

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: P627168 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-740-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627168 (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-SA3C-740-U-NR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (48) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

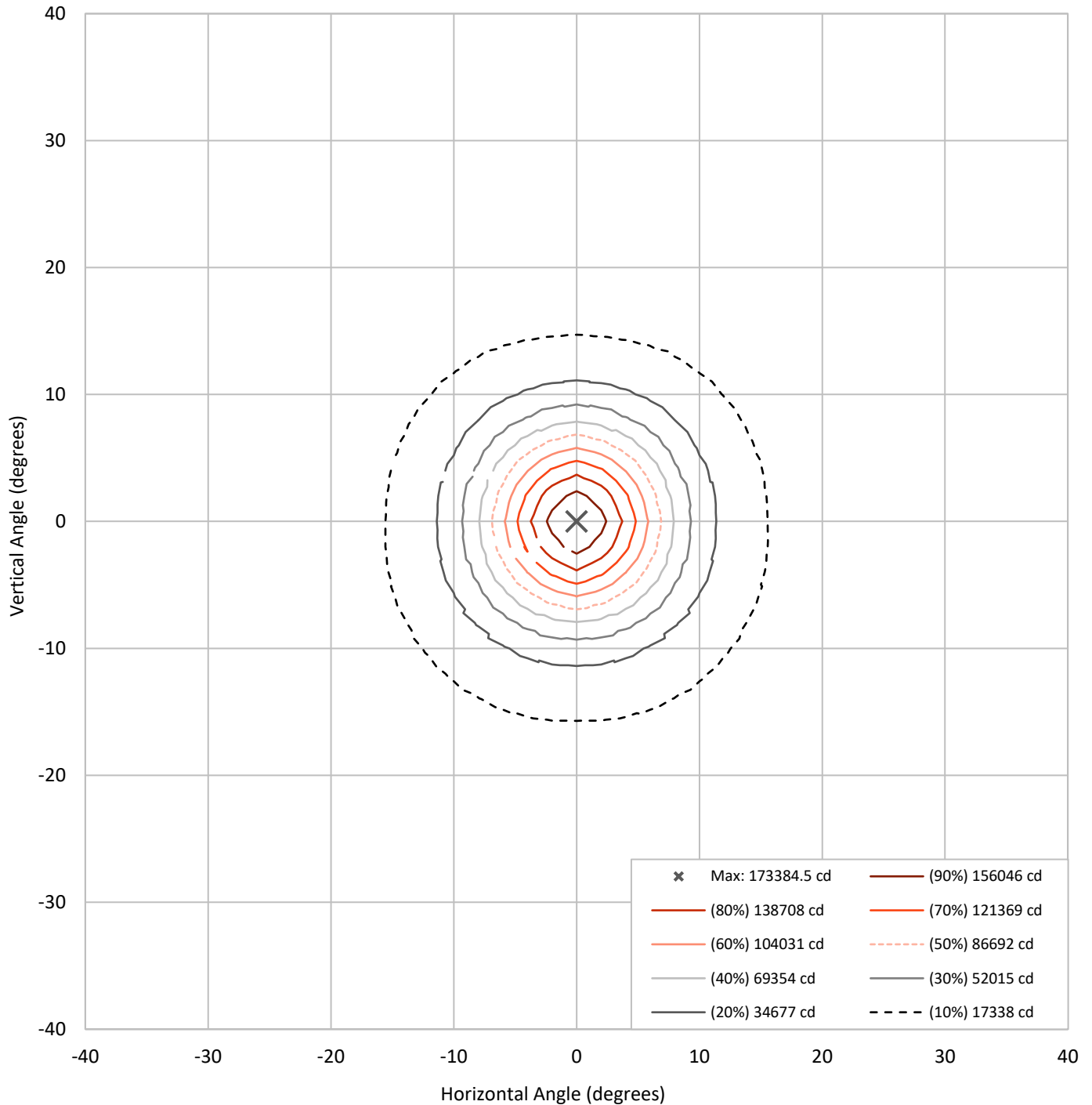
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	17104.7 lumens	Max Intensity:	173384.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	140.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	5460.6 lumens	Field Lumens:	12162.5 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	121.7		
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: P627168 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





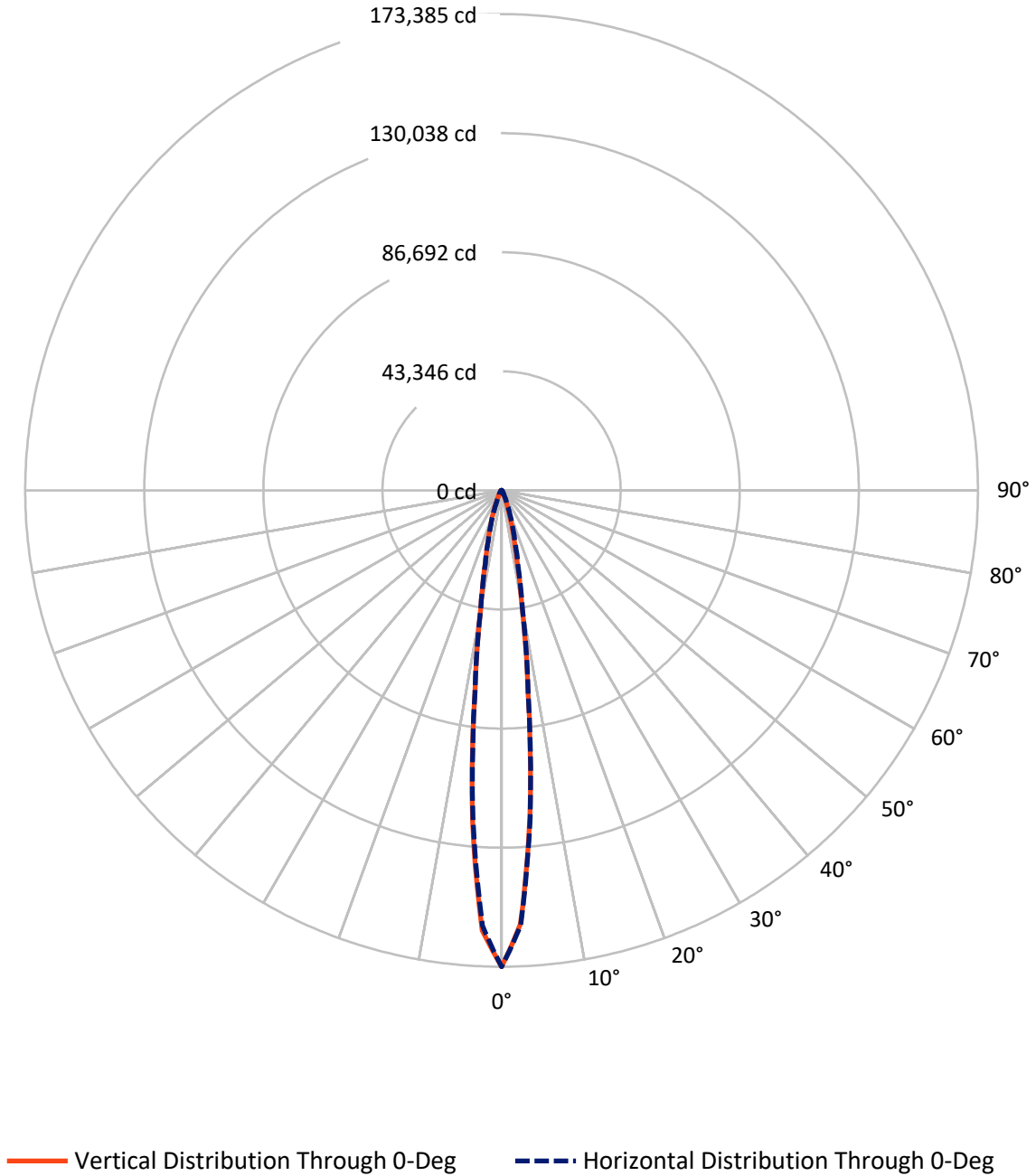
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Lumen Table

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	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1			
60		0.0	0.1	0.4	0.9	1.5	2.0	2.4	2.4	2.0	1.5	0.9	0.4	0.1	0.0				
50	0.1	0.1	0.5	1.5	2.8	4.1	5.8	6.8	6.8	5.8	4.1	2.8	1.5	0.5	0.1	0.1			
40		0.2	1.2	2.9	5.2	8.2	13.9	17.7	17.7	13.9	8.2	5.2	2.9	1.2	0.2				
30	0.2	0.5	1.9	4.4	8.0	17.4	46.5	76.9	76.9	46.5	17.4	8.0	4.4	1.9	0.5	0.2			
20		0.7	2.6	6.1	13.2	52.0	219.3	482.0	482.0	219.3	52.0	13.2	6.1	2.6	0.7				
10	0.3	0.9	3.2	7.2	18.0	97.6	525.4	2356.3	2356.3	525.4	97.6	18.0	7.2	3.2	0.9	0.3			
0		1.1	3.5	7.5	19.3	104.0	543.8	2396.3	2396.3	543.8	104.0	19.3	7.5	3.5	1.1				
-10	0.3	1.1	3.5	7.4	16.9	66.2	264.0	564.7	564.7	264.0	66.2	16.9	7.4	3.5	1.1	0.3			
-20		1.1	3.4	6.8	13.1	30.9	81.3	135.6	135.6	81.3	30.9	13.1	6.8	3.4	1.1				
-30	0.3	0.9	3.0	6.0	10.2	17.0	27.7	35.1	35.1	27.7	17.0	10.2	6.0	3.0	0.9	0.3			
-40		0.8	2.5	5.0	8.3	11.9	16.0	17.8	17.8	16.0	11.9	8.3	5.0	2.5	0.8				
-50	0.2	0.6	1.9	3.9	6.5	9.1	11.5	12.6	12.6	11.5	9.1	6.5	3.9	1.9	0.6	0.2			
-60		0.4	1.2	2.5	4.4	6.4	8.0	8.8	8.8	8.0	6.4	4.4	2.5	1.2	0.4				
-70	0.1	0.4	1.2	2.5	4.4	6.4	8.0	8.8	8.8	8.0	6.4	4.4	2.5	1.2	0.4	0.1			
-80		0.1	1.0	4.3	9.5	12.0	9.5	4.3	1.0	0.1									
-90	0.1	1.0	4.3	9.5	12.0	9.5	4.3	1.0	0.1										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

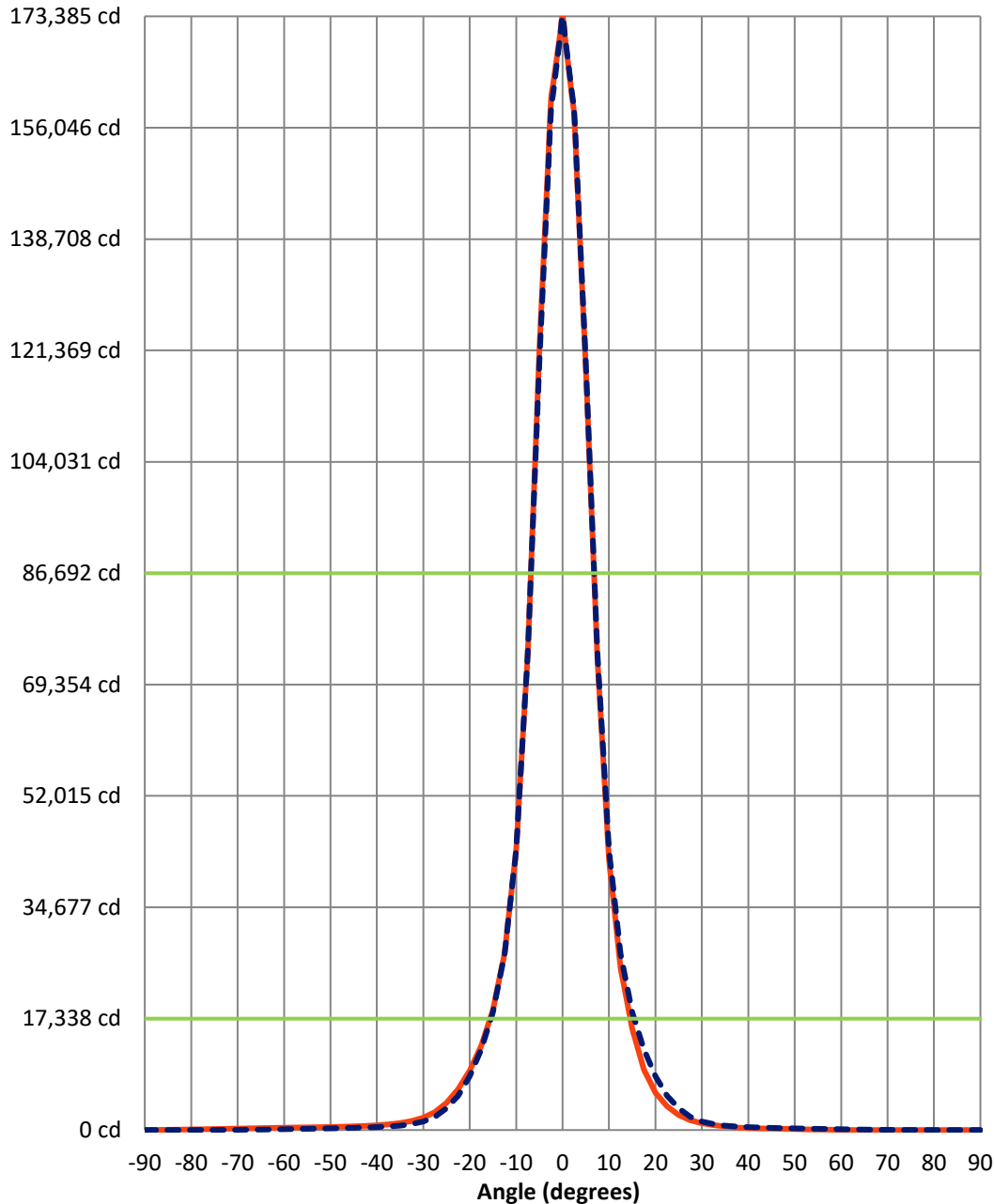
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 5460.6
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 12162.5
 Efficiency: 71.1%

Spill:
 Lumens: 4942.2
 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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.4	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.5	0.1	0.0	0.1	0.3	0.1	0.0	0.1	0.3	0.1
72.5°	0.0	0.6	0.1	0.0	0.4	0.6	0.2	0.2	0.8	0.8	0.3
70°	0.0	0.7	0.2	0.1	0.7	0.8	0.4	1.1	1.6	1.4	0.5
67.5°	0.0	0.8	0.2	0.4	1.1	1.1	1.3	2.1	2.4	1.5	0.6
65°	0.0	0.9	0.3	0.8	1.5	1.6	2.1	3.1	2.5	1.6	1.1
62.5°	0.0	1.0	0.4	1.2	1.9	2.1	2.9	3.5	2.6	1.9	2.3
60°	0.0	1.0	0.5	1.6	2.3	2.6	3.6	3.6	2.8	2.7	3.4
57.5°	0.0	1.1	0.8	2.0	2.6	3.0	3.7	3.7	3.1	3.3	3.7
55°	0.0	1.3	1.1	2.3	2.9	3.4	3.7	3.7	3.4	3.7	3.7
52.5°	0.0	1.4	1.4	2.8	3.1	3.7	3.7	3.7	3.6	3.7	3.7
50°	0.0	1.5	1.7	3.2	3.3	3.7	3.7	3.7	3.7	3.7	4.3
47.5°	0.0	1.6	1.9	3.5	3.4	3.7	3.7	3.7	3.7	3.7	5.1
45°	0.0	1.7	2.2	3.6	3.6	3.7	3.7	3.7	3.8	4.6	6.0
42.5°	0.0	1.8	2.4	3.7	3.7	3.7	3.7	3.8	4.1	5.6	8.1
40°	0.0	1.9	2.6	3.7	3.7	3.7	3.7	4.1	4.7	6.7	10.5
37.5°	0.0	2.0	2.8	3.7	3.7	3.7	3.7	4.5	6.0	8.4	12.9
35°	0.0	2.2	2.9	3.7	3.7	3.7	3.7	4.9	7.3	10.8	15.8
32.5°	0.0	2.3	3.1	3.7	3.7	3.7	3.8	5.4	8.7	13.0	19.6
30°	0.0	2.4	3.2	3.7	3.7	3.7	4.2	6.1	10.2	15.2	23.7
27.5°	0.0	2.5	3.3	3.7	3.7	3.7	4.6	7.3	11.8	17.3	28.2
25°	0.0	2.6	3.4	3.7	3.7	3.7	5.0	8.5	13.6	20.3	32.9
22.5°	0.0	2.8	3.5	3.7	3.7	3.8	5.5	9.6	15.2	24.0	38.5
20°	0.0	2.9	3.5	3.7	3.7	4.0	5.9	10.8	16.8	27.8	43.7
17.5°	0.0	3.0	3.6	3.7	3.7	4.4	6.6	12.0	18.3	31.5	48.4
15°	0.0	3.1	3.6	3.7	3.7	4.7	7.3	13.1	19.7	35.3	52.7
12.5°	0.0	3.2	3.7	3.7	3.7	5.1	8.0	14.2	21.5	38.9	56.6
10°	0.0	3.3	3.7	3.7	3.7	5.6	8.7	15.2	23.9	42.2	60.0
7.5°	0.0	3.4	3.7	3.7	3.7	6.0	9.3	16.1	26.3	45.1	62.9
5°	0.0	3.5	3.7	3.7	3.7	6.4	9.9	17.0	28.6	47.6	65.6
