

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: P627258 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA3E-727-U-NR-VSR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627258 (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-SA3E-727-U-NR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (48) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	19777.6 lumens	Max Intensity:	200479 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	106.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		

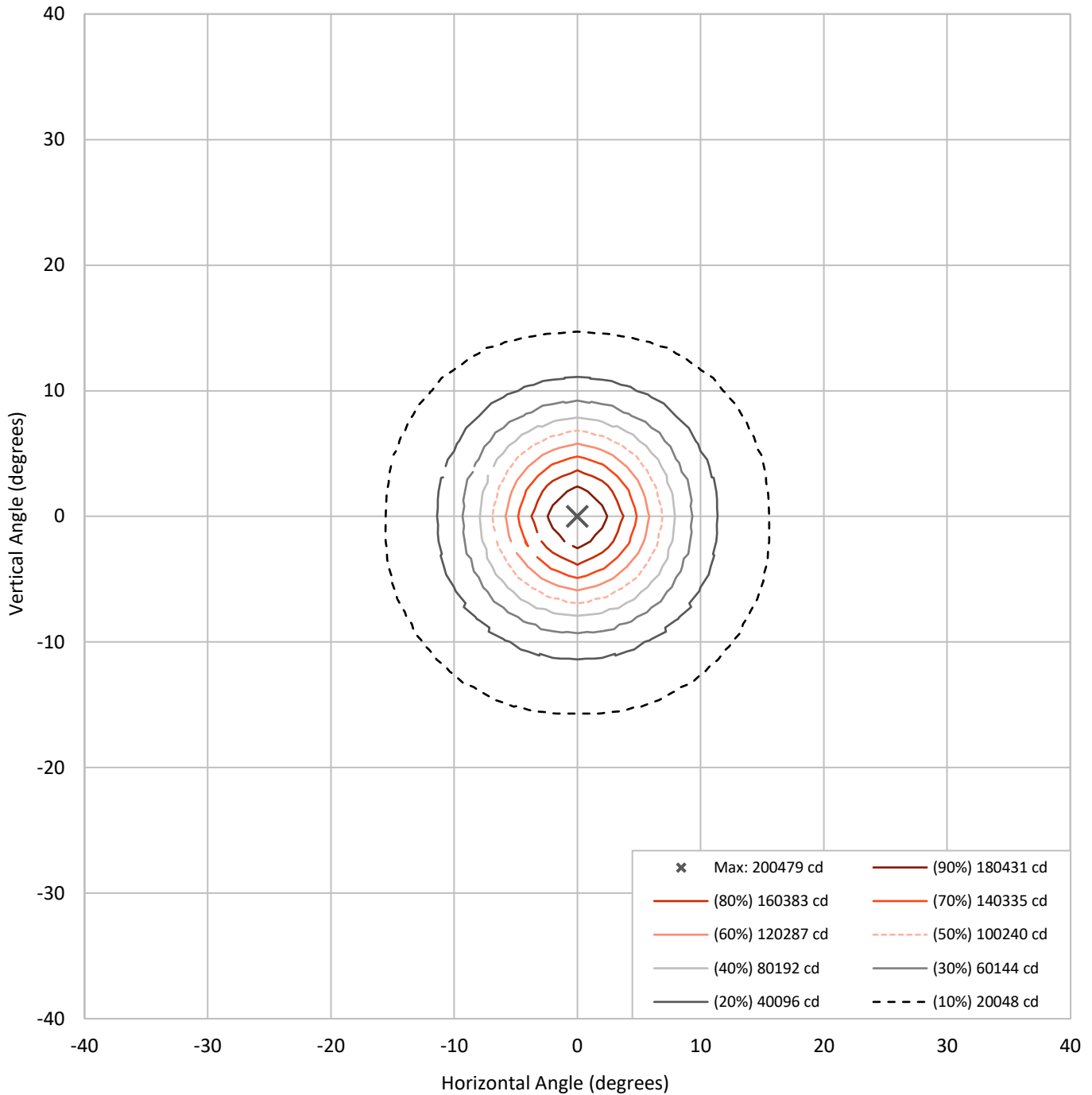
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	6313.9 lumens	Field Lumens:	14063.2 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%

Input Watts (W): 185.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Candela Plot





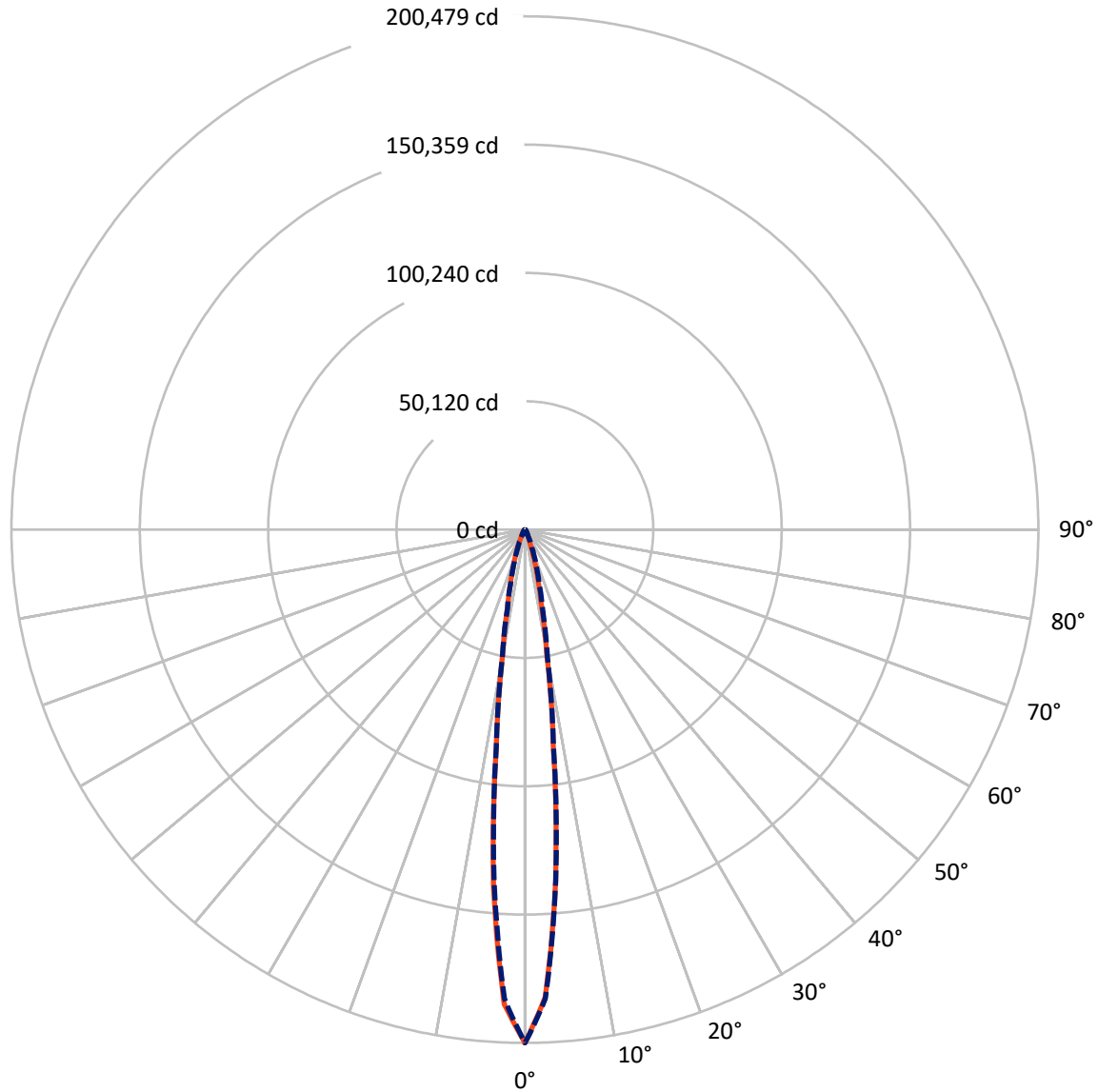
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Lumen Table

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			
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			
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		0.1	0.1	0.5	1.1	1.8	2.3	2.8	2.8	2.3	1.8	1.1	0.5	0.1	0.1				
50	0.1	0.1	0.6	1.7	3.2	4.7	6.7	7.9	7.9	6.7	4.7	3.2	1.7	0.6	0.1	0.1			
40		0.3	1.4	3.4	6.0	9.5	16.1	20.5	20.5	16.1	9.5	6.0	3.4	1.4	0.3				
30	0.2	0.6	2.2	5.1	9.3	20.1	53.7	89.0	89.0	53.7	20.1	9.3	5.1	2.2	0.6	0.2			
20		0.8	3.0	7.0	15.3	60.1	253.5	557.3	557.3	253.5	60.1	15.3	7.0	3.0	0.8				
10	0.3	1.1	3.7	8.3	20.8	112.9	607.5	2724.5	2724.5	607.5	112.9	20.8	8.3	3.7	1.1	0.3			
0		1.2	4.0	8.7	22.3	120.3	628.8	2770.7	2770.7	628.8	120.3	22.3	8.7	4.0	1.2				
-10	0.4	1.3	4.1	8.6	19.6	76.5	305.2	652.9	652.9	305.2	76.5	19.6	8.6	4.1	1.3	0.4			
-20		1.2	3.9	7.9	15.1	35.8	94.0	156.8	156.8	94.0	35.8	15.1	7.9	3.9	1.2				
-30	0.3	1.1	3.5	6.9	11.8	19.6	32.0	40.6	40.6	32.0	19.6	11.8	6.9	3.5	1.1	0.3			
-40		0.9	2.9	5.8	9.6	13.7	18.5	20.6	20.6	18.5	13.7	9.6	5.8	2.9	0.9				
-50	0.2	0.7	2.2	4.5	7.5	10.5	13.3	14.6	14.6	13.3	10.5	7.5	4.5	2.2	0.7	0.2			
-60		0.4	1.3	2.9	5.0	7.3	9.3	10.2	10.2	9.3	7.3	5.0	2.9	1.3	0.4				
-70	0.1	0.4	1.3	2.9	5.0	7.3	9.3	10.2	10.2	9.3	7.3	5.0	2.9	1.3	0.4	0.1			
-80		0.1	1.2	5.0	10.9	13.8	10.9	5.0	1.2	0.1									
-90	0.1	1.2	5.0	10.9	13.8	10.9	5.0	1.2	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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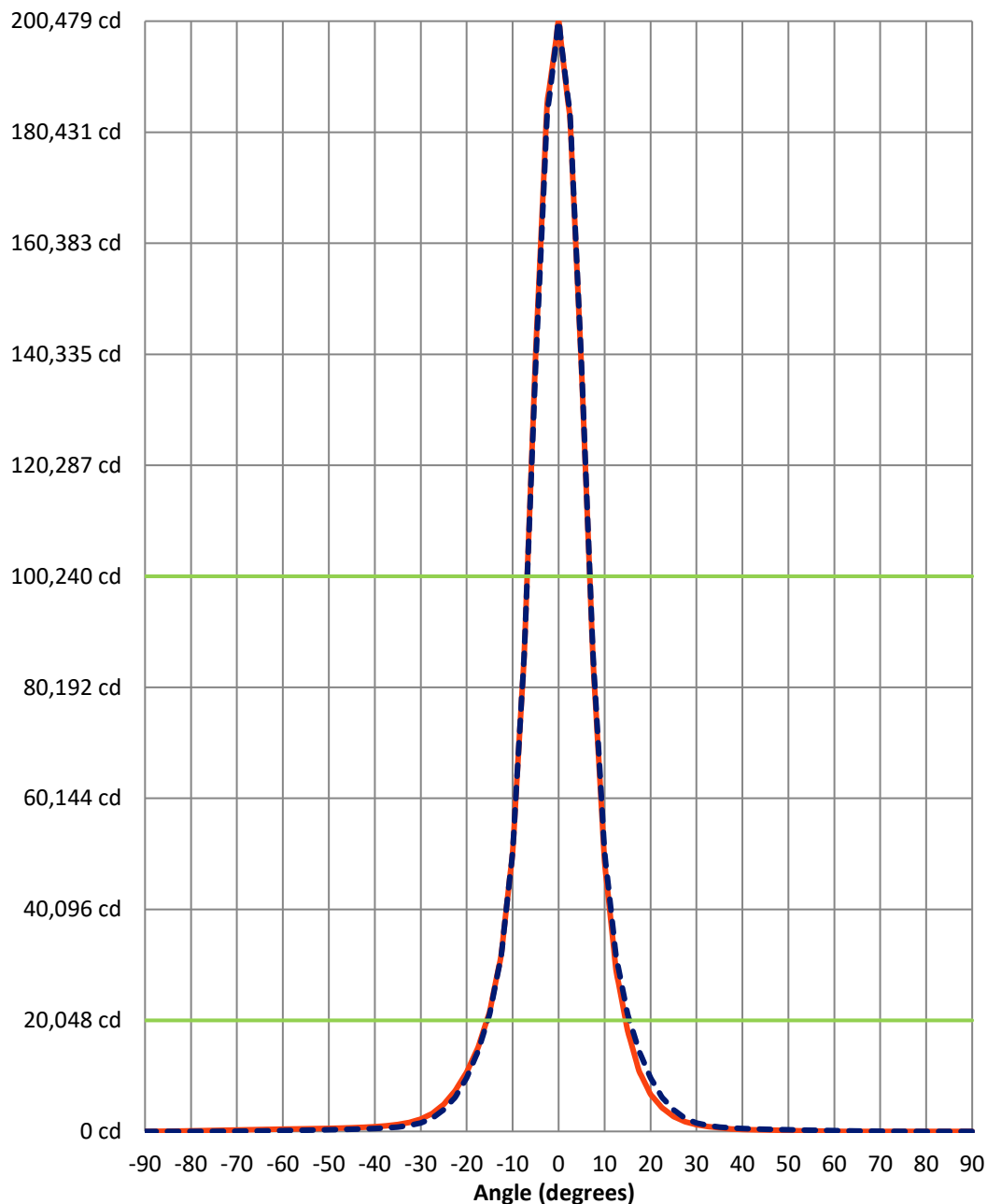
Luminous Intensity Polar Plot



— 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: 6313.9
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 14063.2
 Efficiency: 71.1%

Spill:
 Lumens: 5714.4
 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	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.5	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.6	0.1	0.0	0.1	0.3	0.1	0.0	0.1	0.4	0.2
72.5°	0.0	0.7	0.1	0.0	0.5	0.6	0.2	0.3	0.9	0.9	0.4
70°	0.0	0.8	0.2	0.1	0.9	0.9	0.5	1.3	1.8	1.6	0.6
67.5°	0.0	0.9	0.2	0.5	1.3	1.3	1.5	2.4	2.7	1.7	0.7
65°	0.0	1.0	0.3	0.9	1.7	1.8	2.4	3.5	2.8	1.9	1.3
62.5°	0.0	1.1	0.4	1.3	2.2	2.4	3.3	3.9	3.0	2.2	2.6
60°	0.0	1.2	0.6	1.8	2.6	2.9	4.1	4.1	3.2	3.0	3.8
57.5°	0.0	1.3	0.9	2.2	3.0	3.4	4.2	4.2	3.5	3.7	4.2
55°	0.0	1.4	1.3	2.7	3.2	3.9	4.2	4.2	3.9	4.2	4.2
52.5°	0.0	1.5	1.6	3.1	3.5	4.2	4.2	4.2	4.1	4.2	4.2
50°	0.0	1.7	1.9	3.6	3.7	4.2	4.2	4.2	4.2	4.2	4.9
47.5°	0.0	1.8	2.2	4.0	3.9	4.2	4.2	4.2	4.2	4.2	5.8
45°	0.0	1.9	2.5	4.1	4.0	4.2	4.2	4.2	4.3	5.2	7.0
42.5°	0.0	2.0	2.7	4.2	4.2	4.2	4.2	4.4	4.6	6.4	9.4
40°	0.0	2.2	2.9	4.2	4.2	4.2	4.2	4.7	5.4	7.8	12.1
37.5°	0.0	2.3	3.1	4.2	4.2	4.2	4.2	5.1	6.9	9.8	14.9
35°	0.0	2.5	3.3	4.2	4.2	4.2	4.2	5.6	8.4	12.5	18.3
32.5°	0.0	2.6	3.5	4.2	4.2	4.2	4.3	6.2	10.1	15.1	22.7
30°	0.0	2.7	3.6	4.2	4.2	4.2	4.8	7.1	11.8	17.6	27.5
27.5°	0.0	2.9	3.8	4.2	4.2	4.2	5.3	8.4	13.7	20.0	32.6
25°	0.0	3.0	3.9	4.2	4.2	4.2	5.8	9.8	15.7	23.6	38.1
22.5°	0.0	3.1	4.0	4.2	4.2	4.3	6.3	11.2	17.6	27.8	44.6
20°	0.0	3.3	4.0	4.2	4.2	4.6	6.8	12.5	19.5	32.2	50.5
17.5°	0.0	3.4	4.1	4.2	4.2	5.0	7.6	13.9	21.2	36.5	56.0
15°	0.0	3.5	4.1	4.2	4.2	5.4	8.5	15.2	22.8	40.8	60.9
12.5°	0.0	3.7	4.2	4.2	4.2	5.9	9.3	16.5	24.9	45.0	65.4
