

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: P626897 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2C-727-U-MWR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P626897 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2C-727-U-MWR-XX
Description: GALLEON FLOOD, TWO LIGHT SQUARE, MEDIUM WIDE SYMMETRICAL ROUND N40
Light Source: (32) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10272 lumens
Efficiency: N/A
Efficacy: 84.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 5H x 5V
Max Intensity: 12069.2 candela
Max Intensity Angle: -7.5°H x 10°V

Beam Angle (50%): 51°H x 52.3°V
Beam Lumens: 6817.9 lumens
Beam Efficiency: 66.4%

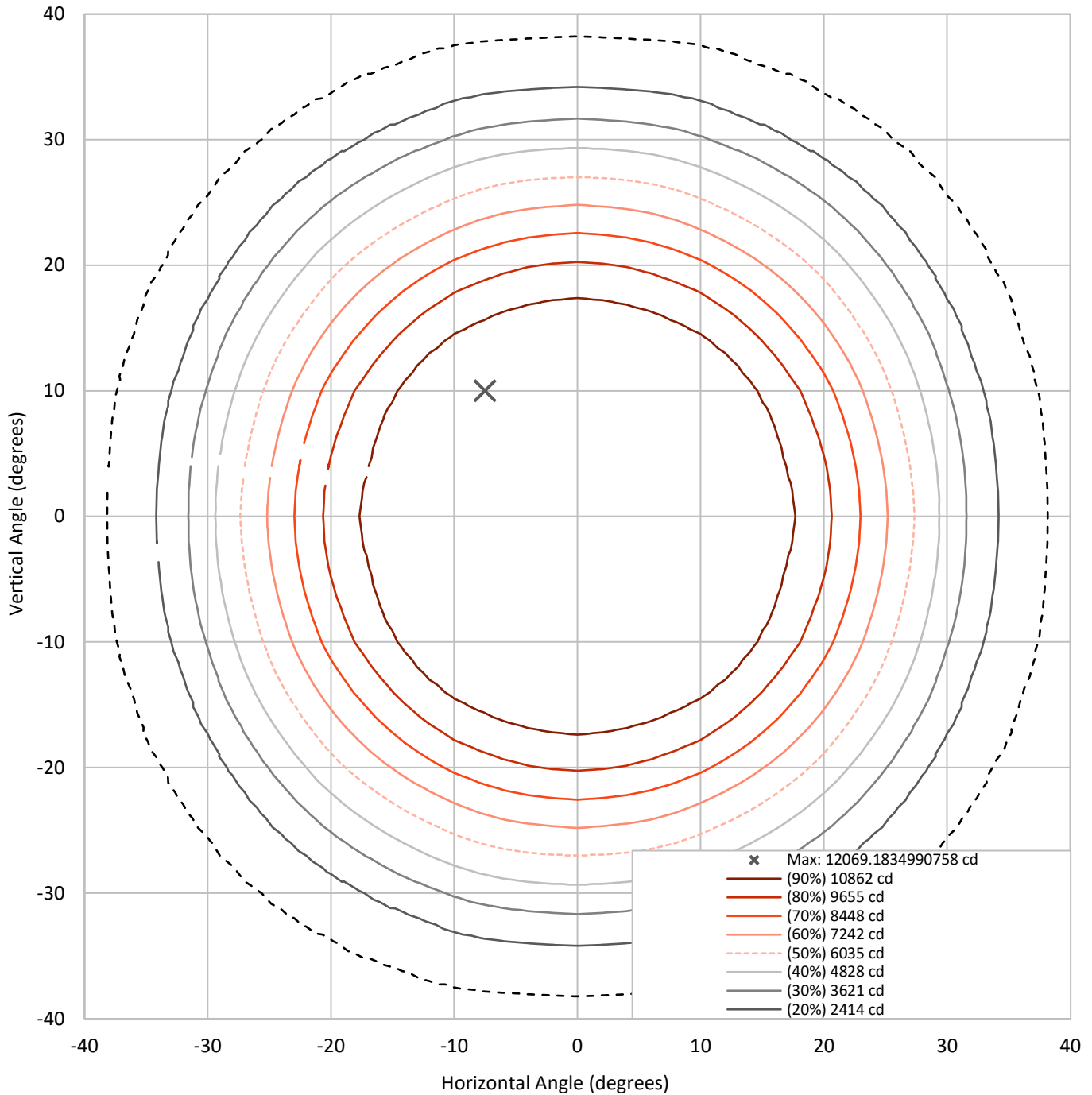
Field Angle (10%): 74.5°H x 75.5°V
Field Lumens: 8865.3 lumens
Field Efficiency: 86.3%

Input Watts (W): 121.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Candela Plot





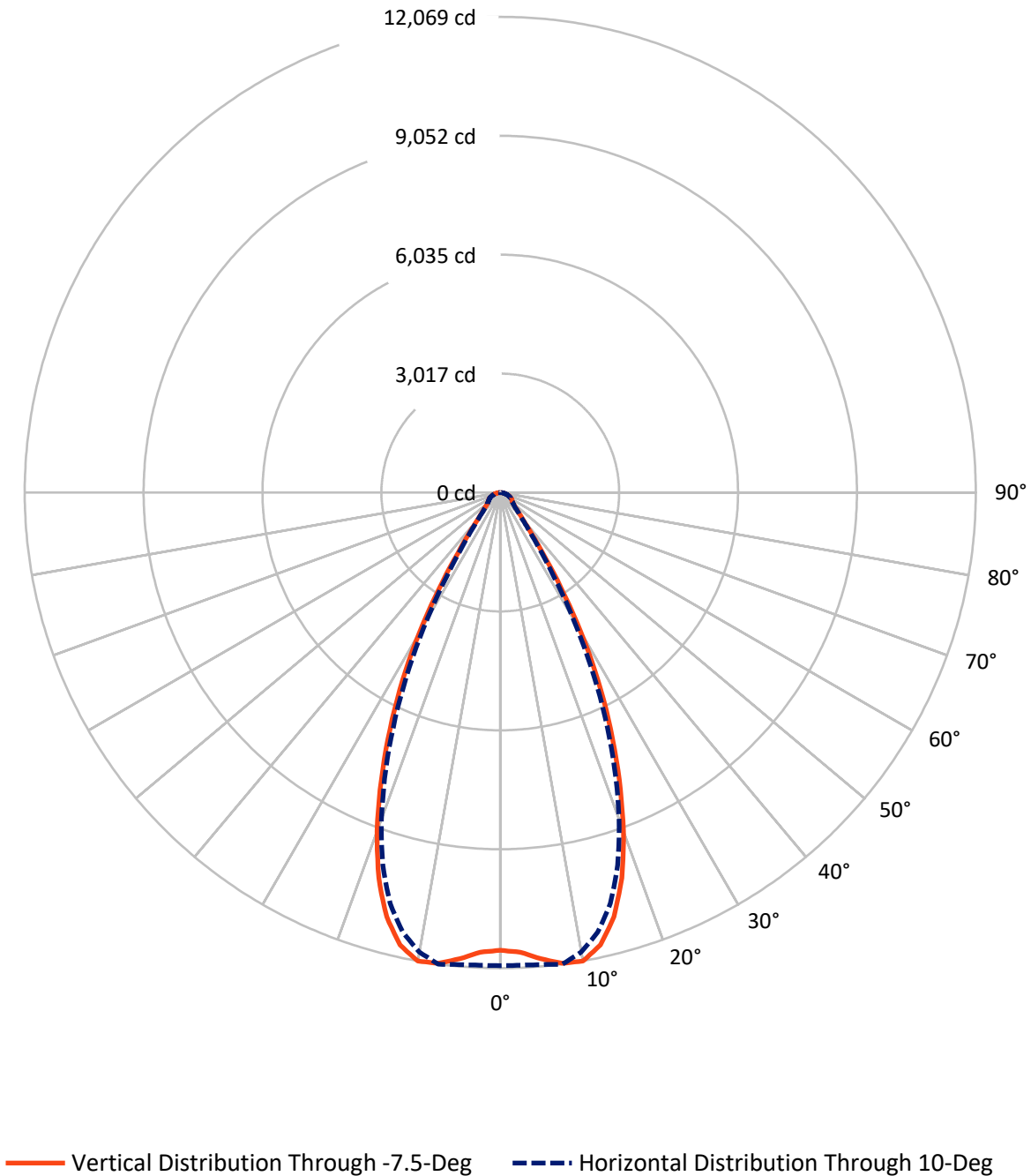
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Lumen Table

90	0.3	2.4		6.4		10.2		11.4		10.2		6.4		2.4		0.3			
80	0.3	2.4		6.4		10.2		11.4		10.2		6.4		2.4		0.3			
70	1.1	1.2	2.5	4.1	5.8	7.0	7.9	8.4	8.4	7.9	7.0	5.8	4.1	2.5	1.2	1.1			
60		1.8	3.7	5.9	7.9	9.6	10.7	11.2	11.2	10.7	9.6	7.9	5.9	3.7	1.8				
50	1.9	2.4	4.7	7.2	9.6	12.5	15.8	18.1	18.1	15.8	12.5	9.6	7.2	4.7	2.4	1.9			
40		2.8	5.5	8.3	12.8	23.3	44.7	66.2	66.2	44.7	23.3	12.8	8.3	5.5	2.8				
30	2.5	3.2	5.9	9.7	21.0	65.9	147.9	206.6	206.6	147.9	65.9	21.0	9.7	5.9	3.2	2.5			
20		3.4	6.3	11.5	38.0	140.6	268.5	336.0	336.0	268.5	140.6	38.0	11.5	6.3	3.4				
10	2.7	3.5	6.4	12.9	54.8	192.4	325.7	354.4	354.4	325.7	192.4	54.8	12.9	6.4	3.5	2.7			
0		3.5	6.4	12.9	54.8	192.4	325.7	354.4	354.4	325.7	192.4	54.8	12.9	6.4	3.5				
-10	2.5	3.4	6.3	11.5	38.0	140.6	268.5	336.0	336.0	268.5	140.6	38.0	11.5	6.3	3.4	2.5			
-20		3.2	5.9	9.7	21.0	65.9	147.9	206.6	206.6	147.9	65.9	21.0	9.7	5.9	3.2				
-30	1.9	2.8	5.5	8.3	12.8	23.3	44.7	66.2	66.2	44.7	23.3	12.8	8.3	5.5	2.8	1.9			
-40		2.4	4.7	7.2	9.6	12.5	15.8	18.1	18.1	15.8	12.5	9.6	7.2	4.7	2.4				
-50	1.1	1.8	3.7	5.9	7.9	9.6	10.7	11.2	11.2	10.7	9.6	7.9	5.9	3.7	1.8	1.1			
-60		1.2	2.5	4.1	5.8	7.0	7.9	8.4	8.4	7.9	7.0	5.8	4.1	2.5	1.2				
-70	0.3	2.4		6.4		10.2		11.4		10.2		6.4		2.4		0.3			
-80		2.4		6.4		10.2		11.4		10.2		6.4		2.4					
-90	0.3	2.4		6.4		10.2		11.4		10.2		6.4		2.4		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

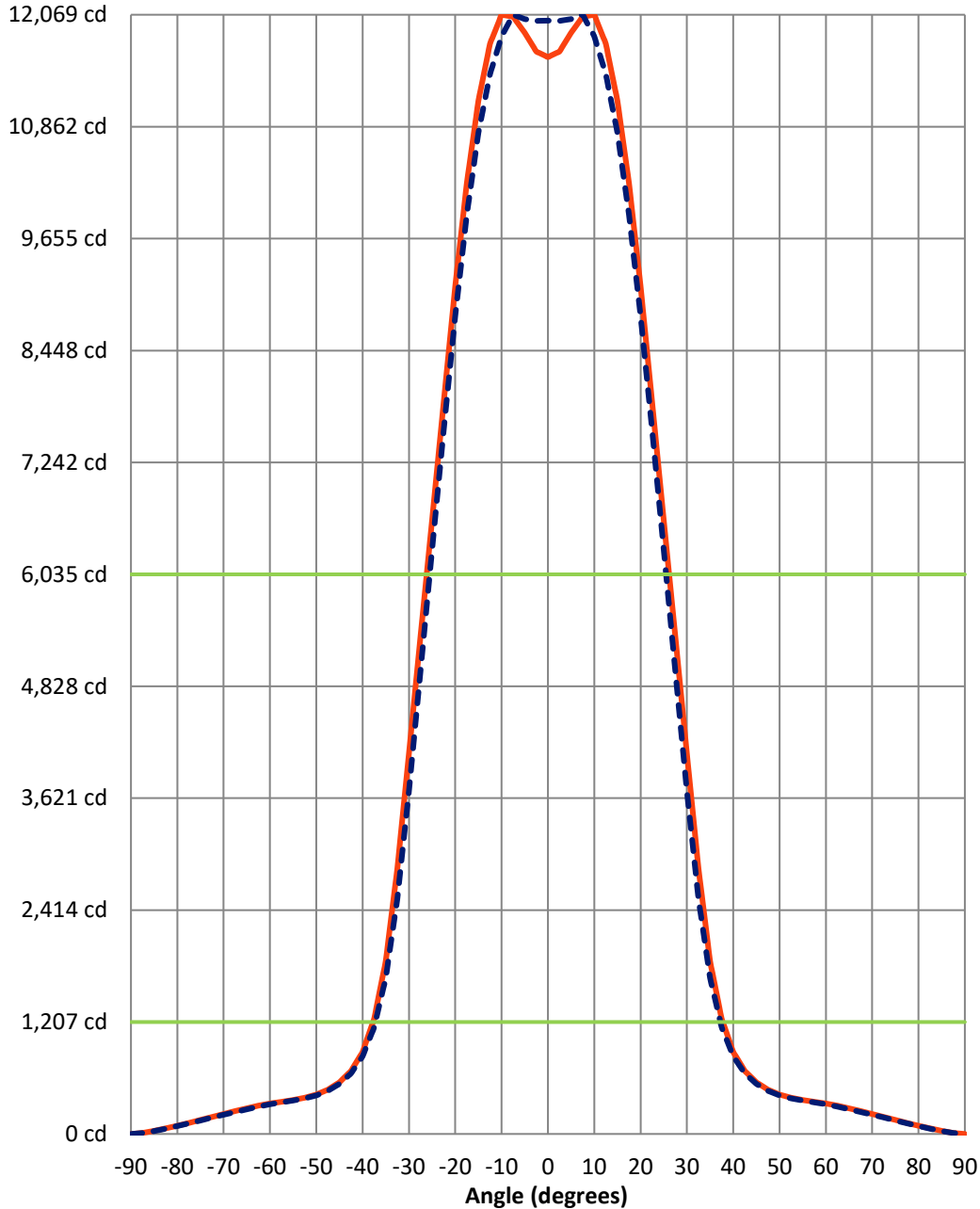
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 6817.9
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 8865.3
 Efficiency: 86.3%

Spill:
 Lumens: 1406.7
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg
 - - Horizontal Distribution through 10-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	0.5	0.9	1.4	1.8	2.3	2.7	3.3	4.0	4.7	5.4
85°	0.0	0.9	1.8	2.8	3.7	4.6	5.5	6.7	8.0	9.3	10.7
82.5°	0.0	1.4	2.8	4.1	5.5	6.9	8.2	10.0	12.1	15.3	18.3
80°	0.0	1.8	3.7	5.5	7.3	9.1	11.3	15.6	19.6	23.5	27.1
77.5°	0.0	2.3	4.6	6.9	9.1	12.3	17.2	22.3	27.1	31.6	36.5
75°	0.0	2.7	5.5	8.2	11.3	17.2	23.0	28.9	34.7	41.3	47.9
72.5°	0.0	3.2	6.4	9.5	15.2	22.0	28.8	35.9	43.7	51.5	59.1
70°	0.0	3.6	7.2	11.1	19.0	26.8	34.7	43.7	52.7	61.5	70.8
67.5°	0.0	4.1	8.1	14.0	22.8	31.5	41.3	51.5	61.5	71.9	82.4
65°	0.0	4.5	9.0	16.7	26.5	36.5	47.7	59.1	70.4	82.0	94.2
62.5°	0.0	4.9	9.8	19.5	30.1	41.6	54.0	66.6	79.1	92.1	106.9
60°	0.0	5.3	10.6	22.1	33.6	46.7	60.2	73.9	87.5	103.2	119.3
57.5°	0.0	5.7	12.3	24.7	37.5	51.6	66.3	81.0	96.7	113.9	131.0
55°	0.0	6.1	13.9	27.2	41.3	56.4	72.3	88.0	105.9	124.2	142.3
52.5°	0.0	6.5	15.5	29.7	44.9	61.0	78.2	95.6	114.7	134.1	153.2
50°	0.0	6.8	17.1	32.1	48.4	65.8	83.9	103.1	123.2	143.6	163.7
47.5°	0.0	7.2	18.5	34.4	51.7	70.5	89.6	110.3	131.3	152.7	173.9
45°	0.0	7.5	19.9	36.8	55.0	74.9	95.4	117.1	139.2	161.5	183.7
42.5°	0.0	7.8	21.3	39.1	58.0	79.3	101.0	123.6	146.6	170.0	193.0
40°	0.0	8.1	22.5	41.2	61.1	83.4	106.3	129.8	153.8	178.0	201.9
37.5°	0.0	8.4	23.7	43.2	64.3	87.4	111.3	135.6	160.6	185.8	210.4
35°	0.0	8.7	24.8	45.0	67.2	91.3	115.9	141.0	167.2	193.1	218.4
32.5°	0.0	8.9	25.9	46.8	70.1	94.9	120.3	146.1	173.4	199.8	225.4
30°	0.0	9.2	26.8	48.4	72.7	98.3	124.3	150.8	179.2	206.0	232.0
27.5°	0.0	9.4	27.7	49.8	75.1	101.4	128.0	155.5	184.6	211.7	238.1
25°	0.0	9.6	28.5	51.2	77.2	104.3	131.4	159.8	189.2	216.7	243.6
22.5°	0.0	9.8	29.2	52.4	79.1	106.8	134.4	163.8	193.4	221.2	248.7
