

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: P627008 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-722-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627008 (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-SA2E-722-U-NR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (32) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

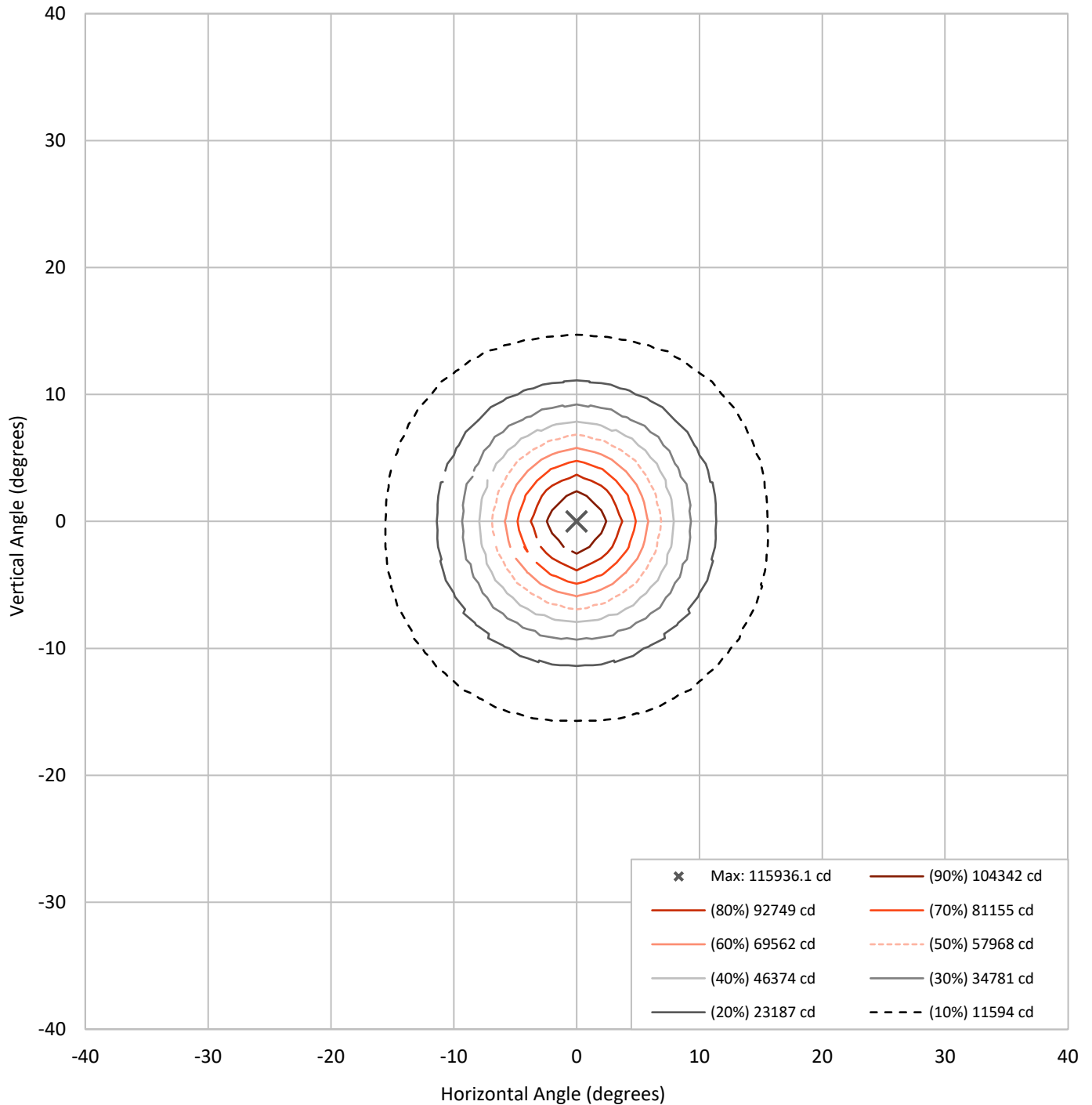
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	11437.3 lumens	Max Intensity:	115936.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	91.0 lumens/watt		
Luminous Opening:	Rectangular (W 1' 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:	3651.3 lumens	Field Lumens:	8132.7 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	125.7		
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		



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Iso-Candela Plot





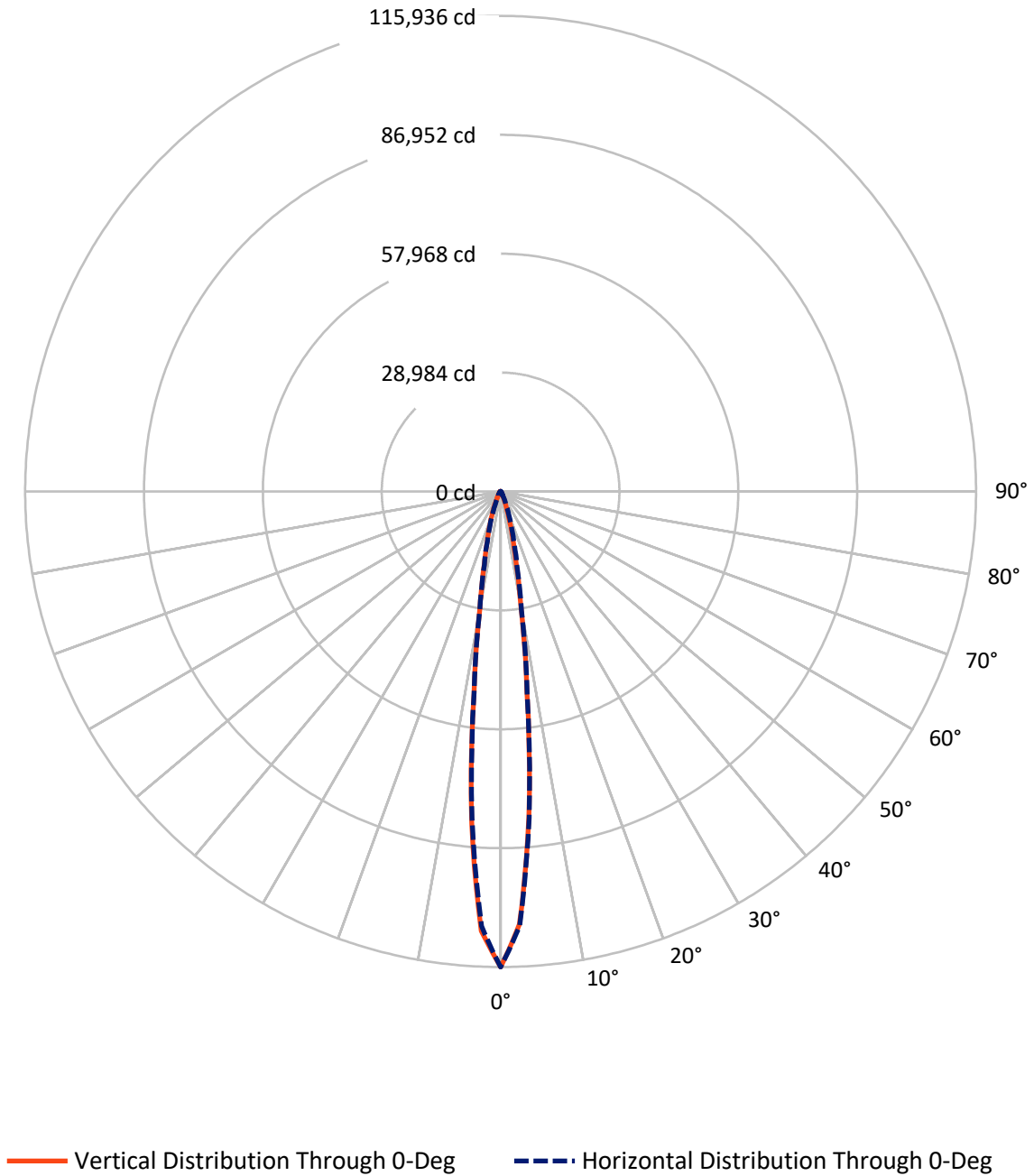
REPORT NUMBER: P627008 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

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	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0		
60		0.0	0.1	0.3	0.6	1.0	1.4	1.6	1.6	1.4	1.0	0.6	0.3	0.1		0.0	
50	0.1	0.1	0.3	1.0	1.9	2.7	3.9	4.6	4.6	3.9	2.7	1.9	1.0	0.3	0.1		
40		0.2	0.8	1.9	3.5	5.5	9.3	11.8	11.8	9.3	5.5	3.5	1.9	0.8		0.2	
30	0.1	0.3	1.3	2.9	5.4	11.6	31.1	51.5	51.5	31.1	11.6	5.4	2.9	1.3	0.1		
20		0.5	1.8	4.1	8.8	34.8	146.6	322.3	322.3	146.6	34.8	8.8	4.1	1.8		0.5	
10	0.2	0.6	2.1	4.8	12.0	65.3	351.3	1575.6	1575.6	351.3	65.3	12.0	4.8	2.1	0.2		
0		0.7	2.3	5.0	12.9	69.6	363.6	1602.3	1602.3	363.6	69.6	12.9	5.0	2.3		0.7	
-10	0.2	0.7	2.4	5.0	11.3	44.3	176.5	377.6	377.6	176.5	44.3	11.3	5.0	2.4	0.2		
-20		0.7	2.3	4.6	8.7	20.7	54.4	90.7	90.7	54.4	20.7	8.7	4.6	2.3		0.7	
-30	0.2	0.6	2.0	4.0	6.8	11.4	18.5	23.5	23.5	18.5	11.4	6.8	4.0	2.0	0.2		
-40		0.5	1.7	3.3	5.5	7.9	10.7	11.9	11.9	10.7	7.9	5.5	3.3	1.7		0.5	
-50	0.1	0.4	1.2	2.6	4.4	6.1	7.7	8.4	8.4	7.7	6.1	4.4	2.6	1.2	0.1		
-60		0.3	0.8	1.7	2.9	4.2	5.4	5.9	5.9	5.4	4.2	2.9	1.7	0.8		0.3	
-70	0.1	0.3	0.8	1.7	2.9	4.2	5.4	5.9	5.9	5.4	4.2	2.9	1.7	0.8	0.1		
-80		0.1	0.7	2.9	6.3	8.0	6.3	2.9	0.7	0.1							
-90	0.1	0.7	2.9	6.3	8.0	6.3	2.9	0.7	0.1								

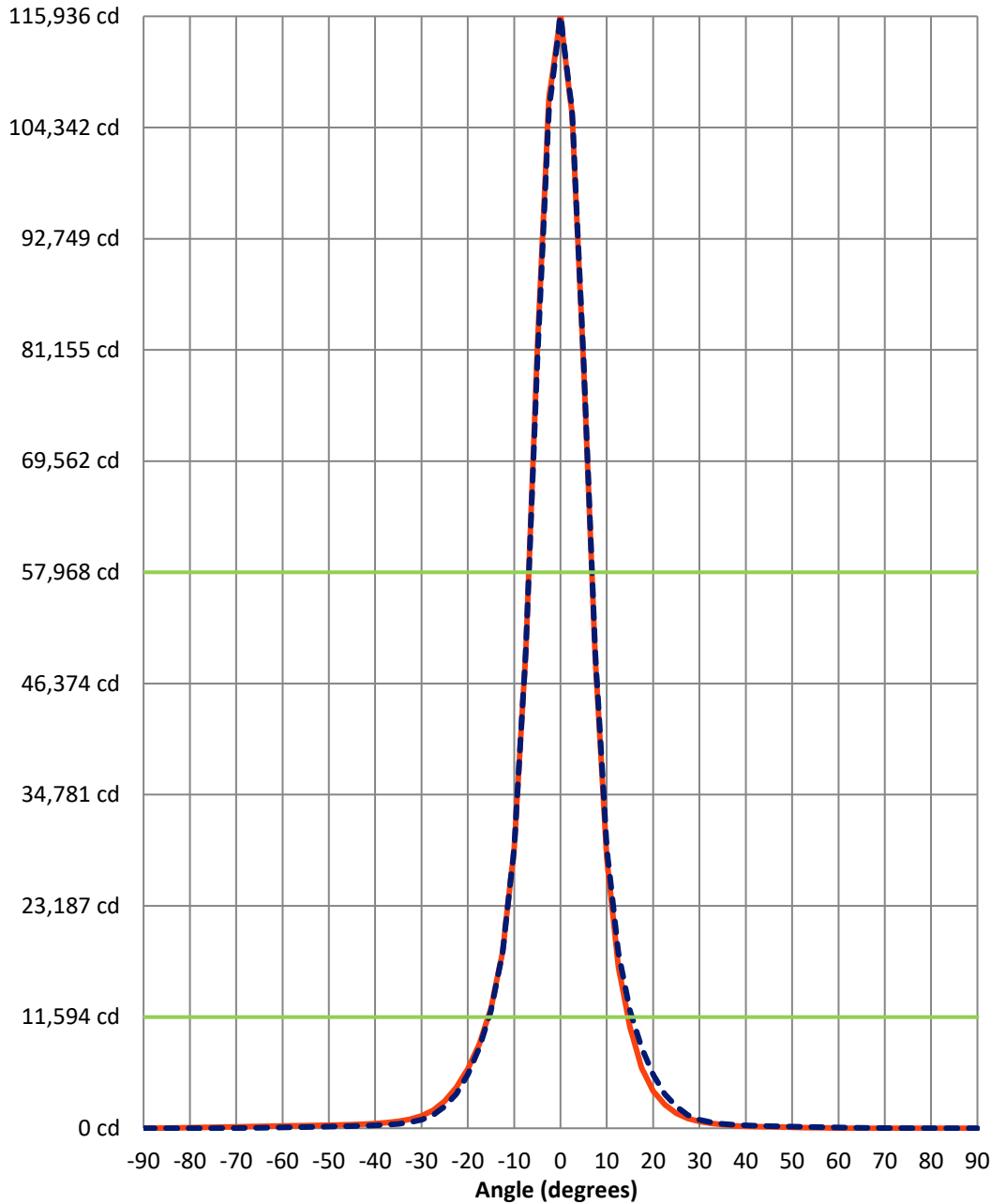
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 3651.3
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 8132.7
 Efficiency: 71.1%

Spill:
 Lumens: 3304.7
 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	0.1	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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.3	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.3	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.2	0.1
72.5°	0.0	0.4	0.1	0.0	0.3	0.4	0.1	0.2	0.5	0.6	0.2
70°	0.0	0.5	0.1	0.0	0.5	0.6	0.3	0.8	1.1	0.9	0.3
67.5°	0.0	0.5	0.1	0.3	0.8	0.8	0.9	1.4	1.6	1.0	0.4
65°	0.0	0.6	0.2	0.5	1.0	1.1	1.4	2.1	1.7	1.1	0.8
62.5°	0.0	0.6	0.3	0.8	1.3	1.4	2.0	2.3	1.8	1.3	1.6
60°	0.0	0.7	0.3	1.1	1.6	1.7	2.4	2.4	1.9	1.8	2.3
57.5°	0.0	0.8	0.5	1.3	1.8	2.0	2.5	2.5	2.1	2.2	2.5
55°	0.0	0.8	0.8	1.6	1.9	2.3	2.5	2.5	2.3	2.5	2.5
52.5°	0.0	0.9	0.9	1.9	2.1	2.5	2.5	2.5	2.4	2.5	2.5
50°	0.0	1.0	1.1	2.1	2.2	2.5	2.5	2.5	2.5	2.5	2.9
47.5°	0.0	1.1	1.3	2.4	2.3	2.5	2.5	2.5	2.5	2.5	3.4
45°	0.0	1.1	1.5	2.4	2.4	2.5	2.5	2.5	2.6	3.1	4.0
42.5°	0.0	1.2	1.6	2.5	2.5	2.5	2.5	2.6	2.7	3.7	5.4
40°	0.0	1.3	1.7	2.5	2.5	2.5	2.5	2.8	3.2	4.5	7.0
37.5°	0.0	1.4	1.9	2.5	2.5	2.5	2.5	3.0	4.0	5.7	8.6
35°	0.0	1.5	2.0	2.5	2.5	2.5	2.5	3.3	4.9	7.2	10.6
32.5°	0.0	1.5	2.1	2.5	2.5	2.5	2.6	3.6	5.8	8.7	13.1
30°	0.0	1.6	2.2	2.5	2.5	2.5	2.8	4.1	6.8	10.2	15.9
27.5°	0.0	1.7	2.2	2.5	2.5	2.5	3.1	4.9	7.9	11.5	18.8
25°	0.0	1.8	2.3	2.5	2.5	2.5	3.4	5.7	9.1	13.6	22.0
22.5°	0.0	1.9	2.4	2.5	2.5	2.5	3.7	6.5	10.2	16.1	25.8
20°	0.0	1.9	2.4	2.5	2.5	2.7	4.0	7.2	11.2	18.6	29.2
17.5°	0.0	2.0	2.4	2.5	2.5	2.9	4.4	8.0	12.2	21.1	32.4
15°	0.0	2.1	2.5	2.5	2.5	3.2	4.9	8.8	13.1	23.6	35.2
12.5°	0.0	2.2	2.5	2.5	2.5	3.5	5.4	9.5	14.4	26.0	37.8
10°	0.0	2.2	2.5	2.5	2.5	3.7	5.8	10.2	16.0	28.2	40.1