10°	0.0	3.8	4.2	4.2	4.2	6.4	10.1	17.6	27.6	48.9	69.3
7.5°	0.0	3.9	4.2	4.2	4.2	6.9	10.8	18.7	30.4	52.2	72.7
5°	0.0	4.0	4.2	4.2	4.2	7.5	11.5	19.6	33.1	55.1	75.8
2.5°	0.0	4.1	4.2	4.2	4.2	8.0	12.1	20.5	35.8	57.4	78.4
0°	0.0	4.2	4.2	4.2	4.2	8.5	12.7	21.2	38.2	59.4	80.6
-2.5°	0.0	4.2	4.2	4.2	4.6	8.9	13.8	22.5	40.4	61.0	83.4
-5°	0.0	4.2	4.2	4.2	4.9	9.3	14.8	23.6	42.2	62.2	85.6
-7.5°	0.0	4.2	4.2	4.2	5.3	9.7	15.8	24.7	43.7	63.2	87.3
-10°	0.0	4.1	4.2	4.2	5.6	10.0	16.6	25.6	44.8	63.8	88.4
-12.5°	0.0	4.1	4.2	4.2	5.9	10.3	17.3	26.4	45.5	64.5	90.0
-15°	0.0	4.1	4.2	4.2	6.1	10.5	17.9	27.0	45.7	65.8	91.5
-17.5°	0.0	4.0	4.2	4.2	6.3	10.7	18.2	27.7	45.4	66.4	92.2
-20°	0.0	3.9	4.2	4.2	6.4	10.9	18.5	28.2	44.7	66.4	92.1

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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	3.9	4.2	4.2	6.5	11.0	18.7	28.6	43.7	65.6	91.0
-25°	0.0	3.8	4.2	4.2	6.5	11.2	18.8	28.7	42.4	64.1	89.0
-27.5°	0.0	3.7	4.2	4.2	6.4	11.5	18.8	28.6	40.7	61.9	87.1
-30°	0.0	3.6	4.2	4.2	6.2	11.7	18.7	28.3	39.8	59.6	84.2
-32.5°	0.0	3.5	4.2	4.2	6.2	11.8	18.5	28.0	39.3	57.0	80.2
-35°	0.0	3.4	4.2	4.2	6.1	11.8	18.5	27.6	38.5	54.0	75.1
-37.5°	0.0	3.3	4.2	4.2	6.0	11.7	18.4	27.1	37.4	50.6	72.2
-40°	0.0	3.2	4.2	4.2	5.7	11.4	18.2	26.5	36.0	48.4	69.5
-42.5°	0.0	3.1	4.2	4.2	5.7	11.1	17.8	25.7	34.8	47.4	66.2
-45°	0.0	3.0	4.2	4.4	5.8	10.6	17.2	24.9	33.8	46.0	62.6
-47.5°	0.0	2.8	4.2	4.4	5.9	10.1	16.5	24.1	32.7	44.0	60.2
-50°	0.0	2.7	4.2	4.5	6.0	9.4	15.7	23.0	31.4	42.3	57.1
-52.5°	0.0	2.6	4.2	4.5	6.0	8.6	14.7	21.8	29.8	40.0	53.4
-55°	0.0	2.4	4.2	4.6	6.0	8.4	13.5	20.3	28.1	37.0	49.5
-57.5°	0.0	2.3	4.2	4.5	5.9	8.2	12.3	18.7	26.0	34.3	44.9
-60°	0.0	2.1	4.2	4.5	5.8	7.9	11.0	16.9	23.8	31.6	40.2
-62.5°	0.0	1.9	3.9	4.5	5.6	7.6	10.4	14.9	21.3	28.5	36.6
-65°	0.0	1.8	3.5	4.4	5.4	7.2	9.8	13.1	18.7	25.3	32.6
-67.5°	0.0	1.6	3.2	4.3	5.2	6.7	9.1	12.1	15.8	21.8	28.4
-70°	0.0	1.4	2.9	4.2	4.9	6.2	8.2	10.9	14.2	18.1	24.0
-72.5°	0.0	1.3	2.5	3.8	4.6	5.7	7.4	9.6	12.4	15.8	19.7
-75°	0.0	1.1	2.2	3.3	4.3	5.1	6.4	8.4	10.5	13.3	16.6
-77.5°	0.0	0.9	1.8	2.7	3.6	4.4	5.4	7.2	9.1	11.0	13.3
-80°	0.0	0.7	1.5	2.2	2.9	3.6	4.3	6.0	7.8	9.5	11.2
-82.5°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	4.7	6.4	8.0	9.5
-85°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	3.2	4.3	5.7	7.1
-87.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.6	2.2	2.8	3.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.3	1.2	1.4	0.9	0.0	0.0	0.0	0.3	0.0	0.0	0.0
65°	2.1	2.7	2.1	1.1	0.1	1.0	1.4	1.1	0.1	0.0	0.0
62.5°	3.9	3.3	2.3	1.7	2.4	3.2	2.5	1.4	0.4	2.0	3.0
60°	4.2	3.5	2.9	3.3	4.3	3.8	2.8	4.1	6.2	7.8	9.5
57.5°	4.2	3.9	3.8	4.5	4.8	4.8	7.4	10.0	14.1	17.5	19.8
55°	4.3	4.2	4.8	5.7	7.1	10.1	13.8	19.5	24.1	31.1	37.0
52.5°	4.8	4.8	6.4	8.7	12.8	17.5	24.1	32.1	41.2	48.0	55.2
50°	5.5	7.1	9.1	14.5	20.2	27.6	38.4	50.1	57.8	65.4	75.8
47.5°	7.5	9.6	14.9	21.3	29.5	41.2	56.1	64.6	72.1	84.2	97.0
45°	10.2	14.5	21.0	29.8	41.1	57.5	69.3	76.2	89.2	103.2	117.9
42.5°	13.0	19.9	28.8	38.1	56.0	71.6	82.2	93.1	106.3	122.6	138.5
40°	17.7	25.3	37.5	52.0	70.2	85.4	98.7	111.2	124.2	145.5	162.5
37.5°	22.4	33.6	47.3	65.3	84.2	100.9	115.7	131.5	150.0	174.0	189.3
35°	26.9	42.1	58.8	78.1	98.1	117.0	134.8	153.2	177.3	200.0	218.2
32.5°	33.4	50.9	69.7	90.5	111.1	132.4	154.1	176.1	199.8	223.1	246.9
30°	41.4	60.1	80.0	102.3	123.1	147.7	172.9	196.2	220.0	244.5	271.5
27.5°	49.5	68.8	90.3	112.8	134.6	162.8	189.8	214.1	238.6	265.0	295.7
25°	57.0	77.6	100.0	122.2	147.8	178.0	207.6	235.8	256.5	286.5	322.5
22.5°	64.2	86.1	110.2	130.7	160.6	193.4	227.9	258.2	282.7	309.5	350.3
20°	71.4	94.9	119.8	142.7	173.4	208.6	249.5	280.8	311.2	345.8	387.4
17.5°	78.2	103.2	129.3	156.5	188.8	225.3	271.8	303.6	339.9	381.3	433.8
15°	84.6	110.8	138.8	169.3	202.7	242.0	286.9	326.6	370.0	417.8	479.8
12.5°	90.6	117.7	148.1	181.2	215.0	256.5	299.5	341.8	391.8	454.3	532.3
10°	96.1	124.0	157.2	192.1	225.7	268.6	310.7	354.6	407.4	476.1	565.4
7.5°	100.7	130.4	165.8	201.9	234.9	278.6	320.3	365.3	420.5	494.1	587.6
5°	104.5	137.0	173.8	208.3	242.5	287.3	328.4	373.7	430.9	508.2	603.5
2.5°	107.8	143.1	180.8	212.9	249.1	295.1	334.8	383.0	441.5	519.1	618.4
