

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



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P627018 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2E-727-U-NR-VSR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627018 (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: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2E-727-U-NR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (32) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12985.3 lumens
Efficiency: N/A
Efficacy: 103.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 3H x 3V
Max Intensity: 131627.7 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V
Beam Lumens: 4145.5 lumens
Beam Efficiency: 31.9%

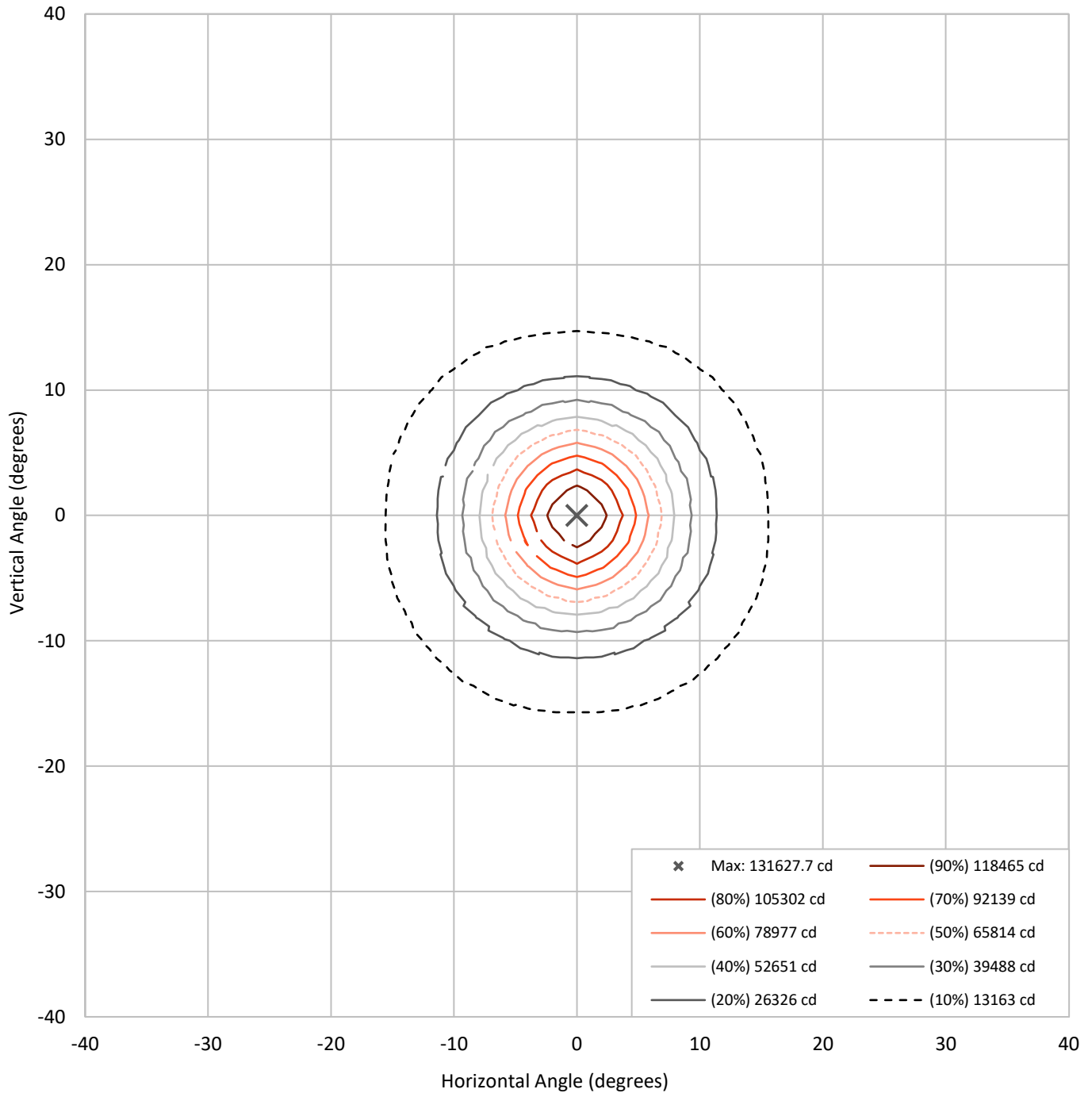
Field Angle (10%): 30.9°H x 30.2°V
Field Lumens: 9233.4 lumens
Field Efficiency: 71.1%

Input Watts (W): 125.71
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





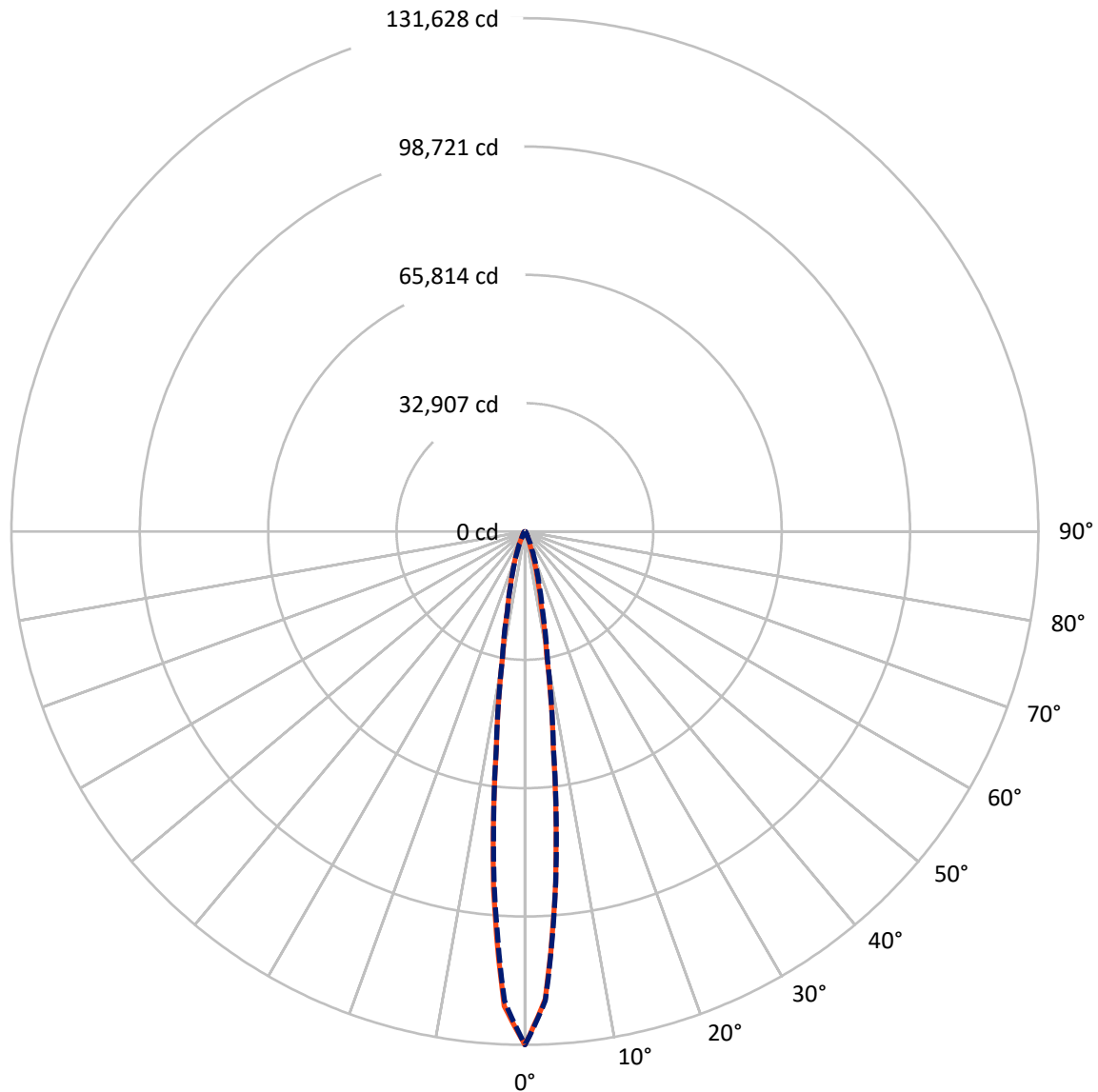
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Lumen Table

