

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: P626698 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-750-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626698 (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-SA1C-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: 5915.3 lumens
Efficiency: N/A
Efficacy: 136.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 3H x 3V
Max Intensity: 59961 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V
Beam Lumens: 1888.4 lumens
Beam Efficiency: 31.9%

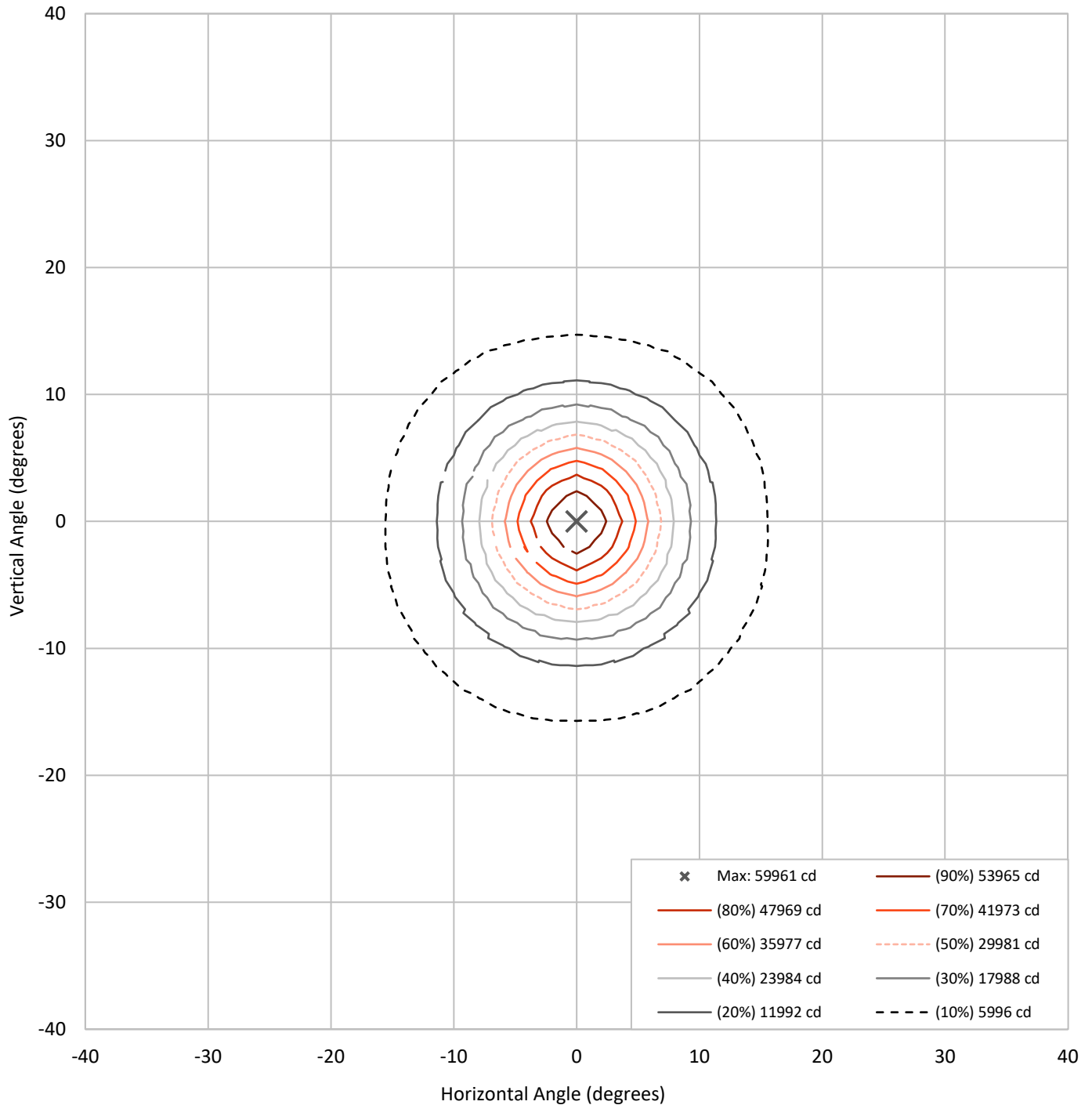
Field Angle (10%): 30.9°H x 30.2°V
Field Lumens: 4206.1 lumens
Field Efficiency: 71.1%

Input Watts (W): 43.5
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

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		
60		0.0	0.0	0.1	0.3	0.5	0.7	0.8	0.8	0.7	0.5	0.3	0.1	0.0	0.0			
50	0.0	0.0	0.2	0.5	1.0	1.4	2.0	2.4	2.4	2.0	1.4	1.0	0.5	0.2	0.0	0.0		
40		0.1	0.4	1.0	1.8	2.8	4.8	6.1	6.1	4.8	2.8	1.8	1.0	0.4	0.1			
30	0.1	0.2	0.7	1.5	2.8	6.0	16.1	26.6	26.6	16.1	6.0	2.8	1.5	0.7	0.2	0.1		
20		0.3	0.9	2.1	4.6	18.0	75.8	166.7	166.7	75.8	18.0	4.6	2.1	0.9	0.3			
10	0.1	0.3	1.1	2.5	6.2	33.8	181.7	814.9	814.9	181.7	33.8	6.2	2.5	1.1	0.3	0.1		
0		0.4	1.2	2.6	6.7	36.0	188.1	828.7	828.7	188.1	36.0	6.7	2.6	1.2	0.4			
-10	0.1	0.4	1.2	2.6	5.9	22.9	91.3	195.3	195.3	91.3	22.9	5.9	2.6	1.2	0.4	0.1		
-20		0.4	1.2	2.4	4.5	10.7	28.1	46.9	46.9	28.1	10.7	4.5	2.4	1.2	0.4			
-30	0.1	0.3	1.0	2.1	3.5	5.9	9.6	12.2	12.2	9.6	5.9	3.5	2.1	1.0	0.3	0.1		
-40		0.3	0.9	1.7	2.9	4.1	5.5	6.2	6.2	5.5	4.1	2.9	1.7	0.9	0.3			
-50	0.1	0.2	0.6	1.4	2.3	3.2	4.0	4.4	4.4	4.0	3.2	2.3	1.4	0.6	0.2	0.1		
-60		0.1	0.4	0.9	1.5	2.2	2.8	3.0	3.0	2.8	2.2	1.5	0.9	0.4	0.1			
-70	0.0	0.4	1.5	3.3	4.1	3.3	1.5	0.4	0.0	0.0								
-80		0.4	1.5	3.3	4.1	3.3	1.5	0.4	0.0									
-90	0.0	0.4	1.5	3.3	4.1	3.3	1.5	0.4	0.0	0.0	0.4	1.5	3.3	4.1	3.3	1.5	0.4	0.0

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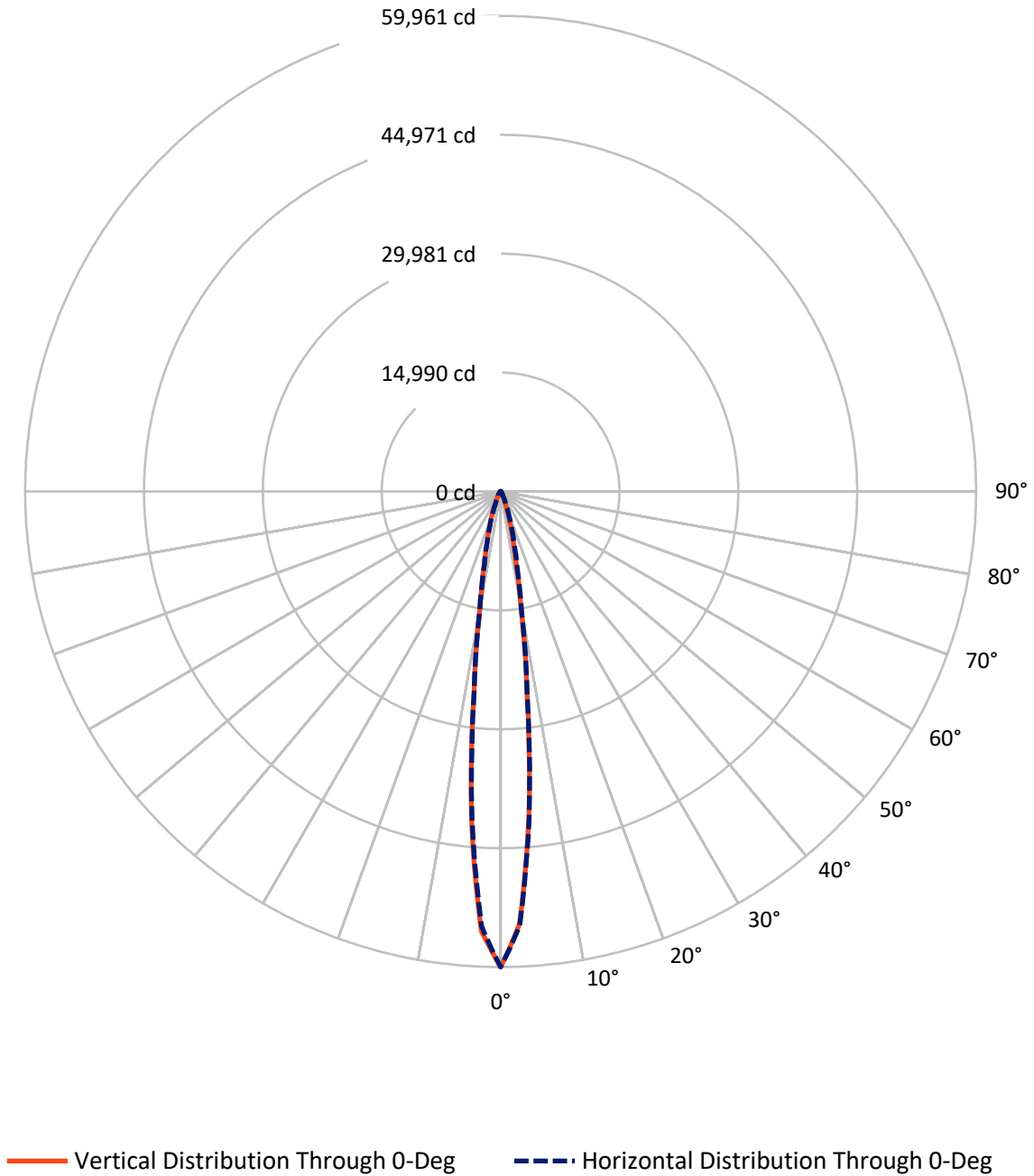
Scaled Data Report



REPORT NUMBER: P626698 (CONVERTED FROM TYPE C PHOTOMETRY)

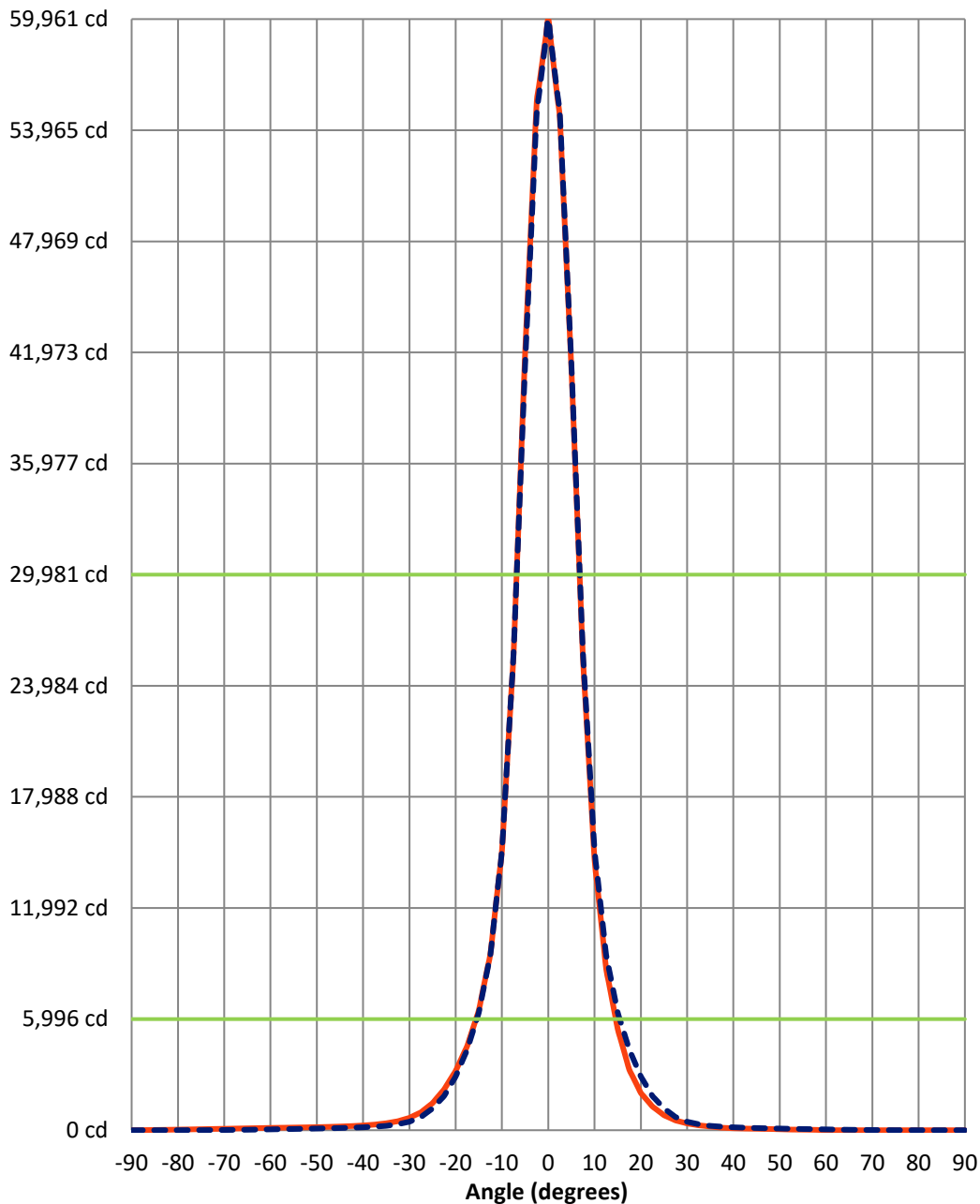
CATALOG NUMBER: GFLD-SA1C-750-U-NR-VSR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 1888.4
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 4206.1
 Efficiency: 71.1%

Spill:
 Lumens: 1709.1
 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	0.1	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	0.2	0.0	0.0	0.1	0.2	0.1	0.1	0.3	0.3	0.1
70°	0.0	0.2	0.1	0.0	0.3	0.3	0.2	0.4	0.5	0.5	0.2
67.5°	0.0	0.3	0.1	0.2	0.4	0.4	0.5	0.7	0.8	0.5	0.2
65°	0.0	0.3	0.1	0.3	0.5	0.6	0.8	1.1	0.9	0.6	0.4
62.5°	0.0	0.3	0.1	0.4	0.7	0.7	1.0	1.2	0.9	0.7	0.8
60°	0.0	0.4	0.2	0.5	0.8	0.9	1.3	1.3	1.0	0.9	1.2
57.5°	0.0	0.4	0.3	0.7	0.9	1.1	1.3	1.3	1.1	1.2	1.3
55°	0.0	0.4	0.4	0.8	1.0	1.2	1.3	1.3	1.2	1.3	1.3
52.5°	0.0	0.5	0.5	1.0	1.1	1.3	1.3	1.3	1.3	1.3	1.3
50°	0.0	0.5	0.6	1.1	1.1	1.3	1.3	1.3	1.3	1.3	1.5
47.5°	0.0	0.6	0.7	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.8
45°	0.0	0.6	0.8	1.3	1.3	1.3	1.3	1.3	1.3	1.6	2.1
42.5°	0.0	0.6	0.8	1.3	1.3	1.3	1.3	1.3	1.4	1.9	2.8
40°	0.0	0.7	0.9	1.3	1.3	1.3	1.3	1.4	1.6	2.3	3.6
37.5°	0.0	0.7	1.0	1.3	1.3	1.3	1.3	1.6	2.1	2.9	4.5
35°	0.0	0.8	1.0	1.3	1.3	1.3	1.3	1.7	2.5	3.7	5.5
32.5°	0.0	0.8	1.1	1.3	1.3	1.3	1.3	1.9	3.0	4.5	6.8
30°	0.0	0.8	1.1	1.3	1.3	1.3	1.5	2.1	3.5	5.3	8.2
27.5°	0.0	0.9	1.2	1.3	1.3	1.3	1.6	2.5	4.1	6.0	9.7
25°	0.0	0.9	1.2	1.3	1.3	1.3	1.7	2.9	4.7	7.0	11.4
22.5°	0.0	1.0	1.2	1.3	1.3	1.3	1.9	3.3	5.3	8.3	13.3
20°	0.0	1.0	1.2	1.3	1.3	1.4	2.0	3.7	5.8	9.6	15.1
17.5°	0.0	1.1	1.3	1.3	1.3	1.5	2.3	4.1	6.3	10.9	16.8
15°	0.0	1.1	1.3	1.3	1.3	1.6	2.5	4.5	6.8	12.2	18.2
12.5°	0.0	1.1	1.3	1.3	1.3	1.8	2.8	4.9	7.4	13.4	19.6
10°	0.0	1.2	1.3	1.3	1.3	1.9	3.0	5.3	8.2	14.6	20.7
7.5°	0.0	1.2	1.3	1.3	1.3	2.1	3.2	5.6	9.1	15.6	21.8