20°	0.0	10.0	29.8	53.5	80.8	109.0	137.0	167.3	197.0	225.2	253.1
17.5°	0.0	10.1	30.3	54.4	82.3	110.8	139.5	170.5	200.2	228.7	257.1
15°	0.0	10.2	30.8	55.2	83.6	112.5	141.6	173.3	202.9	231.7	260.5
12.5°	0.0	10.3	31.1	55.9	84.7	113.8	143.5	175.8	205.4	234.2	263.2
10°	0.0	10.4	31.4	56.4	85.5	114.8	145.0	177.9	207.5	236.5	265.6
7.5°	0.0	10.5	31.6	56.8	86.1	115.6	146.3	179.5	209.1	238.4	267.7
5°	0.0	10.6	31.7	57.0	86.5	116.1	147.2	180.7	210.3	239.7	269.2
2.5°	0.0	10.6	31.8	57.1	86.7	116.3	147.7	181.4	211.0	240.5	270.1
0°	0.0	10.6	31.7	57.0	86.6	116.2	147.9	181.6	211.2	240.8	270.4
-2.5°	0.0	10.6	31.8	57.1	86.7	116.3	147.7	181.4	211.0	240.5	270.1
-5°	0.0	10.6	31.7	57.0	86.5	116.1	147.2	180.7	210.3	239.7	269.2
-7.5°	0.0	10.5	31.6	56.8	86.1	115.6	146.3	179.5	209.1	238.4	267.7
-10°	0.0	10.4	31.4	56.4	85.5	114.8	145.0	177.9	207.5	236.5	265.6
-12.5°	0.0	10.3	31.1	55.9	84.7	113.8	143.5	175.8	205.4	234.2	263.2
-15°	0.0	10.2	30.8	55.2	83.6	112.5	141.6	173.3	202.9	231.7	260.5
-17.5°	0.0	10.1	30.3	54.4	82.3	110.8	139.5	170.5	200.2	228.7	257.1
-20°	0.0	10.0	29.8	53.5	80.8	109.0	137.0	167.3	197.0	225.2	253.1

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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	9.8	29.2	52.4	79.1	106.8	134.4	163.8	193.4	221.2	248.7
-25°	0.0	9.6	28.5	51.2	77.2	104.3	131.4	159.8	189.2	216.7	243.6
-27.5°	0.0	9.4	27.7	49.8	75.1	101.4	128.0	155.5	184.6	211.7	238.1
-30°	0.0	9.2	26.8	48.4	72.7	98.3	124.3	150.8	179.2	206.0	232.0
-32.5°	0.0	8.9	25.9	46.8	70.1	94.9	120.3	146.1	173.4	199.8	225.4
-35°	0.0	8.7	24.8	45.0	67.2	91.3	115.9	141.0	167.2	193.1	218.4
-37.5°	0.0	8.4	23.7	43.2	64.3	87.4	111.3	135.6	160.6	185.8	210.4
-40°	0.0	8.1	22.5	41.2	61.1	83.4	106.3	129.8	153.8	178.0	201.9
-42.5°	0.0	7.8	21.3	39.1	58.0	79.3	101.0	123.6	146.6	170.0	193.0
-45°	0.0	7.5	19.9	36.8	55.0	74.9	95.4	117.1	139.2	161.5	183.7
-47.5°	0.0	7.2	18.5	34.4	51.7	70.5	89.6	110.3	131.3	152.7	173.9
-50°	0.0	6.8	17.1	32.1	48.4	65.8	83.9	103.1	123.2	143.6	163.7
-52.5°	0.0	6.5	15.5	29.7	44.9	61.0	78.2	95.6	114.7	134.1	153.2
-55°	0.0	6.1	13.9	27.2	41.3	56.4	72.3	88.0	105.9	124.2	142.3
-57.5°	0.0	5.7	12.3	24.7	37.5	51.6	66.3	81.0	96.7	113.9	131.0
-60°	0.0	5.3	10.6	22.1	33.6	46.7	60.2	73.9	87.5	103.2	119.3
-62.5°	0.0	4.9	9.8	19.5	30.1	41.6	54.0	66.6	79.1	92.1	106.9
-65°	0.0	4.5	9.0	16.7	26.5	36.5	47.7	59.1	70.4	82.0	94.2
-67.5°	0.0	4.1	8.1	14.0	22.8	31.5	41.3	51.5	61.5	71.9	82.4
-70°	0.0	3.6	7.2	11.1	19.0	26.8	34.7	43.7	52.7	61.5	70.8
-72.5°	0.0	3.2	6.4	9.5	15.2	22.0	28.8	35.9	43.7	51.5	59.1
-75°	0.0	2.7	5.5	8.2	11.3	17.2	23.0	28.9	34.7	41.3	47.9
-77.5°	0.0	2.3	4.6	6.9	9.1	12.3	17.2	22.3	27.1	31.6	36.5
-80°	0.0	1.8	3.7	5.5	7.3	9.1	11.3	15.6	19.6	23.5	27.1
-82.5°	0.0	1.4	2.8	4.1	5.5	6.9	8.2	10.0	12.1	15.3	18.3
-85°	0.0	0.9	1.8	2.8	3.7	4.6	5.5	6.7	8.0	9.3	10.7
-87.5°	0.0	0.5	0.9	1.4	1.8	2.3	2.7	3.3	4.0	4.7	5.4
-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°	5.9	6.3	6.8	7.3	7.7	8.2	8.6	9.0	9.4	9.7	10.1
85°	11.7	12.7	14.4	16.1	17.7	19.3	20.8	22.3	23.7	25.0	26.3
82.5°	20.9	23.7	26.5	29.3	31.8	34.2	36.5	38.9	41.3	43.7	46.1
80°	30.8	34.6	39.0	43.1	46.8	50.2	53.5	56.8	60.2	64.0	67.7
77.5°	42.2	47.6	52.7	57.5	62.1	67.2	72.0	76.7	81.5	86.3	90.9
75°	54.4	60.6	67.1	73.5	79.8	85.8	91.7	97.7	103.8	109.8	115.6
72.5°	67.0	74.8	82.5	90.0	97.7	105.3	112.6	119.7	126.9	134.3	141.4
70°	80.0	89.0	98.5	107.6	116.4	125.2	134.1	142.7	151.1	159.7	168.2
67.5°	93.2	104.5	115.2	125.3	135.6	146.0	156.1	166.3	176.3	186.3	195.8
65°	107.7	120.0	131.7	143.4	155.1	167.3	179.1	190.6	202.1	213.3	223.3
62.5°	122.0	135.1	148.0	161.3	175.2	188.8	201.8	215.0	228.4	240.0	250.2
60°	135.1	149.6	164.1	179.2	194.5	209.3	223.8	238.1	252.5	265.9	274.3
57.5°	147.7	163.8	179.8	196.1	212.3	228.7	244.0	259.7	273.1	284.4	294.1
55°	160.0	177.5	194.6	211.6	229.1	246.3	262.9	277.9	291.0	300.4	309.7
52.5°	172.0	190.5	208.1	226.5	245.1	263.3	280.7	294.6	305.3	314.9	323.6
50°	183.7	202.4	221.0	241.0	260.6	279.9	296.3	308.4	319.3	328.7	337.7
47.5°	194.6	214.1	234.0	255.0	275.7	294.3	309.3	322.0	333.1	343.3	354.0
45°	205.0	225.7	246.7	268.4	289.6	307.6	322.0	335.7	346.1	357.6	369.9
42.5°	215.2	236.9	259.0	281.4	302.7	319.6	334.0	346.5	358.8	372.4	387.3
40°	224.8	247.5	270.5	293.8	315.1	330.0	344.2	357.5	372.4	388.5	405.8
37.5°	233.9	257.5	281.4	305.6	324.2	339.6	354.1	368.9	386.3	404.9	428.3