7.5°	0.0	2.3	2.5	2.5	2.5	4.0	6.3	10.8	17.6	30.2	42.1
5°	0.0	2.4	2.5	2.5	2.5	4.3	6.7	11.4	19.2	31.9	43.8
2.5°	0.0	2.4	2.5	2.5	2.5	4.6	7.1	11.9	20.7	33.2	45.3
0°	0.0	2.5	2.5	2.5	2.5	4.9	7.4	12.3	22.1	34.4	46.6
-2.5°	0.0	2.5	2.5	2.5	2.7	5.2	8.0	13.0	23.3	35.3	48.2
-5°	0.0	2.5	2.5	2.5	2.9	5.4	8.6	13.7	24.4	36.0	49.5
-7.5°	0.0	2.5	2.5	2.5	3.1	5.6	9.2	14.3	25.3	36.6	50.5
-10°	0.0	2.5	2.5	2.5	3.3	5.8	9.7	14.8	25.9	36.9	51.1
-12.5°	0.0	2.4	2.5	2.5	3.4	6.0	10.1	15.3	26.3	37.3	52.1
-15°	0.0	2.4	2.5	2.5	3.6	6.1	10.4	15.7	26.4	38.0	52.9
-17.5°	0.0	2.4	2.5	2.5	3.7	6.2	10.6	16.0	26.2	38.4	53.4
-20°	0.0	2.3	2.5	2.5	3.8	6.3	10.7	16.4	25.9	38.4	53.3

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REPORT NUMBER: P627008 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-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	2.3	2.5	2.5	3.8	6.4	10.9	16.6	25.3	37.9	52.7
-25°	0.0	2.3	2.5	2.5	3.8	6.5	10.9	16.6	24.5	37.0	51.5
-27.5°	0.0	2.2	2.5	2.5	3.7	6.7	10.9	16.6	23.5	35.8	50.4
-30°	0.0	2.2	2.5	2.5	3.6	6.8	10.9	16.4	23.0	34.5	48.7
-32.5°	0.0	2.1	2.5	2.5	3.6	6.8	10.7	16.2	22.7	32.9	46.4
-35°	0.0	2.0	2.5	2.5	3.6	6.8	10.7	16.0	22.3	31.2	43.4
-37.5°	0.0	2.0	2.5	2.5	3.5	6.7	10.7	15.7	21.6	29.2	41.7
-40°	0.0	1.9	2.5	2.5	3.4	6.6	10.5	15.3	20.8	28.0	40.2
-42.5°	0.0	1.8	2.5	2.5	3.4	6.4	10.3	14.9	20.2	27.4	38.3
-45°	0.0	1.8	2.5	2.6	3.4	6.2	10.0	14.4	19.6	26.6	36.2
-47.5°	0.0	1.7	2.5	2.6	3.5	5.9	9.6	13.9	18.9	25.5	34.8
-50°	0.0	1.6	2.5	2.7	3.5	5.5	9.1	13.3	18.2	24.5	33.0
-52.5°	0.0	1.5	2.5	2.7	3.5	5.0	8.5	12.6	17.3	23.1	30.9
-55°	0.0	1.4	2.5	2.7	3.5	4.9	7.9	11.8	16.3	21.4	28.7
-57.5°	0.0	1.3	2.5	2.7	3.5	4.8	7.1	10.9	15.1	19.9	26.0
-60°	0.0	1.2	2.5	2.7	3.4	4.6	6.4	9.8	13.8	18.3	23.3
-62.5°	0.0	1.2	2.3	2.7	3.3	4.4	6.1	8.7	12.4	16.5	21.1
-65°	0.0	1.1	2.1	2.6	3.2	4.2	5.7	7.6	10.8	14.6	18.9
-67.5°	0.0	1.0	1.9	2.6	3.0	3.9	5.2	7.0	9.2	12.6	16.5
-70°	0.0	0.9	1.7	2.5	2.9	3.6	4.8	6.3	8.2	10.5	13.9
-72.5°	0.0	0.8	1.5	2.2	2.7	3.3	4.3	5.6	7.2	9.2	11.4
-75°	0.0	0.6	1.3	1.9	2.5	3.0	3.7	4.9	6.1	7.7	9.6
-77.5°	0.0	0.5	1.1	1.6	2.2	2.6	3.2	4.2	5.3	6.4	7.7
-80°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.5	4.5	5.5	6.5
-82.5°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.8	3.7	4.6	5.5
-85°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.9	2.5	3.3	4.1
-87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.9	1.3	1.6	2.1
-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	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.2	0.7	0.8	0.5	0.0	0.0	0.0	0.2	0.0	0.0	0.0
65°	1.2	1.6	1.2	0.7	0.0	0.6	0.8	0.7	0.1	0.0	0.0
62.5°	2.3	2.0	1.4	1.0	1.4	1.9	1.5	0.9	0.2	1.2	1.7
60°	2.5	2.1	1.8	2.0	2.5	2.2	1.6	2.4	3.6	4.5	5.5
57.5°	2.5	2.3	2.3	2.7	2.8	2.8	4.3	5.8	8.2	10.1	11.5
55°	2.6	2.5	2.8	3.3	4.2	5.9	8.0	11.3	14.0	18.0	21.4
52.5°	2.8	2.8	3.8	5.0	7.5	10.2	14.0	18.6	23.8	27.8	31.9
50°	3.2	4.1	5.2	8.4	11.7	16.0	22.2	29.0	33.4	37.9	43.8
47.5°	4.4	5.6	8.6	12.3	17.1	23.9	32.5	37.4	41.7	48.7	56.1
45°	5.9	8.4	12.2	17.2	23.8	33.3	40.1	44.1	51.6	59.7	68.2
42.5°	7.5	11.5	16.7	22.1	32.4	41.4	47.5	53.9	61.5	70.9	80.1
40°	10.2	14.7	21.7	30.1	40.6	49.4	57.1	64.3	71.9	84.2	94.0
37.5°	12.9	19.4	27.3	37.8	48.7	58.3	66.9	76.1	86.8	100.7	109.5
35°	15.6	24.3	34.0	45.2	56.7	67.6	78.0	88.7	102.6	115.7	126.2
32.5°	19.3	29.4	40.3	52.3	64.2	76.6	89.2	101.9	115.6	129.0	142.8
30°	24.0	34.8	46.2	59.1	71.1	85.4	100.0	113.5	127.2	141.4	157.0
27.5°	28.6	39.8	52.2	65.2	77.8	94.1	109.8	123.8	138.0	153.2	171.0
25°	33.0	44.9	57.8	70.7	85.5	102.9	120.1	136.4	148.3	165.7	186.5
22.5°	37.1	49.8	63.8	75.6	92.8	111.8	131.8	149.3	163.4	179.0	202.6
20°	41.3	54.9	69.3	82.5	100.2	120.7	144.3	162.4	180.0	200.0	224.0
17.5°	45.2	59.7	74.8	90.5	109.2	130.3	157.2	175.6	196.6	220.5	250.9
15°	48.9	64.1	80.3	97.9	117.2	140.0	165.9	188.9	214.0	241.6	277.5
12.5°	52.4	68.1	85.7	104.8	124.3	148.3	173.2	197.6	226.5	262.7	307.8
10°	55.6	71.8	90.9	111.1	130.5	155.4	179.7	205.1	235.6	275.3	326.9
7.5°	58.2	75.4	95.9	116.8	135.8	161.1	185.2	211.2	243.2	285.7	339.8