5°	0.0	1.2	1.3	1.3	1.3	2.2	3.4	5.9	9.9	16.5	22.7
2.5°	0.0	1.3	1.3	1.3	1.3	2.4	3.6	6.1	10.7	17.2	23.5
0°	0.0	1.3	1.3	1.3	1.3	2.5	3.8	6.3	11.4	17.8	24.1
-2.5°	0.0	1.3	1.3	1.3	1.4	2.6	4.1	6.7	12.0	18.3	24.9
-5°	0.0	1.3	1.3	1.3	1.5	2.8	4.4	7.0	12.6	18.6	25.6
-7.5°	0.0	1.3	1.3	1.3	1.6	2.9	4.7	7.4	13.1	18.9	26.1
-10°	0.0	1.3	1.3	1.3	1.7	3.0	5.0	7.6	13.4	19.1	26.4
-12.5°	0.0	1.3	1.3	1.3	1.8	3.1	5.2	7.9	13.6	19.3	26.9
-15°	0.0	1.3	1.3	1.3	1.8	3.1	5.3	8.1	13.7	19.7	27.4
-17.5°	0.0	1.2	1.3	1.3	1.9	3.2	5.4	8.3	13.6	19.9	27.6
-20°	0.0	1.2	1.3	1.3	1.9	3.2	5.5	8.4	13.4	19.9	27.5

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CATALOG NUMBER: GFLD-SA1C-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	1.2	1.3	1.3	1.9	3.3	5.6	8.5	13.1	19.6	27.2
-25°	0.0	1.2	1.3	1.3	1.9	3.3	5.6	8.6	12.7	19.2	26.6
-27.5°	0.0	1.2	1.3	1.3	1.9	3.4	5.6	8.5	12.2	18.5	26.1
-30°	0.0	1.1	1.3	1.3	1.9	3.5	5.6	8.4	11.9	17.8	25.2
-32.5°	0.0	1.1	1.3	1.3	1.9	3.5	5.5	8.3	11.7	17.0	24.0
-35°	0.0	1.1	1.3	1.3	1.8	3.5	5.5	8.2	11.5	16.1	22.5
-37.5°	0.0	1.0	1.3	1.3	1.8	3.5	5.5	8.1	11.2	15.1	21.6
-40°	0.0	1.0	1.3	1.3	1.7	3.4	5.4	7.9	10.7	14.5	20.8
-42.5°	0.0	1.0	1.3	1.3	1.7	3.3	5.3	7.7	10.4	14.2	19.8
-45°	0.0	0.9	1.3	1.3	1.8	3.2	5.1	7.5	10.1	13.7	18.7
-47.5°	0.0	0.9	1.3	1.4	1.8	3.0	4.9	7.2	9.8	13.1	18.0
-50°	0.0	0.8	1.3	1.4	1.8	2.8	4.7	6.9	9.4	12.7	17.1
-52.5°	0.0	0.8	1.3	1.4	1.8	2.6	4.4	6.5	8.9	12.0	16.0
-55°	0.0	0.7	1.3	1.4	1.8	2.5	4.0	6.0	8.4	11.1	14.8
-57.5°	0.0	0.7	1.3	1.4	1.8	2.5	3.7	5.6	7.8	10.3	13.4
-60°	0.0	0.6	1.3	1.4	1.7	2.4	3.3	5.0	7.1	9.5	12.1
-62.5°	0.0	0.6	1.2	1.4	1.7	2.3	3.1	4.5	6.4	8.5	11.0
-65°	0.0	0.5	1.1	1.4	1.6	2.1	2.9	3.9	5.6	7.6	9.8
-67.5°	0.0	0.5	1.0	1.3	1.6	2.0	2.7	3.6	4.7	6.5	8.5
-70°	0.0	0.4	0.9	1.3	1.5	1.9	2.4	3.2	4.2	5.4	7.2
-72.5°	0.0	0.4	0.8	1.2	1.4	1.7	2.2	2.8	3.7	4.7	5.9
-75°	0.0	0.3	0.7	1.0	1.3	1.5	1.9	2.5	3.1	4.0	4.9
-77.5°	0.0	0.3	0.6	0.8	1.1	1.4	1.6	2.2	2.7	3.3	4.0
-80°	0.0	0.2	0.5	0.7	0.9	1.1	1.3	1.8	2.3	2.8	3.3
-82.5°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.4	1.9	2.4	2.8
-85°	0.0	0.1	0.2	0.3	0.5	0.6	0.7	1.0	1.3	1.7	2.1
-87.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.5	0.6	0.8	1.1
-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	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.1	0.4	0.4	0.3	0.0	0.0	0.0	0.1	0.0	0.0	0.0
65°	0.6	0.8	0.6	0.3	0.0	0.3	0.4	0.3	0.0	0.0	0.0
62.5°	1.2	1.0	0.7	0.5	0.7	1.0	0.8	0.4	0.1	0.6	0.9
60°	1.3	1.1	0.9	1.0	1.3	1.2	0.9	1.2	1.8	2.3	2.8
57.5°	1.3	1.2	1.2	1.4	1.5	1.5	2.2	3.0	4.2	5.2	5.9
55°	1.3	1.3	1.5	1.7	2.1	3.0	4.1	5.8	7.2	9.3	11.1
52.5°	1.5	1.5	1.9	2.6	3.8	5.2	7.2	9.6	12.3	14.4	16.5
50°	1.7	2.1	2.7	4.3	6.0	8.3	11.5	15.0	17.3	19.6	22.7
47.5°	2.3	2.9	4.4	6.3	8.8	12.3	16.8	19.3	21.5	25.2	29.0
45°	3.0	4.3	6.2	8.9	12.3	17.2	20.7	22.7	26.7	30.9	35.3
42.5°	3.9	5.9	8.6	11.4	16.7	21.4	24.6	27.9	31.8	36.7	41.4
40°	5.3	7.6	11.2	15.5	21.0	25.5	29.5	33.3	37.1	43.5	48.6
37.5°	6.7	10.0	14.1	19.5	25.2	30.2	34.6	39.3	44.8	52.1	56.6
35°	8.1	12.6	17.6	23.4	29.4	35.0	40.3	45.8	53.0	59.8	65.3
32.5°	10.0	15.2	20.8	27.1	33.2	39.6	46.1	52.7	59.8	66.7	73.9
30°	12.4	18.0	23.9	30.6	36.8	44.2	51.7	58.7	65.8	73.1	81.2
27.5°	14.8	20.6	27.0	33.7	40.3	48.6	56.8	64.0	71.3	79.3	88.4
25°	17.1	23.2	29.9	36.6	44.2	53.2	62.1	70.5	76.7	85.7	96.5
22.5°	19.2	25.8	33.0	39.1	48.0	57.8	68.1	77.2	84.6	92.6	104.8
20°	21.4	28.4	35.8	42.7	51.8	62.4	74.6	84.0	93.1	103.4	115.9
17.5°	23.4	30.9	38.7	46.8	56.4	67.4	81.3	90.8	101.7	114.1	129.8
15°	25.3	33.1	41.5	50.6	60.6	72.4	85.8	97.7	110.6	125.0	143.5
12.5°	27.1	35.2	44.3	54.2	64.3	76.7	89.6	102.2	117.2	135.9	159.2
10°	28.8	37.1	47.0	57.5	67.5	80.3	92.9	106.1	121.8	142.4	169.1
7.5°	30.1	39.0	49.6	60.4	70.2	83.3	95.8	109.3	125.7	147.7	175.7
5°	31.3	41.0	52.0	62.3	72.5	85.9	98.2	111.8	128.9	151.9	180.5