35°	242.4	266.7	291.4	314.7	332.4	348.7	363.7	380.3	400.5	424.9	454.8
32.5°	250.3	275.3	300.7	322.0	339.9	356.9	372.3	392.9	417.2	446.2	488.7
30°	257.5	283.2	308.7	329.3	346.7	363.8	382.5	405.7	434.1	476.6	530.9
27.5°	264.2	290.3	314.9	335.3	352.8	370.4	392.3	420.4	457.9	508.5	576.0
25°	270.4	297.1	320.8	340.3	358.5	377.9	401.8	433.4	482.6	548.0	639.2
22.5°	276.0	303.2	326.5	344.7	363.7	384.8	412.6	452.2	509.0	585.3	703.0
20°	281.0	307.9	330.8	348.8	368.6	390.5	422.3	470.0	538.5	637.4	787.5
17.5°	285.4	311.9	334.0	352.8	373.3	397.0	431.8	485.5	564.7	682.8	873.0
15°	289.1	315.4	336.7	356.2	377.5	404.4	444.9	505.7	595.2	730.0	947.5
12.5°	292.2	318.3	339.0	358.9	380.9	410.6	456.1	524.7	626.8	788.0	1057.4
10°	294.6	320.5	340.6	361.1	383.5	415.5	465.2	540.3	653.0	838.3	1151.0
7.5°	296.9	322.2	341.8	362.6	385.4	419.2	472.2	552.3	673.1	877.7	1225.2
5°	298.6	323.2	342.5	363.5	387.0	421.6	476.9	560.7	686.9	905.9	1277.3
2.5°	299.6	323.5	342.6	363.7	388.2	422.7	479.3	565.3	697.9	919.3	1305.3
0°	299.9	323.2	342.2	363.3	388.6	422.4	479.5	566.1	703.4	918.8	1309.6
-2.5°	299.6	323.5	342.6	363.7	388.2	422.7	479.3	565.3	697.9	919.3	1305.3
-5°	298.6	323.2	342.5	363.5	387.0	421.6	476.9	560.7	686.9	905.9	1277.3
-7.5°	296.9	322.2	341.8	362.6	385.4	419.2	472.2	552.3	673.1	877.7	1225.2
-10°	294.6	320.5	340.6	361.1	383.5	415.5	465.2	540.3	653.0	838.3	1151.0
-12.5°	292.2	318.3	339.0	358.9	380.9	410.6	456.1	524.7	626.8	788.0	1057.4
-15°	289.1	315.4	336.7	356.2	377.5	404.4	444.9	505.7	595.2	730.0	947.5
-17.5°	285.4	311.9	334.0	352.8	373.3	397.0	431.8	485.5	564.7	682.8	873.0
-20°	281.0	307.9	330.8	348.8	368.6	390.5	422.3	470.0	538.5	637.4	787.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626897 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2C-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	276.0	303.2	326.5	344.7	363.7	384.8	412.6	452.2	509.0	585.3	703.0
-25°	270.4	297.1	320.8	340.3	358.5	377.9	401.8	433.4	482.6	548.0	639.2
-27.5°	264.2	290.3	314.9	335.3	352.8	370.4	392.3	420.4	457.9	508.5	576.0
-30°	257.5	283.2	308.7	329.3	346.7	363.8	382.5	405.7	434.1	476.6	530.9
-32.5°	250.3	275.3	300.7	322.0	339.9	356.9	372.3	392.9	417.2	446.2	488.7
-35°	242.4	266.7	291.4	314.7	332.4	348.7	363.7	380.3	400.5	424.9	454.8
-37.5°	233.9	257.5	281.4	305.6	324.2	339.6	354.1	368.9	386.3	404.9	428.3
-40°	224.8	247.5	270.5	293.8	315.1	330.0	344.2	357.5	372.4	388.5	405.8
-42.5°	215.2	236.9	259.0	281.4	302.7	319.6	334.0	346.5	358.8	372.4	387.3
-45°	205.0	225.7	246.7	268.4	289.6	307.6	322.0	335.7	346.1	357.6	369.9
-47.5°	194.6	214.1	234.0	255.0	275.7	294.3	309.3	322.0	333.1	343.3	354.0
-50°	183.7	202.4	221.0	241.0	260.6	279.9	296.3	308.4	319.3	328.7	337.7
-52.5°	172.0	190.5	208.1	226.5	245.1	263.3	280.7	294.6	305.3	314.9	323.6
-55°	160.0	177.5	194.6	211.6	229.1	246.3	262.9	277.9	291.0	300.4	309.7
-57.5°	147.7	163.8	179.8	196.1	212.3	228.7	244.0	259.7	273.1	284.4	294.1
-60°	135.1	149.6	164.1	179.2	194.5	209.3	223.8	238.1	252.5	265.9	274.3
-62.5°	122.0	135.1	148.0	161.3	175.2	188.8	201.8	215.0	228.4	240.0	250.2
-65°	107.7	120.0	131.7	143.4	155.1	167.3	179.1	190.6	202.1	213.3	223.3
-67.5°	93.2	104.5	115.2	125.3	135.6	146.0	156.1	166.3	176.3	186.3	195.8
-70°	80.0	89.0	98.5	107.6	116.4	125.2	134.1	142.7	151.1	159.7	168.2
-72.5°	67.0	74.8	82.5	90.0	97.7	105.3	112.6	119.7	126.9	134.3	141.4
-75°	54.4	60.6	67.1	73.5	79.8	85.8	91.7	97.7	103.8	109.8	115.6
-77.5°	42.2	47.6	52.7	57.5	62.1	67.2	72.0	76.7	81.5	86.3	90.9
-80°	30.8	34.6	39.0	43.1	46.8	50.2	53.5	56.8	60.2	64.0	67.7
-82.5°	20.9	23.7	26.5	29.3	31.8	34.2	36.5	38.9	41.3	43.7	46.1
-85°	11.7	12.7	14.4	16.1	17.7	19.3	20.8	22.3	23.7	25.0	26.3
-87.5°	5.9	6.3	6.8	7.3	7.7	8.2	8.6	9.0	9.4	9.7	10.1
-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: P626897 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-727-U-MWR-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°	10.4	10.3	10.1	9.9	9.6	10.3	10.9	11.6	12.3	11.9	11.5
85°	27.5	28.1	28.6	29.1	29.5	30.8	32.0	33.2	34.3	34.3	34.2
82.5°	48.4	49.9	51.3	52.5	53.6	55.1	56.5	57.7	58.7	59.4	60.1
80°	71.3	73.8	76.0	78.0	79.7	81.7	83.6	85.3	86.7	87.5	88.0
77.5°	95.5	99.2	102.5	105.6	108.6	111.6	114.3	116.7	118.8	119.3	119.1
75°	121.1	126.1	130.7	135.0	139.0	142.4	145.3	147.8	149.8	150.8	151.3
72.5°	148.1	154.2	159.7	164.6	168.9	172.4	175.5	178.1	180.4	181.8	182.6
70°	176.3	183.5	189.1	193.8	197.4	200.9	204.9	208.6	212.1	214.1	214.8