0°	110.3	148.5	186.7	216.4	254.6	301.3	339.5	390.4	449.8	526.2	632.3
-2.5°	115.5	152.9	190.2	220.4	260.5	302.3	342.6	391.4	453.0	531.7	634.9
-5°	119.8	156.5	192.8	223.5	264.8	302.2	343.9	390.5	454.1	534.8	639.5
-7.5°	123.1	159.2	194.5	225.9	267.2	303.6	345.8	393.6	457.4	537.7	645.5
-10°	125.3	161.2	195.9	228.9	267.8	305.0	346.5	394.3	456.8	535.9	642.2
-12.5°	126.4	162.4	196.6	230.5	267.6	304.9	345.5	392.4	452.1	529.2	629.1
-15°	126.7	162.8	196.5	230.7	266.9	303.1	342.8	388.0	443.7	517.8	608.5
-17.5°	126.4	162.5	195.7	229.3	266.0	299.6	338.5	382.0	435.2	504.5	591.8
-20°	125.3	161.6	194.2	226.2	264.6	296.3	334.3	376.3	426.3	489.1	567.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627258 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3E-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°	123.5	160.1	192.1	223.2	259.8	293.3	328.8	368.8	413.7	470.4	539.8
-25°	121.5	157.2	189.4	220.8	254.5	288.7	321.9	359.9	401.1	455.6	518.0
-27.5°	118.7	153.5	185.7	217.5	248.8	282.5	314.9	350.8	391.6	439.7	495.5
-30°	114.8	148.3	180.6	212.9	243.9	275.5	306.8	341.0	379.5	424.8	476.3
-32.5°	109.9	142.6	174.1	206.1	238.3	268.5	297.9	330.8	366.9	406.7	455.7
-35°	104.8	136.4	167.1	197.6	231.5	260.6	289.0	319.2	352.8	389.8	429.7
-37.5°	100.1	129.7	159.7	188.4	220.6	250.9	278.5	307.2	338.2	372.2	408.4
-40°	95.0	122.5	151.9	179.9	208.1	239.0	266.6	294.2	322.9	357.0	389.2
-42.5°	89.8	116.5	143.6	171.1	198.0	225.7	253.2	279.7	310.0	342.2	373.8
-45°	85.4	110.2	135.4	162.1	188.6	213.6	239.4	264.2	294.9	327.2	358.1
-47.5°	80.2	103.8	128.2	152.4	178.4	203.4	226.6	251.6	277.8	308.2	340.7
-50°	74.9	97.2	119.8	142.5	167.2	192.2	215.7	238.9	263.5	288.5	316.5
-52.5°	70.4	89.8	110.7	131.7	155.0	179.4	203.2	226.3	249.1	272.5	296.4
-55°	65.0	82.9	101.3	120.9	141.3	164.7	188.3	210.9	234.0	256.0	279.4
-57.5°	59.1	75.1	91.8	110.2	128.8	148.0	170.9	193.4	215.1	237.3	261.5
-60°	52.3	66.6	81.9	98.8	116.9	134.5	153.0	173.9	194.9	215.9	238.2
-62.5°	45.4	57.8	71.5	86.3	102.9	120.2	137.1	154.9	173.8	192.1	211.4
-65°	40.7	49.5	61.0	74.1	87.8	103.2	119.3	135.7	152.3	167.8	182.7
-67.5°	35.7	43.6	52.2	61.9	74.3	87.3	100.1	114.7	129.7	144.0	157.9
-70°	30.5	37.5	45.1	53.1	62.0	72.6	84.6	96.3	107.8	119.7	132.6
-72.5°	25.0	31.0	37.6	44.6	52.2	60.6	69.8	79.8	90.0	99.9	110.0
-75°	20.5	24.5	29.9	35.8	42.3	48.9	55.6	63.5	72.2	80.9	89.3
-77.5°	16.9	20.6	24.3	27.9	32.5	38.6	44.5	50.4	56.4	63.0	70.0
-80°	13.7	16.6	19.9	23.3	26.5	30.1	34.3	38.9	43.1	47.5	52.3
-82.5°	11.4	13.6	16.0	18.6	20.5	22.5	24.7	27.4	30.2	33.1	36.1
-85°	8.8	10.6	12.2	13.9	14.8	15.7	16.8	18.0	19.8	21.6	23.3
-87.5°	4.4	5.3	6.3	7.3	7.7	8.2	8.6	9.0	10.1	11.4	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: P627258 (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	0.8	1.0	0.9	0.4	0.0	0.0
62.5°	2.5	2.1	3.3	4.4	4.8	4.7	4.3	3.8	3.3	3.0	3.4
60°	10.2	10.0	13.9	15.8	14.4	10.1	16.0	18.8	18.1	15.5	15.4
57.5°	24.9	30.2	34.1	35.8	41.5	50.6	52.3	49.3	48.2	49.2	56.9
55°	43.1	47.5	49.7	57.4	64.2	69.2	72.1	75.1	79.4	84.7	90.2
52.5°	61.0	67.0	71.5	78.4	86.6	89.4	88.7	99.2	107.4	112.6	114.8
50°	83.8	91.2	101.8	112.6	117.3	121.8	126.6	135.3	147.8	163.5	172.4
47.5°	108.4	120.1	131.1	143.5	149.7	154.5	161.7	176.7	194.6	211.5	220.3
45°	130.5	140.9	153.6	164.2	171.9	181.3	191.7	205.3	225.3	242.9	255.0
42.5°	148.2	160.0	173.0	185.9	193.7	206.3	222.2	240.6	261.6	279.9	293.4
40°	173.1	183.0	203.8	216.0	219.1	231.0	262.7	287.9	311.6	334.1	345.4
37.5°	203.2	222.5	244.1	255.3	266.2	287.0	329.5	370.2	400.4	430.9	447.6
35°	237.4	262.8	292.2	305.3	328.8	374.2	424.1	480.8	551.4	580.9	607.8
32.5°	270.6	299.1	326.1	355.6	396.6	450.9	507.2	599.1	684.9	751.4	799.9
30°	300.0	330.2	363.8	401.8	459.6	534.4	628.3	747.2	868.2	973.8	1063.1
27.5°	329.2	363.5	403.5	460.1	541.4	643.0	792.9	962.5	1164.5	1313.3	1491.0
25°	361.1	400.4	451.7	533.7	643.4	795.3	1035.0	1310.5	1641.6	1910.1	2191.1
22.5°	398.9	456.8	521.9	613.3	804.9	1055.3	1382.7	1853.6	2363.0	2834.0	3287.5
20°	444.5	523.8	628.2	796.5	1042.5	1412.6	1981.5	2733.0	3482.1	4279.9	5048.0
