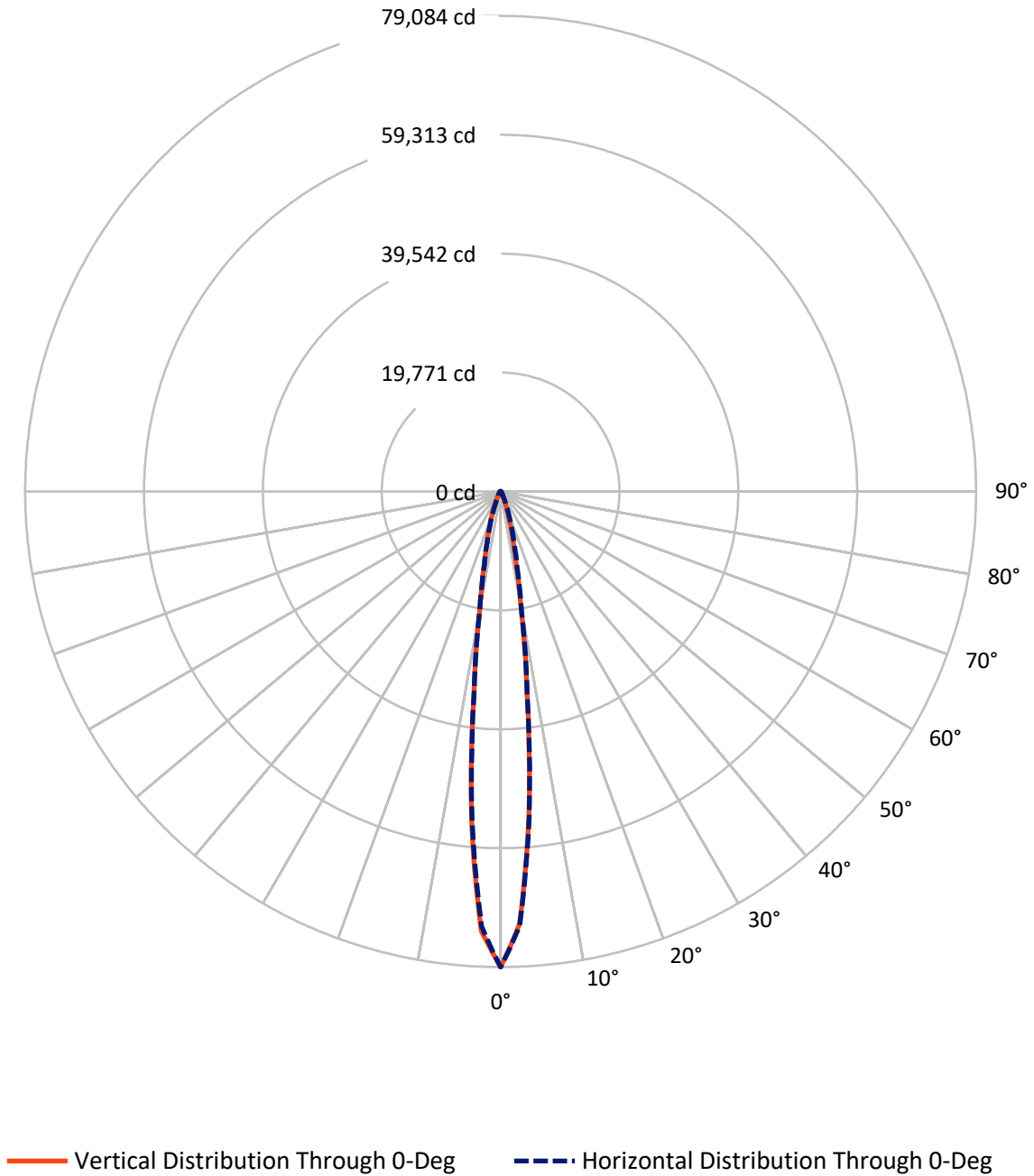
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Lumen Table

90	0.0	0.0	0.0	0.0	0.0	0.0	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	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	0.0	0.0	0.0	0.0	0.0	0.0		
60		0.0	0.1	0.2	0.4	0.7	0.9	1.1	1.1	0.9	0.7	0.4	0.2	0.1	0.0	0.0	0.0		
50	0.0	0.0	0.2	0.7	1.3	1.9	2.6	3.1	3.1	2.6	1.9	1.3	0.7	0.2	0.0	0.0	0.0		
40		0.1	0.5	1.3	2.4	3.7	6.3	8.1	8.1	6.3	3.7	2.4	1.3	0.5	0.1	0.0	0.0		
30	0.1	0.2	0.9	2.0	3.7	7.9	21.2	35.1	35.1	21.2	7.9	3.7	2.0	0.9	0.2	0.1	0.1		
20		0.3	1.2	2.8	6.0	23.7	100.0	219.8	219.8	100.0	23.7	6.0	2.8	1.2	0.3	0.1	0.1		
10	0.1	0.4	1.5	3.3	8.2	44.5	239.6	1074.7	1074.7	239.6	44.5	8.2	3.3	1.5	0.4	0.1	0.1		
0		0.5	1.6	3.4	8.8	47.5	248.0	1093.0	1093.0	248.0	47.5	8.8	3.4	1.6	0.5	0.1	0.1		
-10	0.1	0.5	1.6	3.4	7.7	30.2	120.4	257.5	257.5	120.4	30.2	7.7	3.4	1.6	0.5	0.1	0.1		
-20		0.5	1.5	3.1	6.0	14.1	37.1	61.8	61.8	37.1	14.1	6.0	3.1	1.5	0.5	0.1	0.1		
-30	0.1	0.4	1.4	2.7	4.7	7.7	12.6	16.0	16.0	12.6	7.7	4.7	2.7	1.4	0.4	0.1	0.1		
-40		0.3	1.1	2.3	3.8	5.4	7.3	8.1	8.1	7.3	5.4	3.8	2.3	1.1	0.3	0.1	0.1		
-50	0.1	0.3	0.8	1.8	3.0	4.2	5.3	5.7	5.7	5.3	4.2	3.0	1.8	0.8	0.3	0.1	0.1		
-60		0.2	0.5	1.2	2.0	2.9	3.7	4.0	4.0	3.7	2.9	2.0	1.2	0.5	0.2	0.1	0.1		
-70	0.0	0.5	2.0	4.3	5.5	4.3	2.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
-80		0.5	2.0	4.3	5.5	4.3	2.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
-90	0.0	0.5	2.0	4.3	5.5	4.3	2.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

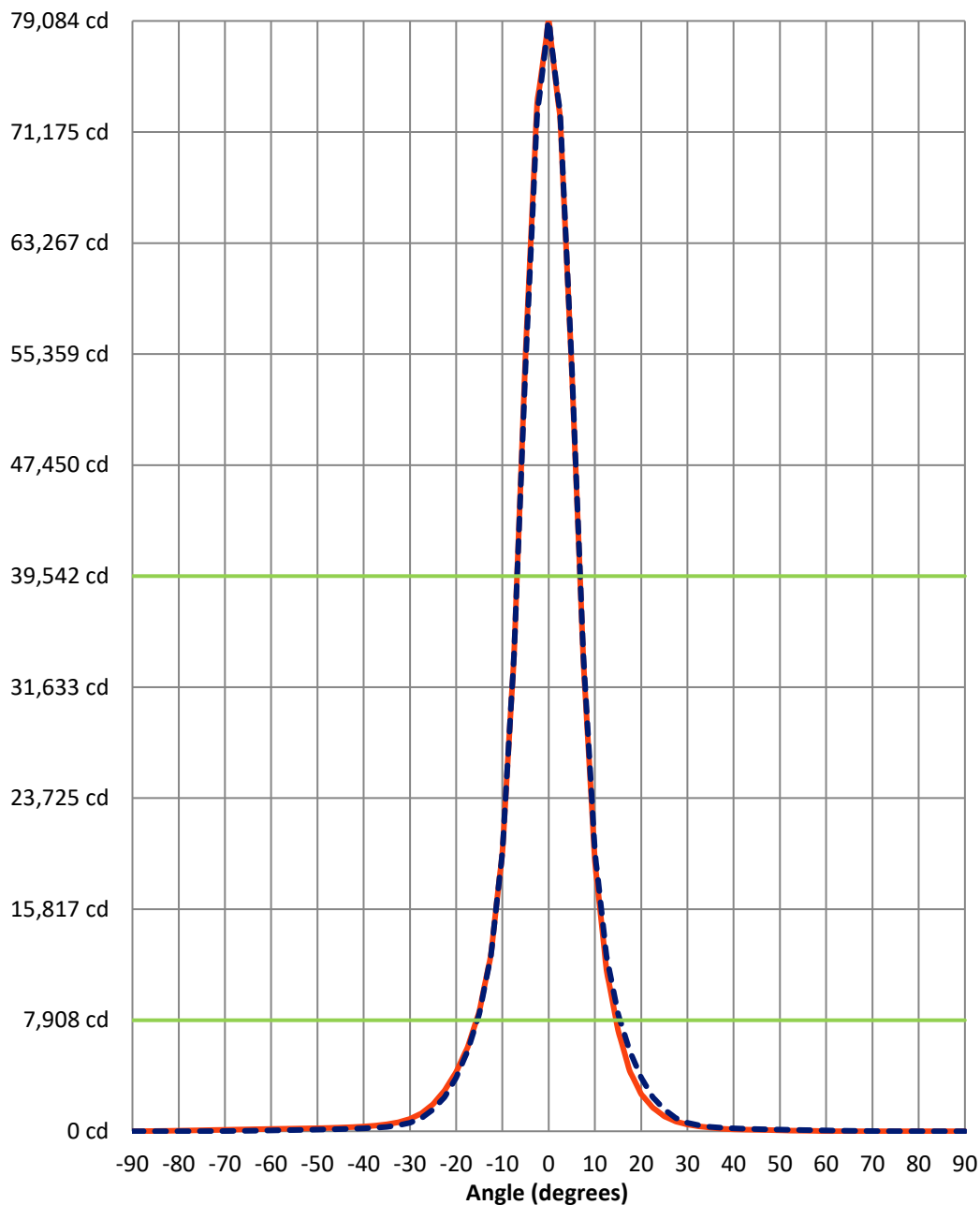
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CATALOG NUMBER: GFLD-SA1E-750-U-NR-VSR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 2490.7
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 5547.5
 Efficiency: 71.1%

Spill:
 Lumens: 2254.2
 Efficiency: 28.9%

— 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	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.1
72.5°	0.0	0.3	0.0	0.0	0.2	0.3	0.1	0.1	0.4	0.4	0.2
70°	0.0	0.3	0.1	0.0	0.3	0.4	0.2	0.5	0.7	0.6	0.2
67.5°	0.0	0.3	0.1	0.2	0.5	0.5	0.6	1.0	1.1	0.7	0.3
65°	0.0	0.4	0.1	0.4	0.7	0.7	1.0	1.4	1.1	0.8	0.5
62.5°	0.0	0.4	0.2	0.5	0.9	1.0	1.3	1.6	1.2	0.9	1.1
60°	0.0	0.5	0.2	0.7	1.1	1.2	1.7	1.7	1.3	1.2	1.6
57.5°	0.0	0.5	0.4	0.9	1.2	1.4	1.7	1.7	1.4	1.5	1.7
55°	0.0	0.6	0.5	1.1	1.3	1.6	1.7	1.7	1.6	1.7	1.7
52.5°	0.0	0.6	0.6	1.3	1.4	1.7	1.7	1.7	1.7	1.7	1.7
50°	0.0	0.7	0.8	1.5	1.5	1.7	1.7	1.7	1.7	1.7	2.0
47.5°	0.0	0.7	0.9	1.6	1.6	1.7	1.7	1.7	1.7	1.7	2.3
45°	0.0	0.8	1.0	1.7	1.6	1.7	1.7	1.7	1.8	2.1	2.7
42.5°	0.0	0.8	1.1	1.7	1.7	1.7	1.7	1.8	1.9	2.5	3.7
40°	0.0	0.9	1.2	1.7	1.7	1.7	1.7	1.9	2.1	3.0	4.8
37.5°	0.0	0.9	1.3	1.7	1.7	1.7	1.7	2.0	2.7	3.8	5.9
35°	0.0	1.0	1.3	1.7	1.7	1.7	1.7	2.2	3.3	4.9	7.2
32.5°	0.0	1.0	1.4	1.7	1.7	1.7	1.7	2.5	4.0	5.9	8.9
30°	0.0	1.1	1.5	1.7	1.7	1.7	1.9	2.8	4.6	6.9	10.8
27.5°	0.0	1.2	1.5	1.7	1.7	1.7	2.1	3.3	5.4	7.9	12.8
25°	0.0	1.2	1.6	1.7	1.7	1.7	2.3	3.8	6.2	9.3	15.0
22.5°	0.0	1.3	1.6	1.7	1.7	1.7	2.5	4.4	6.9	10.9	17.6
20°	0.0	1.3	1.6	1.7	1.7	1.8	2.7	4.9	7.6	12.7	20.0
17.5°	0.0	1.4	1.7	1.7	1.7	2.0	3.0	5.4	8.3	14.4	22.1
15°	0.0	1.4	1.7	1.7	1.7	2.2	3.3	6.0	8.9	16.1	24.1
12.5°	0.0	1.5	1.7	1.7	1.7	2.3	3.6	6.5	9.8	17.7	25.8
10°	0.0	1.5	1.7	1.7	1.7	2.5	3.9	7.0	10.9	19.3	27.4
7.5°	0.0	1.6	1.7	1.7	1.7	2.7	4.2	7.4	12.0	20.6	28.7
5°	0.0	1.6	1.7	1.7	1.7	2.9	4.5	7.8	13.1	21.7	29.9
2.5°	0.0	1.7	1.7	1.7	1.7	3.1	4.8	8.1	14.1	22.6	30.9
0°	0.0	1.7	1.7	1.7	1.7	3.3	5.0	8.4	15.1	23.4	31.8
-2.5°	0.0	1.7	1.7	1.7	1.8	3.5	5.4	8.9	16.0	24.0	32.9
-5°	0.0	1.7	1.7	1.7	2.0	3.6	5.9	9.3	16.7	24.5	33.8
-7.5°	0.0	1.7	1.7	1.7	2.1	3.8	6.2	9.7	17.3	24.9	34.4
-10°	0.0	1.7	1.7	1.7	2.2	3.9	6.6	10.1	17.7	25.2	34.8
-12.5°	0.0	1.7	1.7	1.7	2.3	4.0	6.8	10.4	18.0	25.4	35.5
-15°	0.0	1.6	1.7	1.7	2.4	4.1	7.1	10.7	18.0	26.0	36.1
-17.5°	0.0	1.6	1.7	1.7	2.5	4.2	7.2	10.9	17.9	26.2	36.4