2.5°	0.0	3.6	3.7	3.7	3.7	6.9	10.5	17.7	30.9	49.7	67.8
0°	0.0	3.7	3.7	3.7	3.7	7.3	11.0	18.3	33.0	51.4	69.7
-2.5°	0.0	3.7	3.7	3.7	4.0	7.7	12.0	19.4	34.9	52.8	72.1
-5°	0.0	3.7	3.7	3.7	4.3	8.0	12.8	20.4	36.5	53.8	74.0
-7.5°	0.0	3.7	3.7	3.7	4.6	8.4	13.7	21.3	37.8	54.6	75.5
-10°	0.0	3.6	3.7	3.7	4.9	8.7	14.4	22.1	38.8	55.2	76.4
-12.5°	0.0	3.6	3.7	3.7	5.1	8.9	15.0	22.8	39.4	55.7	77.8
-15°	0.0	3.6	3.7	3.7	5.3	9.1	15.4	23.4	39.5	56.9	79.1
-17.5°	0.0	3.5	3.7	3.7	5.5	9.3	15.7	23.9	39.2	57.4	79.7
-20°	0.0	3.5	3.7	3.7	5.6	9.4	15.9	24.4	38.7	57.4	79.6

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Scaled Data Report



REPORT NUMBER: P627168 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-740-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	3.4	3.7	3.7	5.6	9.5	16.2	24.7	37.8	56.8	78.7
-25°	0.0	3.4	3.7	3.7	5.6	9.7	16.3	24.8	36.6	55.4	77.0
-27.5°	0.0	3.3	3.7	3.7	5.5	9.9	16.3	24.7	35.2	53.6	75.4
-30°	0.0	3.2	3.7	3.7	5.4	10.1	16.2	24.5	34.4	51.6	72.8
-32.5°	0.0	3.1	3.7	3.7	5.4	10.2	16.0	24.2	34.0	49.3	69.4
-35°	0.0	3.0	3.7	3.7	5.3	10.2	16.0	23.9	33.3	46.7	65.0
-37.5°	0.0	2.9	3.7	3.7	5.2	10.0	15.9	23.4	32.3	43.7	62.4
-40°	0.0	2.8	3.7	3.7	5.0	9.9	15.7	22.9	31.1	41.8	60.1
-42.5°	0.0	2.7	3.7	3.7	5.0	9.6	15.3	22.2	30.1	41.0	57.3
-45°	0.0	2.6	3.7	3.8	5.1	9.2	14.9	21.5	29.2	39.8	54.2
-47.5°	0.0	2.5	3.7	3.9	5.2	8.7	14.3	20.8	28.2	38.0	52.1
-50°	0.0	2.4	3.7	4.0	5.2	8.1	13.5	19.9	27.2	36.6	49.4
-52.5°	0.0	2.3	3.7	4.0	5.2	7.5	12.7	18.8	25.8	34.6	46.1
-55°	0.0	2.1	3.7	4.0	5.2	7.3	11.7	17.5	24.3	32.0	42.8
-57.5°	0.0	2.0	3.7	4.0	5.1	7.1	10.6	16.1	22.5	29.7	38.8
-60°	0.0	1.8	3.7	4.0	5.0	6.9	9.5	14.6	20.6	27.3	34.8
-62.5°	0.0	1.7	3.4	3.9	4.9	6.6	9.0	12.9	18.4	24.7	31.7
-65°	0.0	1.6	3.1	3.9	4.7	6.2	8.5	11.4	16.1	21.9	28.3
-67.5°	0.0	1.4	2.8	3.8	4.5	5.8	7.8	10.4	13.7	18.9	24.6
-70°	0.0	1.3	2.5	3.7	4.3	5.4	7.1	9.4	12.2	15.7	20.8
-72.5°	0.0	1.1	2.2	3.3	4.0	4.9	6.3	8.3	10.7	13.6	17.0
-75°	0.0	1.0	1.9	2.9	3.8	4.4	5.5	7.2	9.1	11.5	14.3
-77.5°	0.0	0.8	1.6	2.4	3.2	3.9	4.7	6.2	7.9	9.5	11.5
-80°	0.0	0.6	1.3	1.9	2.6	3.2	3.8	5.2	6.7	8.2	9.7
-82.5°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	4.1	5.5	6.9	8.2
-85°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.7	3.7	4.9	6.1
-87.5°	0.0	0.2	0.3	0.5	0.6	0.8	1.0	1.4	1.9	2.4	3.1
-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	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.2	1.1	1.2	0.8	0.0	0.0	0.0	0.2	0.0	0.0	0.0
65°	1.8	2.4	1.8	1.0	0.1	0.9	1.2	1.0	0.1	0.0	0.0
62.5°	3.4	2.9	2.0	1.5	2.1	2.8	2.2	1.3	0.3	1.8	2.5
60°	3.7	3.1	2.6	2.9	3.7	3.3	2.4	3.6	5.4	6.7	8.2
57.5°	3.7	3.4	3.4	4.0	4.2	4.2	6.5	8.6	12.2	15.1	17.1
55°	3.8	3.7	4.2	5.0	6.2	8.8	12.0	16.9	20.8	26.9	32.0
52.5°	4.2	4.2	5.6	7.5	11.1	15.1	20.9	27.8	35.6	41.5	47.7
50°	4.8	6.1	7.8	12.6	17.5	23.9	33.2	43.3	50.0	56.6	65.5
47.5°	6.5	8.3	12.9	18.4	25.5	35.7	48.6	55.9	62.4	72.8	83.9
45°	8.8	12.5	18.1	25.7	35.6	49.8	59.9	65.9	77.2	89.3	102.0
42.5°	11.2	17.2	24.9	32.9	48.4	61.9	71.1	80.6	92.0	106.1	119.8
40°	15.3	21.9	32.4	45.0	60.7	73.9	85.4	96.2	107.5	125.9	140.5
37.5°	19.3	29.0	40.8	56.5	72.8	87.2	100.1	113.7	129.8	150.5	163.7
35°	23.3	36.4	50.9	67.5	84.9	101.1	116.6	132.6	153.3	173.0	188.8
32.5°	28.8	43.9	60.2	78.2	96.1	114.5	133.3	152.3	172.8	193.0	213.6
30°	35.8	52.0	69.1	88.5	106.4	127.8	149.5	169.6	190.3	211.5	234.8
27.5°	42.8	59.5	78.1	97.6	116.4	140.8	164.2	185.2	206.4	229.2	255.8
25°	49.3	67.1	86.5	105.7	127.8	153.9	179.6	204.0	221.8	247.8	278.9
22.5°	55.5	74.5	95.3	113.0	138.9	167.2	197.1	223.3	244.5	267.7	302.9
20°	61.7	82.1	103.6	123.4	150.0	180.4	215.8	242.9	269.1	299.0	335.0
17.5°	67.6	89.3	111.8	135.3	163.3	194.9	235.1	262.6	294.0	329.8	375.1
15°	73.2	95.8	120.0	146.4	175.3	209.3	248.1	282.5	320.0	361.4	414.9
12.5°	78.4	101.9	128.1	156.7	185.9	221.8	259.1	295.6	338.8	392.9	460.3
10°	83.2	107.3	136.0	166.1	195.2	232.3	268.7	306.7	352.3	411.7	488.9
7.5°	87.1	112.8	143.4	174.6	203.1	241.0	277.1	315.9	363.6	427.3	508.1
5°	90.4	118.5	150.3	180.2	209.8	248.4	284.0	323.1	372.6	439.5	521.9
2.5°	93.2	123.8	156.4	184.2	215.5	255.2	289.6	331.2	381.8	448.9	534.8