67.5°	204.5	212.0	217.2	221.4	224.7	228.2	233.1	237.6	241.6	244.3	246.0
65°	232.2	240.0	245.2	249.3	252.3	255.8	261.3	265.8	269.1	271.8	274.2
62.5°	259.5	267.4	273.2	278.0	282.4	286.2	290.8	294.5	297.4	300.1	303.0
60°	283.2	292.6	298.6	303.5	309.0	314.9	318.3	321.1	323.5	325.6	327.5
57.5°	302.5	310.9	318.6	324.5	330.3	335.8	339.8	342.3	344.4	346.0	346.6
55°	318.7	327.4	336.1	342.4	348.0	353.2	357.5	360.9	363.7	365.9	366.5
52.5°	333.2	342.9	351.5	358.8	366.2	372.3	377.0	381.7	385.7	389.0	390.4
50°	348.9	359.2	369.8	379.6	387.5	394.4	400.2	406.7	413.6	419.3	423.0
47.5°	365.5	377.3	390.1	402.2	411.6	421.9	431.4	441.1	454.0	464.7	472.7
45°	382.9	398.0	412.6	428.0	440.9	460.3	478.3	493.8	514.4	533.0	547.8
42.5°	403.4	422.2	440.1	464.8	490.5	517.0	545.7	570.1	602.2	634.9	661.3
40°	427.7	451.7	483.3	516.3	557.0	593.5	642.9	686.9	736.2	798.6	850.2
37.5°	456.8	493.8	537.8	583.9	647.4	708.0	789.7	875.9	954.0	1073.9	1174.9
35°	494.8	546.5	604.4	686.0	775.8	889.5	1017.0	1183.3	1325.9	1528.2	1721.6
32.5°	543.7	610.2	704.8	830.7	963.5	1169.8	1372.0	1660.8	1928.2	2248.9	2595.0
30°	598.1	699.4	843.8	1016.5	1264.2	1567.7	1924.2	2367.8	2853.2	3303.9	3748.1
27.5°	677.0	822.0	1011.8	1290.5	1676.5	2101.1	2725.9	3328.0	3956.1	4514.6	4980.3
25°	769.1	960.7	1254.2	1664.6	2186.6	2913.7	3661.6	4404.7	5080.2	5664.9	6179.4
22.5°	887.9	1163.7	1554.8	2086.4	2899.3	3770.8	4647.8	5467.4	6188.0	6839.0	7396.0
20°	1017.2	1362.3	1920.9	2713.6	3643.2	4636.1	5626.2	6499.4	7292.8	8030.9	8658.7
17.5°	1181.2	1664.4	2371.7	3322.7	4397.5	5485.3	6525.5	7473.0	8373.2	9154.2	9810.2
15°	1320.9	1930.4	2853.7	3968.9	5131.4	6278.9	7377.1	8406.3	9342.2	10143.6	10760.2
12.5°	1507.2	2228.6	3281.5	4524.4	5784.2	6991.6	8148.3	9212.0	10164.6	10957.1	11437.1
10°	1683.3	2537.3	3695.0	4991.2	6300.0	7586.4	8821.6	9912.5	10796.8	11427.3	11836.4
7.5°	1833.1	2802.6	4031.4	5368.5	6709.8	8054.8	9305.0	10366.5	11181.9	11708.4	11993.3
5°	1944.9	3000.8	4281.1	5675.1	7051.5	8420.1	9660.5	10657.0	11361.7	11752.9	11895.9
2.5°	2016.2	3117.3	4426.0	5876.2	7280.1	8651.2	9904.4	10885.2	11483.1	11742.4	11767.0
0°	2044.6	3132.4	4448.3	5981.7	7337.8	8717.0	9973.8	10979.2	11528.3	11741.7	11737.4
-2.5°	2016.2	3117.3	4426.0	5876.2	7280.1	8651.2	9904.4	10885.2	11483.1	11742.4	11767.0
-5°	1944.9	3000.8	4281.1	5675.1	7051.5	8420.1	9660.5	10657.0	11361.7	11752.9	11895.9
-7.5°	1833.1	2802.6	4031.4	5368.5	6709.8	8054.8	9305.0	10366.5	11181.9	11708.4	11993.3
-10°	1683.3	2537.3	3695.0	4991.2	6300.0	7586.4	8821.6	9912.5	10796.8	11427.3	11836.4
-12.5°	1507.2	2228.6	3281.5	4524.4	5784.2	6991.6	8148.3	9212.0	10164.6	10957.1	11437.1
-15°	1320.9	1930.4	2853.7	3968.9	5131.4	6278.9	7377.1	8406.3	9342.2	10143.6	10760.2
-17.5°	1181.2	1664.4	2371.7	3322.7	4397.5	5485.3	6525.5	7473.0	8373.2	9154.2	9810.2
-20°	1017.2	1362.3	1920.9	2713.6	3643.2	4636.1	5626.2	6499.4	7292.8	8030.9	8658.7

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Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626897 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2C-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	887.9	1163.7	1554.8	2086.4	2899.3	3770.8	4647.8	5467.4	6188.0	6839.0	7396.0
-25°	769.1	960.7	1254.2	1664.6	2186.6	2913.7	3661.6	4404.7	5080.2	5664.9	6179.4
-27.5°	677.0	822.0	1011.8	1290.5	1676.5	2101.1	2725.9	3328.0	3956.1	4514.6	4980.3
-30°	598.1	699.4	843.8	1016.5	1264.2	1567.7	1924.2	2367.8	2853.2	3303.9	3748.1
-32.5°	543.7	610.2	704.8	830.7	963.5	1169.8	1372.0	1660.8	1928.2	2248.9	2595.0
-35°	494.8	546.5	604.4	686.0	775.8	889.5	1017.0	1183.3	1325.9	1528.2	1721.6
-37.5°	456.8	493.8	537.8	583.9	647.4	708.0	789.7	875.9	954.0	1073.9	1174.9
-40°	427.7	451.7	483.3	516.3	557.0	593.5	642.9	686.9	736.2	798.6	850.2
-42.5°	403.4	422.2	440.1	464.8	490.5	517.0	545.7	570.1	602.2	634.9	661.3
-45°	382.9	398.0	412.6	428.0	440.9	460.3	478.3	493.8	514.4	533.0	547.8
-47.5°	365.5	377.3	390.1	402.2	411.6	421.9	431.4	441.1	454.0	464.7	472.7
-50°	348.9	359.2	369.8	379.6	387.5	394.4	400.2	406.7	413.6	419.3	423.0
-52.5°	333.2	342.9	351.5	358.8	366.2	372.3	377.0	381.7	385.7	389.0	390.4
-55°	318.7	327.4	336.1	342.4	348.0	353.2	357.5	360.9	363.7	365.9	366.5
-57.5°	302.5	310.9	318.6	324.5	330.3	335.8	339.8	342.3	344.4	346.0	346.6
-60°	283.2	292.6	298.6	303.5	309.0	314.9	318.3	321.1	323.5	325.6	327.5