17.5°	509.6	623.8	786.1	1025.6	1349.9	2082.1	3005.1	4167.3	5660.5	7013.7	8195.1
15°	570.7	707.1	963.4	1321.5	1887.1	2857.4	4259.3	6177.7	8504.8	10625.7	12865.7
12.5°	634.8	795.9	1090.2	1546.2	2332.1	3595.3	5565.5	8194.0	11107.9	14304.3	17945.1
10°	685.6	881.2	1233.5	1811.7	2780.4	4353.6	6700.3	9888.1	13760.3	18490.7	24310.8
7.5°	719.9	949.5	1351.9	2006.0	3193.2	5129.0	7954.0	11785.6	16626.5	22893.3	31037.2
5°	746.7	1001.7	1440.9	2183.3	3542.4	5720.9	8882.9	13447.2	19173.9	27570.3	41371.8
2.5°	768.2	1041.7	1496.0	2305.3	3761.5	6133.1	9506.1	14387.4	20690.2	31028.0	48933.7
0°	785.0	1077.8	1531.9	2380.6	3929.5	6174.3	9700.6	14559.4	21234.4	31652.1	50561.1
-2.5°	792.2	1097.1	1544.2	2397.1	3912.6	6245.0	9760.0	14696.8	21213.9	31310.2	48743.5
-5°	804.1	1096.9	1534.9	2380.3	3825.0	6062.1	9372.4	13927.8	19934.1	28617.3	42900.1
-7.5°	812.7	1079.4	1490.5	2272.4	3595.3	5666.6	8691.3	12653.8	17604.8	24197.7	33043.5
-10°	804.8	1045.8	1416.4	2091.5	3238.3	5032.2	7655.6	10971.8	15086.6	19972.5	25982.6
-12.5°	774.6	983.8	1295.5	1838.1	2776.0	4321.4	6613.6	9437.1	12482.7	15914.1	20067.1
-15°	736.3	917.0	1186.6	1664.2	2433.2	3617.0	5290.4	7581.0	10024.1	12629.4	15407.6
-17.5°	706.5	858.3	1081.6	1427.4	1992.9	2934.2	4249.3	5876.5	7671.8	9655.3	11301.7
-20°	666.1	786.1	973.5	1255.9	1687.4	2311.0	3268.8	4451.0	5635.7	7030.3	8167.6

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Scaled Data Report



REPORT NUMBER: P627258 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3E-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°	625.7	730.2	872.8	1079.5	1400.5	1871.6	2463.4	3252.8	4119.1	4919.6	5707.6
-25°	588.1	668.7	784.0	953.5	1171.3	1492.8	1914.0	2366.8	2937.9	3425.2	3965.9
-27.5°	557.7	626.9	712.1	836.3	1005.3	1212.1	1513.7	1817.2	2117.5	2363.4	2735.7
-30°	528.4	584.1	655.3	743.9	870.6	1030.0	1225.7	1422.5	1595.9	1754.0	1947.8
-32.5°	499.6	544.9	599.5	673.1	764.0	883.8	1004.1	1145.1	1265.6	1376.8	1479.7
-35°	470.7	511.0	552.6	614.7	687.2	772.3	859.7	955.3	1038.7	1113.6	1179.8
-37.5°	444.7	480.0	519.2	565.4	623.8	687.8	759.3	828.7	883.7	932.4	972.6
-40°	422.7	454.9	488.3	525.3	569.8	620.4	681.0	738.9	777.5	807.1	831.5
-42.5°	403.0	431.4	459.9	491.3	525.4	569.2	617.1	664.8	691.0	714.0	731.6
-45°	387.2	409.0	433.0	459.8	490.1	526.7	564.3	597.3	620.6	640.4	655.1
-47.5°	366.4	387.3	408.1	430.2	458.4	489.0	520.1	545.5	565.8	583.0	594.3
-50°	343.4	365.5	384.5	403.9	429.9	455.8	480.9	501.8	521.2	538.1	546.9
-52.5°	319.7	343.4	363.3	382.3	404.0	426.6	449.2	467.2	484.2	500.1	506.8
-55°	302.5	324.4	345.0	362.9	380.8	398.8	417.3	435.9	452.7	467.8	472.3
-57.5°	284.1	306.3	326.7	342.7	358.9	375.2	392.1	408.9	425.1	439.6	443.2
-60°	261.5	285.6	303.7	318.8	334.6	350.7	365.4	380.3	395.4	408.1	412.1
-62.5°	232.8	254.8	272.7	288.6	303.8	317.8	332.1	346.1	359.7	369.7	372.9
-65°	198.4	217.1	235.5	252.2	267.2	280.7	293.9	306.7	319.0	327.8	332.2
-67.5°	171.3	184.7	199.6	213.9	229.0	242.9	254.8	266.1	276.6	284.1	288.7
-70°	145.2	158.0	171.9	185.5	198.6	209.9	219.4	228.7	237.7	244.3	249.3
-72.5°	120.1	131.0	142.6	154.6	166.6	176.9	185.6	193.9	201.6	207.3	211.9
-75°	97.6	106.5	116.3	126.1	135.8	143.9	151.2	158.3	165.2	170.2	174.4
-77.5°	77.5	85.0	92.7	100.3	108.0	113.9	119.2	124.4	129.5	133.5	137.1
-80°	57.4	63.3	69.4	75.5	81.7	86.1	90.1	93.9	97.5	99.9	101.9
-82.5°	39.2	43.3	47.6	52.0	56.3	59.6	62.8	65.9	68.9	70.0	70.8
-85°	25.1	27.1	29.3	31.7	34.2	36.0	37.7	39.4	40.9	42.4	43.8
-87.5°	13.9	14.3	14.7	15.1	15.4	16.7	17.9	19.2	20.5	20.7	20.9
-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: P627258 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°
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	0.4	0.9
62.5°	3.8	4.0	4.2	4.2	4.2	4.0	3.8	3.4	3.0	3.3	3.8
60°	14.5	12.9	12.6	12.7	12.6	12.9	14.5	15.4	15.5	18.1	18.8
57.5°	64.6	71.8	73.8	72.1	73.8	71.8	64.6	56.9	49.2	48.2	49.3
55°	94.0	96.2	97.3	97.6	97.3	96.2	94.0	90.2	84.7	79.4	75.1
52.5°	115.2	114.5	114.3	114.6	114.3	114.5	115.2	114.8	112.6	107.4	99.2
50°	173.1	169.9	168.7	169.7	168.7	169.9	173.1	172.4	163.5	147.8	135.3