-20°	0.0	1.6	1.7	1.7	2.5	4.3	7.3	11.2	17.7	26.2	36.3

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Scaled Data Report



REPORT NUMBER: P626818 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.6	1.7	1.7	2.6	4.3	7.4	11.3	17.3	25.9	35.9
-25°	0.0	1.5	1.7	1.7	2.5	4.4	7.4	11.4	16.7	25.3	35.1
-27.5°	0.0	1.5	1.7	1.7	2.5	4.5	7.4	11.3	16.1	24.5	34.4
-30°	0.0	1.5	1.7	1.7	2.5	4.6	7.4	11.2	15.7	23.6	33.2
-32.5°	0.0	1.4	1.7	1.7	2.5	4.6	7.3	11.1	15.5	22.5	31.7
-35°	0.0	1.4	1.7	1.7	2.4	4.6	7.3	10.9	15.2	21.3	29.7
-37.5°	0.0	1.3	1.7	1.7	2.4	4.6	7.2	10.7	14.8	20.0	28.5
-40°	0.0	1.3	1.7	1.7	2.3	4.5	7.1	10.4	14.2	19.1	27.5
-42.5°	0.0	1.3	1.7	1.7	2.3	4.4	7.0	10.1	13.8	18.7	26.2
-45°	0.0	1.2	1.7	1.8	2.3	4.2	6.8	9.8	13.4	18.2	24.7
-47.5°	0.0	1.1	1.7	1.8	2.4	4.0	6.5	9.5	12.9	17.4	23.8
-50°	0.0	1.1	1.7	1.8	2.4	3.7	6.2	9.1	12.4	16.7	22.6
-52.5°	0.0	1.0	1.7	1.8	2.4	3.4	5.8	8.6	11.8	15.8	21.1
-55°	0.0	1.0	1.7	1.8	2.4	3.3	5.4	8.0	11.1	14.6	19.5
-57.5°	0.0	0.9	1.7	1.8	2.3	3.2	4.8	7.4	10.3	13.5	17.7
-60°	0.0	0.8	1.7	1.8	2.3	3.1	4.3	6.7	9.4	12.5	15.8
-62.5°	0.0	0.8	1.6	1.8	2.2	3.0	4.1	5.9	8.4	11.3	14.4
-65°	0.0	0.7	1.4	1.8	2.1	2.8	3.8	5.2	7.4	10.0	12.9
-67.5°	0.0	0.7	1.3	1.7	2.1	2.6	3.5	4.7	6.3	8.6	11.2
-70°	0.0	0.6	1.2	1.7	2.0	2.5	3.2	4.3	5.6	7.2	9.5
-72.5°	0.0	0.5	1.0	1.5	1.8	2.2	2.9	3.7	4.9	6.2	7.8
-75°	0.0	0.4	0.9	1.3	1.7	2.0	2.5	3.3	4.1	5.2	6.5
-77.5°	0.0	0.4	0.7	1.1	1.5	1.8	2.1	2.8	3.6	4.3	5.2
-80°	0.0	0.3	0.6	0.9	1.2	1.5	1.7	2.4	3.1	3.7	4.4
-82.5°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.9	2.5	3.1	3.7
-85°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.3	1.7	2.2	2.8
-87.5°	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.6	0.9	1.1	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



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	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	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.1	0.5	0.6	0.4	0.0	0.0	0.0	0.1	0.0	0.0	0.0
65°	0.8	1.1	0.8	0.4	0.0	0.4	0.6	0.5	0.1	0.0	0.0
62.5°	1.6	1.3	0.9	0.7	1.0	1.3	1.0	0.6	0.2	0.8	1.2
60°	1.7	1.4	1.2	1.3	1.7	1.5	1.1	1.6	2.4	3.0	3.7
57.5°	1.7	1.6	1.5	1.8	1.9	1.9	2.9	3.9	5.5	6.9	7.8
55°	1.7	1.7	1.9	2.3	2.8	4.0	5.4	7.7	9.5	12.3	14.6
52.5°	1.9	1.9	2.5	3.4	5.1	6.9	9.5	12.7	16.2	18.9	21.8
50°	2.2	2.8	3.5	5.7	8.0	10.9	15.1	19.7	22.8	25.8	29.9
47.5°	3.0	3.8	5.9	8.4	11.7	16.3	22.1	25.4	28.4	33.2	38.3
45°	4.0	5.7	8.3	11.8	16.2	22.7	27.3	30.0	35.2	40.7	46.5
42.5°	5.1	7.9	11.4	15.1	22.1	28.2	32.4	36.7	42.0	48.4	54.7
40°	6.9	10.0	14.8	20.5	27.7	33.7	38.9	43.9	49.0	57.4	64.1
37.5°	8.8	13.3	18.7	25.8	33.2	39.8	45.7	51.9	59.2	68.7	74.7
35°	10.6	16.6	23.2	30.8	38.7	46.1	53.2	60.4	69.9	78.9	86.1
32.5°	13.2	20.1	27.5	35.7	43.8	52.2	60.8	69.5	78.8	88.0	97.4
30°	16.3	23.7	31.5	40.3	48.5	58.3	68.2	77.4	86.8	96.4	107.1
27.5°	19.6	27.2	35.6	44.5	53.1	64.2	74.9	84.5	94.1	104.5	116.7
25°	22.5	30.6	39.4	48.2	58.3	70.2	81.9	93.0	101.2	113.0	127.2
22.5°	25.4	34.0	43.5	51.6	63.3	76.3	89.9	101.8	111.5	122.1	138.2
20°	28.2	37.5	47.3	56.3	68.4	82.3	98.4	110.8	122.8	136.4	152.8
17.5°	30.9	40.7	51.0	61.7	74.5	88.9	107.2	119.8	134.1	150.5	171.1
15°	33.4	43.7	54.8	66.8	80.0	95.5	113.2	128.9	146.0	164.8	189.3
12.5°	35.8	46.5	58.5	71.5	84.8	101.1	118.2	134.9	154.6	179.2	209.9
10°	37.9	48.9	62.0	75.8	89.0	105.9	122.6	139.9	160.7	187.8	223.0
7.5°	39.7	51.4	65.4	79.6	92.6	109.9	126.4	144.1	165.9	194.9	231.8
5°	41.3	54.1	68.6	82.2	95.7	113.3	129.6	147.4	170.0	200.4	238.0
2.5°	42.5	56.5	71.4	84.0	98.2	116.4	132.1	151.1	174.1	204.8	243.9
0°	43.5	58.6	73.7	85.4	100.4	118.8	133.9	154.0	177.4	207.6	249.4
-2.5°	45.5	60.3	75.1	87.0	102.7	119.2	135.1	154.4	178.7	209.8	250.5
-5°	47.3	61.7	76.1	88.2	104.4	119.2	135.7	154.1	179.1	211.0	252.3
-7.5°	48.6	62.8	76.8	89.1	105.4	119.7	136.4	155.3	180.4	212.1	254.6
-10°	49.4	63.6	77.3	90.3	105.6	120.3	136.7	155.6	180.2	211.4	253.3