0°	95.4	128.4	161.5	187.2	220.2	260.6	293.6	337.6	389.0	455.1	546.8
-2.5°	99.9	132.2	164.6	190.7	225.3	261.5	296.2	338.5	391.8	459.9	549.1
-5°	103.6	135.3	166.8	193.3	229.1	261.3	297.4	337.8	392.7	462.6	553.1
-7.5°	106.5	137.7	168.3	195.4	231.1	262.5	299.0	340.4	395.6	465.1	558.3
-10°	108.4	139.4	169.5	198.0	231.6	263.8	299.6	341.0	395.1	463.5	555.5
-12.5°	109.3	140.4	170.1	199.4	231.5	263.7	298.8	339.4	391.1	457.7	544.1
-15°	109.6	140.8	170.0	199.6	230.9	262.1	296.4	335.5	383.8	447.9	526.3
-17.5°	109.3	140.6	169.3	198.4	230.1	259.1	292.8	330.3	376.4	436.3	511.8
-20°	108.3	139.8	168.0	195.7	228.8	256.3	289.2	325.4	368.7	423.0	490.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627168 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-740-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°	106.8	138.5	166.2	193.1	224.8	253.7	284.4	319.0	357.8	406.9	466.9
-25°	105.0	135.9	163.9	191.0	220.1	249.7	278.4	311.3	346.9	394.1	448.1
-27.5°	102.7	132.8	160.7	188.1	215.2	244.4	272.4	303.4	338.7	380.3	428.6
-30°	99.3	128.3	156.2	184.2	210.9	238.3	265.4	295.0	328.2	367.4	412.0
-32.5°	95.0	123.3	150.6	178.3	206.1	232.2	257.7	286.1	317.4	351.8	394.1
-35°	90.7	117.9	144.6	170.9	200.3	225.4	250.0	276.1	305.1	337.1	371.6
-37.5°	86.6	112.2	138.1	163.0	190.8	217.0	240.9	265.7	292.5	321.9	353.2
-40°	82.2	106.0	131.4	155.6	180.0	206.7	230.5	254.5	279.3	308.7	336.6
-42.5°	77.7	100.8	124.3	148.0	171.3	195.2	219.0	241.9	268.1	296.0	323.3
-45°	73.9	95.3	117.1	140.2	163.1	184.8	207.0	228.5	255.1	282.9	309.7
-47.5°	69.4	89.8	110.9	131.8	154.3	175.9	195.9	217.6	240.2	266.5	294.6
-50°	64.8	84.1	103.6	123.3	144.6	166.2	186.5	206.5	227.9	249.5	273.7
-52.5°	60.9	77.7	95.8	113.9	134.0	155.2	175.7	195.8	215.4	235.7	256.3
-55°	56.2	71.7	87.6	104.6	122.2	142.4	162.8	182.4	202.5	221.4	241.6
-57.5°	51.1	64.9	79.5	95.4	111.4	128.0	147.8	167.2	186.1	205.3	226.2
-60°	45.3	57.6	70.8	85.5	101.2	116.4	132.3	150.3	168.5	186.7	206.0
-62.5°	39.3	50.0	61.8	74.6	89.0	104.0	118.6	133.9	150.3	166.1	182.8
-65°	35.2	42.8	52.8	64.1	76.0	89.3	103.2	117.3	131.7	145.1	158.0
-67.5°	31.0	37.8	45.1	53.5	64.2	75.5	86.6	99.2	112.2	124.5	136.5
-70°	26.4	32.5	39.0	45.9	53.5	62.8	73.1	83.3	93.2	103.6	114.7
-72.5°	21.6	26.9	32.6	38.6	45.1	52.4	60.4	69.0	77.9	86.4	95.1
-75°	17.7	21.2	25.9	31.0	36.6	42.3	48.1	54.9	62.4	69.9	77.3
-77.5°	14.6	17.8	21.0	24.1	28.1	33.4	38.5	43.6	48.8	54.5	60.6
-80°	11.8	14.3	17.2	20.1	22.9	26.0	29.6	33.6	37.3	41.1	45.2
-82.5°	9.9	11.8	13.8	16.1	17.7	19.4	21.3	23.6	26.1	28.6	31.2
-85°	7.6	9.1	10.5	12.0	12.8	13.6	14.5	15.5	17.1	18.7	20.2
-87.5°	3.8	4.6	5.4	6.3	6.7	7.1	7.4	7.8	8.8	9.8	10.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627168 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-740-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°	0.2	0.0	0.0	0.0	0.0	0.7	0.9	0.8	0.3	0.0	0.0
62.5°	2.1	1.8	2.8	3.8	4.2	4.1	3.7	3.3	2.9	2.7	3.0
60°	8.8	8.6	12.0	13.7	12.4	8.7	13.8	16.3	15.7	13.4	13.3
57.5°	21.5	26.2	29.6	31.0	35.9	43.7	45.2	42.6	41.7	42.5	49.1
55°	37.4	41.1	43.0	49.7	55.6	59.9	62.4	64.9	68.7	73.3	78.0
52.5°	52.8	57.9	61.9	67.9	74.9	77.4	76.7	85.8	92.9	97.4	99.2
50°	72.5	78.9	88.1	97.4	101.4	105.4	109.6	117.0	127.9	141.4	149.1
47.5°	93.7	103.8	113.4	124.1	129.5	133.7	139.9	152.9	168.4	182.9	190.5
45°	112.8	121.8	132.8	142.0	148.7	156.8	165.8	177.6	194.9	210.1	220.5
42.5°	128.2	138.3	149.6	160.8	167.5	178.5	192.2	208.2	226.3	242.1	253.8
40°	149.7	158.3	176.3	186.9	189.6	199.8	227.2	249.0	269.5	289.0	298.7
37.5°	175.8	192.5	211.2	220.8	230.2	248.2	285.0	320.2	346.3	372.7	387.1
35°	205.3	227.3	252.7	264.1	284.3	323.7	366.8	415.8	476.8	502.4	525.7
32.5°	234.1	258.7	282.1	307.5	343.0	390.0	438.6	518.1	592.3	649.8	691.8
30°	259.5	285.6	314.7	347.5	397.5	462.2	543.4	646.2	750.9	842.2	919.4
27.5°	284.7	314.4	349.0	397.9	468.2	556.1	685.7	832.4	1007.1	1135.8	1289.5
25°	312.3	346.3	390.6	461.5	556.5	687.9	895.1	1133.3	1419.7	1652.0	1895.0
22.5°	344.9	395.1	451.3	530.4	696.2	912.7	1195.8	1603.0	2043.6	2451.0	2843.2
20°	384.4	452.9	543.2	688.8	901.6	1221.7	1713.7	2363.6	3011.5	3701.5	4365.8