47.5°	221.3	222.3	223.8	224.9	223.8	222.3	221.3	220.3	211.5	194.6	176.7
45°	258.4	260.7	262.3	263.1	262.3	260.7	258.4	255.0	242.9	225.3	205.3
42.5°	296.4	296.6	296.2	297.0	296.2	296.6	296.4	293.4	279.9	261.6	240.6
40°	349.9	351.0	349.9	348.0	349.9	351.0	349.9	345.4	334.1	311.6	287.9
37.5°	457.3	458.8	453.8	449.8	453.8	458.8	457.3	447.6	430.9	400.4	370.2
35°	632.4	650.5	659.2	662.0	659.2	650.5	632.4	607.8	580.9	551.4	480.8
32.5°	833.5	858.7	871.4	882.6	871.4	858.7	833.5	799.9	751.4	684.9	599.1
30°	1121.7	1168.3	1188.8	1217.9	1188.8	1168.3	1121.7	1063.1	973.8	868.2	747.2
27.5°	1591.9	1673.7	1719.0	1761.0	1719.0	1673.7	1591.9	1491.0	1313.3	1164.5	962.5
25°	2395.3	2552.9	2654.9	2703.1	2654.9	2552.9	2395.3	2191.1	1910.1	1641.6	1310.5
22.5°	3726.3	4016.9	4241.0	4285.9	4241.0	4016.9	3726.3	3287.5	2834.0	2363.0	1853.6
20°	5793.1	6208.9	6547.1	6717.4	6547.1	6208.9	5793.1	5048.0	4279.9	3482.1	2733.0
17.5°	9602.3	10467.1	10862.1	10927.0	10862.1	10467.1	9602.3	8195.1	7013.7	5660.5	4167.3
15°	15269.2	16732.6	17661.5	18259.7	17661.5	16732.6	15269.2	12865.7	10625.7	8504.8	6177.7
12.5°	21735.0	25893.1	28259.1	29161.2	28259.1	25893.1	21735.0	17945.1	14304.3	11107.9	8194.0
10°	30510.5	40299.3	45945.9	48787.3	45945.9	40299.3	30510.5	24310.8	18490.7	13760.3	9888.1
7.5°	45404.7	60523.6	77274.7	85024.5	77274.7	60523.6	45404.7	31037.2	22893.3	16626.5	11785.6
5°	61062.0	94256.9	123392.5	137344.5	123392.5	94256.9	61062.0	41371.8	27570.3	19173.9	13447.2
2.5°	79057.7	123824.2	165214.5	182618.2	165214.5	123824.2	79057.7	48933.7	31028.0	20690.2	14387.4
0°	85983.5	138129.5	183396.8	200479.0	183396.8	138129.5	85983.5	50561.1	31652.1	21234.4	14559.4
-2.5°	80128.3	125993.0	165925.6	185444.3	165925.6	125993.0	80128.3	48743.5	31310.2	21213.9	14696.8
-5°	63666.1	94776.4	124350.5	140255.5	124350.5	94776.4	63666.1	42900.1	28617.3	19934.1	13927.8
-7.5°	46727.0	63663.1	80087.4	85830.8	80087.4	63663.1	46727.0	33043.5	24197.7	17604.8	12653.8
-10°	32532.2	42230.5	48632.3	50459.2	48632.3	42230.5	32532.2	25982.6	19972.5	15086.6	10971.8
-12.5°	24119.4	28361.4	31312.9	31826.1	31312.9	28361.4	24119.4	20067.1	15914.1	12482.7	9437.1
-15°	17859.8	20017.0	21539.3	21641.7	21539.3	20017.0	17859.8	15407.6	12629.4	10024.1	7581.0
-17.5°	13055.6	14503.6	15271.8	15217.1	15271.8	14503.6	13055.6	11301.7	9655.3	7671.8	5876.5
-20°	9335.5	10208.3	10827.3	10706.3	10827.3	10208.3	9335.5	8167.6	7030.3	5635.7	4451.0



REPORT NUMBER: P627258 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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°	6509.4	7088.8	7451.5	7358.2	7451.5	7088.8	6509.4	5707.6	4919.6	4119.1	3252.8
-25°	4423.0	4738.7	4918.3	4888.5	4918.3	4738.7	4423.0	3965.9	3425.2	2937.9	2366.8
-27.5°	3014.0	3180.8	3236.4	3233.5	3236.4	3180.8	3014.0	2735.7	2363.4	2117.5	1817.2
-30°	2092.0	2204.1	2268.2	2227.8	2268.2	2204.1	2092.0	1947.8	1754.0	1595.9	1422.5
-32.5°	1559.2	1622.4	1659.0	1621.0	1659.0	1622.4	1559.2	1479.7	1376.8	1265.6	1145.1
-35°	1228.8	1260.7	1273.7	1251.8	1273.7	1260.7	1228.8	1179.8	1113.6	1038.7	955.3
-37.5°	1001.8	1020.5	1026.9	1014.2	1026.9	1020.5	1001.8	972.6	932.4	883.7	828.7
-40°	848.9	860.4	863.2	852.9	863.2	860.4	848.9	831.5	807.1	777.5	738.9
-42.5°	742.7	749.6	751.2	746.9	751.2	749.6	742.7	731.6	714.0	691.0	664.8
-45°	663.8	669.7	670.8	666.2	670.8	669.7	663.8	655.1	640.4	620.6	597.3
-47.5°	599.9	603.5	604.4	602.6	604.4	603.5	599.9	594.3	583.0	565.8	545.5
-50°	550.9	553.4	553.7	551.7	553.7	553.4	550.9	546.9	538.1	521.2	501.8
-52.5°	510.0	511.7	512.9	513.5	512.9	511.7	510.0	506.8	500.1	484.2	467.2
-55°	475.4	477.7	479.0	479.5	479.0	477.7	475.4	472.3	467.8	452.7	435.9
-57.5°	446.1	448.2	449.4	449.8	449.4	448.2	446.1	443.2	439.6	425.1	408.9
-60°	415.5	418.0	419.6	420.1	419.6	418.0	415.5	412.1	408.1	395.4	380.3
-62.5°	375.1	376.2	377.3	377.7	377.3	376.2	375.1	372.9	369.7	359.7	346.1
-65°	335.5	337.8	339.1	339.5	339.1	337.8	335.5	332.2	327.8	319.0	306.7
-67.5°	292.5	295.4	298.6	301.3	298.6	295.4	292.5	288.7	284.1	276.6	266.1
-70°	253.6	257.4	258.6	258.9	258.6	257.4	253.6	249.3	244.3	237.7	228.7
-72.5°	215.9	219.4	222.4	224.9	222.4	219.4	215.9	211.9	207.3	201.6	193.9