90																			
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	0.0	
70																			
60	0.0	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	0.0			
50		0.0	0.1	0.3	0.7	1.2	1.5	1.8	1.8	1.5	1.2	0.7	0.3	0.1	0.0				
40	0.1	0.1	0.4	1.1	2.1	3.1	4.4	5.2	5.2	4.4	3.1	2.1	1.1	0.4	0.1	0.1			
30		0.2	0.9	2.2	3.9	6.2	10.6	13.4	13.4	10.6	6.2	3.9	2.2	0.9	0.2				
20	0.1	0.4	1.4	3.3	6.1	13.2	35.3	58.4	58.4	35.3	13.2	6.1	3.3	1.4	0.4	0.1			
10		0.6	2.0	4.6	10.0	39.5	166.5	365.9	365.9	166.5	39.5	10.0	4.6	2.0	0.6				
0	0.2	0.7	2.4	5.4	13.6	74.1	398.9	1788.8	1788.8	398.9	74.1	13.6	5.4	2.4	0.7	0.2			
-10		0.8	2.6	5.7	14.7	79.0	412.9	1819.2	1819.2	412.9	79.0	14.7	5.7	2.6	0.8				
-20	0.2	0.8	2.7	5.6	12.9	50.3	200.4	428.7	428.7	200.4	50.3	12.9	5.6	2.7	0.8	0.2			
-30		0.8	2.6	5.2	9.9	23.5	61.7	102.9	102.9	61.7	23.5	9.9	5.2	2.6	0.8				
-40	0.2	0.7	2.3	4.6	7.8	12.9	21.0	26.7	26.7	21.0	12.9	7.8	4.6	2.3	0.7	0.2			
-50		0.6	1.9	3.8	6.3	9.0	12.1	13.5	13.5	12.1	9.0	6.3	3.8	1.9	0.6				
-60	0.2	0.4	1.4	3.0	4.9	6.9	8.7	9.6	9.6	8.7	6.9	4.9	3.0	1.4	0.4	0.2			
-70		0.3	0.9	1.9	3.3	4.8	6.1	6.7	6.7	6.1	4.8	3.3	1.9	0.9	0.3				
-80	0.1	0.8	3.3	7.2	9.1	7.2	3.3	0.8	0.1										
-90																			
	-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

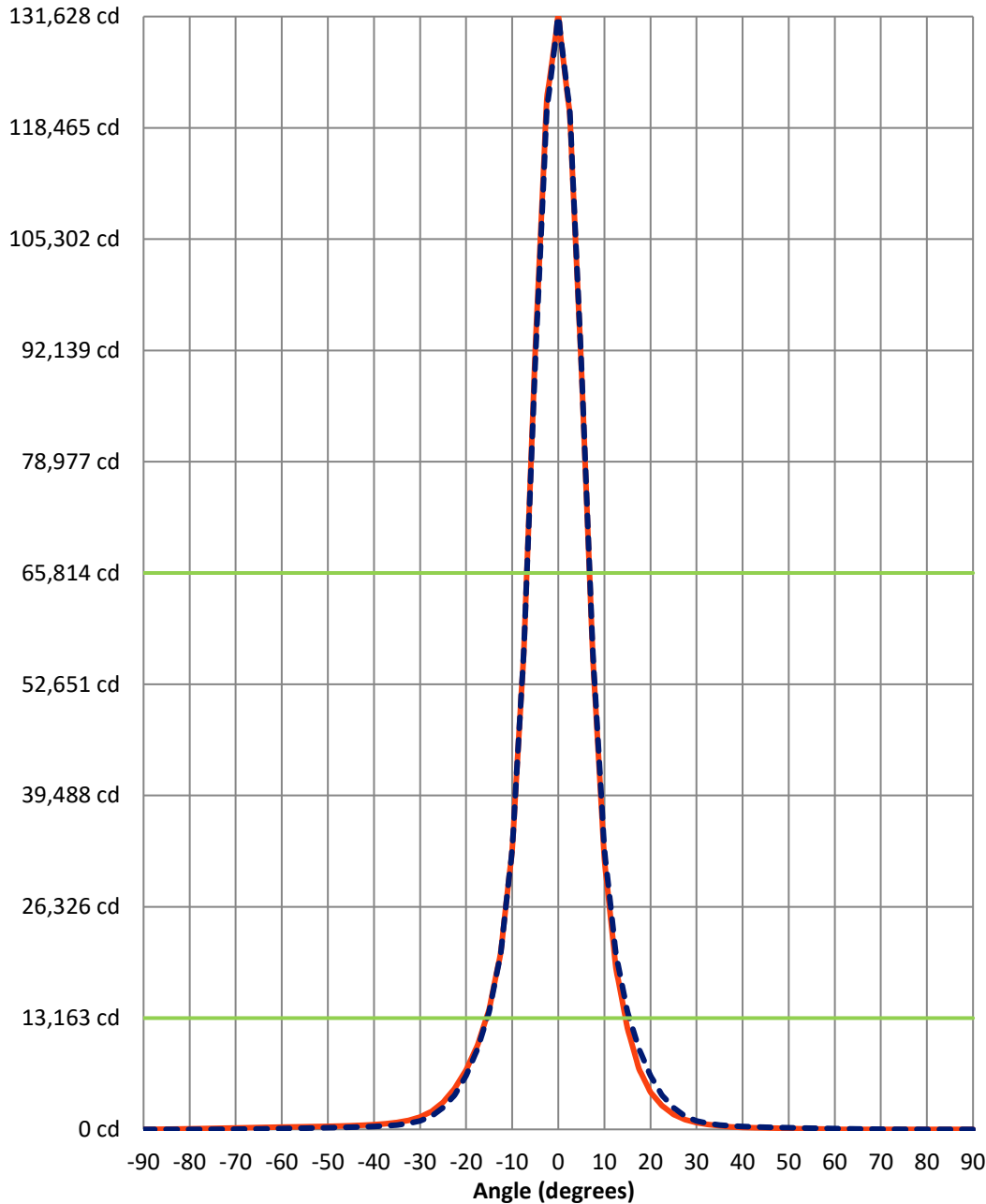


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 4145.5
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 9233.4
 Efficiency: 71.1%