2.5°	32.2	42.8	54.0	63.7	74.5	88.3	100.1	114.6	132.0	155.2	184.9
0°	33.0	44.4	55.8	64.7	76.2	90.1	101.5	116.8	134.5	157.4	189.1
-2.5°	34.5	45.7	56.9	65.9	77.9	90.4	102.5	117.1	135.5	159.0	189.9
-5°	35.8	46.8	57.7	66.8	79.2	90.4	102.9	116.8	135.8	160.0	191.2
-7.5°	36.8	47.6	58.2	67.5	79.9	90.8	103.4	117.7	136.8	160.8	193.0
-10°	37.4	48.2	58.6	68.5	80.1	91.2	103.7	117.9	136.6	160.3	192.0
-12.5°	37.8	48.6	58.8	69.0	80.0	91.2	103.4	117.4	135.2	158.3	188.1
-15°	37.9	48.7	58.8	69.0	79.8	90.6	102.6	116.1	132.7	154.9	182.0
-17.5°	37.8	48.6	58.6	68.6	79.6	89.6	101.3	114.3	130.2	150.9	177.0
-20°	37.5	48.4	58.1	67.7	79.2	88.6	100.0	112.6	127.5	146.3	169.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626698 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	36.9	47.9	57.5	66.7	77.7	87.7	98.3	110.3	123.7	140.7	161.5
-25°	36.3	47.0	56.7	66.1	76.1	86.4	96.3	107.6	120.0	136.3	155.0
-27.5°	35.5	45.9	55.6	65.1	74.4	84.5	94.2	104.9	117.1	131.5	148.2
-30°	34.4	44.4	54.1	63.7	73.0	82.4	91.7	102.0	113.5	127.1	142.5
-32.5°	32.9	42.6	52.1	61.7	71.3	80.3	89.1	98.9	109.7	121.6	136.3
-35°	31.4	40.8	50.0	59.2	69.3	78.0	86.4	95.4	105.5	116.6	128.5
-37.5°	30.0	38.8	47.8	56.4	66.0	75.1	83.3	91.9	101.2	111.3	122.1
-40°	28.5	36.7	45.4	53.8	62.3	71.5	79.7	88.0	96.6	106.8	116.4
-42.5°	26.9	34.9	43.0	51.2	59.3	67.5	75.7	83.7	92.7	102.3	111.8
-45°	25.6	33.0	40.5	48.5	56.4	63.9	71.6	79.0	88.2	97.8	107.1
-47.5°	24.0	31.1	38.4	45.6	53.4	60.9	67.8	75.3	83.1	92.2	101.9
-50°	22.4	29.1	35.8	42.6	50.0	57.5	64.5	71.4	78.8	86.3	94.7
-52.5°	21.1	26.9	33.1	39.4	46.4	53.7	60.8	67.7	74.5	81.5	88.7
-55°	19.4	24.8	30.3	36.2	42.3	49.3	56.3	63.1	70.0	76.6	83.6
-57.5°	17.7	22.5	27.5	33.0	38.6	44.3	51.1	57.9	64.4	71.0	78.2
-60°	15.7	19.9	24.5	29.5	35.0	40.2	45.8	52.0	58.3	64.6	71.3
-62.5°	13.6	17.3	21.4	25.8	30.8	35.9	41.0	46.3	52.0	57.5	63.3
-65°	12.2	14.8	18.3	22.2	26.3	30.9	35.7	40.6	45.6	50.2	54.7
-67.5°	10.7	13.1	15.6	18.5	22.2	26.1	30.0	34.3	38.8	43.1	47.2
-70°	9.1	11.3	13.5	15.9	18.5	21.7	25.3	28.8	32.2	35.8	39.7
-72.5°	7.4	9.3	11.3	13.4	15.6	18.1	20.9	23.9	26.9	29.9	32.9
-75°	6.1	7.3	8.9	10.7	12.7	14.7	16.7	19.0	21.6	24.2	26.7
-77.5°	5.0	6.1	7.2	8.4	9.7	11.6	13.3	15.1	16.9	18.8	20.9
-80°	4.1	4.9	5.9	6.9	7.9	9.0	10.3	11.6	12.9	14.2	15.6
-82.5°	3.4	4.1	4.8	5.5	6.1	6.7	7.3	8.2	9.0	9.9	10.8
-85°	2.6	3.1	3.6	4.2	4.4	4.7	5.0	5.4	5.9	6.5	7.0
-87.5°	1.3	1.6	1.9	2.2	2.3	2.4	2.6	2.7	3.0	3.4	3.8
-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: P626698 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-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	0.2	0.3	0.3	0.1	0.0	0.0
62.5°	0.7	0.6	1.0	1.3	1.5	1.4	1.3	1.2	1.0	0.9	1.1
60°	3.0	2.9	4.1	4.7	4.3	3.0	4.8	5.6	5.4	4.6	4.6
57.5°	7.4	9.1	10.2	10.7	12.4	15.1	15.6	14.7	14.4	14.7	17.0
55°	12.9	14.2	14.9	17.2	19.2	20.7	21.6	22.5	23.8	25.3	27.0
52.5°	18.2	20.0	21.4	23.4	25.9	26.8	26.6	29.7	32.1	33.7	34.3
50°	25.1	27.3	30.4	33.6	35.1	36.4	37.9	40.4	44.2	48.9	51.6
47.5°	32.4	35.9	39.2	42.9	44.8	46.2	48.4	52.9	58.2	63.3	65.9
45°	39.0	42.1	45.9	49.1	51.4	54.2	57.3	61.4	67.4	72.7	76.3
42.5°	44.3	47.8	51.7	55.6	58.0	61.7	66.5	72.0	78.2	83.7	87.7
40°	51.8	54.7	61.0	64.6	65.6	69.1	78.6	86.1	93.2	99.9	103.3
37.5°	60.8	66.5	73.0	76.4	79.6	85.8	98.5	110.7	119.8	128.9	133.9
35°	71.0	78.6	87.4	91.3	98.3	111.9	126.9	143.8	164.9	173.8	181.8
32.5°	80.9	89.4	97.6	106.4	118.6	134.9	151.7	179.2	204.9	224.8	239.3
30°	89.7	98.8	108.8	120.1	137.4	159.8	187.9	223.5	259.7	291.2	318.0
27.5°	98.4	108.7	120.7	137.6	161.9	192.3	237.2	287.9	348.3	392.8	445.9
25°	108.0	119.7	135.1	159.6	192.4	237.8	309.6	392.0	491.0	571.3	655.3
22.5°	119.3	136.6	156.1	183.4	240.8	315.6	413.6	554.4	706.7	847.6	983.2
20°	133.0	156.6	187.9	238.2	311.8	422.5	592.6	817.4	1041.5	1280.1	1509.8