5°	60.5	79.3	100.5	120.5	140.3	166.1	189.9	216.1	249.2	293.9	349.0
2.5°	62.3	82.8	104.6	123.2	144.0	170.6	193.6	221.5	255.3	300.2	357.6
0°	63.8	85.9	108.0	125.2	147.2	174.2	196.3	225.8	260.1	304.3	365.6
-2.5°	66.8	88.5	110.0	127.5	150.6	174.8	198.1	226.4	261.9	307.5	367.2
-5°	69.3	90.5	111.5	129.2	153.2	174.8	198.8	225.8	262.6	309.3	369.9
-7.5°	71.2	92.1	112.5	130.6	154.5	175.6	199.9	227.6	264.5	311.0	373.3
-10°	72.5	93.2	113.3	132.4	154.9	176.4	200.4	228.0	264.2	309.9	371.4
-12.5°	73.1	93.9	113.7	133.3	154.8	176.3	199.8	226.9	261.5	306.1	363.8
-15°	73.3	94.2	113.6	133.4	154.4	175.3	198.3	224.4	256.6	299.5	351.9
-17.5°	73.1	94.0	113.2	132.6	153.8	173.3	195.8	220.9	251.7	291.7	342.2
-20°	72.5	93.5	112.3	130.8	153.0	171.4	193.4	217.6	246.5	282.9	328.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627008 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-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°	71.4	92.7	111.1	129.1	150.3	169.7	190.2	213.3	239.2	272.1	312.1
-25°	70.2	90.9	109.6	127.7	147.2	167.0	186.2	208.1	231.9	263.5	299.6
-27.5°	68.7	88.8	107.4	125.7	143.9	163.4	182.1	202.9	226.5	254.3	286.5
-30°	66.4	85.8	104.5	123.1	141.0	159.4	177.4	197.2	219.4	245.7	275.4
-32.5°	63.5	82.5	100.7	119.2	137.8	155.3	172.3	191.3	212.2	235.2	263.5
-35°	60.6	78.9	96.7	114.3	133.9	150.7	167.2	184.6	204.0	225.4	248.4
-37.5°	57.9	75.0	92.4	109.0	127.6	145.1	161.1	177.7	195.6	215.2	236.2
-40°	55.0	70.9	87.9	104.1	120.3	138.2	154.2	170.2	186.7	206.4	225.1
-42.5°	51.9	67.4	83.1	99.0	114.5	130.5	146.4	161.8	179.3	197.9	216.2
-45°	49.4	63.8	78.3	93.8	109.1	123.5	138.5	152.8	170.6	189.2	207.1
-47.5°	46.4	60.0	74.2	88.1	103.2	117.6	131.0	145.5	160.6	178.2	197.0
-50°	43.3	56.2	69.3	82.4	96.7	111.1	124.7	138.1	152.4	166.8	183.1
-52.5°	40.7	51.9	64.0	76.2	89.6	103.8	117.5	130.9	144.0	157.6	171.4
-55°	37.6	47.9	58.6	69.9	81.7	95.3	108.9	122.0	135.3	148.0	161.6
-57.5°	34.2	43.4	53.1	63.7	74.5	85.6	98.8	111.8	124.4	137.2	151.2
-60°	30.3	38.6	47.3	57.1	67.6	77.8	88.5	100.5	112.7	124.9	137.8
-62.5°	26.2	33.4	41.4	49.9	59.5	69.5	79.3	89.6	100.5	111.1	122.3
-65°	23.5	28.6	35.3	42.9	50.7	59.7	68.9	78.4	88.1	97.0	105.7
-67.5°	20.6	25.2	30.2	35.8	42.9	50.5	57.9	66.3	75.0	83.2	91.3
-70°	17.6	21.7	26.0	30.7	35.8	42.0	48.9	55.7	62.3	69.3	76.7
-72.5°	14.5	18.0	21.8	25.8	30.2	35.0	40.4	46.2	52.1	57.8	63.6
-75°	11.9	14.2	17.3	20.7	24.5	28.3	32.2	36.8	41.8	46.8	51.7
-77.5°	9.8	11.9	14.1	16.2	18.8	22.3	25.8	29.2	32.6	36.4	40.5
-80°	8.0	9.6	11.6	13.5	15.3	17.4	19.8	22.5	24.9	27.4	30.2
-82.5°	6.6	7.9	9.3	10.8	11.9	13.0	14.2	15.8	17.4	19.1	20.9
-85°	5.1	6.1	7.1	8.1	8.6	9.1	9.7	10.4	11.4	12.5	13.5
-87.5°	2.5	3.1	3.6	4.2	4.5	4.8	5.0	5.2	5.9	6.6	7.3
-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: P627008 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-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	0.5	0.6	0.5	0.2	0.0	0.0
62.5°	1.4	1.2	1.9	2.5	2.8	2.8	2.5	2.2	1.9	1.8	2.0
60°	5.9	5.8	8.0	9.1	8.3	5.9	9.2	10.9	10.5	9.0	9.0
57.5°	14.4	17.5	19.7	20.7	24.0	29.2	30.2	28.5	27.9	28.4	32.9
55°	24.9	27.4	28.7	33.2	37.1	40.0	41.7	43.4	45.9	49.0	52.2
52.5°	35.3	38.7	41.4	45.4	50.1	51.7	51.2	57.3	62.1	65.1	66.4
50°	48.5	52.8	58.9	65.1	67.8	70.5	73.3	78.3	85.5	94.5	99.7
47.5°	62.7	69.4	75.8	82.9	86.5	89.4	93.6	102.3	112.6	122.3	127.4
45°	75.4	81.5	88.8	94.9	99.4	104.8	110.9	118.7	130.3	140.5	147.5
42.5°	85.7	92.5	100.1	107.5	112.0	119.3	128.5	139.1	151.3	161.9	169.7
40°	100.2	105.9	117.9	124.9	126.8	133.6	151.9	166.5	180.2	193.2	199.7
37.5°	117.6	128.7	141.2	147.7	154.0	166.0	190.6	214.1	231.6	249.2	258.9
35°	137.3	152.0	169.0	176.6	190.2	216.4	245.2	278.0	318.9	336.0	351.5
32.5°	156.5	173.0	188.6	205.7	229.4	260.8	293.3	346.4	396.1	434.5	462.6
30°	173.6	191.0	210.4	232.3	265.8	309.0	363.4	432.1	502.1	563.1	614.8
27.5°	190.4	210.2	233.4	266.1	313.1	371.9	458.5	556.6	673.4	759.5	862.2
25°	208.8	231.5	261.2	308.6	372.1	459.9	598.5	757.8	949.3	1104.6	1267.1
22.5°	230.7	264.2	301.8	354.7	465.5	610.3	799.6	1071.9	1366.5	1638.8	1901.1