Spill:
 Lumens: 3751.9
 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	0.4	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	0.6	0.6	0.3
70°	0.0	0.5	0.1	0.1	0.6	0.6	0.3	0.9	1.2	1.0	0.4
67.5°	0.0	0.6	0.2	0.3	0.8	0.9	1.0	1.6	1.8	1.1	0.5
65°	0.0	0.6	0.2	0.6	1.1	1.2	1.6	2.3	1.9	1.2	0.8
62.5°	0.0	0.7	0.3	0.9	1.4	1.6	2.2	2.6	2.0	1.5	1.8
60°	0.0	0.8	0.4	1.2	1.8	2.0	2.7	2.7	2.1	2.0	2.6
57.5°	0.0	0.9	0.6	1.5	2.0	2.3	2.8	2.8	2.4	2.5	2.8
55°	0.0	0.9	0.8	1.8	2.2	2.6	2.8	2.8	2.6	2.8	2.8
52.5°	0.0	1.0	1.1	2.1	2.3	2.8	2.8	2.8	2.7	2.8	2.8
50°	0.0	1.1	1.3	2.4	2.5	2.8	2.8	2.8	2.8	2.8	3.3
47.5°	0.0	1.2	1.5	2.7	2.6	2.8	2.8	2.8	2.8	2.8	3.9
45°	0.0	1.3	1.6	2.7	2.7	2.8	2.8	2.8	2.9	3.5	4.6
42.5°	0.0	1.4	1.8	2.8	2.8	2.8	2.8	2.9	3.1	4.3	6.2
40°	0.0	1.5	2.0	2.8	2.8	2.8	2.8	3.1	3.6	5.1	7.9
37.5°	0.0	1.5	2.1	2.8	2.8	2.8	2.8	3.4	4.5	6.4	9.8
35°	0.0	1.6	2.2	2.8	2.8	2.8	2.8	3.7	5.6	8.2	12.0
32.5°	0.0	1.7	2.3	2.8	2.8	2.8	2.9	4.1	6.6	9.9	14.9
30°	0.0	1.8	2.4	2.8	2.8	2.8	3.2	4.7	7.7	11.5	18.0
27.5°	0.0	1.9	2.5	2.8	2.8	2.8	3.5	5.5	9.0	13.1	21.4
25°	0.0	2.0	2.6	2.8	2.8	2.8	3.8	6.4	10.3	15.4	25.0
22.5°	0.0	2.1	2.6	2.8	2.8	2.9	4.2	7.3	11.5	18.2	29.3
20°	0.0	2.2	2.7	2.8	2.8	3.1	4.5	8.2	12.7	21.1	33.2
17.5°	0.0	2.3	2.7	2.8	2.8	3.3	5.0	9.1	13.9	23.9	36.8
15°	0.0	2.4	2.8	2.8	2.8	3.6	5.6	9.9	14.9	26.8	40.0
12.5°	0.0	2.4	2.8	2.8	2.8	3.9	6.1	10.8	16.3	29.5	43.0
10°	0.0	2.5	2.8	2.8	2.8	4.2	6.6	11.5	18.1	32.1	45.5
7.5°	0.0	2.6	2.8	2.8	2.8	4.6	7.1	12.2	19.9	34.3	47.8
5°	0.0	2.7	2.8	2.8	2.8	4.9	7.6	12.9	21.8	36.1	49.8
2.5°	0.0	2.7	2.8	2.8	2.8	5.3	8.0	13.4	23.5	37.7	51.5
0°	0.0	2.8	2.8	2.8	2.8	5.6	8.4	13.9	25.1	39.0	52.9
-2.5°	0.0	2.8	2.8	2.8	3.0	5.9	9.1	14.7	26.5	40.0	54.7
-5°	0.0	2.8	2.8	2.8	3.3	6.2	9.8	15.5	27.7	40.9	56.2
-7.5°	0.0	2.8	2.8	2.8	3.5	6.4	10.4	16.2	28.7	41.5	57.3
-10°	0.0	2.8	2.8	2.8	3.7	6.6	10.9	16.8	29.4	41.9	58.0
-12.5°	0.0	2.7	2.8	2.8	3.9	6.8	11.4	17.3	29.9	42.3	59.1
-15°	0.0	2.7	2.8	2.8	4.1	7.0	11.7	17.8	30.0	43.2	60.1
-17.5°	0.0	2.7	2.8	2.8	4.2	7.1	12.0	18.2	29.8	43.6	60.6
-20°	0.0	2.6	2.8	2.8	4.3	7.2	12.1	18.5	29.4	43.6	60.5

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.6	2.8	2.8	4.3	7.2	12.3	18.8	28.7	43.1	59.8
-25°	0.0	2.5	2.8	2.8	4.3	7.4	12.4	18.9	27.8	42.1	58.5
-27.5°	0.0	2.5	2.8	2.8	4.2	7.6	12.4	18.8	26.7	40.7	57.2
-30°	0.0	2.4	2.8	2.8	4.1	7.7	12.3	18.6	26.1	39.2	55.3
-32.5°	0.0	2.4	2.8	2.8	4.1	7.8	12.2	18.4	25.8	37.4	52.7
-35°	0.0	2.3	2.8	2.8	4.0	7.8	12.1	18.1	25.3	35.4	49.3
-37.5°	0.0	2.2	2.8	2.8	4.0	7.7	12.1	17.8	24.6	33.2	47.4
-40°	0.0	2.1	2.8	2.8	3.8	7.5	11.9	17.4	23.6	31.8	45.7
-42.5°	0.0	2.1	2.8	2.8	3.8	7.3	11.7	16.9	22.9	31.1	43.5
-45°	0.0	2.0	2.8	2.9	3.9	7.0	11.3	16.4	22.2	30.2	41.1
-47.5°	0.0	1.9	2.8	3.0	3.9	6.6	10.9	15.8	21.5	28.9	39.5
-50°	0.0	1.8	2.8	3.0	4.0	6.2	10.3	15.1	20.6	27.8	37.5
-52.5°	0.0	1.7	2.8	3.0	4.0	5.7	9.7	14.3	19.6	26.3	35.1
-55°	0.0	1.6	2.8	3.0	4.0	5.5	8.9	13.3	18.4	24.3	32.5
-57.5°	0.0	1.5	2.8	3.0	3.9	5.4	8.1	12.3	17.1	22.5	29.4
-60°	0.0	1.4	2.8	3.0	3.8	5.2	7.3	11.1	15.6	20.7	26.4
-62.5°	0.0	1.3	2.6	3.0	3.7	5.0	6.9	9.8	14.0	18.7	24.0
-65°	0.0	1.2	2.4	2.9	3.6	4.8	6.5	8.7	12.3	16.6	21.4
-67.5°	0.0	1.1	2.1	2.9	3.4	4.5	6.0	8.0	10.4	14.3	18.7
-70°	0.0	1.0	1.9	2.8	3.2	4.1	5.4	7.2	9.3	11.9	15.8
-72.5°	0.0	0.8	1.7	2.5	3.1	3.8	4.9	6.3	8.2	10.4	12.9
-75°	0.0	0.7	1.4	2.2	2.8	3.4	4.2	5.5	6.9	8.8	10.9
-77.5°	0.0	0.6	1.2	1.8	2.4	2.9	3.6	4.8	6.0	7.3	8.8
-80°	0.0	0.5	1.0	1.5	1.9	2.4	2.9	4.0	5.1	6.3	7.4
-82.5°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	3.1	4.2	5.3	6.3
-85°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	2.1	2.9	3.7	4.7
-87.5°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	1.1	1.4	1.9	2.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.2	0.8	0.9	0.6	0.0	0.0	0.0	0.2	0.0	0.0	0.0
65°	1.4	1.8	1.4	0.7	0.1	0.7	0.9	0.8	0.1	0.0	0.0
62.5°	2.6	2.2	1.5	1.2	1.6	2.1	1.7	1.0	0.3	1.3	2.0
60°	2.8	2.4	2.0	2.2	2.8	2.5	1.8	2.7	4.1	5.2	6.2
57.5°	2.8	2.6	2.5	3.0	3.2	3.2	4.9	6.6	9.3	11.5	13.0
55°	2.9	2.8	3.2	3.8	4.7	6.7	9.1	12.8	15.8	20.4	24.3
52.5°	3.2	3.2	4.3	5.7	8.4	11.5	15.8	21.1	27.1	31.6	36.3
50°	3.6	4.7	6.0	9.6	13.3	18.1	25.2	32.9	37.9	43.0	49.8
47.5°	5.0	6.3	9.8	14.0	19.4	27.1	36.9	42.4	47.4	55.3	63.7
45°	6.7	9.5	13.8	19.5	27.0	37.8	45.5	50.1	58.6	67.8	77.4
42.5°	8.5	13.1	18.9	25.1	36.8	47.0	54.0	61.2	69.8	80.5	91.0
40°	11.6	16.6	24.6	34.2	46.1	56.1	64.8	73.1	81.6	95.6	106.7
37.5°	14.7	22.0	31.0	42.9	55.3	66.2	76.0	86.4	98.5	114.3	124.3
35°	17.7	27.6	38.6	51.3	64.4	76.8	88.5	100.6	116.4	131.3	143.3
32.5°	21.9	33.4	45.7	59.4	73.0	87.0	101.2	115.7	131.2	146.5	162.2
30°	27.2	39.5	52.5	67.2	80.8	97.0	113.5	128.8	144.5	160.5	178.2
27.5°	32.5	45.2	59.3	74.1	88.4	106.8	124.7	140.7	156.7	174.0	194.2
25°	37.4	50.9	65.6	80.3	97.1	116.8	136.3	154.9	168.4	188.1	211.7
22.5°	42.2	56.6	72.4	85.8	105.4	126.9	149.6	169.5	185.6	203.2	230.0
20°	46.9	62.4	78.7	93.7	113.8	137.0	163.9	184.4	204.3	227.0	254.4
17.5°	51.3	67.8	84.9	102.7	123.9	147.9	178.4	199.4	223.2	250.4	284.8
15°	55.6	72.8	91.1	111.2	133.1	158.9	188.4	214.5	243.0	274.3	315.0
12.5°	59.5	77.3	97.3	119.0	141.1	168.4	196.7	224.4	257.2	298.3	349.4
10°	63.1	81.5	103.2	126.1	148.2	176.4	204.0	232.9	267.5	312.6	371.2
7.5°	66.1	85.6	108.8	132.6	154.2	183.0	210.3	239.8	276.1	324.4	385.8
5°	68.7	90.0	114.1	136.8	159.2	188.6	215.6	245.4	282.9	333.6	396.2
2.5°	70.7	94.0	118.7	139.8	163.6	193.8	219.8	251.5	289.8	340.8	406.0
0°	72.4	97.5	122.6	142.1	167.2	197.8	222.9	256.3	295.3	345.5	415.1
-2.5°	75.8	100.4	124.9	144.7	171.0	198.5	224.9	257.0	297.4	349.1	416.8
-5°	78.7	102.8	126.6	146.8	173.9	198.4	225.8	256.4	298.1	351.1	419.9
-7.5°	80.9	104.6	127.7	148.4	175.4	199.3	227.1	258.4	300.3	353.1	423.8
-10°	82.3	105.9	128.6	150.3	175.8	200.3	227.5	258.9	299.9	351.9	421.7
-12.5°	83.0	106.6	129.1	151.4	175.7	200.2	226.9	257.7	296.9	347.5	413.0
-15°	83.2	106.9	129.0	151.5	175.3	199.0	225.1	254.8	291.3	340.0	399.5
-17.5°	83.0	106.7	128.5	150.6	174.6	196.7	222.3	250.8	285.7	331.2	388.5
-20°	82.3	106.1	127.5	148.6	173.7	194.6	219.5	247.1	279.9	321.1	372.4