-62.5°	259.5	267.4	273.2	278.0	282.4	286.2	290.8	294.5	297.4	300.1	303.0
-65°	232.2	240.0	245.2	249.3	252.3	255.8	261.3	265.8	269.1	271.8	274.2
-67.5°	204.5	212.0	217.2	221.4	224.7	228.2	233.1	237.6	241.6	244.3	246.0
-70°	176.3	183.5	189.1	193.8	197.4	200.9	204.9	208.6	212.1	214.1	214.8
-72.5°	148.1	154.2	159.7	164.6	168.9	172.4	175.5	178.1	180.4	181.8	182.6
-75°	121.1	126.1	130.7	135.0	139.0	142.4	145.3	147.8	149.8	150.8	151.3
-77.5°	95.5	99.2	102.5	105.6	108.6	111.6	114.3	116.7	118.8	119.3	119.1
-80°	71.3	73.8	76.0	78.0	79.7	81.7	83.6	85.3	86.7	87.5	88.0
-82.5°	48.4	49.9	51.3	52.5	53.6	55.1	56.5	57.7	58.7	59.4	60.1
-85°	27.5	28.1	28.6	29.1	29.5	30.8	32.0	33.2	34.3	34.3	34.2
-87.5°	10.4	10.3	10.1	9.9	9.6	10.3	10.9	11.6	12.3	11.9	11.5
-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: P626897 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-727-U-MWR-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°	11.0	10.6	10.6	10.6	10.6	10.6	11.0	11.5	11.9	12.3	11.6
85°	33.9	33.6	32.7	31.7	32.7	33.6	33.9	34.2	34.3	34.3	33.2
82.5°	60.6	61.0	60.1	59.1	60.1	61.0	60.6	60.1	59.4	58.7	57.7
80°	88.3	88.3	87.6	86.6	87.6	88.3	88.3	88.0	87.5	86.7	85.3
77.5°	118.7	117.8	118.2	118.3	118.2	117.8	118.7	119.1	119.3	118.8	116.7
75°	151.5	151.4	150.9	150.0	150.9	151.4	151.5	151.3	150.8	149.8	147.8
72.5°	183.0	183.0	182.5	181.6	182.5	183.0	183.0	182.6	181.8	180.4	178.1
70°	215.0	214.6	215.1	215.4	215.1	214.6	215.0	214.8	214.1	212.1	208.6
67.5°	247.2	248.1	247.9	247.1	247.9	248.1	247.2	246.0	244.3	241.6	237.6
65°	276.2	277.6	278.5	278.8	278.5	277.6	276.2	274.2	271.8	269.1	265.8
62.5°	305.4	307.1	307.2	306.3	307.2	307.1	305.4	303.0	300.1	297.4	294.5
60°	328.5	328.7	328.3	327.4	328.3	328.7	328.5	327.5	325.6	323.5	321.1
57.5°	346.6	346.0	345.3	344.3	345.3	346.0	346.6	346.6	346.0	344.4	342.3
55°	366.2	365.2	364.3	363.3	364.3	365.2	366.2	366.5	365.9	363.7	360.9
52.5°	390.7	390.2	389.6	388.6	389.6	390.2	390.7	390.4	389.0	385.7	381.7
50°	424.8	425.3	425.3	424.6	425.3	425.3	424.8	423.0	419.3	413.6	406.7
47.5°	477.8	480.6	482.5	483.7	482.5	480.6	477.8	472.7	464.7	454.0	441.1
45°	557.3	563.0	567.0	570.3	567.0	563.0	557.3	547.8	533.0	514.4	493.8
42.5°	679.9	692.6	698.6	697.0	698.6	692.6	679.9	661.3	634.9	602.2	570.1
40°	884.5	904.9	916.1	925.1	916.1	904.9	884.5	850.2	798.6	736.2	686.9
37.5°	1243.8	1283.3	1304.1	1322.2	1304.1	1283.3	1243.8	1174.9	1073.9	954.0	875.9
35°	1866.1	1955.0	2002.7	2019.3	2002.7	1955.0	1866.1	1721.6	1528.2	1325.9	1183.3
32.5°	2864.3	3028.5	3119.3	3189.4	3119.3	3028.5	2864.3	2595.0	2248.9	1928.2	1660.8
30°	4099.8	4316.0	4436.1	4494.7	4436.1	4316.0	4099.8	3748.1	3303.9	2853.2	2367.8
27.5°	5366.3	5612.1	5741.6	5734.6	5741.6	5612.1	5366.3	4980.3	4514.6	3956.1	3328.0
25°	6620.5	6905.3	7034.3	7149.8	7034.3	6905.3	6620.5	6179.4	5664.9	5080.2	4404.7
22.5°	7889.1	8222.0	8403.7	8488.9	8403.7	8222.0	7889.1	7396.0	6839.0	6188.0	5467.4
20°	9142.5	9513.1	9706.0	9790.0	9706.0	9513.1	9142.5	8658.7	8030.9	7292.8	6499.4
17.5°	10254.2	10616.0	10799.9	10877.8	10799.9	10616.0	10254.2	9810.2	9154.2	8373.2	7473.0
15°	11141.9	11408.8	11565.1	11606.5	11565.1	11408.8	11141.9	10760.2	10143.6	9342.2	8406.3
12.5°	11755.5	11858.9	11934.0	11957.1	11934.0	11858.9	11755.5	11437.1	10957.1	10164.6	9212.0
10°	12069.2	12022.5	12003.2	12005.7	12003.2	12022.5	12069.2	11836.4	11427.3	10796.8	9912.5
7.5°	12047.6	11978.5	11839.8	11817.7	11839.8	11978.5	12047.6	11993.3	11708.4	11181.9	10366.5
5°	11874.5	11748.7	11518.5	11452.3	11518.5	11748.7	11874.5	11895.9	11752.9	11361.7	10657.0
2.5°	11672.8	11446.1	11233.9	11097.4	11233.9	11446.1	11672.8	11767.0	11742.4	11483.1	10885.2
0°	11612.8	11350.9	11076.3	10987.6	11076.3	11350.9	11612.8	11737.4	11741.7	11528.3	10979.2
-2.5°	11672.8	11446.1	11233.9	11097.4	11233.9	11446.1	11672.8	11767.0	11742.4	11483.1	10885.2
-5°	11874.5	11748.7	11518.5	11452.3	11518.5	11748.7	11874.5	11895.9	11752.9	11361.7	10657.0
-7.5°	12047.6	11978.5	11839.8	11817.7	11839.8	11978.5	12047.6	11993.3	11708.4	11181.9	10366.5
-10°	12069.2	12022.5	12003.2	12005.7	12003.2	12022.5	12069.2	11836.4	11427.3	10796.8	9912.5
-12.5°	11755.5	11858.9	11934.0	11957.1	11934.0	11858.9	11755.5	11437.1	10957.1	10164.6	9212.0
-15°	11141.9	11408.8	11565.1	11606.5	11565.1	11408.8	11141.9	10760.2	10143.6	9342.2	8406.3
-17.5°	10254.2	10616.0	10799.9	10877.8	10799.9	10616.0	10254.2	9810.2	9154.2	8373.2	7473.0