20°	257.0	302.8	363.3	460.6	602.9	816.9	1145.9	1580.5	2013.7	2475.1	2919.2
17.5°	294.7	360.7	454.6	593.1	780.6	1204.1	1737.8	2409.9	3273.5	4056.0	4739.2
15°	330.0	408.9	557.1	764.2	1091.3	1652.4	2463.1	3572.5	4918.3	6144.8	7440.2
12.5°	367.1	460.3	630.4	894.1	1348.6	2079.1	3218.5	4738.5	6423.7	8272.1	10377.6
10°	396.5	509.6	713.4	1047.7	1607.9	2517.6	3874.7	5718.2	7957.5	10693.1	14058.8
7.5°	416.3	549.2	781.8	1160.1	1846.6	2966.1	4599.8	6815.6	9615.1	13239.1	17948.7
5°	431.8	579.3	833.3	1262.6	2048.5	3308.4	5136.9	7776.5	11088.1	15943.8	23925.1
2.5°	444.3	602.4	865.1	1333.1	2175.2	3546.7	5497.3	8320.1	11965.0	17943.4	28298.1
0°	454.0	623.3	885.9	1376.7	2272.4	3570.5	5609.8	8419.6	12279.7	18304.3	29239.2
-2.5°	458.1	634.5	893.0	1386.2	2262.7	3611.5	5644.1	8499.1	12267.9	18106.5	28188.2
-5°	465.0	634.3	887.6	1376.5	2211.9	3505.7	5420.0	8054.4	11527.8	16549.2	24808.9
-7.5°	470.0	624.2	861.9	1314.1	2079.1	3277.0	5026.1	7317.6	10180.8	13993.4	19108.9
-10°	465.4	604.8	819.1	1209.5	1872.7	2910.1	4427.2	6344.9	8724.5	11550.0	15025.6
-12.5°	447.9	568.9	749.2	1063.0	1605.3	2499.1	3824.6	5457.4	7218.7	9203.1	11604.7
-15°	425.8	530.3	686.2	962.4	1407.1	2091.7	3059.5	4384.0	5796.9	7303.5	8910.2
-17.5°	408.6	496.4	625.5	825.4	1152.5	1696.8	2457.3	3398.3	4436.6	5583.7	6535.7
-20°	385.2	454.6	563.0	726.3	975.8	1336.5	1890.3	2574.0	3259.1	4065.6	4723.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627008 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-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°	361.8	422.3	504.7	624.2	809.9	1082.4	1424.6	1881.0	2382.1	2845.0	3300.7
-25°	340.1	386.6	453.4	551.4	677.4	863.3	1106.9	1368.7	1699.0	1980.8	2293.5
-27.5°	322.5	362.5	411.7	483.6	581.4	701.0	875.4	1050.8	1224.5	1366.7	1582.0
-30°	305.5	337.8	378.9	430.2	503.4	595.6	708.9	822.7	922.9	1014.3	1126.4
-32.5°	288.9	315.1	346.7	389.2	441.8	511.1	580.7	662.2	731.9	796.2	855.7
-35°	272.2	295.6	319.6	355.5	397.4	446.6	497.2	552.4	600.7	644.0	682.3
-37.5°	257.1	277.6	300.3	327.0	360.8	397.8	439.1	479.2	511.1	539.2	562.4
-40°	244.4	263.0	282.4	303.8	329.5	358.8	393.9	427.3	449.6	466.8	480.9
-42.5°	233.0	249.4	266.0	284.1	303.9	329.2	356.9	384.5	399.6	412.9	423.1
-45°	224.0	236.5	250.4	265.9	283.4	304.6	326.4	345.4	358.9	370.3	378.8
-47.5°	211.9	224.0	236.0	248.8	265.1	282.8	300.8	315.5	327.2	337.2	343.7
-50°	198.6	211.4	222.4	233.6	248.6	263.6	278.1	290.2	301.4	311.2	316.3
-52.5°	184.9	198.6	210.1	221.1	233.7	246.7	259.8	270.2	280.0	289.2	293.1
-55°	175.0	187.6	199.5	209.8	220.2	230.6	241.3	252.1	261.8	270.5	273.1
-57.5°	164.3	177.1	188.9	198.2	207.6	217.0	226.8	236.5	245.8	254.2	256.3
-60°	151.2	165.1	175.6	184.4	193.5	202.8	211.3	220.0	228.7	236.0	238.3
-62.5°	134.6	147.3	157.7	166.9	175.7	183.8	192.1	200.2	208.0	213.8	215.7
-65°	114.7	125.5	136.2	145.9	154.6	162.4	170.0	177.4	184.5	189.6	192.1
-67.5°	99.1	106.8	115.4	123.7	132.4	140.5	147.4	153.9	160.0	164.3	167.0
-70°	84.0	91.4	99.4	107.3	114.9	121.4	126.9	132.3	137.5	141.3	144.1
-72.5°	69.5	75.8	82.5	89.5	96.4	102.3	107.3	112.1	116.6	119.9	122.5
-75°	56.5	61.6	67.3	72.9	78.5	83.2	87.4	91.5	95.5	98.4	100.8
-77.5°	44.8	49.2	53.6	58.0	62.4	65.8	68.9	71.9	74.9	77.2	79.2
-80°	33.2	36.6	40.1	43.7	47.2	49.8	52.1	54.3	56.4	57.8	58.9
-82.5°	22.7	25.1	27.5	30.0	32.5	34.4	36.3	38.1	39.9	40.5	41.0
-85°	14.5	15.7	17.0	18.3	19.8	20.8	21.8	22.8	23.7	24.5	25.3
-87.5°	8.0	8.3	8.5	8.7	8.9	9.6	10.4	11.1	11.9	12.0	12.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627008 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-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	0.5
62.5°	2.2	2.4	2.5	2.5	2.5	2.4	2.2	2.0	1.8	1.9	2.2
60°	8.4	7.5	7.3	7.4	7.3	7.5	8.4	9.0	9.0	10.5	10.9
57.5°	37.3	41.5	42.7	41.7	42.7	41.5	37.3	32.9	28.4	27.9	28.5
55°	54.3	55.6	56.2	56.4	56.2	55.6	54.3	52.2	49.0	45.9	43.4
52.5°	66.7	66.2	66.1	66.3	66.1	66.2	66.7	66.4	65.1	62.1	57.3
50°	100.1	98.3	97.6	98.2	97.6	98.3	100.1	99.7	94.5	85.5	78.3
47.5°	128.0	128.6	129.5	130.1	129.5	128.6	128.0	127.4	122.3	112.6	102.3