Classified

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

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REPORT NUMBER: P627018 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-727-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°	81.1	105.1	126.1	146.6	170.6	192.6	215.9	242.2	271.6	308.9	354.4
-25°	79.8	103.2	124.4	145.0	167.1	189.6	211.3	236.3	263.4	299.2	340.2
-27.5°	78.0	100.8	121.9	142.8	163.4	185.5	206.8	230.3	257.1	288.8	325.4
-30°	75.4	97.4	118.5	139.8	160.1	180.9	201.4	223.9	249.2	279.0	312.8
-32.5°	72.2	93.7	114.3	135.3	156.5	176.3	195.6	217.2	240.9	267.1	299.2
-35°	68.9	89.6	109.7	129.7	152.0	171.1	189.7	209.5	231.6	255.9	282.1
-37.5°	65.8	85.2	104.9	123.7	144.8	164.7	182.9	201.7	222.1	244.4	268.2
-40°	62.4	80.5	99.7	118.1	136.6	156.9	175.0	193.2	212.0	234.4	255.6
-42.5°	59.0	76.5	94.3	112.3	130.0	148.2	166.2	183.6	203.5	224.7	245.5
-45°	56.1	72.4	88.9	106.4	123.8	140.2	157.2	173.4	193.6	214.8	235.2
-47.5°	52.7	68.1	84.1	100.0	117.1	133.5	148.7	165.2	182.4	202.3	223.7
-50°	49.2	63.8	78.6	93.6	109.8	126.2	141.6	156.8	173.0	189.4	207.8
-52.5°	46.2	59.0	72.7	86.4	101.7	117.8	133.4	148.6	163.5	178.9	194.6
-55°	42.7	54.4	66.5	79.3	92.8	108.1	123.6	138.5	153.7	168.1	183.5
-57.5°	38.8	49.3	60.3	72.4	84.6	97.2	112.2	126.9	141.3	155.8	171.7
-60°	34.3	43.8	53.8	64.9	76.8	88.3	100.4	114.1	127.9	141.8	156.4
-62.5°	29.7	37.9	47.0	56.7	67.6	78.9	90.0	101.7	114.1	126.1	138.8
-65°	26.7	32.4	40.0	48.7	57.6	67.8	78.3	89.0	100.0	110.2	119.9
-67.5°	23.5	28.6	34.2	40.6	48.8	57.3	65.7	75.3	85.1	94.5	103.7
-70°	20.0	24.6	29.6	34.9	40.7	47.7	55.5	63.2	70.7	78.6	87.1
-72.5°	16.4	20.4	24.7	29.3	34.2	39.7	45.8	52.4	59.1	65.6	72.2
-75°	13.4	16.1	19.6	23.5	27.7	32.1	36.5	41.7	47.4	53.1	58.7
-77.5°	11.1	13.5	15.9	18.3	21.4	25.3	29.3	33.1	37.1	41.4	46.0
-80°	9.0	10.9	13.1	15.3	17.4	19.8	22.5	25.6	28.4	31.2	34.3
-82.5°	7.6	9.0	10.5	12.2	13.4	14.7	16.2	17.9	19.8	21.7	23.7
-85°	5.8	7.0	8.0	9.2	9.7	10.4	11.1	11.8	13.0	14.2	15.3
-87.5°	2.9	3.5	4.1	4.8	5.1	5.4	5.7	5.9	6.7	7.5	8.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627018 (CONVERTED FROM TYPE C PHOTOMETRY)
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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	0.5	0.7	0.6	0.3	0.0	0.0
62.5°	1.6	1.4	2.2	2.9	3.2	3.1	2.8	2.5	2.2	2.0	2.3
60°	6.7	6.6	9.2	10.4	9.5	6.7	10.5	12.4	11.9	10.2	10.1
57.5°	16.4	19.9	22.4	23.5	27.2	33.2	34.3	32.3	31.6	32.3	37.3
55°	28.4	31.2	32.6	37.7	42.2	45.5	47.4	49.3	52.2	55.6	59.3
52.5°	40.1	44.0	47.0	51.5	56.9	58.7	58.2	65.1	70.5	73.9	75.3
50°	55.1	59.9	66.8	73.9	77.0	80.0	83.2	88.8	97.1	107.3	113.2
47.5°	71.2	78.8	86.1	94.2	98.3	101.5	106.2	116.0	127.8	138.8	144.6
45°	85.7	92.5	100.8	107.8	112.8	119.0	125.8	134.7	147.9	159.5	167.4
42.5°	97.3	105.0	113.6	122.0	127.1	135.5	145.9	158.0	171.8	183.8	192.7
40°	113.7	120.2	133.8	141.9	143.9	151.7	172.5	189.0	204.6	219.4	226.8
37.5°	133.4	146.2	160.3	167.6	174.8	188.4	216.3	243.1	262.9	283.0	293.9
35°	155.9	172.6	191.9	200.5	215.9	245.7	278.5	315.7	362.1	381.4	399.1
32.5°	177.7	196.4	214.1	233.5	260.4	296.1	332.9	393.3	449.7	493.3	525.2
30°	197.0	216.8	238.9	263.8	301.7	350.8	412.5	490.6	570.0	639.4	698.0
27.5°	216.1	238.7	264.9	302.0	355.4	422.1	520.6	632.0	764.6	862.3	978.9
25°	237.1	262.9	296.5	350.4	422.4	522.2	679.5	860.4	1077.8	1254.1	1438.6
22.5°	261.9	299.9	342.6	402.7	528.5	692.9	907.9	1217.0	1551.4	1860.7	2158.4
20°	291.9	343.8	412.4	522.9	684.5	927.5	1301.0	1794.4	2286.2	2810.1	3314.4
17.5°	334.6	409.6	516.1	673.4	886.3	1367.0	1973.0	2736.1	3716.5	4604.9	5380.6
15°	374.7	464.3	632.5	867.6	1239.0	1876.1	2796.5	4056.1	5584.0	6976.4	8447.1
12.5°	416.8	522.5	715.7	1015.1	1531.2	2360.5	3654.1	5379.9	7293.1	9391.7	11782.1
10°	450.1	578.5	809.8	1189.5	1825.5	2858.4	4399.2	6492.2	9034.5	12140.3	15961.6
7.5°	472.6	623.4	887.6	1317.1	2096.5	3367.5	5222.3	7738.0	10916.4	15031.0	20378.0
5°	490.2	657.7	946.1	1433.5	2325.8	3756.1	5832.2	8829.1	12588.9	18101.7	27163.4
2.5°	504.4	684.0	982.3	1513.6	2469.7	4026.8	6241.3	9446.3	13584.5	20372.0	32128.2
0°	515.4	707.7	1005.8	1563.0	2580.0	4053.8	6369.1	9559.2	13941.8	20781.7	33196.7
-2.5°	520.1	720.4	1013.9	1573.8	2568.9	4100.3	6408.1	9649.4	13928.3	20557.2	32003.3
-5°	528.0	720.2	1007.8	1562.8	2511.3	3980.2	6153.6	9144.5	13088.0	18789.1	28166.8
-7.5°	533.6	708.7	978.6	1491.9	2360.6	3720.5	5706.4	8308.0	11558.7	15887.4	21695.3
-10°	528.4	686.6	930.0	1373.2	2126.2	3303.9	5026.4	7203.7	9905.4	13113.3	17059.3
-12.5°	508.6	645.9	850.6	1206.8	1822.6	2837.3	4342.3	6196.1	8195.7	10448.6	13175.4
-15°	483.4	602.1	779.1	1092.7	1597.5	2374.8	3473.6	4977.4	6581.5	8292.0	10116.1
-17.5°	463.9	563.6	710.1	937.1	1308.5	1926.5	2789.9	3858.3	5037.1	6339.4	7420.3
-20°	437.3	516.1	639.1	824.5	1107.9	1517.3	2146.2	2922.3	3700.2	4615.8	5362.6