17.5°	152.4	186.6	235.1	306.8	403.7	622.7	898.8	1246.4	1693.0	2097.7	2451.1
15°	170.7	211.5	288.1	395.2	564.4	854.6	1273.9	1847.7	2543.7	3178.0	3848.0
12.5°	189.9	238.0	326.0	462.4	697.5	1075.3	1664.6	2450.7	3322.2	4278.2	5367.2
10°	205.1	263.5	368.9	541.9	831.6	1302.1	2004.0	2957.4	4115.5	5530.4	7271.1
7.5°	215.3	284.0	404.3	600.0	955.1	1534.0	2379.0	3524.9	4972.8	6847.2	9282.9
5°	223.3	299.6	431.0	653.0	1059.5	1711.1	2656.8	4022.0	5734.7	8246.0	12373.9
2.5°	229.7	311.6	447.4	689.5	1125.1	1834.4	2843.1	4303.1	6188.2	9280.2	14635.5
0°	234.8	322.4	458.2	712.0	1175.3	1846.7	2901.3	4354.5	6351.0	9466.8	15122.3
-2.5°	237.0	328.2	461.8	716.9	1170.2	1867.8	2919.1	4395.6	6344.8	9364.6	14578.7
-5°	240.5	328.1	459.1	711.9	1144.0	1813.1	2803.2	4165.6	5962.0	8559.1	12831.0
-7.5°	243.1	322.8	445.8	679.6	1075.3	1694.8	2599.5	3784.6	5265.4	7237.3	9883.0
-10°	240.7	312.8	423.7	625.6	968.5	1505.0	2289.7	3281.5	4512.3	5973.6	7771.1
-12.5°	231.7	294.3	387.5	549.8	830.2	1292.5	1978.1	2822.5	3733.4	4759.8	6001.9
-15°	220.2	274.3	354.9	497.8	727.8	1081.8	1582.3	2267.4	2998.1	3777.3	4608.3
-17.5°	211.3	256.8	323.5	426.9	596.1	877.6	1270.9	1757.6	2294.6	2887.8	3380.2
-20°	199.2	235.2	291.2	375.6	504.7	691.2	977.7	1331.2	1685.5	2102.7	2442.8

Classified

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626698 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	187.1	218.4	261.1	322.9	418.9	559.8	736.8	972.9	1232.0	1471.4	1707.1
-25°	175.9	200.0	234.5	285.2	350.4	446.5	572.5	707.9	878.7	1024.4	1186.2
-27.5°	166.8	187.5	213.0	250.1	300.7	362.5	452.7	543.5	633.3	706.9	818.2
-30°	158.0	174.7	196.0	222.5	260.4	308.0	366.6	425.4	477.3	524.6	582.6
-32.5°	149.4	163.0	179.3	201.3	228.5	264.3	300.3	342.5	378.5	411.8	442.6
-35°	140.8	152.8	165.3	183.8	205.5	231.0	257.2	285.8	310.7	333.1	352.9
-37.5°	133.0	143.6	155.3	169.1	186.5	205.7	227.1	247.9	264.3	278.9	290.9
-40°	126.4	136.0	146.0	157.1	170.4	185.5	203.7	221.0	232.5	241.4	248.7
-42.5°	120.5	129.0	137.5	146.9	157.1	170.2	184.6	198.8	206.7	213.6	218.9
-45°	115.8	122.3	129.5	137.5	146.6	157.5	168.8	178.7	185.7	191.6	196.0
-47.5°	109.6	115.9	122.1	128.7	137.1	146.3	155.6	163.2	169.2	174.4	177.8
-50°	102.7	109.3	115.0	120.8	128.6	136.3	143.9	150.1	155.9	160.9	163.6
-52.5°	95.6	102.7	108.7	114.4	120.8	127.6	134.3	139.7	144.8	149.5	151.6
-55°	90.5	97.0	103.2	108.5	113.9	119.3	124.8	130.4	135.4	139.9	141.2
-57.5°	85.0	91.6	97.7	102.5	107.3	112.2	117.2	122.3	127.1	131.4	132.5
-60°	78.2	85.4	90.9	95.4	100.1	104.8	109.2	113.7	118.2	122.0	123.2
-62.5°	69.7	76.2	81.6	86.3	90.9	95.0	99.3	103.5	107.5	110.5	111.5
-65°	59.4	65.0	70.5	75.4	79.9	83.9	87.9	91.7	95.4	98.0	99.3
-67.5°	51.3	55.3	59.7	64.0	68.5	72.6	76.2	79.6	82.8	85.0	86.4
-70°	43.4	47.2	51.4	55.5	59.4	62.8	65.6	68.4	71.1	73.1	74.5
-72.5°	35.9	39.2	42.6	46.3	49.9	52.9	55.5	58.0	60.3	62.0	63.4
-75°	29.2	31.9	34.8	37.7	40.6	43.0	45.2	47.3	49.4	50.9	52.1
-77.5°	23.1	25.4	27.7	30.0	32.3	34.0	35.6	37.2	38.7	39.9	41.0
-80°	17.1	18.9	20.7	22.6	24.4	25.7	27.0	28.1	29.2	29.9	30.5
-82.5°	11.7	13.0	14.2	15.5	16.8	17.8	18.8	19.7	20.7	21.0	21.2
-85°	7.5	8.1	8.8	9.5	10.2	10.7	11.3	11.8	12.3	12.7	13.1
-87.5°	4.2	4.3	4.4	4.5	4.6	5.0	5.4	5.7	6.1	6.2	6.2
-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: P626698 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-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	0.1	0.3
62.5°	1.2	1.2	1.3	1.3	1.3	1.2	1.2	1.1	0.9	1.0	1.2
60°	4.3	3.9	3.8	3.8	3.8	3.9	4.3	4.6	4.6	5.4	5.6
57.5°	19.3	21.4	22.1	21.6	22.1	21.4	19.3	17.0	14.7	14.4	14.7
55°	28.1	28.8	29.1	29.2	29.1	28.8	28.1	27.0	25.3	23.8	22.5
52.5°	34.5	34.3	34.2	34.3	34.2	34.3	34.5	34.3	33.7	32.1	29.7
50°	51.8	50.9	50.5	50.8	50.5	50.9	51.8	51.6	48.9	44.2	40.4
47.5°	66.2	66.5	67.0	67.3	67.0	66.5	66.2	65.9	63.3	58.2	52.9