45°	149.5	150.7	151.6	152.1	151.6	150.7	149.5	147.5	140.5	130.3	118.7
42.5°	171.4	171.6	171.3	171.8	171.3	171.6	171.4	169.7	161.9	151.3	139.1
40°	202.4	203.0	202.3	201.2	202.3	203.0	202.4	199.7	193.2	180.2	166.5
37.5°	264.5	265.3	262.4	260.1	262.4	265.3	264.5	258.9	249.2	231.6	214.1
35°	365.7	376.2	381.2	382.8	381.2	376.2	365.7	351.5	336.0	318.9	278.0
32.5°	482.0	496.6	504.0	510.4	504.0	496.6	482.0	462.6	434.5	396.1	346.4
30°	648.6	675.6	687.5	704.3	687.5	675.6	648.6	614.8	563.1	502.1	432.1
27.5°	920.6	967.9	994.0	1018.4	994.0	967.9	920.6	862.2	759.5	673.4	556.6
25°	1385.2	1476.4	1535.4	1563.2	1535.4	1476.4	1385.2	1267.1	1104.6	949.3	757.8
22.5°	2154.9	2323.0	2452.6	2478.5	2452.6	2323.0	2154.9	1901.1	1638.8	1366.5	1071.9
20°	3350.1	3590.6	3786.2	3884.7	3786.2	3590.6	3350.1	2919.2	2475.1	2013.7	1580.5
17.5°	5553.0	6053.1	6281.5	6319.0	6281.5	6053.1	5553.0	4739.2	4056.0	3273.5	2409.9
15°	8830.1	9676.4	10213.6	10559.5	10213.6	9676.4	8830.1	7440.2	6144.8	4918.3	3572.5
12.5°	12569.3	14973.9	16342.1	16863.8	16342.1	14973.9	12569.3	10377.6	8272.1	6423.7	4738.5
10°	17644.1	23304.9	26570.3	28213.5	26570.3	23304.9	17644.1	14058.8	10693.1	7957.5	5718.2
7.5°	26257.3	35000.6	44687.7	49169.3	44687.7	35000.6	26257.3	17948.7	13239.1	9615.1	6815.6
5°	35311.9	54508.4	71357.3	79425.7	71357.3	54508.4	35311.9	23925.1	15943.8	11088.1	7776.5
2.5°	45718.7	71607.0	95542.8	105607.3	95542.8	71607.0	45718.7	28298.1	17943.4	11965.0	8320.1
0°	49723.9	79879.7	106057.6	115936.1	106057.6	79879.7	49723.9	29239.2	18304.3	12279.7	8419.6
-2.5°	46337.9	72861.2	95954.1	107241.6	95954.1	72861.2	46337.9	28188.2	18106.5	12267.9	8499.1
-5°	36817.8	54808.8	71911.3	81109.1	71911.3	54808.8	36817.8	24808.9	16549.2	11527.8	8054.4
-7.5°	27022.0	36816.1	46314.2	49635.6	46314.2	36816.1	27022.0	19108.9	13993.4	10180.8	7317.6
-10°	18813.3	24421.7	28123.9	29180.3	28123.9	24421.7	18813.3	15025.6	11550.0	8724.5	6344.9
-12.5°	13948.1	16401.2	18108.1	18404.9	18108.1	16401.2	13948.1	11604.7	9203.1	7218.7	5457.4
-15°	10328.2	11575.7	12456.1	12515.3	12456.1	11575.7	10328.2	8910.2	7303.5	5796.9	4384.0
-17.5°	7550.0	8387.4	8831.6	8800.0	8831.6	8387.4	7550.0	6535.7	5583.7	4436.6	3398.3
-20°	5398.7	5903.4	6261.4	6191.4	6261.4	5903.4	5398.7	4723.3	4065.6	3259.1	2574.0



REPORT NUMBER: P627008 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-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°	3764.3	4099.4	4309.2	4255.2	4309.2	4099.4	3764.3	3300.7	2845.0	2382.1	1881.0
-25°	2557.8	2740.4	2844.3	2827.0	2844.3	2740.4	2557.8	2293.5	1980.8	1699.0	1368.7
-27.5°	1743.0	1839.4	1871.6	1869.9	1871.6	1839.4	1743.0	1582.0	1366.7	1224.5	1050.8
-30°	1209.8	1274.6	1311.7	1288.3	1311.7	1274.6	1209.8	1126.4	1014.3	922.9	822.7
-32.5°	901.7	938.2	959.3	937.4	959.3	938.2	901.7	855.7	796.2	731.9	662.2
-35°	710.6	729.1	736.6	723.9	736.6	729.1	710.6	682.3	644.0	600.7	552.4
-37.5°	579.3	590.2	593.9	586.5	593.9	590.2	579.3	562.4	539.2	511.1	479.2
-40°	490.9	497.6	499.2	493.3	499.2	497.6	490.9	480.9	466.8	449.6	427.3
-42.5°	429.5	433.5	434.4	431.9	434.4	433.5	429.5	423.1	412.9	399.6	384.5
-45°	383.9	387.3	387.9	385.3	387.9	387.3	383.9	378.8	370.3	358.9	345.4
-47.5°	346.9	349.0	349.5	348.5	349.5	349.0	346.9	343.7	337.2	327.2	315.5
-50°	318.6	320.1	320.2	319.0	320.2	320.1	318.6	316.3	311.2	301.4	290.2
-52.5°	294.9	295.9	296.6	296.9	296.6	295.9	294.9	293.1	289.2	280.0	270.2
-55°	274.9	276.3	277.0	277.3	277.0	276.3	274.9	273.1	270.5	261.8	252.1
-57.5°	258.0	259.1	259.9	260.1	259.9	259.1	258.0	256.3	254.2	245.8	236.5
-60°	240.2	241.7	242.6	242.9	242.6	241.7	240.2	238.3	236.0	228.7	220.0
-62.5°	216.9	217.5	218.1	218.4	218.1	217.5	216.9	215.7	213.8	208.0	200.2
-65°	194.0	195.3	196.1	196.3	196.1	195.3	194.0	192.1	189.6	184.5	177.4
-67.5°	169.2	170.9	172.7	174.2	172.7	170.9	169.2	167.0	164.3	160.0	153.9
-70°	146.7	148.8	149.5	149.7	149.5	148.8	146.7	144.1	141.3	137.5	132.3
-72.5°	124.8	126.9	128.6	130.1	128.6	126.9	124.8	122.5	119.9	116.6	112.1
-75°	103.0	104.9	105.4	105.5	105.4	104.9	103.0	100.8	98.4	95.5	91.5