-75°	178.1	181.5	182.3	182.5	182.3	181.5	178.1	174.4	170.2	165.2	158.3
-77.5°	140.4	143.5	144.1	144.3	144.1	143.5	140.4	137.1	133.5	129.5	124.4
-80°	103.8	105.5	108.0	110.3	108.0	105.5	103.8	101.9	99.9	97.5	93.9
-82.5°	71.4	71.8	72.0	72.1	72.0	71.8	71.4	70.8	70.0	68.9	65.9
-85°	45.2	46.5	46.7	46.7	46.7	46.5	45.2	43.8	42.4	40.9	39.4
-87.5°	21.0	21.1	21.2	21.2	21.2	21.1	21.0	20.9	20.7	20.5	19.2
-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: P627258 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-727-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	0.3
65°	1.0	0.8	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1	1.1
62.5°	4.3	4.7	4.8	4.4	3.3	2.1	2.5	3.0	2.0	0.4	1.4
60°	16.0	10.1	14.4	15.8	13.9	10.0	10.2	9.5	7.8	6.2	4.1
57.5°	52.3	50.6	41.5	35.8	34.1	30.2	24.9	19.8	17.5	14.1	10.0
55°	72.1	69.2	64.2	57.4	49.7	47.5	43.1	37.0	31.1	24.1	19.5
52.5°	88.7	89.4	86.6	78.4	71.5	67.0	61.0	55.2	48.0	41.2	32.1
50°	126.6	121.8	117.3	112.6	101.8	91.2	83.8	75.8	65.4	57.8	50.1
47.5°	161.7	154.5	149.7	143.5	131.1	120.1	108.4	97.0	84.2	72.1	64.6
45°	191.7	181.3	171.9	164.2	153.6	140.9	130.5	117.9	103.2	89.2	76.2
42.5°	222.2	206.3	193.7	185.9	173.0	160.0	148.2	138.5	122.6	106.3	93.1
40°	262.7	231.0	219.1	216.0	203.8	183.0	173.1	162.5	145.5	124.2	111.2
37.5°	329.5	287.0	266.2	255.3	244.1	222.5	203.2	189.3	174.0	150.0	131.5
35°	424.1	374.2	328.8	305.3	292.2	262.8	237.4	218.2	200.0	177.3	153.2
32.5°	507.2	450.9	396.6	355.6	326.1	299.1	270.6	246.9	223.1	199.8	176.1
30°	628.3	534.4	459.6	401.8	363.8	330.2	300.0	271.5	244.5	220.0	196.2
27.5°	792.9	643.0	541.4	460.1	403.5	363.5	329.2	295.7	265.0	238.6	214.1
25°	1035.0	795.3	643.4	533.7	451.7	400.4	361.1	322.5	286.5	256.5	235.8
22.5°	1382.7	1055.3	804.9	613.3	521.9	456.8	398.9	350.3	309.5	282.7	258.2
20°	1981.5	1412.6	1042.5	796.5	628.2	523.8	444.5	387.4	345.8	311.2	280.8
17.5°	3005.1	2082.1	1349.9	1025.6	786.1	623.8	509.6	433.8	381.3	339.9	303.6
15°	4259.3	2857.4	1887.1	1321.5	963.4	707.1	570.7	479.8	417.8	370.0	326.6
12.5°	5565.5	3595.3	2332.1	1546.2	1090.2	795.9	634.8	532.3	454.3	391.8	341.8
10°	6700.3	4353.6	2780.4	1811.7	1233.5	881.2	685.6	565.4	476.1	407.4	354.6
7.5°	7954.0	5129.0	3193.2	2006.0	1351.9	949.5	719.9	587.6	494.1	420.5	365.3
5°	8882.9	5720.9	3542.4	2183.3	1440.9	1001.7	746.7	603.5	508.2	430.9	373.7
2.5°	9506.1	6133.1	3761.5	2305.3	1496.0	1041.7	768.2	618.4	519.1	441.5	383.0
0°	9700.6	6174.3	3929.5	2380.6	1531.9	1077.8	785.0	632.3	526.2	449.8	390.4
-2.5°	9760.0	6245.0	3912.6	2397.1	1544.2	1097.1	792.2	634.9	531.7	453.0	391.4
-5°	9372.4	6062.1	3825.0	2380.3	1534.9	1096.9	804.1	639.5	534.8	454.1	390.5
-7.5°	8691.3	5666.6	3595.3	2272.4	1490.5	1079.4	812.7	645.5	537.7	457.4	393.6
-10°	7655.6	5032.2	3238.3	2091.5	1416.4	1045.8	804.8	642.2	535.9	456.8	394.3
-12.5°	6613.6	4321.4	2776.0	1838.1	1295.5	983.8	774.6	629.1	529.2	452.1	392.4
-15°	5290.4	3617.0	2433.2	1664.2	1186.6	917.0	736.3	608.5	517.8	443.7	388.0
-17.5°	4249.3	2934.2	1992.9	1427.4	1081.6	858.3	706.5	591.8	504.5	435.2	382.0
-20°	3268.8	2311.0	1687.4	1255.9	973.5	786.1	666.1	567.2	489.1	426.3	376.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627258 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3E-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°	2463.4	1871.6	1400.5	1079.5	872.8	730.2	625.7	539.8	470.4	413.7	368.8
-25°	1914.0	1492.8	1171.3	953.5	784.0	668.7	588.1	518.0	455.6	401.1	359.9
-27.5°	1513.7	1212.1	1005.3	836.3	712.1	626.9	557.7	495.5	439.7	391.6	350.8
-30°	1225.7	1030.0	870.6	743.9	655.3	584.1	528.4	476.3	424.8	379.5	341.0
-32.5°	1004.1	883.8	764.0	673.1	599.5	544.9	499.6	455.7	406.7	366.9	330.8
-35°	859.7	772.3	687.2	614.7	552.6	511.0	470.7	429.7	389.8	352.8	319.2
-37.5°	759.3	687.8	623.8	565.4	519.2	480.0	444.7	408.4	372.2	338.2	307.2
-40°	681.0	620.4	569.8	525.3	488.3	454.9	422.7	389.2	357.0	322.9	294.2
-42.5°	617.1	569.2	525.4	491.3	459.9	431.4	403.0	373.8	342.2	310.0	279.7
-45°	564.3	526.7	490.1	459.8	433.0	409.0	387.2	358.1	327.2	294.9	264.2
-47.5°	520.1	489.0	458.4	430.2	408.1	387.3	366.4	340.7	308.2	277.8	251.6