17.5°	440.7	539.5	679.8	887.0	1167.4	1800.7	2598.9	3604.2	4895.5	6065.8	7087.6
15°	493.6	611.6	833.1	1142.9	1632.0	2471.2	3683.7	5342.8	7355.4	9189.6	11126.9
12.5°	549.0	688.4	942.8	1337.2	2016.8	3109.4	4813.3	7086.6	9606.7	12371.1	15519.8
10°	593.0	762.1	1066.8	1566.8	2404.6	3765.2	5794.8	8551.7	11900.6	15991.7	21025.2
7.5°	622.6	821.2	1169.2	1734.9	2761.6	4435.8	6879.0	10192.8	14379.5	19799.3	26842.6
5°	645.8	866.3	1246.2	1888.2	3063.6	4947.7	7682.4	11629.9	16582.5	23844.2	35780.5
2.5°	664.4	900.9	1293.8	1993.8	3253.2	5304.3	8221.4	12442.9	17893.9	26834.6	42320.3
0°	678.9	932.2	1324.9	2058.9	3398.4	5339.8	8389.6	12591.7	18364.6	27374.4	43727.8
-2.5°	685.1	948.9	1335.5	2073.2	3383.9	5401.1	8440.9	12710.5	18346.9	27078.6	42155.9
-5°	695.4	948.6	1327.5	2058.6	3308.0	5242.8	8105.7	12045.5	17240.0	24749.7	37102.2
-7.5°	702.8	933.5	1289.1	1965.3	3109.4	4900.7	7516.7	10943.6	15225.5	20927.5	28577.8
-10°	696.1	904.4	1225.0	1808.8	2800.7	4352.1	6621.0	9489.0	13047.7	17273.3	22471.1
-12.5°	669.9	850.8	1120.4	1589.6	2400.8	3737.4	5719.8	8161.7	10795.7	13763.3	17355.0
-15°	636.8	793.1	1026.2	1439.3	2104.3	3128.1	4575.4	6556.4	8669.4	10922.6	13325.3
-17.5°	611.0	742.3	935.4	1234.4	1723.6	2537.6	3675.0	5082.2	6635.0	8350.5	9774.3
-20°	576.0	679.9	841.9	1086.2	1459.4	1998.7	2827.1	3849.4	4874.0	6080.2	7063.8

Classified

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627168 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-740-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°	541.1	631.5	754.8	933.6	1211.2	1618.7	2130.5	2813.2	3562.4	4254.8	4936.2
-25°	508.6	578.3	678.0	824.7	1013.0	1291.1	1655.4	2046.9	2540.8	2962.3	3430.0
-27.5°	482.4	542.2	615.8	723.3	869.4	1048.3	1309.2	1571.6	1831.3	2043.9	2366.0
-30°	457.0	505.1	566.7	643.4	752.9	890.8	1060.1	1230.3	1380.2	1516.9	1684.6
-32.5°	432.1	471.3	518.5	582.1	660.7	764.3	868.4	990.4	1094.6	1190.7	1279.7
-35°	407.1	442.0	477.9	531.6	594.3	667.9	743.5	826.2	898.4	963.1	1020.4
-37.5°	384.6	415.2	449.0	488.9	539.5	594.9	656.7	716.7	764.4	806.4	841.1
-40°	365.5	393.4	422.3	454.3	492.8	536.5	589.0	639.0	672.4	698.1	719.1
-42.5°	348.6	373.1	397.7	424.9	454.4	492.2	533.7	575.0	597.6	617.5	632.7
-45°	334.9	353.7	374.5	397.7	423.8	455.5	488.1	516.7	536.8	553.8	566.5
-47.5°	316.9	335.0	353.0	372.1	396.5	422.9	449.8	471.8	489.3	504.2	513.9
-50°	297.0	316.1	332.6	349.3	371.8	394.2	415.8	434.0	450.7	465.3	473.0
-52.5°	276.4	296.9	314.2	330.7	349.4	369.0	388.5	404.0	418.7	432.5	438.3
-55°	261.6	280.5	298.3	313.8	329.3	345.0	360.9	377.0	391.5	404.6	408.5
-57.5°	245.7	264.9	282.5	296.4	310.4	324.5	339.1	353.6	367.6	380.1	383.3
-60°	226.1	247.0	262.6	275.7	289.3	303.3	316.0	328.9	342.0	352.9	356.4
-62.5°	201.3	220.3	235.8	249.6	262.7	274.9	287.2	299.3	311.1	319.7	322.5
-65°	171.6	187.8	203.7	218.1	231.1	242.8	254.2	265.3	275.9	283.5	287.3
-67.5°	148.2	159.8	172.6	185.0	198.1	210.1	220.4	230.1	239.2	245.6	249.7
-70°	125.6	136.6	148.6	160.4	171.8	181.6	189.8	197.8	205.6	211.3	215.6
-72.5°	104.0	113.3	123.3	133.8	144.1	153.0	160.5	167.6	174.4	179.3	183.2
-75°	84.4	92.2	100.6	109.0	117.4	124.4	130.7	136.9	142.9	147.2	150.8
-77.5°	67.0	73.5	80.1	86.7	93.3	98.4	103.0	107.6	112.0	115.4	118.5
-80°	49.6	54.7	60.0	65.3	70.5	74.4	77.9	81.3	84.4	86.4	88.2
-82.5°	33.9	37.5	41.2	44.9	48.6	51.5	54.3	57.0	59.7	60.6	61.3
-85°	21.7	23.5	25.4	27.4	29.5	31.1	32.6	34.0	35.4	36.7	37.9
-87.5°	12.0	12.4	12.7	13.0	13.3	14.4	15.5	16.6	17.7	17.9	18.0
-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: P627168 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-740-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	0.3	0.8
62.5°	3.3	3.5	3.7	3.7	3.7	3.5	3.3	3.0	2.7	2.9	3.3
60°	12.5	11.2	10.9	11.0	10.9	11.2	12.5	13.3	13.4	15.7	16.3
57.5°	55.8	62.1	63.8	62.4	63.8	62.1	55.8	49.1	42.5	41.7	42.6
55°	81.3	83.2	84.1	84.4	84.1	83.2	81.3	78.0	73.3	68.7	64.9
52.5°	99.6	99.0	98.9	99.1	98.9	99.0	99.6	99.2	97.4	92.9	85.8
50°	149.8	147.0	145.9	146.8	145.9	147.0	149.8	149.1	141.4	127.9	117.0
47.5°	191.4	192.2	193.5	194.5	193.5	192.2	191.4	190.5	182.9	168.4	152.9