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Scaled Data Report



REPORT NUMBER: P627018 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-727-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°	410.8	479.4	573.0	708.7	919.5	1228.9	1617.4	2135.6	2704.4	3230.0	3747.4
-25°	386.2	439.0	514.7	626.0	769.0	980.2	1256.7	1554.0	1928.9	2248.9	2603.9
-27.5°	366.2	411.6	467.5	549.1	660.0	795.8	993.9	1193.1	1390.3	1551.7	1796.2
-30°	346.9	383.5	430.2	488.4	571.6	676.2	804.7	934.0	1047.8	1151.6	1278.9
-32.5°	328.0	357.8	393.6	441.9	501.6	580.2	659.2	751.9	831.0	904.0	971.5
-35°	309.1	335.5	362.8	403.6	451.2	507.0	564.5	627.2	682.0	731.2	774.6
-37.5°	292.0	315.2	340.9	371.2	409.5	451.6	498.5	544.1	580.2	612.2	638.6
-40°	277.5	298.6	320.6	344.9	374.1	407.3	447.1	485.1	510.4	529.9	545.9
-42.5°	264.7	283.2	301.9	322.6	345.0	373.7	405.1	436.5	453.7	468.8	480.4
-45°	254.3	268.6	284.3	301.9	321.7	345.8	370.5	392.2	407.5	420.5	430.1
-47.5°	240.6	254.4	268.0	282.5	301.0	321.0	341.5	358.1	371.5	382.8	390.2
-50°	225.5	240.0	252.5	265.3	282.3	299.3	315.7	329.5	342.2	353.3	359.1
-52.5°	209.9	225.5	238.6	251.0	265.3	280.1	294.9	306.7	317.9	328.3	332.7
-55°	198.6	213.0	226.6	238.3	250.0	261.9	274.0	286.2	297.2	307.1	310.1
-57.5°	186.5	201.1	214.4	225.0	235.7	246.4	257.5	268.5	279.1	288.6	291.0
-60°	171.7	187.5	199.4	209.3	219.6	230.2	239.9	249.7	259.6	267.9	270.6
-62.5°	152.9	167.3	179.0	189.5	199.5	208.7	218.1	227.3	236.2	242.7	244.9
-65°	130.3	142.5	154.6	165.6	175.4	184.3	193.0	201.4	209.5	215.2	218.1
-67.5°	112.5	121.3	131.0	140.5	150.4	159.5	167.3	174.7	181.6	186.5	189.5
-70°	95.4	103.8	112.9	121.9	130.5	137.9	144.1	150.2	156.1	160.4	163.7
-72.5°	78.9	86.0	93.7	101.6	109.4	116.1	121.9	127.3	132.4	136.1	139.1
-75°	64.1	70.0	76.4	82.8	89.1	94.5	99.3	103.9	108.4	111.7	114.5
-77.5°	50.9	55.8	60.8	65.9	70.9	74.7	78.3	81.7	85.1	87.7	90.0
-80°	37.7	41.6	45.6	49.6	53.6	56.5	59.2	61.7	64.1	65.6	67.0
-82.5°	25.7	28.5	31.3	34.1	36.9	39.1	41.2	43.3	45.3	46.1	46.6
-85°	16.4	17.8	19.3	20.8	22.4	23.6	24.8	25.9	26.9	27.9	28.8
-87.5°	9.1	9.4	9.6	9.8	10.1	10.9	11.7	12.6	13.4	13.6	13.7
-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):

	-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	0.6
62.5°	2.5	2.7	2.8	2.8	2.8	2.7	2.5	2.3	2.0	2.2	2.5
60°	9.5	8.5	8.3	8.4	8.3	8.5	9.5	10.1	10.2	11.9	12.4
57.5°	42.4	47.2	48.5	47.4	48.5	47.2	42.4	37.3	32.3	31.6	32.3
55°	61.7	63.2	63.9	64.1	63.9	63.2	61.7	59.3	55.6	52.2	49.3
52.5°	75.6	75.1	75.0	75.2	75.0	75.1	75.6	75.3	73.9	70.5	65.1
50°	113.6	111.6	110.7	111.4	110.7	111.6	113.6	113.2	107.3	97.1	88.8
47.5°	145.3	146.0	147.0	147.7	147.0	146.0	145.3	144.6	138.8	127.8	116.0
45°	169.7	171.1	172.2	172.7	172.2	171.1	169.7	167.4	159.5	147.9	134.7
42.5°	194.6	194.8	194.5	195.0	194.5	194.8	194.6	192.7	183.8	171.8	158.0
40°	229.7	230.4	229.7	228.5	229.7	230.4	229.7	226.8	219.4	204.6	189.0
37.5°	300.3	301.3	297.9	295.3	297.9	301.3	300.3	293.9	283.0	262.9	243.1
35°	415.2	427.1	432.8	434.6	432.8	427.1	415.2	399.1	381.4	362.1	315.7
32.5°	547.3	563.8	572.1	579.5	572.1	563.8	547.3	525.2	493.3	449.7	393.3
30°	736.5	767.1	780.5	799.6	780.5	767.1	736.5	698.0	639.4	570.0	490.6
27.5°	1045.2	1098.9	1128.6	1156.2	1128.6	1098.9	1045.2	978.9	862.3	764.6	632.0
25°	1572.7	1676.2	1743.2	1774.8	1743.2	1676.2	1572.7	1438.6	1254.1	1077.8	860.4
22.5°	2446.6	2637.3	2784.5	2814.0	2784.5	2637.3	2446.6	2158.4	1860.7	1551.4	1217.0
20°	3803.6	4076.5	4298.6	4410.4	4298.6	4076.5	3803.6	3314.4	2810.1	2286.2	1794.4
17.5°	6304.5	6872.3	7131.7	7174.3	7131.7	6872.3	6304.5	5380.6	4604.9	3716.5	2736.1
15°	10025.3	10986.0	11596.0	11988.7	11596.0	10986.0	10025.3	8447.1	6976.4	5584.0	4056.1
12.5°	14270.5	17000.5	18554.0	19146.3	18554.0	17000.5	14270.5	11782.1	9391.7	7293.1	5379.9
10°	20032.2	26459.2	30166.6	32032.1	30166.6	26459.2	20032.2	15961.6	12140.3	9034.5	6492.2
7.5°	29811.2	39737.7	50735.9	55824.2	50735.9	39737.7	29811.2	20378.0	15031.0	10916.4	7738.0
5°	40091.3	61885.9	81015.3	90175.7	81015.3	61885.9	40091.3	27163.4	18101.7	12588.9	8829.1
2.5°	51906.6	81298.8	108474.2	119900.9	108474.2	81298.8	51906.6	32128.2	20372.0	13584.5	9446.3
0°	56453.9	90691.2	120412.1	131627.7	120412.1	90691.2	56453.9	33196.7	20781.7	13941.8	9559.2
-2.5°	52609.5	82722.7	108941.1	121756.4	108941.1	82722.7	52609.5	32003.3	20557.2	13928.3	9649.4
-5°	41801.0	62227.0	81644.3	92087.0	81644.3	62227.0	41801.0	28166.8	18789.1	13088.0	9144.5
-7.5°	30679.3	41799.0	52582.7	56353.6	52582.7	41799.0	30679.3	21695.3	15887.4	11558.7	8308.0
-10°	21359.6	27727.1	31930.3	33129.8	31930.3	27727.1	21359.6	17059.3	13113.3	9905.4	7203.7
-12.5°	15835.9	18621.1	20559.0	20895.9	20559.0	18621.1	15835.9	13175.4	10448.6	8195.7	6196.1
-15°	11726.1	13142.5	14142.0	14209.2	14142.0	13142.5	11726.1	10116.1	8292.0	6581.5	4977.4
-17.5°	8571.9	9522.6	10027.0	9991.0	10027.0	9522.6	8571.9	7420.3	6339.4	5037.1	3858.3
-20°	6129.4	6702.4	7108.9	7029.4	7108.9	6702.4	6129.4	5362.6	4615.8	3700.2	2922.3