-77.5°	81.2	82.9	83.3	83.4	83.3	82.9	81.2	79.2	77.2	74.9	71.9
-80°	60.0	61.0	62.5	63.8	62.5	61.0	60.0	58.9	57.8	56.4	54.3
-82.5°	41.3	41.5	41.7	41.7	41.7	41.5	41.3	41.0	40.5	39.9	38.1
-85°	26.1	26.9	27.0	27.0	27.0	26.9	26.1	25.3	24.5	23.7	22.8
-87.5°	12.2	12.3	12.3	12.3	12.3	12.3	12.2	12.1	12.0	11.9	11.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627008 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-722-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°	0.6	0.5	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.7
62.5°	2.5	2.8	2.8	2.5	1.9	1.2	1.4	1.7	1.2	0.2	0.9
60°	9.2	5.9	8.3	9.1	8.0	5.8	5.9	5.5	4.5	3.6	2.4
57.5°	30.2	29.2	24.0	20.7	19.7	17.5	14.4	11.5	10.1	8.2	5.8
55°	41.7	40.0	37.1	33.2	28.7	27.4	24.9	21.4	18.0	14.0	11.3
52.5°	51.2	51.7	50.1	45.4	41.4	38.7	35.3	31.9	27.8	23.8	18.6
50°	73.3	70.5	67.8	65.1	58.9	52.8	48.5	43.8	37.9	33.4	29.0
47.5°	93.6	89.4	86.5	82.9	75.8	69.4	62.7	56.1	48.7	41.7	37.4
45°	110.9	104.8	99.4	94.9	88.8	81.5	75.4	68.2	59.7	51.6	44.1
42.5°	128.5	119.3	112.0	107.5	100.1	92.5	85.7	80.1	70.9	61.5	53.9
40°	151.9	133.6	126.8	124.9	117.9	105.9	100.2	94.0	84.2	71.9	64.3
37.5°	190.6	166.0	154.0	147.7	141.2	128.7	117.6	109.5	100.7	86.8	76.1
35°	245.2	216.4	190.2	176.6	169.0	152.0	137.3	126.2	115.7	102.6	88.7
32.5°	293.3	260.8	229.4	205.7	188.6	173.0	156.5	142.8	129.0	115.6	101.9
30°	363.4	309.0	265.8	232.3	210.4	191.0	173.6	157.0	141.4	127.2	113.5
27.5°	458.5	371.9	313.1	266.1	233.4	210.2	190.4	171.0	153.2	138.0	123.8
25°	598.5	459.9	372.1	308.6	261.2	231.5	208.8	186.5	165.7	148.3	136.4
22.5°	799.6	610.3	465.5	354.7	301.8	264.2	230.7	202.6	179.0	163.4	149.3
20°	1145.9	816.9	602.9	460.6	363.3	302.8	257.0	224.0	200.0	180.0	162.4
17.5°	1737.8	1204.1	780.6	593.1	454.6	360.7	294.7	250.9	220.5	196.6	175.6
15°	2463.1	1652.4	1091.3	764.2	557.1	408.9	330.0	277.5	241.6	214.0	188.9
12.5°	3218.5	2079.1	1348.6	894.1	630.4	460.3	367.1	307.8	262.7	226.5	197.6
10°	3874.7	2517.6	1607.9	1047.7	713.4	509.6	396.5	326.9	275.3	235.6	205.1
7.5°	4599.8	2966.1	1846.6	1160.1	781.8	549.2	416.3	339.8	285.7	243.2	211.2
5°	5136.9	3308.4	2048.5	1262.6	833.3	579.3	431.8	349.0	293.9	249.2	216.1
2.5°	5497.3	3546.7	2175.2	1333.1	865.1	602.4	444.3	357.6	300.2	255.3	221.5
0°	5609.8	3570.5	2272.4	1376.7	885.9	623.3	454.0	365.6	304.3	260.1	225.8
-2.5°	5644.1	3611.5	2262.7	1386.2	893.0	634.5	458.1	367.2	307.5	261.9	226.4
-5°	5420.0	3505.7	2211.9	1376.5	887.6	634.3	465.0	369.9	309.3	262.6	225.8
-7.5°	5026.1	3277.0	2079.1	1314.1	861.9	624.2	470.0	373.3	311.0	264.5	227.6
-10°	4427.2	2910.1	1872.7	1209.5	819.1	604.8	465.4	371.4	309.9	264.2	228.0
-12.5°	3824.6	2499.1	1605.3	1063.0	749.2	568.9	447.9	363.8	306.1	261.5	226.9
-15°	3059.5	2091.7	1407.1	962.4	686.2	530.3	425.8	351.9	299.5	256.6	224.4
-17.5°	2457.3	1696.8	1152.5	825.4	625.5	496.4	408.6	342.2	291.7	251.7	220.9
-20°	1890.3	1336.5	975.8	726.3	563.0	454.6	385.2	328.0	282.9	246.5	217.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627008 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-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°	1424.6	1082.4	809.9	624.2	504.7	422.3	361.8	312.1	272.1	239.2	213.3
-25°	1106.9	863.3	677.4	551.4	453.4	386.6	340.1	299.6	263.5	231.9	208.1
-27.5°	875.4	701.0	581.4	483.6	411.7	362.5	322.5	286.5	254.3	226.5	202.9
-30°	708.9	595.6	503.4	430.2	378.9	337.8	305.5	275.4	245.7	219.4	197.2
-32.5°	580.7	511.1	441.8	389.2	346.7	315.1	288.9	263.5	235.2	212.2	191.3
-35°	497.2	446.6	397.4	355.5	319.6	295.6	272.2	248.4	225.4	204.0	184.6
-37.5°	439.1	397.8	360.8	327.0	300.3	277.6	257.1	236.2	215.2	195.6	177.7
-40°	393.9	358.8	329.5	303.8	282.4	263.0	244.4	225.1	206.4	186.7	170.2
-42.5°	356.9	329.2	303.9	284.1	266.0	249.4	233.0	216.2	197.9	179.3	161.8
-45°	326.4	304.6	283.4	265.9	250.4	236.5	224.0	207.1	189.2	170.6	152.8
-47.5°	300.8	282.8	265.1	248.8	236.0	224.0	211.9	197.0	178.2	160.6	145.5
-50°	278.1	263.6	248.6	233.6	222.4	211.4	198.6	183.1	166.8	152.4	138.1