45°	223.5	225.5	226.8	227.5	226.8	225.5	223.5	220.5	210.1	194.9	177.6
42.5°	256.3	256.6	256.2	256.9	256.2	256.6	256.3	253.8	242.1	226.3	208.2
40°	302.6	303.6	302.6	300.9	302.6	303.6	302.6	298.7	289.0	269.5	249.0
37.5°	395.5	396.9	392.5	389.0	392.5	396.9	395.5	387.1	372.7	346.3	320.2
35°	547.0	562.6	570.1	572.5	570.1	562.6	547.0	525.7	502.4	476.8	415.8
32.5°	720.8	742.7	753.7	763.4	753.7	742.7	720.8	691.8	649.8	592.3	518.1
30°	970.1	1010.4	1028.1	1053.3	1028.1	1010.4	970.1	919.4	842.2	750.9	646.2
27.5°	1376.7	1447.5	1486.7	1523.0	1486.7	1447.5	1376.7	1289.5	1135.8	1007.1	832.4
25°	2071.6	2207.9	2296.1	2337.8	2296.1	2207.9	2071.6	1895.0	1652.0	1419.7	1133.3
22.5°	3222.7	3474.0	3667.8	3706.7	3667.8	3474.0	3222.7	2843.2	2451.0	2043.6	1603.0
20°	5010.2	5369.8	5662.3	5809.6	5662.3	5369.8	5010.2	4365.8	3701.5	3011.5	2363.6
17.5°	8304.6	9052.5	9394.1	9450.2	9394.1	9052.5	8304.6	7087.6	6065.8	4895.5	3604.2
15°	13205.6	14471.2	15274.6	15791.9	15274.6	14471.2	13205.6	11126.9	9189.6	7355.4	5342.8
12.5°	18797.5	22393.7	24439.9	25220.1	24439.9	22393.7	18797.5	15519.8	12371.1	9606.7	7086.6
10°	26387.1	34852.9	39736.4	42193.7	39736.4	34852.9	26387.1	21025.2	15991.7	11900.6	8551.7
7.5°	39268.3	52343.9	66831.1	73533.6	66831.1	52343.9	39268.3	26842.6	19799.3	14379.5	10192.8
5°	52809.5	81518.3	106716.1	118782.5	106716.1	81518.3	52809.5	35780.5	23844.2	16582.5	11629.9
2.5°	68373.1	107089.5	142886.0	157937.6	142886.0	107089.5	68373.1	42320.3	26834.6	17893.9	12442.9
0°	74363.0	119461.5	158611.0	173384.5	158611.0	119461.5	74363.0	43727.8	27374.4	18364.6	12591.7
-2.5°	69299.1	108965.2	143501.0	160381.7	143501.0	108965.2	69299.1	42155.9	27078.6	18346.9	12710.5
-5°	55061.7	81967.5	107544.6	121300.1	107544.6	81967.5	55061.7	37102.2	24749.7	17240.0	12045.5
-7.5°	40411.9	55059.1	69263.7	74230.9	69263.7	55059.1	40411.9	28577.8	20927.5	15225.5	10943.6
-10°	28135.5	36523.1	42059.7	43639.7	42059.7	36523.1	28135.5	22471.1	17273.3	13047.7	9489.0
-12.5°	20859.7	24528.4	27081.0	27524.8	27081.0	24528.4	20859.7	17355.0	13763.3	10795.7	8161.7
-15°	15446.1	17311.7	18628.3	18716.9	18628.3	17311.7	15446.1	13325.3	10922.6	8669.4	6556.4
-17.5°	11291.2	12543.5	13207.9	13160.5	13207.9	12543.5	11291.2	9774.3	8350.5	6635.0	5082.2
-20°	8073.8	8828.7	9364.1	9259.4	9364.1	8828.7	8073.8	7063.8	6080.2	4874.0	3849.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627168 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-740-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°	5629.7	6130.8	6444.5	6363.7	6444.5	6130.8	5629.7	4936.2	4254.8	3562.4	2813.2
-25°	3825.3	4098.3	4253.7	4227.8	4253.7	4098.3	3825.3	3430.0	2962.3	2540.8	2046.9
-27.5°	2606.7	2750.9	2799.1	2796.5	2799.1	2750.9	2606.7	2366.0	2043.9	1831.3	1571.6
-30°	1809.3	1906.2	1961.6	1926.7	1961.6	1906.2	1809.3	1684.6	1516.9	1380.2	1230.3
-32.5°	1348.5	1403.1	1434.7	1401.9	1434.7	1403.1	1348.5	1279.7	1190.7	1094.6	990.4
-35°	1062.7	1090.4	1101.5	1082.6	1101.5	1090.4	1062.7	1020.4	963.1	898.4	826.2
-37.5°	866.4	882.6	888.1	877.1	888.1	882.6	866.4	841.1	806.4	764.4	716.7
-40°	734.2	744.1	746.5	737.7	746.5	744.1	734.2	719.1	698.1	672.4	639.0
-42.5°	642.4	648.3	649.7	645.9	649.7	648.3	642.4	632.7	617.5	597.6	575.0
-45°	574.1	579.2	580.1	576.2	580.1	579.2	574.1	566.5	553.8	536.8	516.7
-47.5°	518.8	521.9	522.7	521.1	522.7	521.9	518.8	513.9	504.2	489.3	471.8
-50°	476.5	478.7	478.9	477.1	478.9	478.7	476.5	473.0	465.3	450.7	434.0
-52.5°	441.0	442.6	443.6	444.1	443.6	442.6	441.0	438.3	432.5	418.7	404.0
-55°	411.2	413.1	414.3	414.7	414.3	413.1	411.2	408.5	404.6	391.5	377.0
-57.5°	385.8	387.6	388.6	389.0	388.6	387.6	385.8	383.3	380.1	367.6	353.6
-60°	359.3	361.5	362.8	363.3	362.8	361.5	359.3	356.4	352.9	342.0	328.9
-62.5°	324.4	325.3	326.2	326.6	326.2	325.3	324.4	322.5	319.7	311.1	299.3
-65°	290.1	292.1	293.2	293.6	293.2	292.1	290.1	287.3	283.5	275.9	265.3
-67.5°	253.0	255.6	258.3	260.6	258.3	255.6	253.0	249.7	245.6	239.2	230.1
-70°	219.3	222.6	223.7	223.9	223.7	222.6	219.3	215.6	211.3	205.6	197.8
-72.5°	186.7	189.7	192.3	194.5	192.3	189.7	186.7	183.2	179.3	174.4	167.6