REPORT NUMBER: P627018 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-727-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°	4273.8	4654.2	4892.4	4831.1	4892.4	4654.2	4273.8	3747.4	3230.0	2704.4	2135.6
-25°	2904.0	3111.3	3229.2	3209.6	3229.2	3111.3	2904.0	2603.9	2248.9	1928.9	1554.0
-27.5°	1978.9	2088.4	2124.9	2123.0	2124.9	2088.4	1978.9	1796.2	1551.7	1390.3	1193.1
-30°	1373.5	1447.1	1489.2	1462.7	1489.2	1447.1	1373.5	1278.9	1151.6	1047.8	934.0
-32.5°	1023.7	1065.2	1089.2	1064.3	1089.2	1065.2	1023.7	971.5	904.0	831.0	751.9
-35°	806.8	827.8	836.2	821.9	836.2	827.8	806.8	774.6	731.2	682.0	627.2
-37.5°	657.8	670.1	674.2	665.9	674.2	670.1	657.8	638.6	612.2	580.2	544.1
-40°	557.3	564.9	566.8	560.0	566.8	564.9	557.3	545.9	529.9	510.4	485.1
-42.5°	487.7	492.1	493.2	490.4	493.2	492.1	487.7	480.4	468.8	453.7	436.5
-45°	435.8	439.7	440.4	437.4	440.4	439.7	435.8	430.1	420.5	407.5	392.2
-47.5°	393.9	396.2	396.8	395.6	396.8	396.2	393.9	390.2	382.8	371.5	358.1
-50°	361.8	363.4	363.5	362.2	363.5	363.4	361.8	359.1	353.3	342.2	329.5
-52.5°	334.8	335.9	336.7	337.1	336.7	335.9	334.8	332.7	328.3	317.9	306.7
-55°	312.1	313.6	314.5	314.8	314.5	313.6	312.1	310.1	307.1	297.2	286.2
-57.5°	292.9	294.2	295.0	295.3	295.0	294.2	292.9	291.0	288.6	279.1	268.5
-60°	272.8	274.4	275.4	275.8	275.4	274.4	272.8	270.6	267.9	259.6	249.7
-62.5°	246.3	247.0	247.7	248.0	247.7	247.0	246.3	244.9	242.7	236.2	227.3
-65°	220.3	221.8	222.6	222.9	222.6	221.8	220.3	218.1	215.2	209.5	201.4
-67.5°	192.0	194.0	196.0	197.8	196.0	194.0	192.0	189.5	186.5	181.6	174.7
-70°	166.5	169.0	169.8	170.0	169.8	169.0	166.5	163.7	160.4	156.1	150.2
-72.5°	141.7	144.1	146.1	147.7	146.1	144.1	141.7	139.1	136.1	132.4	127.3
-75°	116.9	119.1	119.7	119.8	119.7	119.1	116.9	114.5	111.7	108.4	103.9
-77.5°	92.2	94.2	94.6	94.7	94.6	94.2	92.2	90.0	87.7	85.1	81.7
-80°	68.2	69.3	70.9	72.4	70.9	69.3	68.2	67.0	65.6	64.1	61.7
-82.5°	46.9	47.2	47.4	47.4	47.4	47.2	46.9	46.6	46.1	45.3	43.3
-85°	29.6	30.5	30.6	30.6	30.6	30.5	29.6	28.8	27.9	26.9	25.9
-87.5°	13.8	13.8	13.9	13.9	13.9	13.8	13.8	13.7	13.6	13.4	12.6
-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: P627018 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	0.7	0.5	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1	0.8
62.5°	2.8	3.1	3.2	2.9	2.2	1.4	1.6	2.0	1.3	0.3	1.0
60°	10.5	6.7	9.5	10.4	9.2	6.6	6.7	6.2	5.2	4.1	2.7
57.5°	34.3	33.2	27.2	23.5	22.4	19.9	16.4	13.0	11.5	9.3	6.6
55°	47.4	45.5	42.2	37.7	32.6	31.2	28.4	24.3	20.4	15.8	12.8
52.5°	58.2	58.7	56.9	51.5	47.0	44.0	40.1	36.3	31.6	27.1	21.1
50°	83.2	80.0	77.0	73.9	66.8	59.9	55.1	49.8	43.0	37.9	32.9
47.5°	106.2	101.5	98.3	94.2	86.1	78.8	71.2	63.7	55.3	47.4	42.4
45°	125.8	119.0	112.8	107.8	100.8	92.5	85.7	77.4	67.8	58.6	50.1
42.5°	145.9	135.5	127.1	122.0	113.6	105.0	97.3	91.0	80.5	69.8	61.2
40°	172.5	151.7	143.9	141.9	133.8	120.2	113.7	106.7	95.6	81.6	73.1
37.5°	216.3	188.4	174.8	167.6	160.3	146.2	133.4	124.3	114.3	98.5	86.4
35°	278.5	245.7	215.9	200.5	191.9	172.6	155.9	143.3	131.3	116.4	100.6
32.5°	332.9	296.1	260.4	233.5	214.1	196.4	177.7	162.2	146.5	131.2	115.7
30°	412.5	350.8	301.7	263.8	238.9	216.8	197.0	178.2	160.5	144.5	128.8
27.5°	520.6	422.1	355.4	302.0	264.9	238.7	216.1	194.2	174.0	156.7	140.7
25°	679.5	522.2	422.4	350.4	296.5	262.9	237.1	211.7	188.1	168.4	154.9
22.5°	907.9	692.9	528.5	402.7	342.6	299.9	261.9	230.0	203.2	185.6	169.5
20°	1301.0	927.5	684.5	522.9	412.4	343.8	291.9	254.4	227.0	204.3	184.4
17.5°	1973.0	1367.0	886.3	673.4	516.1	409.6	334.6	284.8	250.4	223.2	199.4
15°	2796.5	1876.1	1239.0	867.6	632.5	464.3	374.7	315.0	274.3	243.0	214.5
12.5°	3654.1	2360.5	1531.2	1015.1	715.7	522.5	416.8	349.4	298.3	257.2	224.4
10°	4399.2	2858.4	1825.5	1189.5	809.8	578.5	450.1	371.2	312.6	267.5	232.9
7.5°	5222.3	3367.5	2096.5	1317.1	887.6	623.4	472.6	385.8	324.4	276.1	239.8
5°	5832.2	3756.1	2325.8	1433.5	946.1	657.7	490.2	396.2	333.6	282.9	245.4
2.5°	6241.3	4026.8	2469.7	1513.6	982.3	684.0	504.4	406.0	340.8	289.8	251.5
0°	6369.1	4053.8	2580.0	1563.0	1005.8	707.7	515.4	415.1	345.5	295.3	256.3
-2.5°	6408.1	4100.3	2568.9	1573.8	1013.9	720.4	520.1	416.8	349.1	297.4	257.0
-5°	6153.6	3980.2	2511.3	1562.8	1007.8	720.2	528.0	419.9	351.1	298.1	256.4
-7.5°	5706.4	3720.5	2360.6	1491.9	978.6	708.7	533.6	423.8	353.1	300.3	258.4
-10°	5026.4	3303.9	2126.2	1373.2	930.0	686.6	528.4	421.7	351.9	299.9	258.9
-12.5°	4342.3	2837.3	1822.6	1206.8	850.6	645.9	508.6	413.0	347.5	296.9	257.7
-15°	3473.6	2374.8	1597.5	1092.7	779.1	602.1	483.4	399.5	340.0	291.3	254.8
-17.5°	2789.9	1926.5	1308.5	937.1	710.1	563.6	463.9	388.5	331.2	285.7	250.8
-20°	2146.2	1517.3	1107.9	824.5	639.1	516.1	437.3	372.4	321.1	279.9	247.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627018 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-727-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°	1617.4	1228.9	919.5	708.7	573.0	479.4	410.8	354.4	308.9	271.6	242.2
-25°	1256.7	980.2	769.0	626.0	514.7	439.0	386.2	340.2	299.2	263.4	236.3
-27.5°	993.9	795.8	660.0	549.1	467.5	411.6	366.2	325.4	288.8	257.1	230.3
-30°	804.7	676.2	571.6	488.4	430.2	383.5	346.9	312.8	279.0	249.2	223.9
-32.5°	659.2	580.2	501.6	441.9	393.6	357.8	328.0	299.2	267.1	240.9	217.2
-35°	564.5	507.0	451.2	403.6	362.8	335.5	309.1	282.1	255.9	231.6	209.5
-37.5°	498.5	451.6	409.5	371.2	340.9	315.2	292.0	268.2	244.4	222.1	201.7
-40°	447.1	407.3	374.1	344.9	320.6	298.6	277.5	255.6	234.4	212.0	193.2
-42.5°	405.1	373.7	345.0	322.6	301.9	283.2	264.7	245.5	224.7	203.5	183.6
-45°	370.5	345.8	321.7	301.9	284.3	268.6	254.3	235.2	214.8	193.6	173.4
-47.5°	341.5	321.0	301.0	282.5	268.0	254.4	240.6	223.7	202.3	182.4	165.2
-50°	315.7	299.3	282.3	265.3	252.5	240.0	225.5	207.8	189.4	173.0	156.8
-52.5°	294.9	280.1	265.3	251.0	238.6	225.5	209.9	194.6	178.9	163.5	148.6
-55°	274.0	261.9	250.0	238.3	226.6	213.0	198.6	183.5	168.1	153.7	138.5
-57.5°	257.5	246.4	235.7	225.0	214.4	201.1	186.5	171.7	155.8	141.3	126.9
-60°	239.9	230.2	219.6	209.3	199.4	187.5	171.7	156.4	141.8	127.9	114.1
-62.5°	218.1	208.7	199.5	189.5	179.0	167.3	152.9	138.8	126.1	114.1	101.7
-65°	193.0	184.3	175.4	165.6	154.6	142.5	130.3	119.9	110.2	100.0	89.0
-67.5°	167.3	159.5	150.4	140.5	131.0	121.3	112.5	103.7	94.5	85.1	75.3
-70°	144.1	137.9	130.5	121.9	112.9	103.8	95.4	87.1	78.6	70.7	63.2
-72.5°	121.9	116.1	109.4	101.6	93.7	86.0	78.9	72.2	65.6	59.1	52.4
-75°	99.3	94.5	89.1	82.8	76.4	70.0	64.1	58.7	53.1	47.4	41.7
-77.5°	78.3	74.7	70.9	65.9	60.8	55.8	50.9	46.0	41.4	37.1	33.1
-80°	59.2	56.5	53.6	49.6	45.6	41.6	37.7	34.3	31.2	28.4	25.6
-82.5°	41.2	39.1	36.9	34.1	31.3	28.5	25.7	23.7	21.7	19.8	17.9
-85°	24.8	23.6	22.4	20.8	19.3	17.8	16.4	15.3	14.2	13.0	11.8
-87.5°	11.7	10.9	10.1	9.8	9.6	9.4	9.1	8.3	7.5	6.7	5.9
-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: P627018 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-727-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	0.3	0.6	0.6	0.2
70°	0.0	0.0	0.0	0.2	0.3	0.0	0.0	0.4	1.0	1.2	0.9
67.5°	0.0	0.0	0.0	0.6	0.9	0.8	0.2	0.5	1.1	1.8	1.6
65°	0.9	0.7	0.1	0.7	1.4	1.8	1.4	0.8	1.2	1.9	2.3
62.5°	1.7	2.1	1.6	1.2	1.5	2.2	2.6	1.8	1.5	2.0	2.6
60°	1.8	2.5	2.8	2.2	2.0	2.4	2.8	2.6	2.0	2.1	2.7
57.5°	4.9	3.2	3.2	3.0	2.5	2.6	2.8	2.8	2.5	2.4	2.8
55°	9.1	6.7	4.7	3.8	3.2	2.8	2.9	2.8	2.8	2.6	2.8
52.5°	15.8	11.5	8.4	5.7	4.3	3.2	3.2	2.8	2.8	2.7	2.8
50°	25.2	18.1	13.3	9.6	6.0	4.7	3.6	3.3	2.8	2.8	2.8
47.5°	36.9	27.1	19.4	14.0	9.8	6.3	5.0	3.9	2.8	2.8	2.8
45°	45.5	37.8	27.0	19.5	13.8	9.5	6.7	4.6	3.5	2.9	2.8
42.5°	54.0	47.0	36.8	25.1	18.9	13.1	8.5	6.2	4.3	3.1	2.9
40°	64.8	56.1	46.1	34.2	24.6	16.6	11.6	7.9	5.1	3.6	3.1
37.5°	76.0	66.2	55.3	42.9	31.0	22.0	14.7	9.8	6.4	4.5	3.4
35°	88.5	76.8	64.4	51.3	38.6	27.6	17.7	12.0	8.2	5.6	3.7
32.5°	101.2	87.0	73.0	59.4	45.7	33.4	21.9	14.9	9.9	6.6	4.1
30°	113.5	97.0	80.8	67.2	52.5	39.5	27.2	18.0	11.5	7.7	4.7
27.5°	124.7	106.8	88.4	74.1	59.3	45.2	32.5	21.4	13.1	9.0	5.5
25°	136.3	116.8	97.1	80.3	65.6	50.9	37.4	25.0	15.4	10.3	6.4
22.5°	149.6	126.9	105.4	85.8	72.4	56.6	42.2	29.3	18.2	11.5	7.3
20°	163.9	137.0	113.8	93.7	78.7	62.4	46.9	33.2	21.1	12.7	8.2
17.5°	178.4	147.9	123.9	102.7	84.9	67.8	51.3	36.8	23.9	13.9	9.1
15°	188.4	158.9	133.1	111.2	91.1	72.8	55.6	40.0	26.8	14.9	9.9
12.5°	196.7	168.4	141.1	119.0	97.3	77.3	59.5	43.0	29.5	16.3	10.8
10°	204.0	176.4	148.2	126.1	103.2	81.5	63.1	45.5	32.1	18.1	11.5
7.5°	210.3	183.0	154.2	132.6	108.8	85.6	66.1	47.8	34.3	19.9	12.2
5°	215.6	188.6	159.2	136.8	114.1	90.0	68.7	49.8	36.1	21.8	12.9
2.5°	219.8	193.8	163.6	139.8	118.7	94.0	70.7	51.5	37.7	23.5	13.4
0°	222.9	197.8	167.2	142.1	122.6	97.5	72.4	52.9	39.0	25.1	13.9
-2.5°	224.9	198.5	171.0	144.7	124.9	100.4	75.8	54.7	40.0	26.5	14.7
-5°	225.8	198.4	173.9	146.8	126.6	102.8	78.7	56.2	40.9	27.7	15.5
-7.5°	227.1	199.3	175.4	148.4	127.7	104.6	80.9	57.3	41.5	28.7	16.2
-10°	227.5	200.3	175.8	150.3	128.6	105.9	82.3	58.0	41.9	29.4	16.8
-12.5°	226.9	200.2	175.7	151.4	129.1	106.6	83.0	59.1	42.3	29.9	17.3
-15°	225.1	199.0	175.3	151.5	129.0	106.9	83.2	60.1	43.2	30.0	17.8
-17.5°	222.3	196.7	174.6	150.6	128.5	106.7	83.0	60.6	43.6	29.8	18.2
-20°	219.5	194.6	173.7	148.6	127.5	106.1	82.3	60.5	43.6	29.4	18.5