-20°	9142.5	9513.1	9706.0	9790.0	9706.0	9513.1	9142.5	8658.7	8030.9	7292.8	6499.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626897 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2C-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	7889.1	8222.0	8403.7	8488.9	8403.7	8222.0	7889.1	7396.0	6839.0	6188.0	5467.4
-25°	6620.5	6905.3	7034.3	7149.8	7034.3	6905.3	6620.5	6179.4	5664.9	5080.2	4404.7
-27.5°	5366.3	5612.1	5741.6	5734.6	5741.6	5612.1	5366.3	4980.3	4514.6	3956.1	3328.0
-30°	4099.8	4316.0	4436.1	4494.7	4436.1	4316.0	4099.8	3748.1	3303.9	2853.2	2367.8
-32.5°	2864.3	3028.5	3119.3	3189.4	3119.3	3028.5	2864.3	2595.0	2248.9	1928.2	1660.8
-35°	1866.1	1955.0	2002.7	2019.3	2002.7	1955.0	1866.1	1721.6	1528.2	1325.9	1183.3
-37.5°	1243.8	1283.3	1304.1	1322.2	1304.1	1283.3	1243.8	1174.9	1073.9	954.0	875.9
-40°	884.5	904.9	916.1	925.1	916.1	904.9	884.5	850.2	798.6	736.2	686.9
-42.5°	679.9	692.6	698.6	697.0	698.6	692.6	679.9	661.3	634.9	602.2	570.1
-45°	557.3	563.0	567.0	570.3	567.0	563.0	557.3	547.8	533.0	514.4	493.8
-47.5°	477.8	480.6	482.5	483.7	482.5	480.6	477.8	472.7	464.7	454.0	441.1
-50°	424.8	425.3	425.3	424.6	425.3	425.3	424.8	423.0	419.3	413.6	406.7
-52.5°	390.7	390.2	389.6	388.6	389.6	390.2	390.7	390.4	389.0	385.7	381.7
-55°	366.2	365.2	364.3	363.3	364.3	365.2	366.2	366.5	365.9	363.7	360.9
-57.5°	346.6	346.0	345.3	344.3	345.3	346.0	346.6	346.6	346.0	344.4	342.3
-60°	328.5	328.7	328.3	327.4	328.3	328.7	328.5	327.5	325.6	323.5	321.1
-62.5°	305.4	307.1	307.2	306.3	307.2	307.1	305.4	303.0	300.1	297.4	294.5
-65°	276.2	277.6	278.5	278.8	278.5	277.6	276.2	274.2	271.8	269.1	265.8
-67.5°	247.2	248.1	247.9	247.1	247.9	248.1	247.2	246.0	244.3	241.6	237.6
-70°	215.0	214.6	215.1	215.4	215.1	214.6	215.0	214.8	214.1	212.1	208.6
-72.5°	183.0	183.0	182.5	181.6	182.5	183.0	183.0	182.6	181.8	180.4	178.1
-75°	151.5	151.4	150.9	150.0	150.9	151.4	151.5	151.3	150.8	149.8	147.8
-77.5°	118.7	117.8	118.2	118.3	118.2	117.8	118.7	119.1	119.3	118.8	116.7
-80°	88.3	88.3	87.6	86.6	87.6	88.3	88.3	88.0	87.5	86.7	85.3
-82.5°	60.6	61.0	60.1	59.1	60.1	61.0	60.6	60.1	59.4	58.7	57.7
-85°	33.9	33.6	32.7	31.7	32.7	33.6	33.9	34.2	34.3	34.3	33.2
-87.5°	11.0	10.6	10.6	10.6	10.6	10.6	11.0	11.5	11.9	12.3	11.6
-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: P626897 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-727-U-MWR-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°	10.9	10.3	9.6	9.9	10.1	10.3	10.4	10.1	9.7	9.4	9.0
85°	32.0	30.8	29.5	29.1	28.6	28.1	27.5	26.3	25.0	23.7	22.3
82.5°	56.5	55.1	53.6	52.5	51.3	49.9	48.4	46.1	43.7	41.3	38.9
80°	83.6	81.7	79.7	78.0	76.0	73.8	71.3	67.7	64.0	60.2	56.8
77.5°	114.3	111.6	108.6	105.6	102.5	99.2	95.5	90.9	86.3	81.5	76.7
75°	145.3	142.4	139.0	135.0	130.7	126.1	121.1	115.6	109.8	103.8	97.7
72.5°	175.5	172.4	168.9	164.6	159.7	154.2	148.1	141.4	134.3	126.9	119.7
70°	204.9	200.9	197.4	193.8	189.1	183.5	176.3	168.2	159.7	151.1	142.7
67.5°	233.1	228.2	224.7	221.4	217.2	212.0	204.5	195.8	186.3	176.3	166.3
65°	261.3	255.8	252.3	249.3	245.2	240.0	232.2	223.3	213.3	202.1	190.6
62.5°	290.8	286.2	282.4	278.0	273.2	267.4	259.5	250.2	240.0	228.4	215.0
60°	318.3	314.9	309.0	303.5	298.6	292.6	283.2	274.3	265.9	252.5	238.1
57.5°	339.8	335.8	330.3	324.5	318.6	310.9	302.5	294.1	284.4	273.1	259.7
55°	357.5	353.2	348.0	342.4	336.1	327.4	318.7	309.7	300.4	291.0	277.9
52.5°	377.0	372.3	366.2	358.8	351.5	342.9	333.2	323.6	314.9	305.3	294.6
50°	400.2	394.4	387.5	379.6	369.8	359.2	348.9	337.7	328.7	319.3	308.4
47.5°	431.4	421.9	411.6	402.2	390.1	377.3	365.5	354.0	343.3	333.1	322.0
45°	478.3	460.3	440.9	428.0	412.6	398.0	382.9	369.9	357.6	346.1	335.7
42.5°	545.7	517.0	490.5	464.8	440.1	422.2	403.4	387.3	372.4	358.8	346.5
40°	642.9	593.5	557.0	516.3	483.3	451.7	427.7	405.8	388.5	372.4	357.5
37.5°	789.7	708.0	647.4	583.9	537.8	493.8	456.8	428.3	404.9	386.3	368.9
35°	1017.0	889.5	775.8	686.0	604.4	546.5	494.8	454.8	424.9	400.5	380.3
32.5°	1372.0	1169.8	963.5	830.7	704.8	610.2	543.7	488.7	446.2	417.2	392.9
30°	1924.2	1567.7	1264.2	1016.5	843.8	699.4	598.1	530.9	476.6	434.1	405.7
27.5°	2725.9	2101.1	1676.5	1290.5	1011.8	822.0	677.0	576.0	508.5	457.9	420.4
25°	3661.6	2913.7	2186.6	1664.6	1254.2	960.7	769.1	639.2	548.0	482.6	433.4
22.5°	4647.8	3770.8	2899.3	2086.4	1554.8	1163.7	887.9	703.0	585.3	509.0	452.2