45°	77.3	78.0	78.5	78.7	78.5	78.0	77.3	76.3	72.7	67.4	61.4
42.5°	88.6	88.7	88.6	88.8	88.6	88.7	88.6	87.7	83.7	78.2	72.0
40°	104.6	105.0	104.6	104.1	104.6	105.0	104.6	103.3	99.9	93.2	86.1
37.5°	136.8	137.3	135.7	134.5	135.7	137.3	136.8	133.9	128.9	119.8	110.7
35°	189.2	194.6	197.2	198.0	197.2	194.6	189.2	181.8	173.8	164.9	143.8
32.5°	249.3	256.8	260.6	264.0	260.6	256.8	249.3	239.3	224.8	204.9	179.2
30°	335.5	349.4	355.6	364.3	355.6	349.4	335.5	318.0	291.2	259.7	223.5
27.5°	476.1	500.6	514.2	526.7	514.2	500.6	476.1	445.9	392.8	348.3	287.9
25°	716.4	763.5	794.0	808.5	794.0	763.5	716.4	655.3	571.3	491.0	392.0
22.5°	1114.5	1201.4	1268.4	1281.9	1268.4	1201.4	1114.5	983.2	847.6	706.7	554.4
20°	1732.7	1857.0	1958.1	2009.1	1958.1	1857.0	1732.7	1509.8	1280.1	1041.5	817.4
17.5°	2871.9	3130.6	3248.7	3268.1	3248.7	3130.6	2871.9	2451.1	2097.7	1693.0	1246.4
15°	4566.8	5004.5	5282.4	5461.3	5282.4	5004.5	4566.8	3848.0	3178.0	2543.7	1847.7
12.5°	6500.7	7744.4	8452.0	8721.8	8452.0	7744.4	6500.7	5367.2	4278.2	3322.2	2450.7
10°	9125.4	12053.1	13741.9	14591.7	13741.9	12053.1	9125.4	7271.1	5530.4	4115.5	2957.4
7.5°	13580.1	18101.9	23112.0	25429.9	23112.0	18101.9	13580.1	9282.9	6847.2	4972.8	3524.9
5°	18263.0	28191.2	36905.3	41078.2	36905.3	28191.2	18263.0	12373.9	8246.0	5734.7	4022.0
2.5°	23645.3	37034.5	49413.8	54619.1	49413.8	37034.5	23645.3	14635.5	9280.2	6188.2	4303.1
0°	25716.8	41313.0	54851.9	59961.0	54851.9	41313.0	25716.8	15122.3	9466.8	6351.0	4354.5
-2.5°	23965.5	37683.1	49626.5	55464.3	49626.5	37683.1	23965.5	14578.7	9364.6	6344.8	4395.6
-5°	19041.9	28346.6	37191.8	41948.9	37191.8	28346.6	19041.9	12831.0	8559.1	5962.0	4165.6
-7.5°	13975.5	19040.9	23953.3	25671.1	23953.3	19040.9	13975.5	9883.0	7237.3	5265.4	3784.6
-10°	9730.0	12630.7	14545.4	15091.8	14545.4	12630.7	9730.0	7771.1	5973.6	4512.3	3281.5
-12.5°	7213.8	8482.6	9365.3	9518.8	9365.3	8482.6	7213.8	6001.9	4759.8	3733.4	2822.5
-15°	5341.6	5986.9	6442.2	6472.8	6442.2	5986.9	5341.6	4608.3	3777.3	2998.1	2267.4
-17.5°	3904.8	4337.8	4567.6	4551.3	4567.6	4337.8	3904.8	3380.2	2887.8	2294.6	1757.6
-20°	2792.2	3053.2	3238.3	3202.1	3238.3	3053.2	2792.2	2442.8	2102.7	1685.5	1331.2



REPORT NUMBER: P626698 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	1946.9	2120.2	2228.7	2200.8	2228.7	2120.2	1946.9	1707.1	1471.4	1232.0	972.9
-25°	1322.9	1417.3	1471.1	1462.1	1471.1	1417.3	1322.9	1186.2	1024.4	878.7	707.9
-27.5°	901.5	951.4	968.0	967.1	968.0	951.4	901.5	818.2	706.9	633.3	543.5
-30°	625.7	659.2	678.4	666.3	678.4	659.2	625.7	582.6	524.6	477.3	425.4
-32.5°	466.4	485.2	496.2	484.8	496.2	485.2	466.4	442.6	411.8	378.5	342.5
-35°	367.5	377.1	381.0	374.4	381.0	377.1	367.5	352.9	333.1	310.7	285.8
-37.5°	299.6	305.3	307.2	303.3	307.2	305.3	299.6	290.9	278.9	264.3	247.9
-40°	253.9	257.3	258.2	255.1	258.2	257.3	253.9	248.7	241.4	232.5	221.0
-42.5°	222.2	224.2	224.7	223.4	224.7	224.2	222.2	218.9	213.6	206.7	198.8
-45°	198.6	200.3	200.6	199.3	200.6	200.3	198.6	196.0	191.6	185.7	178.7
-47.5°	179.4	180.5	180.8	180.2	180.8	180.5	179.4	177.8	174.4	169.2	163.2
-50°	164.8	165.6	165.6	165.0	165.6	165.6	164.8	163.6	160.9	155.9	150.1
-52.5°	152.5	153.1	153.4	153.6	153.4	153.1	152.5	151.6	149.5	144.8	139.7
-55°	142.2	142.9	143.3	143.4	143.3	142.9	142.2	141.2	139.9	135.4	130.4
-57.5°	133.4	134.0	134.4	134.5	134.4	134.0	133.4	132.5	131.4	127.1	122.3
-60°	124.2	125.0	125.4	125.6	125.4	125.0	124.2	123.2	122.0	118.2	113.7
-62.5°	112.2	112.6	112.9	113.0	112.9	112.6	112.2	111.5	110.5	107.5	103.5
-65°	100.3	101.0	101.4	101.5	101.4	101.0	100.3	99.3	98.0	95.4	91.7
-67.5°	87.5	88.3	89.3	90.1	89.3	88.3	87.5	86.4	85.0	82.8	79.6
-70°	75.8	77.0	77.3	77.4	77.3	77.0	75.8	74.5	73.1	71.1	68.4
-72.5°	64.6	65.6	66.5	67.3	66.5	65.6	64.6	63.4	62.0	60.3	58.0