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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	215.9	192.6	170.6	146.6	126.1	105.1	81.1	59.8	43.1	28.7	18.8
-25°	211.3	189.6	167.1	145.0	124.4	103.2	79.8	58.5	42.1	27.8	18.9
-27.5°	206.8	185.5	163.4	142.8	121.9	100.8	78.0	57.2	40.7	26.7	18.8
-30°	201.4	180.9	160.1	139.8	118.5	97.4	75.4	55.3	39.2	26.1	18.6
-32.5°	195.6	176.3	156.5	135.3	114.3	93.7	72.2	52.7	37.4	25.8	18.4
-35°	189.7	171.1	152.0	129.7	109.7	89.6	68.9	49.3	35.4	25.3	18.1
-37.5°	182.9	164.7	144.8	123.7	104.9	85.2	65.8	47.4	33.2	24.6	17.8
-40°	175.0	156.9	136.6	118.1	99.7	80.5	62.4	45.7	31.8	23.6	17.4
-42.5°	166.2	148.2	130.0	112.3	94.3	76.5	59.0	43.5	31.1	22.9	16.9
-45°	157.2	140.2	123.8	106.4	88.9	72.4	56.1	41.1	30.2	22.2	16.4
-47.5°	148.7	133.5	117.1	100.0	84.1	68.1	52.7	39.5	28.9	21.5	15.8
-50°	141.6	126.2	109.8	93.6	78.6	63.8	49.2	37.5	27.8	20.6	15.1
-52.5°	133.4	117.8	101.7	86.4	72.7	59.0	46.2	35.1	26.3	19.6	14.3
-55°	123.6	108.1	92.8	79.3	66.5	54.4	42.7	32.5	24.3	18.4	13.3
-57.5°	112.2	97.2	84.6	72.4	60.3	49.3	38.8	29.4	22.5	17.1	12.3
-60°	100.4	88.3	76.8	64.9	53.8	43.8	34.3	26.4	20.7	15.6	11.1
-62.5°	90.0	78.9	67.6	56.7	47.0	37.9	29.7	24.0	18.7	14.0	9.8
-65°	78.3	67.8	57.6	48.7	40.0	32.4	26.7	21.4	16.6	12.3	8.7
-67.5°	65.7	57.3	48.8	40.6	34.2	28.6	23.5	18.7	14.3	10.4	8.0
-70°	55.5	47.7	40.7	34.9	29.6	24.6	20.0	15.8	11.9	9.3	7.2
-72.5°	45.8	39.7	34.2	29.3	24.7	20.4	16.4	12.9	10.4	8.2	6.3
-75°	36.5	32.1	27.7	23.5	19.6	16.1	13.4	10.9	8.8	6.9	5.5
-77.5°	29.3	25.3	21.4	18.3	15.9	13.5	11.1	8.8	7.3	6.0	4.8
-80°	22.5	19.8	17.4	15.3	13.1	10.9	9.0	7.4	6.3	5.1	4.0
-82.5°	16.2	14.7	13.4	12.2	10.5	9.0	7.6	6.3	5.3	4.2	3.1
-85°	11.1	10.4	9.7	9.2	8.0	7.0	5.8	4.7	3.7	2.9	2.1
-87.5°	5.7	5.4	5.1	4.8	4.1	3.5	2.9	2.4	1.9	1.4	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):