-12.5°	49.9	64.1	77.6	91.0	105.6	120.3	136.3	154.8	178.4	208.7	248.1
-15°	50.0	64.2	77.5	91.0	105.3	119.6	135.2	153.1	175.1	204.3	240.0
-17.5°	49.9	64.2	77.2	90.5	105.0	118.2	133.5	150.7	171.7	199.0	233.4
-20°	49.4	63.8	76.6	89.3	104.4	116.9	131.9	148.4	168.2	192.9	223.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626818 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	48.7	63.2	75.8	88.1	102.6	115.7	129.7	145.5	163.2	185.6	213.0
-25°	47.9	62.0	74.8	87.1	100.4	113.9	127.0	141.9	158.2	179.7	204.4
-27.5°	46.9	60.6	73.3	85.8	98.2	111.5	124.3	138.4	154.5	173.5	195.5
-30°	45.3	58.6	71.3	84.0	96.2	108.7	121.1	134.5	149.7	167.6	187.9
-32.5°	43.4	56.3	68.7	81.3	94.0	106.0	117.6	130.5	144.7	160.4	179.7
-35°	41.4	53.8	66.0	78.0	91.3	102.9	114.0	125.9	139.1	153.8	169.5
-37.5°	39.5	51.2	63.0	74.4	87.0	99.0	109.9	121.2	133.4	146.8	161.1
-40°	37.5	48.3	59.9	71.0	82.1	94.3	105.2	116.1	127.4	140.8	153.5
-42.5°	35.5	46.0	56.7	67.6	78.2	89.1	99.9	110.4	122.3	135.0	147.5
-45°	33.7	43.5	53.4	64.0	74.4	84.3	94.5	104.2	116.4	129.1	141.3
-47.5°	31.7	41.0	50.6	60.1	70.4	80.3	89.4	99.3	109.6	121.6	134.4
-50°	29.6	38.4	47.2	56.2	65.9	75.8	85.1	94.2	104.0	113.8	124.9
-52.5°	27.8	35.5	43.7	51.9	61.1	70.8	80.1	89.3	98.3	107.5	116.9
-55°	25.7	32.7	40.0	47.7	55.7	65.0	74.3	83.2	92.3	101.0	110.2
-57.5°	23.3	29.6	36.3	43.5	50.8	58.4	67.4	76.3	84.9	93.6	103.2
-60°	20.6	26.3	32.3	39.0	46.2	53.1	60.4	68.6	76.9	85.2	94.0
-62.5°	17.9	22.8	28.2	34.1	40.6	47.4	54.1	61.1	68.5	75.8	83.4
-65°	16.1	19.5	24.1	29.3	34.7	40.8	47.1	53.5	60.1	66.2	72.1
-67.5°	14.1	17.2	20.6	24.4	29.3	34.4	39.5	45.3	51.1	56.8	62.3
-70°	12.0	14.8	17.8	20.9	24.4	28.6	33.4	38.0	42.5	47.2	52.3
-72.5°	9.9	12.3	14.8	17.6	20.6	23.9	27.5	31.5	35.5	39.4	43.4
-75°	8.1	9.7	11.8	14.1	16.7	19.3	21.9	25.0	28.5	31.9	35.2
-77.5°	6.7	8.1	9.6	11.0	12.8	15.2	17.5	19.8	22.2	24.8	27.6
-80°	5.4	6.6	7.9	9.2	10.4	11.9	13.5	15.3	17.0	18.7	20.6
-82.5°	4.5	5.4	6.3	7.4	8.1	8.8	9.7	10.7	11.9	13.0	14.2
-85°	3.4	4.1	4.8	5.5	5.8	6.2	6.6	7.1	7.8	8.5	9.2
-87.5°	1.7	2.1	2.5	2.9	3.0	3.2	3.4	3.5	4.0	4.5	5.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626818 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-750-U-NR-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°	0.0	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°	0.1	0.0	0.0	0.0	0.0	0.3	0.4	0.4	0.2	0.0	0.0
62.5°	1.0	0.8	1.3	1.7	1.9	1.9	1.7	1.5	1.3	1.2	1.4
60°	4.0	3.9	5.5	6.2	5.7	4.0	6.3	7.4	7.2	6.2	6.1
57.5°	9.8	11.9	13.5	14.1	16.4	20.0	20.7	19.5	19.0	19.4	22.4
55°	17.0	18.7	19.6	22.7	25.4	27.3	28.5	29.6	31.3	33.4	35.6
52.5°	24.1	26.4	28.2	30.9	34.2	35.3	35.0	39.1	42.4	44.4	45.2
50°	33.1	36.0	40.2	44.4	46.3	48.1	50.0	53.4	58.3	64.5	68.0
47.5°	42.7	47.4	51.7	56.6	59.1	61.0	63.8	69.8	76.8	83.5	86.9
45°	51.5	55.6	60.6	64.8	67.8	71.5	75.6	80.9	88.9	95.8	100.6
42.5°	58.5	63.1	68.2	73.3	76.4	81.4	87.6	94.9	103.2	110.4	115.8
40°	68.3	72.2	80.4	85.2	86.5	91.1	103.6	113.5	122.9	131.8	136.2
37.5°	80.2	87.8	96.3	100.7	105.0	113.2	130.0	146.0	157.9	170.0	176.5
35°	93.6	103.7	115.2	120.4	129.7	147.7	167.3	189.7	217.5	229.1	239.8
32.5°	106.7	118.0	128.6	140.3	156.5	177.9	200.1	236.3	270.2	296.4	315.6
30°	118.4	130.3	143.5	158.5	181.3	210.8	247.8	294.8	342.5	384.1	419.4
27.5°	129.9	143.4	159.2	181.5	213.5	253.6	312.8	379.7	459.4	518.0	588.1
25°	142.5	158.0	178.2	210.5	253.8	313.7	408.3	517.0	647.6	753.5	864.3
22.5°	157.3	180.2	205.9	242.0	317.6	416.3	545.4	731.2	932.1	1117.9	1296.8
20°	175.3	206.6	247.8	314.2	411.3	557.2	781.7	1078.1	1373.6	1688.3	1991.3
17.5°	201.0	246.1	310.1	404.6	532.5	821.3	1185.4	1643.9	2233.0	2766.7	3232.8
15°	225.1	278.9	380.0	521.3	744.4	1127.2	1680.2	2437.0	3354.9	4191.5	5075.2
12.5°	250.4	314.0	430.0	609.9	919.9	1418.3	2195.5	3232.3	4381.8	5642.7	7078.9
10°	270.4	347.6	486.6	714.6	1096.8	1717.4	2643.1	3900.5	5428.1	7294.1	9590.0