-75°	154.0	156.9	157.6	157.8	157.6	156.9	154.0	150.8	147.2	142.9	136.9
-77.5°	121.4	124.1	124.6	124.8	124.6	124.1	121.4	118.5	115.4	112.0	107.6
-80°	89.8	91.2	93.4	95.4	93.4	91.2	89.8	88.2	86.4	84.4	81.3
-82.5°	61.8	62.1	62.3	62.4	62.3	62.1	61.8	61.3	60.6	59.7	57.0
-85°	39.1	40.2	40.4	40.4	40.4	40.2	39.1	37.9	36.7	35.4	34.0
-87.5°	18.1	18.2	18.3	18.3	18.3	18.2	18.1	18.0	17.9	17.7	16.6
-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: P627168 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-740-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	0.2
65°	0.9	0.7	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1	1.0
62.5°	3.7	4.1	4.2	3.8	2.8	1.8	2.1	2.5	1.8	0.3	1.3
60°	13.8	8.7	12.4	13.7	12.0	8.6	8.8	8.2	6.7	5.4	3.6
57.5°	45.2	43.7	35.9	31.0	29.6	26.2	21.5	17.1	15.1	12.2	8.6
55°	62.4	59.9	55.6	49.7	43.0	41.1	37.4	32.0	26.9	20.8	16.9
52.5°	76.7	77.4	74.9	67.9	61.9	57.9	52.8	47.7	41.5	35.6	27.8
50°	109.6	105.4	101.4	97.4	88.1	78.9	72.5	65.5	56.6	50.0	43.3
47.5°	139.9	133.7	129.5	124.1	113.4	103.8	93.7	83.9	72.8	62.4	55.9
45°	165.8	156.8	148.7	142.0	132.8	121.8	112.8	102.0	89.3	77.2	65.9
42.5°	192.2	178.5	167.5	160.8	149.6	138.3	128.2	119.8	106.1	92.0	80.6
40°	227.2	199.8	189.6	186.9	176.3	158.3	149.7	140.5	125.9	107.5	96.2
37.5°	285.0	248.2	230.2	220.8	211.2	192.5	175.8	163.7	150.5	129.8	113.7
35°	366.8	323.7	284.3	264.1	252.7	227.3	205.3	188.8	173.0	153.3	132.6
32.5°	438.6	390.0	343.0	307.5	282.1	258.7	234.1	213.6	193.0	172.8	152.3
30°	543.4	462.2	397.5	347.5	314.7	285.6	259.5	234.8	211.5	190.3	169.6
27.5°	685.7	556.1	468.2	397.9	349.0	314.4	284.7	255.8	229.2	206.4	185.2
25°	895.1	687.9	556.5	461.5	390.6	346.3	312.3	278.9	247.8	221.8	204.0
22.5°	1195.8	912.7	696.2	530.4	451.3	395.1	344.9	302.9	267.7	244.5	223.3
20°	1713.7	1221.7	901.6	688.8	543.2	452.9	384.4	335.0	299.0	269.1	242.9
17.5°	2598.9	1800.7	1167.4	887.0	679.8	539.5	440.7	375.1	329.8	294.0	262.6
15°	3683.7	2471.2	1632.0	1142.9	833.1	611.6	493.6	414.9	361.4	320.0	282.5
12.5°	4813.3	3109.4	2016.8	1337.2	942.8	688.4	549.0	460.3	392.9	338.8	295.6
10°	5794.8	3765.2	2404.6	1566.8	1066.8	762.1	593.0	488.9	411.7	352.3	306.7
7.5°	6879.0	4435.8	2761.6	1734.9	1169.2	821.2	622.6	508.1	427.3	363.6	315.9
5°	7682.4	4947.7	3063.6	1888.2	1246.2	866.3	645.8	521.9	439.5	372.6	323.1
2.5°	8221.4	5304.3	3253.2	1993.8	1293.8	900.9	664.4	534.8	448.9	381.8	331.2
0°	8389.6	5339.8	3398.4	2058.9	1324.9	932.2	678.9	546.8	455.1	389.0	337.6
-2.5°	8440.9	5401.1	3383.9	2073.2	1335.5	948.9	685.1	549.1	459.9	391.8	338.5
-5°	8105.7	5242.8	3308.0	2058.6	1327.5	948.6	695.4	553.1	462.6	392.7	337.8
-7.5°	7516.7	4900.7	3109.4	1965.3	1289.1	933.5	702.8	558.3	465.1	395.6	340.4
-10°	6621.0	4352.1	2800.7	1808.8	1225.0	904.4	696.1	555.5	463.5	395.1	341.0
-12.5°	5719.8	3737.4	2400.8	1589.6	1120.4	850.8	669.9	544.1	457.7	391.1	339.4
-15°	4575.4	3128.1	2104.3	1439.3	1026.2	793.1	636.8	526.3	447.9	383.8	335.5
-17.5°	3675.0	2537.6	1723.6	1234.4	935.4	742.3	611.0	511.8	436.3	376.4	330.3
-20°	2827.1	1998.7	1459.4	1086.2	841.9	679.9	576.0	490.6	423.0	368.7	325.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627168 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-740-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°	2130.5	1618.7	1211.2	933.6	754.8	631.5	541.1	466.9	406.9	357.8	319.0
-25°	1655.4	1291.1	1013.0	824.7	678.0	578.3	508.6	448.1	394.1	346.9	311.3
-27.5°	1309.2	1048.3	869.4	723.3	615.8	542.2	482.4	428.6	380.3	338.7	303.4
-30°	1060.1	890.8	752.9	643.4	566.7	505.1	457.0	412.0	367.4	328.2	295.0
-32.5°	868.4	764.3	660.7	582.1	518.5	471.3	432.1	394.1	351.8	317.4	286.1
-35°	743.5	667.9	594.3	531.6	477.9	442.0	407.1	371.6	337.1	305.1	276.1
-37.5°	656.7	594.9	539.5	488.9	449.0	415.2	384.6	353.2	321.9	292.5	265.7
-40°	589.0	536.5	492.8	454.3	422.3	393.4	365.5	336.6	308.7	279.3	254.5
-42.5°	533.7	492.2	454.4	424.9	397.7	373.1	348.6	323.3	296.0	268.1	241.9
-45°	488.1	455.5	423.8	397.7	374.5	353.7	334.9	309.7	282.9	255.1	228.5
-47.5°	449.8	422.9	396.5	372.1	353.0	335.0	316.9	294.6	266.5	240.2	217.6