-52.5°	259.8	246.7	233.7	221.1	210.1	198.6	184.9	171.4	157.6	144.0	130.9
-55°	241.3	230.6	220.2	209.8	199.5	187.6	175.0	161.6	148.0	135.3	122.0
-57.5°	226.8	217.0	207.6	198.2	188.9	177.1	164.3	151.2	137.2	124.4	111.8
-60°	211.3	202.8	193.5	184.4	175.6	165.1	151.2	137.8	124.9	112.7	100.5
-62.5°	192.1	183.8	175.7	166.9	157.7	147.3	134.6	122.3	111.1	100.5	89.6
-65°	170.0	162.4	154.6	145.9	136.2	125.5	114.7	105.7	97.0	88.1	78.4
-67.5°	147.4	140.5	132.4	123.7	115.4	106.8	99.1	91.3	83.2	75.0	66.3
-70°	126.9	121.4	114.9	107.3	99.4	91.4	84.0	76.7	69.3	62.3	55.7
-72.5°	107.3	102.3	96.4	89.5	82.5	75.8	69.5	63.6	57.8	52.1	46.2
-75°	87.4	83.2	78.5	72.9	67.3	61.6	56.5	51.7	46.8	41.8	36.8
-77.5°	68.9	65.8	62.4	58.0	53.6	49.2	44.8	40.5	36.4	32.6	29.2
-80°	52.1	49.8	47.2	43.7	40.1	36.6	33.2	30.2	27.4	24.9	22.5
-82.5°	36.3	34.4	32.5	30.0	27.5	25.1	22.7	20.9	19.1	17.4	15.8
-85°	21.8	20.8	19.8	18.3	17.0	15.7	14.5	13.5	12.5	11.4	10.4
-87.5°	10.4	9.6	8.9	8.7	8.5	8.3	8.0	7.3	6.6	5.9	5.2
-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: P627008 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-722-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	0.2	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6	0.5	0.2
70°	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.3	0.9	1.1	0.8
67.5°	0.0	0.0	0.0	0.5	0.8	0.7	0.2	0.4	1.0	1.6	1.4
65°	0.8	0.6	0.0	0.7	1.2	1.6	1.2	0.8	1.1	1.7	2.1
62.5°	1.5	1.9	1.4	1.0	1.4	2.0	2.3	1.6	1.3	1.8	2.3
60°	1.6	2.2	2.5	2.0	1.8	2.1	2.5	2.3	1.8	1.9	2.4
57.5°	4.3	2.8	2.8	2.7	2.3	2.3	2.5	2.5	2.2	2.1	2.5
55°	8.0	5.9	4.2	3.3	2.8	2.5	2.6	2.5	2.5	2.3	2.5
52.5°	14.0	10.2	7.5	5.0	3.8	2.8	2.8	2.5	2.5	2.4	2.5
50°	22.2	16.0	11.7	8.4	5.2	4.1	3.2	2.9	2.5	2.5	2.5
47.5°	32.5	23.9	17.1	12.3	8.6	5.6	4.4	3.4	2.5	2.5	2.5
45°	40.1	33.3	23.8	17.2	12.2	8.4	5.9	4.0	3.1	2.6	2.5
42.5°	47.5	41.4	32.4	22.1	16.7	11.5	7.5	5.4	3.7	2.7	2.6
40°	57.1	49.4	40.6	30.1	21.7	14.7	10.2	7.0	4.5	3.2	2.8
37.5°	66.9	58.3	48.7	37.8	27.3	19.4	12.9	8.6	5.7	4.0	3.0
35°	78.0	67.6	56.7	45.2	34.0	24.3	15.6	10.6	7.2	4.9	3.3
32.5°	89.2	76.6	64.2	52.3	40.3	29.4	19.3	13.1	8.7	5.8	3.6
30°	100.0	85.4	71.1	59.1	46.2	34.8	24.0	15.9	10.2	6.8	4.1
27.5°	109.8	94.1	77.8	65.2	52.2	39.8	28.6	18.8	11.5	7.9	4.9
25°	120.1	102.9	85.5	70.7	57.8	44.9	33.0	22.0	13.6	9.1	5.7
22.5°	131.8	111.8	92.8	75.6	63.8	49.8	37.1	25.8	16.1	10.2	6.5
20°	144.3	120.7	100.2	82.5	69.3	54.9	41.3	29.2	18.6	11.2	7.2
17.5°	157.2	130.3	109.2	90.5	74.8	59.7	45.2	32.4	21.1	12.2	8.0
15°	165.9	140.0	117.2	97.9	80.3	64.1	48.9	35.2	23.6	13.1	8.8
12.5°	173.2	148.3	124.3	104.8	85.7	68.1	52.4	37.8	26.0	14.4	9.5
10°	179.7	155.4	130.5	111.1	90.9	71.8	55.6	40.1	28.2	16.0	10.2
7.5°	185.2	161.1	135.8	116.8	95.9	75.4	58.2	42.1	30.2	17.6	10.8
5°	189.9	166.1	140.3	120.5	100.5	79.3	60.5	43.8	31.9	19.2	11.4
2.5°	193.6	170.6	144.0	123.2	104.6	82.8	62.3	45.3	33.2	20.7	11.9
0°	196.3	174.2	147.2	125.2	108.0	85.9	63.8	46.6	34.4	22.1	12.3
-2.5°	198.1	174.8	150.6	127.5	110.0	88.5	66.8	48.2	35.3	23.3	13.0
-5°	198.8	174.8	153.2	129.2	111.5	90.5	69.3	49.5	36.0	24.4	13.7
-7.5°	199.9	175.6	154.5	130.6	112.5	92.1	71.2	50.5	36.6	25.3	14.3
-10°	200.4	176.4	154.9	132.4	113.3	93.2	72.5	51.1	36.9	25.9	14.8
-12.5°	199.8	176.3	154.8	133.3	113.7	93.9	73.1	52.1	37.3	26.3	15.3
-15°	198.3	175.3	154.4	133.4	113.6	94.2	73.3	52.9	38.0	26.4	15.7
-17.5°	195.8	173.3	153.8	132.6	113.2	94.0	73.1	53.4	38.4	26.2	16.0
-20°	193.4	171.4	153.0	130.8	112.3	93.5	72.5	53.3	38.4	25.9	16.4

Classified

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



REPORT NUMBER: P627008 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-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°	190.2	169.7	150.3	129.1	111.1	92.7	71.4	52.7	37.9	25.3	16.6
-25°	186.2	167.0	147.2	127.7	109.6	90.9	70.2	51.5	37.0	24.5	16.6
-27.5°	182.1	163.4	143.9	125.7	107.4	88.8	68.7	50.4	35.8	23.5	16.6
-30°	177.4	159.4	141.0	123.1	104.5	85.8	66.4	48.7	34.5	23.0	16.4
-32.5°	172.3	155.3	137.8	119.2	100.7	82.5	63.5	46.4	32.9	22.7	16.2
-35°	167.2	150.7	133.9	114.3	96.7	78.9	60.6	43.4	31.2	22.3	16.0