7.5°	284.0	374.6	533.3	791.3	1259.6	2023.2	3137.6	4649.1	6558.7	9030.8	12243.3
5°	294.6	395.2	568.4	861.2	1397.4	2256.7	3504.1	5304.6	7563.6	10875.7	16320.1
2.5°	303.0	410.9	590.1	909.3	1483.8	2419.3	3749.9	5675.4	8161.7	12239.7	19303.0
0°	309.7	425.2	604.3	939.1	1550.1	2435.6	3826.6	5743.3	8376.4	12485.9	19945.0
-2.5°	312.5	432.8	609.2	945.6	1543.5	2463.5	3850.1	5797.5	8368.3	12351.1	19228.1
-5°	317.2	432.7	605.5	938.9	1508.9	2391.3	3697.2	5494.2	7863.5	11288.8	16923.0
-7.5°	320.6	425.8	588.0	896.4	1418.3	2235.3	3428.5	4991.5	6944.6	9545.3	13034.8
-10°	317.5	412.6	558.8	825.0	1277.4	1985.1	3020.0	4328.0	5951.2	7878.6	10249.4
-12.5°	305.5	388.1	511.1	725.1	1095.1	1704.7	2608.9	3722.7	4924.0	6277.6	7915.9
-15°	290.4	361.8	468.1	656.5	959.8	1426.8	2086.9	2990.5	3954.2	4981.9	6077.9
-17.5°	278.6	338.6	426.7	563.0	786.2	1157.4	1676.2	2318.1	3026.4	3808.8	4458.2
-20°	262.7	310.1	384.0	495.4	665.6	911.6	1289.5	1755.8	2223.1	2773.3	3221.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626818 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	246.8	288.0	344.3	425.8	552.5	738.3	971.7	1283.1	1624.9	1940.7	2251.5
-25°	232.0	263.7	309.3	376.1	462.1	588.9	755.0	933.6	1158.9	1351.2	1564.5
-27.5°	220.0	247.3	280.9	329.9	396.6	478.2	597.1	716.8	835.3	932.3	1079.1
-30°	208.4	230.4	258.5	293.5	343.4	406.3	483.5	561.2	629.5	691.9	768.4
-32.5°	197.1	214.9	236.5	265.5	301.4	348.6	396.1	451.7	499.2	543.1	583.7
-35°	185.7	201.6	218.0	242.5	271.1	304.6	339.2	376.8	409.7	439.3	465.4
-37.5°	175.4	189.4	204.8	223.0	246.1	271.3	299.5	326.9	348.6	367.8	383.7
-40°	166.7	179.4	192.6	207.2	224.8	244.7	268.7	291.5	306.7	318.4	328.0
-42.5°	159.0	170.2	181.4	193.8	207.2	224.5	243.4	262.3	272.6	281.6	288.6
-45°	152.8	161.4	170.8	181.4	193.3	207.7	222.6	235.6	244.8	252.6	258.4
-47.5°	144.6	152.8	161.0	169.7	180.8	192.9	205.2	215.2	223.2	230.0	234.4
-50°	135.5	144.2	151.7	159.3	169.6	179.8	189.7	198.0	205.6	212.3	215.8
-52.5°	126.1	135.5	143.3	150.8	159.4	168.3	177.2	184.3	191.0	197.3	199.9
-55°	119.3	128.0	136.1	143.2	150.2	157.4	164.6	172.0	178.6	184.5	186.3
-57.5°	112.1	120.8	128.9	135.2	141.6	148.0	154.7	161.3	167.7	173.4	174.8
-60°	103.2	112.7	119.8	125.8	132.0	138.3	144.1	150.0	156.0	161.0	162.6
-62.5°	91.9	100.5	107.6	113.9	119.9	125.4	131.0	136.5	141.9	145.8	147.1
-65°	78.3	85.7	92.9	99.5	105.4	110.7	115.9	121.0	125.8	129.3	131.0
-67.5°	67.6	72.9	78.7	84.4	90.3	95.8	100.5	105.0	109.1	112.1	113.9
-70°	57.3	62.3	67.8	73.2	78.4	82.8	86.6	90.2	93.8	96.4	98.3
-72.5°	47.4	51.7	56.2	61.0	65.7	69.7	73.2	76.5	79.5	81.8	83.5
-75°	38.5	42.0	45.9	49.7	53.5	56.7	59.6	62.4	65.1	67.1	68.8
-77.5°	30.5	33.5	36.5	39.5	42.5	44.9	47.0	49.1	51.1	52.7	54.1
-80°	22.6	25.0	27.4	29.8	32.2	33.9	35.6	37.1	38.5	39.4	40.2
-82.5°	15.5	17.1	18.8	20.5	22.2	23.5	24.8	26.0	27.2	27.7	28.0
-85°	9.9	10.7	11.6	12.5	13.5	14.2	14.9	15.5	16.1	16.7	17.3
-87.5°	5.5	5.7	5.8	5.9	6.1	6.6	7.1	7.6	8.1	8.2	8.3
-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: P626818 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-750-U-NR-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	0.2	0.4
62.5°	1.5	1.6	1.7	1.7	1.7	1.6	1.5	1.4	1.2	1.3	1.5
60°	5.7	5.1	5.0	5.0	5.0	5.1	5.7	6.1	6.2	7.2	7.4
57.5°	25.4	28.3	29.1	28.5	29.1	28.3	25.4	22.4	19.4	19.0	19.5
55°	37.1	38.0	38.4	38.5	38.4	38.0	37.1	35.6	33.4	31.3	29.6
52.5°	45.4	45.2	45.1	45.2	45.1	45.2	45.4	45.2	44.4	42.4	39.1
50°	68.3	67.1	66.6	67.0	66.6	67.1	68.3	68.0	64.5	58.3	53.4
47.5°	87.3	87.7	88.3	88.7	88.3	87.7	87.3	86.9	83.5	76.8	69.8
45°	102.0	102.9	103.5	103.8	103.5	102.9	102.0	100.6	95.8	88.9	80.9
42.5°	116.9	117.0	116.9	117.2	116.9	117.0	116.9	115.8	110.4	103.2	94.9
40°	138.0	138.4	138.0	137.3	138.0	138.4	138.0	136.2	131.8	122.9	113.5
37.5°	180.4	181.0	179.0	177.4	179.0	181.0	180.4	176.5	170.0	157.9	146.0