20°	5626.2	4636.1	3643.2	2713.6	1920.9	1362.3	1017.2	787.5	637.4	538.5	470.0
17.5°	6525.5	5485.3	4397.5	3322.7	2371.7	1664.4	1181.2	873.0	682.8	564.7	485.5
15°	7377.1	6278.9	5131.4	3968.9	2853.7	1930.4	1320.9	947.5	730.0	595.2	505.7
12.5°	8148.3	6991.6	5784.2	4524.4	3281.5	2228.6	1507.2	1057.4	788.0	626.8	524.7
10°	8821.6	7586.4	6300.0	4991.2	3695.0	2537.3	1683.3	1151.0	838.3	653.0	540.3
7.5°	9305.0	8054.8	6709.8	5368.5	4031.4	2802.6	1833.1	1225.2	877.7	673.1	552.3
5°	9660.5	8420.1	7051.5	5675.1	4281.1	3000.8	1944.9	1277.3	905.9	686.9	560.7
2.5°	9904.4	8651.2	7280.1	5876.2	4426.0	3117.3	2016.2	1305.3	919.3	697.9	565.3
0°	9973.8	8717.0	7337.8	5981.7	4448.3	3132.4	2044.6	1309.6	918.8	703.4	566.1
-2.5°	9904.4	8651.2	7280.1	5876.2	4426.0	3117.3	2016.2	1305.3	919.3	697.9	565.3
-5°	9660.5	8420.1	7051.5	5675.1	4281.1	3000.8	1944.9	1277.3	905.9	686.9	560.7
-7.5°	9305.0	8054.8	6709.8	5368.5	4031.4	2802.6	1833.1	1225.2	877.7	673.1	552.3
-10°	8821.6	7586.4	6300.0	4991.2	3695.0	2537.3	1683.3	1151.0	838.3	653.0	540.3
-12.5°	8148.3	6991.6	5784.2	4524.4	3281.5	2228.6	1507.2	1057.4	788.0	626.8	524.7
-15°	7377.1	6278.9	5131.4	3968.9	2853.7	1930.4	1320.9	947.5	730.0	595.2	505.7
-17.5°	6525.5	5485.3	4397.5	3322.7	2371.7	1664.4	1181.2	873.0	682.8	564.7	485.5
-20°	5626.2	4636.1	3643.2	2713.6	1920.9	1362.3	1017.2	787.5	637.4	538.5	470.0



REPORT NUMBER: P626897 (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°
-22.5°	4647.8	3770.8	2899.3	2086.4	1554.8	1163.7	887.9	703.0	585.3	509.0	452.2
-25°	3661.6	2913.7	2186.6	1664.6	1254.2	960.7	769.1	639.2	548.0	482.6	433.4
-27.5°	2725.9	2101.1	1676.5	1290.5	1011.8	822.0	677.0	576.0	508.5	457.9	420.4
-30°	1924.2	1567.7	1264.2	1016.5	843.8	699.4	598.1	530.9	476.6	434.1	405.7
-32.5°	1372.0	1169.8	963.5	830.7	704.8	610.2	543.7	488.7	446.2	417.2	392.9
-35°	1017.0	889.5	775.8	686.0	604.4	546.5	494.8	454.8	424.9	400.5	380.3
-37.5°	789.7	708.0	647.4	583.9	537.8	493.8	456.8	428.3	404.9	386.3	368.9
-40°	642.9	593.5	557.0	516.3	483.3	451.7	427.7	405.8	388.5	372.4	357.5
-42.5°	545.7	517.0	490.5	464.8	440.1	422.2	403.4	387.3	372.4	358.8	346.5
-45°	478.3	460.3	440.9	428.0	412.6	398.0	382.9	369.9	357.6	346.1	335.7
-47.5°	431.4	421.9	411.6	402.2	390.1	377.3	365.5	354.0	343.3	333.1	322.0
-50°	400.2	394.4	387.5	379.6	369.8	359.2	348.9	337.7	328.7	319.3	308.4
-52.5°	377.0	372.3	366.2	358.8	351.5	342.9	333.2	323.6	314.9	305.3	294.6
-55°	357.5	353.2	348.0	342.4	336.1	327.4	318.7	309.7	300.4	291.0	277.9
-57.5°	339.8	335.8	330.3	324.5	318.6	310.9	302.5	294.1	284.4	273.1	259.7
-60°	318.3	314.9	309.0	303.5	298.6	292.6	283.2	274.3	265.9	252.5	238.1
-62.5°	290.8	286.2	282.4	278.0	273.2	267.4	259.5	250.2	240.0	228.4	215.0
-65°	261.3	255.8	252.3	249.3	245.2	240.0	232.2	223.3	213.3	202.1	190.6
-67.5°	233.1	228.2	224.7	221.4	217.2	212.0	204.5	195.8	186.3	176.3	166.3
-70°	204.9	200.9	197.4	193.8	189.1	183.5	176.3	168.2	159.7	151.1	142.7
-72.5°	175.5	172.4	168.9	164.6	159.7	154.2	148.1	141.4	134.3	126.9	119.7
-75°	145.3	142.4	139.0	135.0	130.7	126.1	121.1	115.6	109.8	103.8	97.7
-77.5°	114.3	111.6	108.6	105.6	102.5	99.2	95.5	90.9	86.3	81.5	76.7
-80°	83.6	81.7	79.7	78.0	76.0	73.8	71.3	67.7	64.0	60.2	56.8
-82.5°	56.5	55.1	53.6	52.5	51.3	49.9	48.4	46.1	43.7	41.3	38.9
-85°	32.0	30.8	29.5	29.1	28.6	28.1	27.5	26.3	25.0	23.7	22.3
-87.5°	10.9	10.3	9.6	9.9	10.1	10.3	10.4	10.1	9.7	9.4	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: P626897 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2C-727-U-MWR-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°	8.6	8.2	7.7	7.3	6.8	6.3	5.9	5.4	4.7	4.0	3.3
85°	20.8	19.3	17.7	16.1	14.4	12.7	11.7	10.7	9.3	8.0	6.7
82.5°	36.5	34.2	31.8	29.3	26.5	23.7	20.9	18.3	15.3	12.1	10.0
80°	53.5	50.2	46.8	43.1	39.0	34.6	30.8	27.1	23.5	19.6	15.6
77.5°	72.0	67.2	62.1	57.5	52.7	47.6	42.2	36.5	31.6	27.1	22.3
75°	91.7	85.8	79.8	73.5	67.1	60.6	54.4	47.9	41.3	34.7	28.9
72.5°	112.6	105.3	97.7	90.0	82.5	74.8	67.0	59.1	51.5	43.7	35.9
70°	134.1	125.2	116.4	107.6	98.5	89.0	80.0	70.8	61.5	52.7	43.7
67.5°	156.1	146.0	135.6	125.3	115.2	104.5	93.2	82.4	71.9	61.5	51.5
65°	179.1	167.3	155.1	143.4	131.7	120.0	107.7	94.2	82.0	70.4	59.1
62.5°	201.8	188.8	175.2	161.3	148.0	135.1	122.0	106.9	92.1	79.1	66.6
60°	223.8	209.3	194.5	179.2	164.1	149.6	135.1	119.3	103.2	87.5	73.9
57.5°	244.0	228.7	212.3	196.1	179.8	163.8	147.7	131.0	113.9	96.7	81.0