-75°	53.3	54.3	54.5	54.6	54.5	54.3	53.3	52.1	50.9	49.4	47.3
-77.5°	42.0	42.9	43.1	43.2	43.1	42.9	42.0	41.0	39.9	38.7	37.2
-80°	31.0	31.5	32.3	33.0	32.3	31.5	31.0	30.5	29.9	29.2	28.1
-82.5°	21.4	21.5	21.6	21.6	21.6	21.5	21.4	21.2	21.0	20.7	19.7
-85°	13.5	13.9	14.0	14.0	14.0	13.9	13.5	13.1	12.7	12.3	11.8
-87.5°	6.2	6.3	6.3	6.3	6.3	6.3	6.2	6.2	6.2	6.1	5.7
-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: P626698 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-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°	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3
62.5°	1.3	1.4	1.5	1.3	1.0	0.6	0.7	0.9	0.6	0.1	0.4
60°	4.8	3.0	4.3	4.7	4.1	2.9	3.0	2.8	2.3	1.8	1.2
57.5°	15.6	15.1	12.4	10.7	10.2	9.1	7.4	5.9	5.2	4.2	3.0
55°	21.6	20.7	19.2	17.2	14.9	14.2	12.9	11.1	9.3	7.2	5.8
52.5°	26.6	26.8	25.9	23.4	21.4	20.0	18.2	16.5	14.4	12.3	9.6
50°	37.9	36.4	35.1	33.6	30.4	27.3	25.1	22.7	19.6	17.3	15.0
47.5°	48.4	46.2	44.8	42.9	39.2	35.9	32.4	29.0	25.2	21.5	19.3
45°	57.3	54.2	51.4	49.1	45.9	42.1	39.0	35.3	30.9	26.7	22.7
42.5°	66.5	61.7	58.0	55.6	51.7	47.8	44.3	41.4	36.7	31.8	27.9
40°	78.6	69.1	65.6	64.6	61.0	54.7	51.8	48.6	43.5	37.1	33.3
37.5°	98.5	85.8	79.6	76.4	73.0	66.5	60.8	56.6	52.1	44.8	39.3
35°	126.9	111.9	98.3	91.3	87.4	78.6	71.0	65.3	59.8	53.0	45.8
32.5°	151.7	134.9	118.6	106.4	97.6	89.4	80.9	73.9	66.7	59.8	52.7
30°	187.9	159.8	137.4	120.1	108.8	98.8	89.7	81.2	73.1	65.8	58.7
27.5°	237.2	192.3	161.9	137.6	120.7	108.7	98.4	88.4	79.3	71.3	64.0
25°	309.6	237.8	192.4	159.6	135.1	119.7	108.0	96.5	85.7	76.7	70.5
22.5°	413.6	315.6	240.8	183.4	156.1	136.6	119.3	104.8	92.6	84.6	77.2
20°	592.6	422.5	311.8	238.2	187.9	156.6	133.0	115.9	103.4	93.1	84.0
17.5°	898.8	622.7	403.7	306.8	235.1	186.6	152.4	129.8	114.1	101.7	90.8
15°	1273.9	854.6	564.4	395.2	288.1	211.5	170.7	143.5	125.0	110.6	97.7
12.5°	1664.6	1075.3	697.5	462.4	326.0	238.0	189.9	159.2	135.9	117.2	102.2
10°	2004.0	1302.1	831.6	541.9	368.9	263.5	205.1	169.1	142.4	121.8	106.1
7.5°	2379.0	1534.0	955.1	600.0	404.3	284.0	215.3	175.7	147.7	125.7	109.3
5°	2656.8	1711.1	1059.5	653.0	431.0	299.6	223.3	180.5	151.9	128.9	111.8
2.5°	2843.1	1834.4	1125.1	689.5	447.4	311.6	229.7	184.9	155.2	132.0	114.6
0°	2901.3	1846.7	1175.3	712.0	458.2	322.4	234.8	189.1	157.4	134.5	116.8
-2.5°	2919.1	1867.8	1170.2	716.9	461.8	328.2	237.0	189.9	159.0	135.5	117.1
-5°	2803.2	1813.1	1144.0	711.9	459.1	328.1	240.5	191.2	160.0	135.8	116.8
-7.5°	2599.5	1694.8	1075.3	679.6	445.8	322.8	243.1	193.0	160.8	136.8	117.7
-10°	2289.7	1505.0	968.5	625.6	423.7	312.8	240.7	192.0	160.3	136.6	117.9
-12.5°	1978.1	1292.5	830.2	549.8	387.5	294.3	231.7	188.1	158.3	135.2	117.4
-15°	1582.3	1081.8	727.8	497.8	354.9	274.3	220.2	182.0	154.9	132.7	116.1
-17.5°	1270.9	877.6	596.1	426.9	323.5	256.8	211.3	177.0	150.9	130.2	114.3
-20°	977.7	691.2	504.7	375.6	291.2	235.2	199.2	169.7	146.3	127.5	112.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626698 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	736.8	559.8	418.9	322.9	261.1	218.4	187.1	161.5	140.7	123.7	110.3
-25°	572.5	446.5	350.4	285.2	234.5	200.0	175.9	155.0	136.3	120.0	107.6
-27.5°	452.7	362.5	300.7	250.1	213.0	187.5	166.8	148.2	131.5	117.1	104.9
-30°	366.6	308.0	260.4	222.5	196.0	174.7	158.0	142.5	127.1	113.5	102.0
-32.5°	300.3	264.3	228.5	201.3	179.3	163.0	149.4	136.3	121.6	109.7	98.9
-35°	257.2	231.0	205.5	183.8	165.3	152.8	140.8	128.5	116.6	105.5	95.4
-37.5°	227.1	205.7	186.5	169.1	155.3	143.6	133.0	122.1	111.3	101.2	91.9
-40°	203.7	185.5	170.4	157.1	146.0	136.0	126.4	116.4	106.8	96.6	88.0
-42.5°	184.6	170.2	157.1	146.9	137.5	129.0	120.5	111.8	102.3	92.7	83.7
-45°	168.8	157.5	146.6	137.5	129.5	122.3	115.8	107.1	97.8	88.2	79.0
-47.5°	155.6	146.3	137.1	128.7	122.1	115.9	109.6	101.9	92.2	83.1	75.3
-50°	143.9	136.3	128.6	120.8	115.0	109.3	102.7	94.7	86.3	78.8	71.4