35°	249.5	256.6	260.0	261.1	260.0	256.6	249.5	239.8	229.1	217.5	189.7
32.5°	328.8	338.8	343.7	348.2	343.7	338.8	328.8	315.6	296.4	270.2	236.3
30°	442.5	460.8	468.9	480.4	468.9	460.8	442.5	419.4	384.1	342.5	294.8
27.5°	627.9	660.2	678.1	694.7	678.1	660.2	627.9	588.1	518.0	459.4	379.7
25°	944.9	1007.1	1047.3	1066.3	1047.3	1007.1	944.9	864.3	753.5	647.6	517.0
22.5°	1469.9	1584.6	1673.0	1690.7	1673.0	1584.6	1469.9	1296.8	1117.9	932.1	731.2
20°	2285.2	2449.2	2582.7	2649.8	2582.7	2449.2	2285.2	1991.3	1688.3	1373.6	1078.1
17.5°	3787.9	4129.0	4284.8	4310.4	4284.8	4129.0	3787.9	3232.8	2766.7	2233.0	1643.9
15°	6023.3	6600.5	6967.0	7203.0	6967.0	6600.5	6023.3	5075.2	4191.5	3354.9	2437.0
12.5°	8573.9	10214.1	11147.5	11503.3	11147.5	10214.1	8573.9	7078.9	5642.7	4381.8	3232.3
10°	12035.6	15897.0	18124.4	19245.3	18124.4	15897.0	12035.6	9590.0	7294.1	5428.1	3900.5
7.5°	17910.9	23875.0	30482.8	33539.9	30482.8	23875.0	17910.9	12243.3	9030.8	6558.7	4649.1
5°	24087.4	37181.8	48675.1	54178.7	48675.1	37181.8	24087.4	16320.1	10875.7	7563.6	5304.6
2.5°	31186.1	48845.3	65172.7	72038.0	65172.7	48845.3	31186.1	19303.0	12239.7	8161.7	5675.4
0°	33918.2	54488.4	72345.1	79083.6	72345.1	54488.4	33918.2	19945.0	12485.9	8376.4	5743.3
-2.5°	31608.5	49700.9	65453.2	73152.8	65453.2	49700.9	31608.5	19228.1	12351.1	8368.3	5797.5
-5°	25114.6	37386.8	49052.9	55327.0	49052.9	37386.8	25114.6	16923.0	11288.8	7863.5	5494.2
-7.5°	18432.5	25113.4	31592.3	33858.0	31592.3	25113.4	18432.5	13034.8	9545.3	6944.6	4991.5
-10°	12833.1	16658.8	19184.2	19904.8	19184.2	16658.8	12833.1	10249.4	7878.6	5951.2	4328.0
-12.5°	9514.4	11187.8	12352.1	12554.5	12352.1	11187.8	9514.4	7915.9	6277.6	4924.0	3722.7
-15°	7045.2	7896.2	8496.7	8537.1	8496.7	7896.2	7045.2	6077.9	4981.9	3954.2	2990.5
-17.5°	5150.1	5721.3	6024.4	6002.7	6024.4	5721.3	5150.1	4458.2	3808.8	3026.4	2318.1
-20°	3682.6	4026.9	4271.1	4223.3	4271.1	4026.9	3682.6	3221.9	2773.3	2223.1	1755.8



REPORT NUMBER: P626818 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-750-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2567.8	2796.3	2939.5	2902.6	2939.5	2796.3	2567.8	2251.5	1940.7	1624.9	1283.1
-25°	1744.8	1869.3	1940.2	1928.4	1940.2	1869.3	1744.8	1564.5	1351.2	1158.9	933.6
-27.5°	1188.9	1254.7	1276.7	1275.5	1276.7	1254.7	1188.9	1079.1	932.3	835.3	716.8
-30°	825.2	869.4	894.7	878.8	894.7	869.4	825.2	768.4	691.9	629.5	561.2
-32.5°	615.0	640.0	654.4	639.4	654.4	640.0	615.0	583.7	543.1	499.2	451.7
-35°	484.7	497.3	502.4	493.8	502.4	497.3	484.7	465.4	439.3	409.7	376.8
-37.5°	395.2	402.6	405.1	400.1	405.1	402.6	395.2	383.7	367.8	348.6	326.9
-40°	334.9	339.4	340.6	336.5	340.6	339.4	334.9	328.0	318.4	306.7	291.5
-42.5°	293.0	295.7	296.4	294.6	296.4	295.7	293.0	288.6	281.6	272.6	262.3
-45°	261.9	264.2	264.6	262.8	264.6	264.2	261.9	258.4	252.6	244.8	235.6
-47.5°	236.6	238.1	238.5	237.7	238.5	238.1	236.6	234.4	230.0	223.2	215.2
-50°	217.4	218.3	218.4	217.6	218.4	218.3	217.4	215.8	212.3	205.6	198.0
-52.5°	201.1	201.8	202.3	202.5	202.3	201.8	201.1	199.9	197.3	191.0	184.3
-55°	187.6	188.5	189.0	189.2	189.0	188.5	187.6	186.3	184.5	178.6	172.0
-57.5°	175.9	176.8	177.2	177.4	177.2	176.8	175.9	174.8	173.4	167.7	161.3
-60°	163.9	164.9	165.5	165.7	165.5	164.9	163.9	162.6	161.0	156.0	150.0
-62.5°	148.0	148.4	148.8	149.0	148.8	148.4	148.0	147.1	145.8	141.9	136.5
-65°	132.3	133.2	133.7	133.9	133.7	133.2	132.3	131.0	129.3	125.8	121.0
-67.5°	115.4	116.6	117.8	118.8	117.8	116.6	115.4	113.9	112.1	109.1	105.0
-70°	100.0	101.5	102.0	102.1	102.0	101.5	100.0	98.3	96.4	93.8	90.2
-72.5°	85.1	86.5	87.7	88.7	87.7	86.5	85.1	83.5	81.8	79.5	76.5
-75°	70.3	71.6	71.9	72.0	71.9	71.6	70.3	68.8	67.1	65.1	62.4
-77.5°	55.4	56.6	56.8	56.9	56.8	56.6	55.4	54.1	52.7	51.1	49.1
-80°	40.9	41.6	42.6	43.5	42.6	41.6	40.9	40.2	39.4	38.5	37.1
-82.5°	28.2	28.4	28.5	28.5	28.5	28.4	28.2	28.0	27.7	27.2	26.0