	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	0.4	0.0
72.5°	0.1	0.4	0.3	0.0	0.1	0.4	0.0
70°	0.3	0.6	0.6	0.1	0.1	0.5	0.0
67.5°	1.0	0.9	0.8	0.3	0.2	0.6	0.0
65°	1.6	1.2	1.1	0.6	0.2	0.6	0.0
62.5°	2.2	1.6	1.4	0.9	0.3	0.7	0.0
60°	2.7	2.0	1.8	1.2	0.4	0.8	0.0
57.5°	2.8	2.3	2.0	1.5	0.6	0.9	0.0
55°	2.8	2.6	2.2	1.8	0.8	0.9	0.0
52.5°	2.8	2.8	2.3	2.1	1.1	1.0	0.0
50°	2.8	2.8	2.5	2.4	1.3	1.1	0.0
47.5°	2.8	2.8	2.6	2.7	1.5	1.2	0.0
45°	2.8	2.8	2.7	2.7	1.6	1.3	0.0
42.5°	2.8	2.8	2.8	2.8	1.8	1.4	0.0
40°	2.8	2.8	2.8	2.8	2.0	1.5	0.0
37.5°	2.8	2.8	2.8	2.8	2.1	1.5	0.0
35°	2.8	2.8	2.8	2.8	2.2	1.6	0.0
32.5°	2.9	2.8	2.8	2.8	2.3	1.7	0.0
30°	3.2	2.8	2.8	2.8	2.4	1.8	0.0
27.5°	3.5	2.8	2.8	2.8	2.5	1.9	0.0
25°	3.8	2.8	2.8	2.8	2.6	2.0	0.0
22.5°	4.2	2.9	2.8	2.8	2.6	2.1	0.0
20°	4.5	3.1	2.8	2.8	2.7	2.2	0.0
17.5°	5.0	3.3	2.8	2.8	2.7	2.3	0.0
15°	5.6	3.6	2.8	2.8	2.8	2.4	0.0
12.5°	6.1	3.9	2.8	2.8	2.8	2.4	0.0
10°	6.6	4.2	2.8	2.8	2.8	2.5	0.0
7.5°	7.1	4.6	2.8	2.8	2.8	2.6	0.0
5°	7.6	4.9	2.8	2.8	2.8	2.7	0.0
2.5°	8.0	5.3	2.8	2.8	2.8	2.7	0.0
0°	8.4	5.6	2.8	2.8	2.8	2.8	0.0
-2.5°	9.1	5.9	3.0	2.8	2.8	2.8	0.0
-5°	9.8	6.2	3.3	2.8	2.8	2.8	0.0
-7.5°	10.4	6.4	3.5	2.8	2.8	2.8	0.0
-10°	10.9	6.6	3.7	2.8	2.8	2.8	0.0
-12.5°	11.4	6.8	3.9	2.8	2.8	2.7	0.0
-15°	11.7	7.0	4.1	2.8	2.8	2.7	0.0
-17.5°	12.0	7.1	4.2	2.8	2.8	2.7	0.0
-20°	12.1	7.2	4.3	2.8	2.8	2.6	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	12.3	7.2	4.3	2.8	2.8	2.6	0.0
-25°	12.4	7.4	4.3	2.8	2.8	2.5	0.0
-27.5°	12.4	7.6	4.2	2.8	2.8	2.5	0.0
-30°	12.3	7.7	4.1	2.8	2.8	2.4	0.0
-32.5°	12.2	7.8	4.1	2.8	2.8	2.4	0.0
-35°	12.1	7.8	4.0	2.8	2.8	2.3	0.0
-37.5°	12.1	7.7	4.0	2.8	2.8	2.2	0.0
-40°	11.9	7.5	3.8	2.8	2.8	2.1	0.0
-42.5°	11.7	7.3	3.8	2.8	2.8	2.1	0.0
-45°	11.3	7.0	3.9	2.9	2.8	2.0	0.0
-47.5°	10.9	6.6	3.9	3.0	2.8	1.9	0.0
-50°	10.3	6.2	4.0	3.0	2.8	1.8	0.0
-52.5°	9.7	5.7	4.0	3.0	2.8	1.7	0.0
-55°	8.9	5.5	4.0	3.0	2.8	1.6	0.0
-57.5°	8.1	5.4	3.9	3.0	2.8	1.5	0.0
-60°	7.3	5.2	3.8	3.0	2.8	1.4	0.0
-62.5°	6.9	5.0	3.7	3.0	2.6	1.3	0.0
-65°	6.5	4.8	3.6	2.9	2.4	1.2	0.0
-67.5°	6.0	4.5	3.4	2.9	2.1	1.1	0.0
-70°	5.4	4.1	3.2	2.8	1.9	1.0	0.0
-72.5°	4.9	3.8	3.1	2.5	1.7	0.8	0.0
-75°	4.2	3.4	2.8	2.2	1.4	0.7	0.0
-77.5°	3.6	2.9	2.4	1.8	1.2	0.6	0.0
-80°	2.9	2.4	1.9	1.5	1.0	0.5	0.0
-82.5°	2.2	1.8	1.5	1.1	0.7	0.4	0.0
-85°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
-87.5°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)