-50°	415.8	394.2	371.8	349.3	332.6	316.1	297.0	273.7	249.5	227.9	206.5
-52.5°	388.5	369.0	349.4	330.7	314.2	296.9	276.4	256.3	235.7	215.4	195.8
-55°	360.9	345.0	329.3	313.8	298.3	280.5	261.6	241.6	221.4	202.5	182.4
-57.5°	339.1	324.5	310.4	296.4	282.5	264.9	245.7	226.2	205.3	186.1	167.2
-60°	316.0	303.3	289.3	275.7	262.6	247.0	226.1	206.0	186.7	168.5	150.3
-62.5°	287.2	274.9	262.7	249.6	235.8	220.3	201.3	182.8	166.1	150.3	133.9
-65°	254.2	242.8	231.1	218.1	203.7	187.8	171.6	158.0	145.1	131.7	117.3
-67.5°	220.4	210.1	198.1	185.0	172.6	159.8	148.2	136.5	124.5	112.2	99.2
-70°	189.8	181.6	171.8	160.4	148.6	136.6	125.6	114.7	103.6	93.2	83.3
-72.5°	160.5	153.0	144.1	133.8	123.3	113.3	104.0	95.1	86.4	77.9	69.0
-75°	130.7	124.4	117.4	109.0	100.6	92.2	84.4	77.3	69.9	62.4	54.9
-77.5°	103.0	98.4	93.3	86.7	80.1	73.5	67.0	60.6	54.5	48.8	43.6
-80°	77.9	74.4	70.5	65.3	60.0	54.7	49.6	45.2	41.1	37.3	33.6
-82.5°	54.3	51.5	48.6	44.9	41.2	37.5	33.9	31.2	28.6	26.1	23.6
-85°	32.6	31.1	29.5	27.4	25.4	23.5	21.7	20.2	18.7	17.1	15.5
-87.5°	15.5	14.4	13.3	13.0	12.7	12.4	12.0	10.9	9.8	8.8	7.8
-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: P627168 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-740-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	0.3	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.8	0.8	0.2
70°	0.0	0.0	0.0	0.3	0.4	0.0	0.0	0.5	1.4	1.6	1.1
67.5°	0.0	0.0	0.0	0.8	1.2	1.1	0.2	0.6	1.5	2.4	2.1
65°	1.2	0.9	0.1	1.0	1.8	2.4	1.8	1.1	1.6	2.5	3.1
62.5°	2.2	2.8	2.1	1.5	2.0	2.9	3.4	2.3	1.9	2.6	3.5
60°	2.4	3.3	3.7	2.9	2.6	3.1	3.7	3.4	2.7	2.8	3.6
57.5°	6.5	4.2	4.2	4.0	3.4	3.4	3.7	3.7	3.3	3.1	3.7
55°	12.0	8.8	6.2	5.0	4.2	3.7	3.8	3.7	3.7	3.4	3.7
52.5°	20.9	15.1	11.1	7.5	5.6	4.2	4.2	3.7	3.7	3.6	3.7
50°	33.2	23.9	17.5	12.6	7.8	6.1	4.8	4.3	3.7	3.7	3.7
47.5°	48.6	35.7	25.5	18.4	12.9	8.3	6.5	5.1	3.7	3.7	3.7
45°	59.9	49.8	35.6	25.7	18.1	12.5	8.8	6.0	4.6	3.8	3.7
42.5°	71.1	61.9	48.4	32.9	24.9	17.2	11.2	8.1	5.6	4.1	3.8
40°	85.4	73.9	60.7	45.0	32.4	21.9	15.3	10.5	6.7	4.7	4.1
37.5°	100.1	87.2	72.8	56.5	40.8	29.0	19.3	12.9	8.4	6.0	4.5
35°	116.6	101.1	84.9	67.5	50.9	36.4	23.3	15.8	10.8	7.3	4.9
32.5°	133.3	114.5	96.1	78.2	60.2	43.9	28.8	19.6	13.0	8.7	5.4
30°	149.5	127.8	106.4	88.5	69.1	52.0	35.8	23.7	15.2	10.2	6.1
27.5°	164.2	140.8	116.4	97.6	78.1	59.5	42.8	28.2	17.3	11.8	7.3
25°	179.6	153.9	127.8	105.7	86.5	67.1	49.3	32.9	20.3	13.6	8.5
22.5°	197.1	167.2	138.9	113.0	95.3	74.5	55.5	38.5	24.0	15.2	9.6
20°	215.8	180.4	150.0	123.4	103.6	82.1	61.7	43.7	27.8	16.8	10.8
17.5°	235.1	194.9	163.3	135.3	111.8	89.3	67.6	48.4	31.5	18.3	12.0
15°	248.1	209.3	175.3	146.4	120.0	95.8	73.2	52.7	35.3	19.7	13.1
12.5°	259.1	221.8	185.9	156.7	128.1	101.9	78.4	56.6	38.9	21.5	14.2
10°	268.7	232.3	195.2	166.1	136.0	107.3	83.2	60.0	42.2	23.9	15.2
7.5°	277.1	241.0	203.1	174.6	143.4	112.8	87.1	62.9	45.1	26.3	16.1
5°	284.0	248.4	209.8	180.2	150.3	118.5	90.4	65.6	47.6	28.6	17.0
2.5°	289.6	255.2	215.5	184.2	156.4	123.8	93.2	67.8	49.7	30.9	17.7
0°	293.6	260.6	220.2	187.2	161.5	128.4	95.4	69.7	51.4	33.0	18.3
-2.5°	296.2	261.5	225.3	190.7	164.6	132.2	99.9	72.1	52.8	34.9	19.4
-5°	297.4	261.3	229.1	193.3	166.8	135.3	103.6	74.0	53.8	36.5	20.4
-7.5°	299.0	262.5	231.1	195.4	168.3	137.7	106.5	75.5	54.6	37.8	21.3
-10°	299.6	263.8	231.6	198.0	169.5	139.4	108.4	76.4	55.2	38.8	22.1
-12.5°	298.8	263.7	231.5	199.4	170.1	140.4	109.3	77.8	55.7	39.4	22.8
-15°	296.4	262.1	230.9	199.6	170.0	140.8	109.6	79.1	56.9	39.5	23.4
-17.5°	292.8	259.1	230.1	198.4	169.3	140.6	109.3	79.7	57.4	39.2	23.9
-20°	289.2	256.3	228.8	195.7	168.0	139.8	108.3	79.6	57.4	38.7	24.4

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627168 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-740-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°	284.4	253.7	224.8	193.1	166.2	138.5	106.8	78.7	56.8	37.8	24.7
-25°	278.4	249.7	220.1	191.0	163.9	135.9	105.0	77.0	55.4	36.6	24.8
-27.5°	272.4	244.4	215.2	188.1	160.7	132.8	102.7	75.4	53.6	35.2	24.7
-30°	265.4	238.3	210.9	184.2	156.2	128.3	99.3	72.8	51.6	34.4	24.5
-32.5°	257.7	232.2	206.1	178.3	150.6	123.3	95.0	69.4	49.3	34.0	24.2