-85°	17.8	18.3	18.4	18.4	18.4	18.3	17.8	17.3	16.7	16.1	15.5
-87.5°	8.3	8.4	8.4	8.4	8.4	8.4	8.3	8.3	8.2	8.1	7.6
-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: P626818 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-U-NR-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	0.0	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	0.1
65°	0.4	0.3	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.5
62.5°	1.7	1.9	1.9	1.7	1.3	0.8	1.0	1.2	0.8	0.2	0.6
60°	6.3	4.0	5.7	6.2	5.5	3.9	4.0	3.7	3.0	2.4	1.6
57.5°	20.7	20.0	16.4	14.1	13.5	11.9	9.8	7.8	6.9	5.5	3.9
55°	28.5	27.3	25.4	22.7	19.6	18.7	17.0	14.6	12.3	9.5	7.7
52.5°	35.0	35.3	34.2	30.9	28.2	26.4	24.1	21.8	18.9	16.2	12.7
50°	50.0	48.1	46.3	44.4	40.2	36.0	33.1	29.9	25.8	22.8	19.7
47.5°	63.8	61.0	59.1	56.6	51.7	47.4	42.7	38.3	33.2	28.4	25.4
45°	75.6	71.5	67.8	64.8	60.6	55.6	51.5	46.5	40.7	35.2	30.0
42.5°	87.6	81.4	76.4	73.3	68.2	63.1	58.5	54.7	48.4	42.0	36.7
40°	103.6	91.1	86.5	85.2	80.4	72.2	68.3	64.1	57.4	49.0	43.9
37.5°	130.0	113.2	105.0	100.7	96.3	87.8	80.2	74.7	68.7	59.2	51.9
35°	167.3	147.7	129.7	120.4	115.2	103.7	93.6	86.1	78.9	69.9	60.4
32.5°	200.1	177.9	156.5	140.3	128.6	118.0	106.7	97.4	88.0	78.8	69.5
30°	247.8	210.8	181.3	158.5	143.5	130.3	118.4	107.1	96.4	86.8	77.4
27.5°	312.8	253.6	213.5	181.5	159.2	143.4	129.9	116.7	104.5	94.1	84.5
25°	408.3	313.7	253.8	210.5	178.2	158.0	142.5	127.2	113.0	101.2	93.0
22.5°	545.4	416.3	317.6	242.0	205.9	180.2	157.3	138.2	122.1	111.5	101.8
20°	781.7	557.2	411.3	314.2	247.8	206.6	175.3	152.8	136.4	122.8	110.8
17.5°	1185.4	821.3	532.5	404.6	310.1	246.1	201.0	171.1	150.5	134.1	119.8
15°	1680.2	1127.2	744.4	521.3	380.0	278.9	225.1	189.3	164.8	146.0	128.9
12.5°	2195.5	1418.3	919.9	609.9	430.0	314.0	250.4	209.9	179.2	154.6	134.9
10°	2643.1	1717.4	1096.8	714.6	486.6	347.6	270.4	223.0	187.8	160.7	139.9
7.5°	3137.6	2023.2	1259.6	791.3	533.3	374.6	284.0	231.8	194.9	165.9	144.1
5°	3504.1	2256.7	1397.4	861.2	568.4	395.2	294.6	238.0	200.4	170.0	147.4
2.5°	3749.9	2419.3	1483.8	909.3	590.1	410.9	303.0	243.9	204.8	174.1	151.1
0°	3826.6	2435.6	1550.1	939.1	604.3	425.2	309.7	249.4	207.6	177.4	154.0
-2.5°	3850.1	2463.5	1543.5	945.6	609.2	432.8	312.5	250.5	209.8	178.7	154.4
-5°	3697.2	2391.3	1508.9	938.9	605.5	432.7	317.2	252.3	211.0	179.1	154.1
-7.5°	3428.5	2235.3	1418.3	896.4	588.0	425.8	320.6	254.6	212.1	180.4	155.3
-10°	3020.0	1985.1	1277.4	825.0	558.8	412.6	317.5	253.3	211.4	180.2	155.6
-12.5°	2608.9	1704.7	1095.1	725.1	511.1	388.1	305.5	248.1	208.7	178.4	154.8
-15°	2086.9	1426.8	959.8	656.5	468.1	361.8	290.4	240.0	204.3	175.1	153.1
-17.5°	1676.2	1157.4	786.2	563.0	426.7	338.6	278.6	233.4	199.0	171.7	150.7
-20°	1289.5	911.6	665.6	495.4	384.0	310.1	262.7	223.8	192.9	168.2	148.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626818 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	971.7	738.3	552.5	425.8	344.3	288.0	246.8	213.0	185.6	163.2	145.5
-25°	755.0	588.9	462.1	376.1	309.3	263.7	232.0	204.4	179.7	158.2	141.9
-27.5°	597.1	478.2	396.6	329.9	280.9	247.3	220.0	195.5	173.5	154.5	138.4
-30°	483.5	406.3	343.4	293.5	258.5	230.4	208.4	187.9	167.6	149.7	134.5
-32.5°	396.1	348.6	301.4	265.5	236.5	214.9	197.1	179.7	160.4	144.7	130.5
-35°	339.2	304.6	271.1	242.5	218.0	201.6	185.7	169.5	153.8	139.1	125.9
-37.5°	299.5	271.3	246.1	223.0	204.8	189.4	175.4	161.1	146.8	133.4	121.2
-40°	268.7	244.7	224.8	207.2	192.6	179.4	166.7	153.5	140.8	127.4	116.1
-42.5°	243.4	224.5	207.2	193.8	181.4	170.2	159.0	147.5	135.0	122.3	110.4
-45°	222.6	207.7	193.3	181.4	170.8	161.4	152.8	141.3	129.1	116.4	104.2
-47.5°	205.2	192.9	180.8	169.7	161.0	152.8	144.6	134.4	121.6	109.6	99.3
-50°	189.7	179.8	169.6	159.3	151.7	144.2	135.5	124.9	113.8	104.0	94.2
-52.5°	177.2	168.3	159.4	150.8	143.3	135.5	126.1	116.9	107.5	98.3	89.3