-37.5°	161.1	145.1	127.6	109.0	92.4	75.0	57.9	41.7	29.2	21.6	15.7
-40°	154.2	138.2	120.3	104.1	87.9	70.9	55.0	40.2	28.0	20.8	15.3
-42.5°	146.4	130.5	114.5	99.0	83.1	67.4	51.9	38.3	27.4	20.2	14.9
-45°	138.5	123.5	109.1	93.8	78.3	63.8	49.4	36.2	26.6	19.6	14.4
-47.5°	131.0	117.6	103.2	88.1	74.2	60.0	46.4	34.8	25.5	18.9	13.9
-50°	124.7	111.1	96.7	82.4	69.3	56.2	43.3	33.0	24.5	18.2	13.3
-52.5°	117.5	103.8	89.6	76.2	64.0	51.9	40.7	30.9	23.1	17.3	12.6
-55°	108.9	95.3	81.7	69.9	58.6	47.9	37.6	28.7	21.4	16.3	11.8
-57.5°	98.8	85.6	74.5	63.7	53.1	43.4	34.2	26.0	19.9	15.1	10.9
-60°	88.5	77.8	67.6	57.1	47.3	38.6	30.3	23.3	18.3	13.8	9.8
-62.5°	79.3	69.5	59.5	49.9	41.4	33.4	26.2	21.1	16.5	12.4	8.7
-65°	68.9	59.7	50.7	42.9	35.3	28.6	23.5	18.9	14.6	10.8	7.6
-67.5°	57.9	50.5	42.9	35.8	30.2	25.2	20.6	16.5	12.6	9.2	7.0
-70°	48.9	42.0	35.8	30.7	26.0	21.7	17.6	13.9	10.5	8.2	6.3
-72.5°	40.4	35.0	30.2	25.8	21.8	18.0	14.5	11.4	9.2	7.2	5.6
-75°	32.2	28.3	24.5	20.7	17.3	14.2	11.9	9.6	7.7	6.1	4.9
-77.5°	25.8	22.3	18.8	16.2	14.1	11.9	9.8	7.7	6.4	5.3	4.2
-80°	19.8	17.4	15.3	13.5	11.6	9.6	8.0	6.5	5.5	4.5	3.5
-82.5°	14.2	13.0	11.9	10.8	9.3	7.9	6.6	5.5	4.6	3.7	2.8
-85°	9.7	9.1	8.6	8.1	7.1	6.1	5.1	4.1	3.3	2.5	1.9
-87.5°	5.0	4.8	4.5	4.2	3.6	3.1	2.5	2.1	1.6	1.3	0.9
-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: P627008 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-722-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	0.1	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	0.2	0.0
77.5°	0.0	0.1	0.0	0.0	0.0	0.3	0.0
75°	0.1	0.2	0.0	0.0	0.0	0.3	0.0
72.5°	0.1	0.4	0.3	0.0	0.1	0.4	0.0
70°	0.3	0.6	0.5	0.0	0.1	0.5	0.0
67.5°	0.9	0.8	0.8	0.3	0.1	0.5	0.0
65°	1.4	1.1	1.0	0.5	0.2	0.6	0.0
62.5°	2.0	1.4	1.3	0.8	0.3	0.6	0.0
60°	2.4	1.7	1.6	1.1	0.3	0.7	0.0
57.5°	2.5	2.0	1.8	1.3	0.5	0.8	0.0
55°	2.5	2.3	1.9	1.6	0.8	0.8	0.0
52.5°	2.5	2.5	2.1	1.9	0.9	0.9	0.0
50°	2.5	2.5	2.2	2.1	1.1	1.0	0.0
47.5°	2.5	2.5	2.3	2.4	1.3	1.1	0.0
45°	2.5	2.5	2.4	2.4	1.5	1.1	0.0
42.5°	2.5	2.5	2.5	2.5	1.6	1.2	0.0
40°	2.5	2.5	2.5	2.5	1.7	1.3	0.0
37.5°	2.5	2.5	2.5	2.5	1.9	1.4	0.0
35°	2.5	2.5	2.5	2.5	2.0	1.5	0.0
32.5°	2.6	2.5	2.5	2.5	2.1	1.5	0.0
30°	2.8	2.5	2.5	2.5	2.2	1.6	0.0
27.5°	3.1	2.5	2.5	2.5	2.2	1.7	0.0
25°	3.4	2.5	2.5	2.5	2.3	1.8	0.0
22.5°	3.7	2.5	2.5	2.5	2.4	1.9	0.0
20°	4.0	2.7	2.5	2.5	2.4	1.9	0.0
17.5°	4.4	2.9	2.5	2.5	2.4	2.0	0.0
15°	4.9	3.2	2.5	2.5	2.5	2.1	0.0
12.5°	5.4	3.5	2.5	2.5	2.5	2.2	0.0
10°	5.8	3.7	2.5	2.5	2.5	2.2	0.0
7.5°	6.3	4.0	2.5	2.5	2.5	2.3	0.0
5°	6.7	4.3	2.5	2.5	2.5	2.4	0.0
2.5°	7.1	4.6	2.5	2.5	2.5	2.4	0.0
0°	7.4	4.9	2.5	2.5	2.5	2.5	0.0
-2.5°	8.0	5.2	2.7	2.5	2.5	2.5	0.0
-5°	8.6	5.4	2.9	2.5	2.5	2.5	0.0
-7.5°	9.2	5.6	3.1	2.5	2.5	2.5	0.0
-10°	9.7	5.8	3.3	2.5	2.5	2.5	0.0
-12.5°	10.1	6.0	3.4	2.5	2.5	2.4	0.0
-15°	10.4	6.1	3.6	2.5	2.5	2.4	0.0
-17.5°	10.6	6.2	3.7	2.5	2.5	2.4	0.0
-20°	10.7	6.3	3.8	2.5	2.5	2.3	0.0

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CATALOG NUMBER: GFLD-SA2E-722-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	10.9	6.4	3.8	2.5	2.5	2.3	0.0
-25°	10.9	6.5	3.8	2.5	2.5	2.3	0.0
-27.5°	10.9	6.7	3.7	2.5	2.5	2.2	0.0
-30°	10.9	6.8	3.6	2.5	2.5	2.2	0.0
-32.5°	10.7	6.8	3.6	2.5	2.5	2.1	0.0
-35°	10.7	6.8	3.6	2.5	2.5	2.0	0.0
-37.5°	10.7	6.7	3.5	2.5	2.5	2.0	0.0
-40°	10.5	6.6	3.4	2.5	2.5	1.9	0.0
-42.5°	10.3	6.4	3.4	2.5	2.5	1.8	0.0
-45°	10.0	6.2	3.4	2.6	2.5	1.8	0.0
-47.5°	9.6	5.9	3.5	2.6	2.5	1.7	0.0
-50°	9.1	5.5	3.5	2.7	2.5	1.6	0.0
-52.5°	8.5	5.0	3.5	2.7	2.5	1.5	0.0
-55°	7.9	4.9	3.5	2.7	2.5	1.4	0.0
-57.5°	7.1	4.8	3.5	2.7	2.5	1.3	0.0
-60°	6.4	4.6	3.4	2.7	2.5	1.2	0.0
-62.5°	6.1	4.4	3.3	2.7	2.3	1.2	0.0
-65°	5.7	4.2	3.2	2.6	2.1	1.1	0.0
-67.5°	5.2	3.9	3.0	2.6	1.9	1.0	0.0
-70°	4.8	3.6	2.9	2.5	1.7	0.9	0.0
-72.5°	4.3	3.3	2.7	2.2	1.5	0.8	0.0
-75°	3.7	3.0	2.5	1.9	1.3	0.6	0.0
-77.5°	3.2	2.6	2.2	1.6	1.1	0.5	0.0
-80°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
-82.5°	1.9	1.6	1.3	1.0	0.7	0.3	0.0
-85°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
-87.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)