-35°	250.0	225.4	200.3	170.9	144.6	117.9	90.7	65.0	46.7	33.3	23.9
-37.5°	240.9	217.0	190.8	163.0	138.1	112.2	86.6	62.4	43.7	32.3	23.4
-40°	230.5	206.7	180.0	155.6	131.4	106.0	82.2	60.1	41.8	31.1	22.9
-42.5°	219.0	195.2	171.3	148.0	124.3	100.8	77.7	57.3	41.0	30.1	22.2
-45°	207.0	184.8	163.1	140.2	117.1	95.3	73.9	54.2	39.8	29.2	21.5
-47.5°	195.9	175.9	154.3	131.8	110.9	89.8	69.4	52.1	38.0	28.2	20.8
-50°	186.5	166.2	144.6	123.3	103.6	84.1	64.8	49.4	36.6	27.2	19.9
-52.5°	175.7	155.2	134.0	113.9	95.8	77.7	60.9	46.1	34.6	25.8	18.8
-55°	162.8	142.4	122.2	104.6	87.6	71.7	56.2	42.8	32.0	24.3	17.5
-57.5°	147.8	128.0	111.4	95.4	79.5	64.9	51.1	38.8	29.7	22.5	16.1
-60°	132.3	116.4	101.2	85.5	70.8	57.6	45.3	34.8	27.3	20.6	14.6
-62.5°	118.6	104.0	89.0	74.6	61.8	50.0	39.3	31.7	24.7	18.4	12.9
-65°	103.2	89.3	76.0	64.1	52.8	42.8	35.2	28.3	21.9	16.1	11.4
-67.5°	86.6	75.5	64.2	53.5	45.1	37.8	31.0	24.6	18.9	13.7	10.4
-70°	73.1	62.8	53.5	45.9	39.0	32.5	26.4	20.8	15.7	12.2	9.4
-72.5°	60.4	52.4	45.1	38.6	32.6	26.9	21.6	17.0	13.6	10.7	8.3
-75°	48.1	42.3	36.6	31.0	25.9	21.2	17.7	14.3	11.5	9.1	7.2
-77.5°	38.5	33.4	28.1	24.1	21.0	17.8	14.6	11.5	9.5	7.9	6.2
-80°	29.6	26.0	22.9	20.1	17.2	14.3	11.8	9.7	8.2	6.7	5.2
-82.5°	21.3	19.4	17.7	16.1	13.8	11.8	9.9	8.2	6.9	5.5	4.1
-85°	14.5	13.6	12.8	12.0	10.5	9.1	7.6	6.1	4.9	3.7	2.7
-87.5°	7.4	7.1	6.7	6.3	5.4	4.6	3.8	3.1	2.4	1.9	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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CATALOG NUMBER: GFLD-SA3C-740-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	0.1	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.3	0.0
77.5°	0.0	0.1	0.0	0.0	0.0	0.4	0.0
75°	0.1	0.3	0.1	0.0	0.1	0.5	0.0
72.5°	0.2	0.6	0.4	0.0	0.1	0.6	0.0
70°	0.4	0.8	0.7	0.1	0.2	0.7	0.0
67.5°	1.3	1.1	1.1	0.4	0.2	0.8	0.0
65°	2.1	1.6	1.5	0.8	0.3	0.9	0.0
62.5°	2.9	2.1	1.9	1.2	0.4	1.0	0.0
60°	3.6	2.6	2.3	1.6	0.5	1.0	0.0
57.5°	3.7	3.0	2.6	2.0	0.8	1.1	0.0
55°	3.7	3.4	2.9	2.3	1.1	1.3	0.0
52.5°	3.7	3.7	3.1	2.8	1.4	1.4	0.0
50°	3.7	3.7	3.3	3.2	1.7	1.5	0.0
47.5°	3.7	3.7	3.4	3.5	1.9	1.6	0.0
45°	3.7	3.7	3.6	3.6	2.2	1.7	0.0
42.5°	3.7	3.7	3.7	3.7	2.4	1.8	0.0
40°	3.7	3.7	3.7	3.7	2.6	1.9	0.0
37.5°	3.7	3.7	3.7	3.7	2.8	2.0	0.0
35°	3.7	3.7	3.7	3.7	2.9	2.2	0.0
32.5°	3.8	3.7	3.7	3.7	3.1	2.3	0.0
30°	4.2	3.7	3.7	3.7	3.2	2.4	0.0
27.5°	4.6	3.7	3.7	3.7	3.3	2.5	0.0
25°	5.0	3.7	3.7	3.7	3.4	2.6	0.0
22.5°	5.5	3.8	3.7	3.7	3.5	2.8	0.0
20°	5.9	4.0	3.7	3.7	3.5	2.9	0.0
17.5°	6.6	4.4	3.7	3.7	3.6	3.0	0.0
15°	7.3	4.7	3.7	3.7	3.6	3.1	0.0
12.5°	8.0	5.1	3.7	3.7	3.7	3.2	0.0
10°	8.7	5.6	3.7	3.7	3.7	3.3	0.0
7.5°	9.3	6.0	3.7	3.7	3.7	3.4	0.0
5°	9.9	6.4	3.7	3.7	3.7	3.5	0.0
2.5°	10.5	6.9	3.7	3.7	3.7	3.6	0.0
0°	11.0	7.3	3.7	3.7	3.7	3.7	0.0
-2.5°	12.0	7.7	4.0	3.7	3.7	3.7	0.0
-5°	12.8	8.0	4.3	3.7	3.7	3.7	0.0
-7.5°	13.7	8.4	4.6	3.7	3.7	3.7	0.0
-10°	14.4	8.7	4.9	3.7	3.7	3.6	0.0
-12.5°	15.0	8.9	5.1	3.7	3.7	3.6	0.0
-15°	15.4	9.1	5.3	3.7	3.7	3.6	0.0
-17.5°	15.7	9.3	5.5	3.7	3.7	3.5	0.0
-20°	15.9	9.4	5.6	3.7	3.7	3.5	0.0

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CATALOG NUMBER: GFLD-SA3C-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	16.2	9.5	5.6	3.7	3.7	3.4	0.0
-25°	16.3	9.7	5.6	3.7	3.7	3.4	0.0
-27.5°	16.3	9.9	5.5	3.7	3.7	3.3	0.0
-30°	16.2	10.1	5.4	3.7	3.7	3.2	0.0
-32.5°	16.0	10.2	5.4	3.7	3.7	3.1	0.0
-35°	16.0	10.2	5.3	3.7	3.7	3.0	0.0
-37.5°	15.9	10.0	5.2	3.7	3.7	2.9	0.0
-40°	15.7	9.9	5.0	3.7	3.7	2.8	0.0
-42.5°	15.3	9.6	5.0	3.7	3.7	2.7	0.0
-45°	14.9	9.2	5.1	3.8	3.7	2.6	0.0
-47.5°	14.3	8.7	5.2	3.9	3.7	2.5	0.0
-50°	13.5	8.1	5.2	4.0	3.7	2.4	0.0
-52.5°	12.7	7.5	5.2	4.0	3.7	2.3	0.0
-55°	11.7	7.3	5.2	4.0	3.7	2.1	0.0
-57.5°	10.6	7.1	5.1	4.0	3.7	2.0	0.0
-60°	9.5	6.9	5.0	4.0	3.7	1.8	0.0
-62.5°	9.0	6.6	4.9	3.9	3.4	1.7	0.0
-65°	8.5	6.2	4.7	3.9	3.1	1.6	0.0
-67.5°	7.8	5.8	4.5	3.8	2.8	1.4	0.0
-70°	7.1	5.4	4.3	3.7	2.5	1.3	0.0
-72.5°	6.3	4.9	4.0	3.3	2.2	1.1	0.0
-75°	5.5	4.4	3.8	2.9	1.9	1.0	0.0
-77.5°	4.7	3.9	3.2	2.4	1.6	0.8	0.0
-80°	3.8	3.2	2.6	1.9	1.3	0.6	0.0
-82.5°	2.9	2.4	1.9	1.4	1.0	0.5	0.0
-85°	1.9	1.6	1.3	1.0	0.6	0.3	0.0
-87.5°	1.0	0.8	0.6	0.5	0.3	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)