-55°	164.6	157.4	150.2	143.2	136.1	128.0	119.3	110.2	101.0	92.3	83.2
-57.5°	154.7	148.0	141.6	135.2	128.9	120.8	112.1	103.2	93.6	84.9	76.3
-60°	144.1	138.3	132.0	125.8	119.8	112.7	103.2	94.0	85.2	76.9	68.6
-62.5°	131.0	125.4	119.9	113.9	107.6	100.5	91.9	83.4	75.8	68.5	61.1
-65°	115.9	110.7	105.4	99.5	92.9	85.7	78.3	72.1	66.2	60.1	53.5
-67.5°	100.5	95.8	90.3	84.4	78.7	72.9	67.6	62.3	56.8	51.1	45.3
-70°	86.6	82.8	78.4	73.2	67.8	62.3	57.3	52.3	47.2	42.5	38.0
-72.5°	73.2	69.7	65.7	61.0	56.2	51.7	47.4	43.4	39.4	35.5	31.5
-75°	59.6	56.7	53.5	49.7	45.9	42.0	38.5	35.2	31.9	28.5	25.0
-77.5°	47.0	44.9	42.5	39.5	36.5	33.5	30.5	27.6	24.8	22.2	19.8
-80°	35.6	33.9	32.2	29.8	27.4	25.0	22.6	20.6	18.7	17.0	15.3
-82.5°	24.8	23.5	22.2	20.5	18.8	17.1	15.5	14.2	13.0	11.9	10.7
-85°	14.9	14.2	13.5	12.5	11.6	10.7	9.9	9.2	8.5	7.8	7.1
-87.5°	7.1	6.6	6.1	5.9	5.8	5.7	5.5	5.0	4.5	4.0	3.5
-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: P626818 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-750-U-NR-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°	0.0	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	0.1	0.1	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.4	0.1
70°	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.2	0.6	0.7	0.5
67.5°	0.0	0.0	0.0	0.4	0.6	0.5	0.1	0.3	0.7	1.1	1.0
65°	0.6	0.4	0.0	0.4	0.8	1.1	0.8	0.5	0.8	1.1	1.4
62.5°	1.0	1.3	1.0	0.7	0.9	1.3	1.6	1.1	0.9	1.2	1.6
60°	1.1	1.5	1.7	1.3	1.2	1.4	1.7	1.6	1.2	1.3	1.7
57.5°	2.9	1.9	1.9	1.8	1.5	1.6	1.7	1.7	1.5	1.4	1.7
55°	5.4	4.0	2.8	2.3	1.9	1.7	1.7	1.7	1.7	1.6	1.7
52.5°	9.5	6.9	5.1	3.4	2.5	1.9	1.9	1.7	1.7	1.7	1.7
50°	15.1	10.9	8.0	5.7	3.5	2.8	2.2	2.0	1.7	1.7	1.7
47.5°	22.1	16.3	11.7	8.4	5.9	3.8	3.0	2.3	1.7	1.7	1.7
45°	27.3	22.7	16.2	11.8	8.3	5.7	4.0	2.7	2.1	1.8	1.7
42.5°	32.4	28.2	22.1	15.1	11.4	7.9	5.1	3.7	2.5	1.9	1.8
40°	38.9	33.7	27.7	20.5	14.8	10.0	6.9	4.8	3.0	2.1	1.9
37.5°	45.7	39.8	33.2	25.8	18.7	13.3	8.8	5.9	3.8	2.7	2.0
35°	53.2	46.1	38.7	30.8	23.2	16.6	10.6	7.2	4.9	3.3	2.2
32.5°	60.8	52.2	43.8	35.7	27.5	20.1	13.2	8.9	5.9	4.0	2.5
30°	68.2	58.3	48.5	40.3	31.5	23.7	16.3	10.8	6.9	4.6	2.8
27.5°	74.9	64.2	53.1	44.5	35.6	27.2	19.6	12.8	7.9	5.4	3.3
25°	81.9	70.2	58.3	48.2	39.4	30.6	22.5	15.0	9.3	6.2	3.8
22.5°	89.9	76.3	63.3	51.6	43.5	34.0	25.4	17.6	10.9	6.9	4.4
20°	98.4	82.3	68.4	56.3	47.3	37.5	28.2	20.0	12.7	7.6	4.9
17.5°	107.2	88.9	74.5	61.7	51.0	40.7	30.9	22.1	14.4	8.3	5.4
15°	113.2	95.5	80.0	66.8	54.8	43.7	33.4	24.1	16.1	8.9	6.0
12.5°	118.2	101.1	84.8	71.5	58.5	46.5	35.8	25.8	17.7	9.8	6.5
10°	122.6	105.9	89.0	75.8	62.0	48.9	37.9	27.4	19.3	10.9	7.0
7.5°	126.4	109.9	92.6	79.6	65.4	51.4	39.7	28.7	20.6	12.0	7.4
5°	129.6	113.3	95.7	82.2	68.6	54.1	41.3	29.9	21.7	13.1	7.8
2.5°	132.1	116.4	98.2	84.0	71.4	56.5	42.5	30.9	22.6	14.1	8.1
0°	133.9	118.8	100.4	85.4	73.7	58.6	43.5	31.8	23.4	15.1	8.4
-2.5°	135.1	119.2	102.7	87.0	75.1	60.3	45.5	32.9	24.0	16.0	8.9
-5°	135.7	119.2	104.4	88.2	76.1	61.7	47.3	33.8	24.5	16.7	9.3
-7.5°	136.4	119.7	105.4	89.1	76.8	62.8	48.6	34.4	24.9	17.3	9.7
-10°	136.7	120.3	105.6	90.3	77.3	63.6	49.4	34.8	25.2	17.7	10.1
-12.5°	136.3	120.3	105.6	91.0	77.6	64.1	49.9	35.5	25.4	18.0	10.4
-15°	135.2	119.6	105.3	91.0	77.5	64.2	50.0	36.1	26.0	18.0	10.7
-17.5°	133.5	118.2	105.0	90.5	77.2	64.2	49.9	36.4	26.2	17.9	10.9
-20°	131.9	116.9	104.4	89.3	76.6	63.8	49.4	36.3	26.2	17.7	11.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626818 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	129.7	115.7	102.6	88.1	75.8	63.2	48.7	35.9	25.9	17.3	11.3
-25°	127.0	113.9	100.4	87.1	74.8	62.0	47.9	35.1	25.3	16.7	11.4
-27.5°	124.3	111.5	98.2	85.8	73.3	60.6	46.9	34.4	24.5	16.1	11.3
-30°	121.1	108.7	96.2	84.0	71.3	58.6	45.3	33.2	23.6	15.7	11.2
-32.5°	117.6	106.0	94.0	81.3	68.7	56.3	43.4	31.7	22.5	15.5	11.1
-35°	114.0	102.9	91.3	78.0	66.0	53.8	41.4	29.7	21.3	15.2	10.9
-37.5°	109.9	99.0	87.0	74.4	63.0	51.2	39.5	28.5	20.0	14.8	10.7