-50°	480.9	455.8	429.9	403.9	384.5	365.5	343.4	316.5	288.5	263.5	238.9
-52.5°	449.2	426.6	404.0	382.3	363.3	343.4	319.7	296.4	272.5	249.1	226.3
-55°	417.3	398.8	380.8	362.9	345.0	324.4	302.5	279.4	256.0	234.0	210.9
-57.5°	392.1	375.2	358.9	342.7	326.7	306.3	284.1	261.5	237.3	215.1	193.4
-60°	365.4	350.7	334.6	318.8	303.7	285.6	261.5	238.2	215.9	194.9	173.9
-62.5°	332.1	317.8	303.8	288.6	272.7	254.8	232.8	211.4	192.1	173.8	154.9
-65°	293.9	280.7	267.2	252.2	235.5	217.1	198.4	182.7	167.8	152.3	135.7
-67.5°	254.8	242.9	229.0	213.9	199.6	184.7	171.3	157.9	144.0	129.7	114.7
-70°	219.4	209.9	198.6	185.5	171.9	158.0	145.2	132.6	119.7	107.8	96.3
-72.5°	185.6	176.9	166.6	154.6	142.6	131.0	120.1	110.0	99.9	90.0	79.8
-75°	151.2	143.9	135.8	126.1	116.3	106.5	97.6	89.3	80.9	72.2	63.5
-77.5°	119.2	113.9	108.0	100.3	92.7	85.0	77.5	70.0	63.0	56.4	50.4
-80°	90.1	86.1	81.7	75.5	69.4	63.3	57.4	52.3	47.5	43.1	38.9
-82.5°	62.8	59.6	56.3	52.0	47.6	43.3	39.2	36.1	33.1	30.2	27.4
-85°	37.7	36.0	34.2	31.7	29.3	27.1	25.1	23.3	21.6	19.8	18.0
-87.5°	17.9	16.7	15.4	15.1	14.7	14.3	13.9	12.6	11.4	10.1	9.0
-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: P627258 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-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	0.2	0.4	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.9	0.9	0.3
70°	0.0	0.0	0.0	0.4	0.4	0.0	0.0	0.6	1.6	1.8	1.3
67.5°	0.0	0.0	0.0	0.9	1.4	1.2	0.3	0.7	1.7	2.7	2.4
65°	1.4	1.0	0.1	1.1	2.1	2.7	2.1	1.3	1.9	2.8	3.5
62.5°	2.5	3.2	2.4	1.7	2.3	3.3	3.9	2.6	2.2	3.0	3.9
60°	2.8	3.8	4.3	3.3	2.9	3.5	4.2	3.8	3.0	3.2	4.1
57.5°	7.4	4.8	4.8	4.5	3.8	3.9	4.2	4.2	3.7	3.5	4.2
55°	13.8	10.1	7.1	5.7	4.8	4.2	4.3	4.2	4.2	3.9	4.2
52.5°	24.1	17.5	12.8	8.7	6.4	4.8	4.8	4.2	4.2	4.1	4.2
50°	38.4	27.6	20.2	14.5	9.1	7.1	5.5	4.9	4.2	4.2	4.2
47.5°	56.1	41.2	29.5	21.3	14.9	9.6	7.5	5.8	4.2	4.2	4.2
45°	69.3	57.5	41.1	29.8	21.0	14.5	10.2	7.0	5.2	4.3	4.2
42.5°	82.2	71.6	56.0	38.1	28.8	19.9	13.0	9.4	6.4	4.6	4.4
40°	98.7	85.4	70.2	52.0	37.5	25.3	17.7	12.1	7.8	5.4	4.7
37.5°	115.7	100.9	84.2	65.3	47.3	33.6	22.4	14.9	9.8	6.9	5.1
35°	134.8	117.0	98.1	78.1	58.8	42.1	26.9	18.3	12.5	8.4	5.6
32.5°	154.1	132.4	111.1	90.5	69.7	50.9	33.4	22.7	15.1	10.1	6.2
30°	172.9	147.7	123.1	102.3	80.0	60.1	41.4	27.5	17.6	11.8	7.1
27.5°	189.8	162.8	134.6	112.8	90.3	68.8	49.5	32.6	20.0	13.7	8.4
25°	207.6	178.0	147.8	122.2	100.0	77.6	57.0	38.1	23.6	15.7	9.8
22.5°	227.9	193.4	160.6	130.7	110.2	86.1	64.2	44.6	27.8	17.6	11.2
20°	249.5	208.6	173.4	142.7	119.8	94.9	71.4	50.5	32.2	19.5	12.5
17.5°	271.8	225.3	188.8	156.5	129.3	103.2	78.2	56.0	36.5	21.2	13.9
15°	286.9	242.0	202.7	169.3	138.8	110.8	84.6	60.9	40.8	22.8	15.2
12.5°	299.5	256.5	215.0	181.2	148.1	117.7	90.6	65.4	45.0	24.9	16.5
10°	310.7	268.6	225.7	192.1	157.2	124.0	96.1	69.3	48.9	27.6	17.6
7.5°	320.3	278.6	234.9	201.9	165.8	130.4	100.7	72.7	52.2	30.4	18.7
5°	328.4	287.3	242.5	208.3	173.8	137.0	104.5	75.8	55.1	33.1	19.6
2.5°	334.8	295.1	249.1	212.9	180.8	143.1	107.8	78.4	57.4	35.8	20.5
0°	339.5	301.3	254.6	216.4	186.7	148.5	110.3	80.6	59.4	38.2	21.2
-2.5°	342.6	302.3	260.5	220.4	190.2	152.9	115.5	83.4	61.0	40.4	22.5
-5°	343.9	302.2	264.8	223.5	192.8	156.5	119.8	85.6	62.2	42.2	23.6
-7.5°	345.8	303.6	267.2	225.9	194.5	159.2	123.1	87.3	63.2	43.7	24.7
-10°	346.5	305.0	267.8	228.9	195.9	161.2	125.3	88.4	63.8	44.8	25.6
-12.5°	345.5	304.9	267.6	230.5	196.6	162.4	126.4	90.0	64.5	45.5	26.4
-15°	342.8	303.1	266.9	230.7	196.5	162.8	126.7	91.5	65.8	45.7	27.0
-17.5°	338.5	299.6	266.0	229.3	195.7	162.5	126.4	92.2	66.4	45.4	27.7
-20°	334.3	296.3	264.6	226.2	194.2	161.6	125.3	92.1	66.4	44.7	28.2

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Scaled Data Report



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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°	328.8	293.3	259.8	223.2	192.1	160.1	123.5	91.0	65.6	43.7	28.6
-25°	321.9	288.7	254.5	220.8	189.4	157.2	121.5	89.0	64.1	42.4	28.7
-27.5°	314.9	282.5	248.8	217.5	185.7	153.5	118.7	87.1	61.9	40.7	28.6
-30°	306.8	275.5	243.9	212.9	180.6	148.3	114.8	84.2	59.6	39.8	28.3