-52.5°	134.3	127.6	120.8	114.4	108.7	102.7	95.6	88.7	81.5	74.5	67.7
-55°	124.8	119.3	113.9	108.5	103.2	97.0	90.5	83.6	76.6	70.0	63.1
-57.5°	117.2	112.2	107.3	102.5	97.7	91.6	85.0	78.2	71.0	64.4	57.9
-60°	109.2	104.8	100.1	95.4	90.9	85.4	78.2	71.3	64.6	58.3	52.0
-62.5°	99.3	95.0	90.9	86.3	81.6	76.2	69.7	63.3	57.5	52.0	46.3
-65°	87.9	83.9	79.9	75.4	70.5	65.0	59.4	54.7	50.2	45.6	40.6
-67.5°	76.2	72.6	68.5	64.0	59.7	55.3	51.3	47.2	43.1	38.8	34.3
-70°	65.6	62.8	59.4	55.5	51.4	47.2	43.4	39.7	35.8	32.2	28.8
-72.5°	55.5	52.9	49.9	46.3	42.6	39.2	35.9	32.9	29.9	26.9	23.9
-75°	45.2	43.0	40.6	37.7	34.8	31.9	29.2	26.7	24.2	21.6	19.0
-77.5°	35.6	34.0	32.3	30.0	27.7	25.4	23.1	20.9	18.8	16.9	15.1
-80°	27.0	25.7	24.4	22.6	20.7	18.9	17.1	15.6	14.2	12.9	11.6
-82.5°	18.8	17.8	16.8	15.5	14.2	13.0	11.7	10.8	9.9	9.0	8.2
-85°	11.3	10.7	10.2	9.5	8.8	8.1	7.5	7.0	6.5	5.9	5.4
-87.5°	5.4	5.0	4.6	4.5	4.4	4.3	4.2	3.8	3.4	3.0	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: P626698 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-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	0.1	0.3	0.3	0.1
70°	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.2	0.5	0.5	0.4
67.5°	0.0	0.0	0.0	0.3	0.4	0.4	0.1	0.2	0.5	0.8	0.7
65°	0.4	0.3	0.0	0.3	0.6	0.8	0.6	0.4	0.6	0.9	1.1
62.5°	0.8	1.0	0.7	0.5	0.7	1.0	1.2	0.8	0.7	0.9	1.2
60°	0.9	1.2	1.3	1.0	0.9	1.1	1.3	1.2	0.9	1.0	1.3
57.5°	2.2	1.5	1.5	1.4	1.2	1.2	1.3	1.3	1.2	1.1	1.3
55°	4.1	3.0	2.1	1.7	1.5	1.3	1.3	1.3	1.3	1.2	1.3
52.5°	7.2	5.2	3.8	2.6	1.9	1.5	1.5	1.3	1.3	1.3	1.3
50°	11.5	8.3	6.0	4.3	2.7	2.1	1.7	1.5	1.3	1.3	1.3
47.5°	16.8	12.3	8.8	6.3	4.4	2.9	2.3	1.8	1.3	1.3	1.3
45°	20.7	17.2	12.3	8.9	6.2	4.3	3.0	2.1	1.6	1.3	1.3
42.5°	24.6	21.4	16.7	11.4	8.6	5.9	3.9	2.8	1.9	1.4	1.3
40°	29.5	25.5	21.0	15.5	11.2	7.6	5.3	3.6	2.3	1.6	1.4
37.5°	34.6	30.2	25.2	19.5	14.1	10.0	6.7	4.5	2.9	2.1	1.6
35°	40.3	35.0	29.4	23.4	17.6	12.6	8.1	5.5	3.7	2.5	1.7
32.5°	46.1	39.6	33.2	27.1	20.8	15.2	10.0	6.8	4.5	3.0	1.9
30°	51.7	44.2	36.8	30.6	23.9	18.0	12.4	8.2	5.3	3.5	2.1
27.5°	56.8	48.6	40.3	33.7	27.0	20.6	14.8	9.7	6.0	4.1	2.5
25°	62.1	53.2	44.2	36.6	29.9	23.2	17.1	11.4	7.0	4.7	2.9
22.5°	68.1	57.8	48.0	39.1	33.0	25.8	19.2	13.3	8.3	5.3	3.3
20°	74.6	62.4	51.8	42.7	35.8	28.4	21.4	15.1	9.6	5.8	3.7
17.5°	81.3	67.4	56.4	46.8	38.7	30.9	23.4	16.8	10.9	6.3	4.1
15°	85.8	72.4	60.6	50.6	41.5	33.1	25.3	18.2	12.2	6.8	4.5
12.5°	89.6	76.7	64.3	54.2	44.3	35.2	27.1	19.6	13.4	7.4	4.9
10°	92.9	80.3	67.5	57.5	47.0	37.1	28.8	20.7	14.6	8.2	5.3
7.5°	95.8	83.3	70.2	60.4	49.6	39.0	30.1	21.8	15.6	9.1	5.6
5°	98.2	85.9	72.5	62.3	52.0	41.0	31.3	22.7	16.5	9.9	5.9
2.5°	100.1	88.3	74.5	63.7	54.0	42.8	32.2	23.5	17.2	10.7	6.1
0°	101.5	90.1	76.2	64.7	55.8	44.4	33.0	24.1	17.8	11.4	6.3
-2.5°	102.5	90.4	77.9	65.9	56.9	45.7	34.5	24.9	18.3	12.0	6.7
-5°	102.9	90.4	79.2	66.8	57.7	46.8	35.8	25.6	18.6	12.6	7.0
-7.5°	103.4	90.8	79.9	67.5	58.2	47.6	36.8	26.1	18.9	13.1	7.4
-10°	103.7	91.2	80.1	68.5	58.6	48.2	37.4	26.4	19.1	13.4	7.6
-12.5°	103.4	91.2	80.0	69.0	58.8	48.6	37.8	26.9	19.3	13.6	7.9
-15°	102.6	90.6	79.8	69.0	58.8	48.7	37.9	27.4	19.7	13.7	8.1
-17.5°	101.3	89.6	79.6	68.6	58.6	48.6	37.8	27.6	19.9	13.6	8.3
-20°	100.0	88.6	79.2	67.7	58.1	48.4	37.5	27.5	19.9	13.4	8.4

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P626698 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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°	98.3	87.7	77.7	66.7	57.5	47.9	36.9	27.2	19.6	13.1	8.5
-25°	96.3	86.4	76.1	66.1	56.7	47.0	36.3	26.6	19.2	12.7	8.6
-27.5°	94.2	84.5	74.4	65.1	55.6	45.9	35.5	26.1	18.5	12.2	8.5
-30°	91.7	82.4	73.0	63.7	54.1	44.4	34.4	25.2	17.8	11.9	8.4
-32.5°	89.1	80.3	71.3	61.7	52.1	42.6	32.9	24.0	17.0	11.7	8.3
-35°	86.4	78.0	69.3	59.2	50.0	40.8	31.4	22.5	16.1	11.5	8.2