-40°	105.2	94.3	82.1	71.0	59.9	48.3	37.5	27.5	19.1	14.2	10.4
-42.5°	99.9	89.1	78.2	67.6	56.7	46.0	35.5	26.2	18.7	13.8	10.1
-45°	94.5	84.3	74.4	64.0	53.4	43.5	33.7	24.7	18.2	13.4	9.8
-47.5°	89.4	80.3	70.4	60.1	50.6	41.0	31.7	23.8	17.4	12.9	9.5
-50°	85.1	75.8	65.9	56.2	47.2	38.4	29.6	22.6	16.7	12.4	9.1
-52.5°	80.1	70.8	61.1	51.9	43.7	35.5	27.8	21.1	15.8	11.8	8.6
-55°	74.3	65.0	55.7	47.7	40.0	32.7	25.7	19.5	14.6	11.1	8.0
-57.5°	67.4	58.4	50.8	43.5	36.3	29.6	23.3	17.7	13.5	10.3	7.4
-60°	60.4	53.1	46.2	39.0	32.3	26.3	20.6	15.8	12.5	9.4	6.7
-62.5°	54.1	47.4	40.6	34.1	28.2	22.8	17.9	14.4	11.3	8.4	5.9
-65°	47.1	40.8	34.7	29.3	24.1	19.5	16.1	12.9	10.0	7.4	5.2
-67.5°	39.5	34.4	29.3	24.4	20.6	17.2	14.1	11.2	8.6	6.3	4.7
-70°	33.4	28.6	24.4	20.9	17.8	14.8	12.0	9.5	7.2	5.6	4.3
-72.5°	27.5	23.9	20.6	17.6	14.8	12.3	9.9	7.8	6.2	4.9	3.7
-75°	21.9	19.3	16.7	14.1	11.8	9.7	8.1	6.5	5.2	4.1	3.3
-77.5°	17.5	15.2	12.8	11.0	9.6	8.1	6.7	5.2	4.3	3.6	2.8
-80°	13.5	11.9	10.4	9.2	7.9	6.6	5.4	4.4	3.7	3.1	2.4
-82.5°	9.7	8.8	8.1	7.4	6.3	5.4	4.5	3.7	3.1	2.5	1.9
-85°	6.6	6.2	5.8	5.5	4.8	4.1	3.4	2.8	2.2	1.7	1.3
-87.5°	3.4	3.2	3.0	2.9	2.5	2.1	1.7	1.4	1.1	0.9	0.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report



REPORT NUMBER: P626818 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-750-U-NR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
75°	0.0	0.1	0.0	0.0	0.0	0.2	0.0
72.5°	0.1	0.3	0.2	0.0	0.0	0.3	0.0
70°	0.2	0.4	0.3	0.0	0.1	0.3	0.0
67.5°	0.6	0.5	0.5	0.2	0.1	0.3	0.0
65°	1.0	0.7	0.7	0.4	0.1	0.4	0.0
62.5°	1.3	1.0	0.9	0.5	0.2	0.4	0.0
60°	1.7	1.2	1.1	0.7	0.2	0.5	0.0
57.5°	1.7	1.4	1.2	0.9	0.4	0.5	0.0
55°	1.7	1.6	1.3	1.1	0.5	0.6	0.0
52.5°	1.7	1.7	1.4	1.3	0.6	0.6	0.0
50°	1.7	1.7	1.5	1.5	0.8	0.7	0.0
47.5°	1.7	1.7	1.6	1.6	0.9	0.7	0.0
45°	1.7	1.7	1.6	1.7	1.0	0.8	0.0
42.5°	1.7	1.7	1.7	1.7	1.1	0.8	0.0
40°	1.7	1.7	1.7	1.7	1.2	0.9	0.0
37.5°	1.7	1.7	1.7	1.7	1.3	0.9	0.0
35°	1.7	1.7	1.7	1.7	1.3	1.0	0.0
32.5°	1.7	1.7	1.7	1.7	1.4	1.0	0.0
30°	1.9	1.7	1.7	1.7	1.5	1.1	0.0
27.5°	2.1	1.7	1.7	1.7	1.5	1.2	0.0
25°	2.3	1.7	1.7	1.7	1.6	1.2	0.0
22.5°	2.5	1.7	1.7	1.7	1.6	1.3	0.0
20°	2.7	1.8	1.7	1.7	1.6	1.3	0.0
17.5°	3.0	2.0	1.7	1.7	1.7	1.4	0.0
15°	3.3	2.2	1.7	1.7	1.7	1.4	0.0
12.5°	3.6	2.3	1.7	1.7	1.7	1.5	0.0
10°	3.9	2.5	1.7	1.7	1.7	1.5	0.0
7.5°	4.2	2.7	1.7	1.7	1.7	1.6	0.0
5°	4.5	2.9	1.7	1.7	1.7	1.6	0.0
2.5°	4.8	3.1	1.7	1.7	1.7	1.7	0.0
0°	5.0	3.3	1.7	1.7	1.7	1.7	0.0
-2.5°	5.4	3.5	1.8	1.7	1.7	1.7	0.0
-5°	5.9	3.6	2.0	1.7	1.7	1.7	0.0
-7.5°	6.2	3.8	2.1	1.7	1.7	1.7	0.0
-10°	6.6	3.9	2.2	1.7	1.7	1.7	0.0
-12.5°	6.8	4.0	2.3	1.7	1.7	1.7	0.0
-15°	7.1	4.1	2.4	1.7	1.7	1.6	0.0
-17.5°	7.2	4.2	2.5	1.7	1.7	1.6	0.0
-20°	7.3	4.3	2.5	1.7	1.7	1.6	0.0

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CATALOG NUMBER: GFLD-SA1E-750-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	7.4	4.3	2.6	1.7	1.7	1.6	0.0
-25°	7.4	4.4	2.5	1.7	1.7	1.5	0.0
-27.5°	7.4	4.5	2.5	1.7	1.7	1.5	0.0
-30°	7.4	4.6	2.5	1.7	1.7	1.5	0.0
-32.5°	7.3	4.6	2.5	1.7	1.7	1.4	0.0
-35°	7.3	4.6	2.4	1.7	1.7	1.4	0.0
-37.5°	7.2	4.6	2.4	1.7	1.7	1.3	0.0
-40°	7.1	4.5	2.3	1.7	1.7	1.3	0.0
-42.5°	7.0	4.4	2.3	1.7	1.7	1.3	0.0
-45°	6.8	4.2	2.3	1.8	1.7	1.2	0.0
-47.5°	6.5	4.0	2.4	1.8	1.7	1.1	0.0
-50°	6.2	3.7	2.4	1.8	1.7	1.1	0.0
-52.5°	5.8	3.4	2.4	1.8	1.7	1.0	0.0
-55°	5.4	3.3	2.4	1.8	1.7	1.0	0.0
-57.5°	4.8	3.2	2.3	1.8	1.7	0.9	0.0
-60°	4.3	3.1	2.3	1.8	1.7	0.8	0.0
-62.5°	4.1	3.0	2.2	1.8	1.6	0.8	0.0
-65°	3.8	2.8	2.1	1.8	1.4	0.7	0.0
-67.5°	3.5	2.6	2.1	1.7	1.3	0.7	0.0
-70°	3.2	2.5	2.0	1.7	1.2	0.6	0.0
-72.5°	2.9	2.2	1.8	1.5	1.0	0.5	0.0
-75°	2.5	2.0	1.7	1.3	0.9	0.4	0.0
-77.5°	2.1	1.8	1.5	1.1	0.7	0.4	0.0
-80°	1.7	1.5	1.2	0.9	0.6	0.3	0.0
-82.5°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
-85°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
-87.5°	0.4	0.4	0.3	0.2	0.1	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)