-32.5°	297.9	268.5	238.3	206.1	174.1	142.6	109.9	80.2	57.0	39.3	28.0
-35°	289.0	260.6	231.5	197.6	167.1	136.4	104.8	75.1	54.0	38.5	27.6
-37.5°	278.5	250.9	220.6	188.4	159.7	129.7	100.1	72.2	50.6	37.4	27.1
-40°	266.6	239.0	208.1	179.9	151.9	122.5	95.0	69.5	48.4	36.0	26.5
-42.5°	253.2	225.7	198.0	171.1	143.6	116.5	89.8	66.2	47.4	34.8	25.7
-45°	239.4	213.6	188.6	162.1	135.4	110.2	85.4	62.6	46.0	33.8	24.9
-47.5°	226.6	203.4	178.4	152.4	128.2	103.8	80.2	60.2	44.0	32.7	24.1
-50°	215.7	192.2	167.2	142.5	119.8	97.2	74.9	57.1	42.3	31.4	23.0
-52.5°	203.2	179.4	155.0	131.7	110.7	89.8	70.4	53.4	40.0	29.8	21.8
-55°	188.3	164.7	141.3	120.9	101.3	82.9	65.0	49.5	37.0	28.1	20.3
-57.5°	170.9	148.0	128.8	110.2	91.8	75.1	59.1	44.9	34.3	26.0	18.7
-60°	153.0	134.5	116.9	98.8	81.9	66.6	52.3	40.2	31.6	23.8	16.9
-62.5°	137.1	120.2	102.9	86.3	71.5	57.8	45.4	36.6	28.5	21.3	14.9
-65°	119.3	103.2	87.8	74.1	61.0	49.5	40.7	32.6	25.3	18.7	13.1
-67.5°	100.1	87.3	74.3	61.9	52.2	43.6	35.7	28.4	21.8	15.8	12.1
-70°	84.6	72.6	62.0	53.1	45.1	37.5	30.5	24.0	18.1	14.2	10.9
-72.5°	69.8	60.6	52.2	44.6	37.6	31.0	25.0	19.7	15.8	12.4	9.6
-75°	55.6	48.9	42.3	35.8	29.9	24.5	20.5	16.6	13.3	10.5	8.4
-77.5°	44.5	38.6	32.5	27.9	24.3	20.6	16.9	13.3	11.0	9.1	7.2
-80°	34.3	30.1	26.5	23.3	19.9	16.6	13.7	11.2	9.5	7.8	6.0
-82.5°	24.7	22.5	20.5	18.6	16.0	13.6	11.4	9.5	8.0	6.4	4.7
-85°	16.8	15.7	14.8	13.9	12.2	10.6	8.8	7.1	5.7	4.3	3.2
-87.5°	8.6	8.2	7.7	7.3	6.3	5.3	4.4	3.6	2.8	2.2	1.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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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	0.3	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.4	0.0
77.5°	0.0	0.1	0.0	0.0	0.0	0.5	0.0
75°	0.1	0.3	0.1	0.0	0.1	0.6	0.0
72.5°	0.2	0.6	0.5	0.0	0.1	0.7	0.0
70°	0.5	0.9	0.9	0.1	0.2	0.8	0.0
67.5°	1.5	1.3	1.3	0.5	0.2	0.9	0.0
65°	2.4	1.8	1.7	0.9	0.3	1.0	0.0
62.5°	3.3	2.4	2.2	1.3	0.4	1.1	0.0
60°	4.1	2.9	2.6	1.8	0.6	1.2	0.0
57.5°	4.2	3.4	3.0	2.2	0.9	1.3	0.0
55°	4.2	3.9	3.2	2.7	1.3	1.4	0.0
52.5°	4.2	4.2	3.5	3.1	1.6	1.5	0.0
50°	4.2	4.2	3.7	3.6	1.9	1.7	0.0
47.5°	4.2	4.2	3.9	4.0	2.2	1.8	0.0
45°	4.2	4.2	4.0	4.1	2.5	1.9	0.0
42.5°	4.2	4.2	4.2	4.2	2.7	2.0	0.0
40°	4.2	4.2	4.2	4.2	2.9	2.2	0.0
37.5°	4.2	4.2	4.2	4.2	3.1	2.3	0.0
35°	4.2	4.2	4.2	4.2	3.3	2.5	0.0
32.5°	4.3	4.2	4.2	4.2	3.5	2.6	0.0
30°	4.8	4.2	4.2	4.2	3.6	2.7	0.0
27.5°	5.3	4.2	4.2	4.2	3.8	2.9	0.0
25°	5.8	4.2	4.2	4.2	3.9	3.0	0.0
22.5°	6.3	4.3	4.2	4.2	4.0	3.1	0.0
20°	6.8	4.6	4.2	4.2	4.0	3.3	0.0
17.5°	7.6	5.0	4.2	4.2	4.1	3.4	0.0
15°	8.5	5.4	4.2	4.2	4.1	3.5	0.0
12.5°	9.3	5.9	4.2	4.2	4.2	3.7	0.0
10°	10.1	6.4	4.2	4.2	4.2	3.8	0.0
7.5°	10.8	6.9	4.2	4.2	4.2	3.9	0.0
5°	11.5	7.5	4.2	4.2	4.2	4.0	0.0
2.5°	12.1	8.0	4.2	4.2	4.2	4.1	0.0
0°	12.7	8.5	4.2	4.2	4.2	4.2	0.0
-2.5°	13.8	8.9	4.6	4.2	4.2	4.2	0.0
-5°	14.8	9.3	4.9	4.2	4.2	4.2	0.0
-7.5°	15.8	9.7	5.3	4.2	4.2	4.2	0.0
-10°	16.6	10.0	5.6	4.2	4.2	4.1	0.0
-12.5°	17.3	10.3	5.9	4.2	4.2	4.1	0.0
-15°	17.9	10.5	6.1	4.2	4.2	4.1	0.0
-17.5°	18.2	10.7	6.3	4.2	4.2	4.0	0.0
-20°	18.5	10.9	6.4	4.2	4.2	3.9	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	18.7	11.0	6.5	4.2	4.2	3.9	0.0
-25°	18.8	11.2	6.5	4.2	4.2	3.8	0.0
-27.5°	18.8	11.5	6.4	4.2	4.2	3.7	0.0
-30°	18.7	11.7	6.2	4.2	4.2	3.6	0.0
-32.5°	18.5	11.8	6.2	4.2	4.2	3.5	0.0
-35°	18.5	11.8	6.1	4.2	4.2	3.4	0.0
-37.5°	18.4	11.7	6.0	4.2	4.2	3.3	0.0
-40°	18.2	11.4	5.7	4.2	4.2	3.2	0.0
-42.5°	17.8	11.1	5.7	4.2	4.2	3.1	0.0
-45°	17.2	10.6	5.8	4.4	4.2	3.0	0.0
-47.5°	16.5	10.1	5.9	4.4	4.2	2.8	0.0
-50°	15.7	9.4	6.0	4.5	4.2	2.7	0.0
-52.5°	14.7	8.6	6.0	4.5	4.2	2.6	0.0
-55°	13.5	8.4	6.0	4.6	4.2	2.4	0.0
-57.5°	12.3	8.2	5.9	4.5	4.2	2.3	0.0
-60°	11.0	7.9	5.8	4.5	4.2	2.1	0.0
-62.5°	10.4	7.6	5.6	4.5	3.9	1.9	0.0
-65°	9.8	7.2	5.4	4.4	3.5	1.8	0.0
-67.5°	9.1	6.7	5.2	4.3	3.2	1.6	0.0
-70°	8.2	6.2	4.9	4.2	2.9	1.4	0.0
-72.5°	7.4	5.7	4.6	3.8	2.5	1.3	0.0
-75°	6.4	5.1	4.3	3.3	2.2	1.1	0.0
-77.5°	5.4	4.4	3.6	2.7	1.8	0.9	0.0
-80°	4.3	3.6	2.9	2.2	1.5	0.7	0.0
-82.5°	3.3	2.7	2.2	1.6	1.1	0.5	0.0
-85°	2.2	1.8	1.5	1.1	0.7	0.4	0.0
-87.5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)