-37.5°	83.3	75.1	66.0	56.4	47.8	38.8	30.0	21.6	15.1	11.2	8.1
-40°	79.7	71.5	62.3	53.8	45.4	36.7	28.5	20.8	14.5	10.7	7.9
-42.5°	75.7	67.5	59.3	51.2	43.0	34.9	26.9	19.8	14.2	10.4	7.7
-45°	71.6	63.9	56.4	48.5	40.5	33.0	25.6	18.7	13.7	10.1	7.5
-47.5°	67.8	60.9	53.4	45.6	38.4	31.1	24.0	18.0	13.1	9.8	7.2
-50°	64.5	57.5	50.0	42.6	35.8	29.1	22.4	17.1	12.7	9.4	6.9
-52.5°	60.8	53.7	46.4	39.4	33.1	26.9	21.1	16.0	12.0	8.9	6.5
-55°	56.3	49.3	42.3	36.2	30.3	24.8	19.4	14.8	11.1	8.4	6.0
-57.5°	51.1	44.3	38.6	33.0	27.5	22.5	17.7	13.4	10.3	7.8	5.6
-60°	45.8	40.2	35.0	29.5	24.5	19.9	15.7	12.1	9.5	7.1	5.0
-62.5°	41.0	35.9	30.8	25.8	21.4	17.3	13.6	11.0	8.5	6.4	4.5
-65°	35.7	30.9	26.3	22.2	18.3	14.8	12.2	9.8	7.6	5.6	3.9
-67.5°	30.0	26.1	22.2	18.5	15.6	13.1	10.7	8.5	6.5	4.7	3.6
-70°	25.3	21.7	18.5	15.9	13.5	11.3	9.1	7.2	5.4	4.2	3.2
-72.5°	20.9	18.1	15.6	13.4	11.3	9.3	7.4	5.9	4.7	3.7	2.8
-75°	16.7	14.7	12.7	10.7	8.9	7.3	6.1	4.9	4.0	3.1	2.5
-77.5°	13.3	11.6	9.7	8.4	7.2	6.1	5.0	4.0	3.3	2.7	2.2
-80°	10.3	9.0	7.9	6.9	5.9	4.9	4.1	3.3	2.8	2.3	1.8
-82.5°	7.3	6.7	6.1	5.5	4.8	4.1	3.4	2.8	2.4	1.9	1.4
-85°	5.0	4.7	4.4	4.2	3.6	3.1	2.6	2.1	1.7	1.3	1.0
-87.5°	2.6	2.4	2.3	2.2	1.9	1.6	1.3	1.1	0.8	0.6	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P626698 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-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	0.1	0.0
75°	0.0	0.1	0.0	0.0	0.0	0.2	0.0
72.5°	0.1	0.2	0.1	0.0	0.0	0.2	0.0
70°	0.2	0.3	0.3	0.0	0.1	0.2	0.0
67.5°	0.5	0.4	0.4	0.2	0.1	0.3	0.0
65°	0.8	0.6	0.5	0.3	0.1	0.3	0.0
62.5°	1.0	0.7	0.7	0.4	0.1	0.3	0.0
60°	1.3	0.9	0.8	0.5	0.2	0.4	0.0
57.5°	1.3	1.1	0.9	0.7	0.3	0.4	0.0
55°	1.3	1.2	1.0	0.8	0.4	0.4	0.0
52.5°	1.3	1.3	1.1	1.0	0.5	0.5	0.0
50°	1.3	1.3	1.1	1.1	0.6	0.5	0.0
47.5°	1.3	1.3	1.2	1.2	0.7	0.6	0.0
45°	1.3	1.3	1.3	1.3	0.8	0.6	0.0
42.5°	1.3	1.3	1.3	1.3	0.8	0.6	0.0
40°	1.3	1.3	1.3	1.3	0.9	0.7	0.0
37.5°	1.3	1.3	1.3	1.3	1.0	0.7	0.0
35°	1.3	1.3	1.3	1.3	1.0	0.8	0.0
32.5°	1.3	1.3	1.3	1.3	1.1	0.8	0.0
30°	1.5	1.3	1.3	1.3	1.1	0.8	0.0
27.5°	1.6	1.3	1.3	1.3	1.2	0.9	0.0
25°	1.7	1.3	1.3	1.3	1.2	0.9	0.0
22.5°	1.9	1.3	1.3	1.3	1.2	1.0	0.0
20°	2.0	1.4	1.3	1.3	1.2	1.0	0.0
17.5°	2.3	1.5	1.3	1.3	1.3	1.1	0.0
15°	2.5	1.6	1.3	1.3	1.3	1.1	0.0
12.5°	2.8	1.8	1.3	1.3	1.3	1.1	0.0
10°	3.0	1.9	1.3	1.3	1.3	1.2	0.0
7.5°	3.2	2.1	1.3	1.3	1.3	1.2	0.0
5°	3.4	2.2	1.3	1.3	1.3	1.2	0.0
2.5°	3.6	2.4	1.3	1.3	1.3	1.3	0.0
0°	3.8	2.5	1.3	1.3	1.3	1.3	0.0
-2.5°	4.1	2.6	1.4	1.3	1.3	1.3	0.0
-5°	4.4	2.8	1.5	1.3	1.3	1.3	0.0
-7.5°	4.7	2.9	1.6	1.3	1.3	1.3	0.0
-10°	5.0	3.0	1.7	1.3	1.3	1.3	0.0
-12.5°	5.2	3.1	1.8	1.3	1.3	1.3	0.0
-15°	5.3	3.1	1.8	1.3	1.3	1.3	0.0
-17.5°	5.4	3.2	1.9	1.3	1.3	1.2	0.0
-20°	5.5	3.2	1.9	1.3	1.3	1.2	0.0

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CATALOG NUMBER: GFLD-SA1C-750-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	5.6	3.3	1.9	1.3	1.3	1.2	0.0
-25°	5.6	3.3	1.9	1.3	1.3	1.2	0.0
-27.5°	5.6	3.4	1.9	1.3	1.3	1.2	0.0
-30°	5.6	3.5	1.9	1.3	1.3	1.1	0.0
-32.5°	5.5	3.5	1.9	1.3	1.3	1.1	0.0
-35°	5.5	3.5	1.8	1.3	1.3	1.1	0.0
-37.5°	5.5	3.5	1.8	1.3	1.3	1.0	0.0
-40°	5.4	3.4	1.7	1.3	1.3	1.0	0.0
-42.5°	5.3	3.3	1.7	1.3	1.3	1.0	0.0
-45°	5.1	3.2	1.8	1.3	1.3	0.9	0.0
-47.5°	4.9	3.0	1.8	1.4	1.3	0.9	0.0
-50°	4.7	2.8	1.8	1.4	1.3	0.8	0.0
-52.5°	4.4	2.6	1.8	1.4	1.3	0.8	0.0
-55°	4.0	2.5	1.8	1.4	1.3	0.7	0.0
-57.5°	3.7	2.5	1.8	1.4	1.3	0.7	0.0
-60°	3.3	2.4	1.7	1.4	1.3	0.6	0.0
-62.5°	3.1	2.3	1.7	1.4	1.2	0.6	0.0
-65°	2.9	2.1	1.6	1.4	1.1	0.5	0.0
-67.5°	2.7	2.0	1.6	1.3	1.0	0.5	0.0
-70°	2.4	1.9	1.5	1.3	0.9	0.4	0.0
-72.5°	2.2	1.7	1.4	1.2	0.8	0.4	0.0
-75°	1.9	1.5	1.3	1.0	0.7	0.3	0.0
-77.5°	1.6	1.4	1.1	0.8	0.6	0.3	0.0
-80°	1.3	1.1	0.9	0.7	0.5	0.2	0.0
-82.5°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
-85°	0.7	0.6	0.5	0.3	0.2	0.1	0.0
-87.5°	0.3	0.3	0.2	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)