55°	262.9	246.3	229.1	211.6	194.6	177.5	160.0	142.3	124.2	105.9	88.0
52.5°	280.7	263.3	245.1	226.5	208.1	190.5	172.0	153.2	134.1	114.7	95.6
50°	296.3	279.9	260.6	241.0	221.0	202.4	183.7	163.7	143.6	123.2	103.1
47.5°	309.3	294.3	275.7	255.0	234.0	214.1	194.6	173.9	152.7	131.3	110.3
45°	322.0	307.6	289.6	268.4	246.7	225.7	205.0	183.7	161.5	139.2	117.1
42.5°	334.0	319.6	302.7	281.4	259.0	236.9	215.2	193.0	170.0	146.6	123.6
40°	344.2	330.0	315.1	293.8	270.5	247.5	224.8	201.9	178.0	153.8	129.8
37.5°	354.1	339.6	324.2	305.6	281.4	257.5	233.9	210.4	185.8	160.6	135.6
35°	363.7	348.7	332.4	314.7	291.4	266.7	242.4	218.4	193.1	167.2	141.0
32.5°	372.3	356.9	339.9	322.0	300.7	275.3	250.3	225.4	199.8	173.4	146.1
30°	382.5	363.8	346.7	329.3	308.7	283.2	257.5	232.0	206.0	179.2	150.8
27.5°	392.3	370.4	352.8	335.3	314.9	290.3	264.2	238.1	211.7	184.6	155.5
25°	401.8	377.9	358.5	340.3	320.8	297.1	270.4	243.6	216.7	189.2	159.8
22.5°	412.6	384.8	363.7	344.7	326.5	303.2	276.0	248.7	221.2	193.4	163.8
20°	422.3	390.5	368.6	348.8	330.8	307.9	281.0	253.1	225.2	197.0	167.3
17.5°	431.8	397.0	373.3	352.8	334.0	311.9	285.4	257.1	228.7	200.2	170.5
15°	444.9	404.4	377.5	356.2	336.7	315.4	289.1	260.5	231.7	202.9	173.3
12.5°	456.1	410.6	380.9	358.9	339.0	318.3	292.2	263.2	234.2	205.4	175.8
10°	465.2	415.5	383.5	361.1	340.6	320.5	294.6	265.6	236.5	207.5	177.9
7.5°	472.2	419.2	385.4	362.6	341.8	322.2	296.9	267.7	238.4	209.1	179.5
5°	476.9	421.6	387.0	363.5	342.5	323.2	298.6	269.2	239.7	210.3	180.7
2.5°	479.3	422.7	388.2	363.7	342.6	323.5	299.6	270.1	240.5	211.0	181.4
0°	479.5	422.4	388.6	363.3	342.2	323.2	299.9	270.4	240.8	211.2	181.6
-2.5°	479.3	422.7	388.2	363.7	342.6	323.5	299.6	270.1	240.5	211.0	181.4
-5°	476.9	421.6	387.0	363.5	342.5	323.2	298.6	269.2	239.7	210.3	180.7
-7.5°	472.2	419.2	385.4	362.6	341.8	322.2	296.9	267.7	238.4	209.1	179.5
-10°	465.2	415.5	383.5	361.1	340.6	320.5	294.6	265.6	236.5	207.5	177.9
-12.5°	456.1	410.6	380.9	358.9	339.0	318.3	292.2	263.2	234.2	205.4	175.8
-15°	444.9	404.4	377.5	356.2	336.7	315.4	289.1	260.5	231.7	202.9	173.3
-17.5°	431.8	397.0	373.3	352.8	334.0	311.9	285.4	257.1	228.7	200.2	170.5
-20°	422.3	390.5	368.6	348.8	330.8	307.9	281.0	253.1	225.2	197.0	167.3



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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°	412.6	384.8	363.7	344.7	326.5	303.2	276.0	248.7	221.2	193.4	163.8
-25°	401.8	377.9	358.5	340.3	320.8	297.1	270.4	243.6	216.7	189.2	159.8
-27.5°	392.3	370.4	352.8	335.3	314.9	290.3	264.2	238.1	211.7	184.6	155.5
-30°	382.5	363.8	346.7	329.3	308.7	283.2	257.5	232.0	206.0	179.2	150.8
-32.5°	372.3	356.9	339.9	322.0	300.7	275.3	250.3	225.4	199.8	173.4	146.1
-35°	363.7	348.7	332.4	314.7	291.4	266.7	242.4	218.4	193.1	167.2	141.0
-37.5°	354.1	339.6	324.2	305.6	281.4	257.5	233.9	210.4	185.8	160.6	135.6
-40°	344.2	330.0	315.1	293.8	270.5	247.5	224.8	201.9	178.0	153.8	129.8
-42.5°	334.0	319.6	302.7	281.4	259.0	236.9	215.2	193.0	170.0	146.6	123.6
-45°	322.0	307.6	289.6	268.4	246.7	225.7	205.0	183.7	161.5	139.2	117.1
-47.5°	309.3	294.3	275.7	255.0	234.0	214.1	194.6	173.9	152.7	131.3	110.3
-50°	296.3	279.9	260.6	241.0	221.0	202.4	183.7	163.7	143.6	123.2	103.1
-52.5°	280.7	263.3	245.1	226.5	208.1	190.5	172.0	153.2	134.1	114.7	95.6
-55°	262.9	246.3	229.1	211.6	194.6	177.5	160.0	142.3	124.2	105.9	88.0
-57.5°	244.0	228.7	212.3	196.1	179.8	163.8	147.7	131.0	113.9	96.7	81.0
-60°	223.8	209.3	194.5	179.2	164.1	149.6	135.1	119.3	103.2	87.5	73.9
-62.5°	201.8	188.8	175.2	161.3	148.0	135.1	122.0	106.9	92.1	79.1	66.6
-65°	179.1	167.3	155.1	143.4	131.7	120.0	107.7	94.2	82.0	70.4	59.1
-67.5°	156.1	146.0	135.6	125.3	115.2	104.5	93.2	82.4	71.9	61.5	51.5
-70°	134.1	125.2	116.4	107.6	98.5	89.0	80.0	70.8	61.5	52.7	43.7
-72.5°	112.6	105.3	97.7	90.0	82.5	74.8	67.0	59.1	51.5	43.7	35.9
-75°	91.7	85.8	79.8	73.5	67.1	60.6	54.4	47.9	41.3	34.7	28.9
-77.5°	72.0	67.2	62.1	57.5	52.7	47.6	42.2	36.5	31.6	27.1	22.3
-80°	53.5	50.2	46.8	43.1	39.0	34.6	30.8	27.1	23.5	19.6	15.6
-82.5°	36.5	34.2	31.8	29.3	26.5	23.7	20.9	18.3	15.3	12.1	10.0
-85°	20.8	19.3	17.7	16.1	14.4	12.7	11.7	10.7	9.3	8.0	6.7
-87.5°	8.6	8.2	7.7	7.3	6.8	6.3	5.9	5.4	4.7	4.0	3.3
-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°	2.7	2.3	1.8	1.4	0.9	0.5	0.0
85°	5.5	4.6	3.7	2.8	1.8	0.9	0.0
82.5°	8.2	6.9	5.5	4.1	2.8	1.4	0.0
80°	11.3	9.1	7.3	5.5	3.7	1.8	0.0
77.5°	17.2	12.3	9.1	6.9	4.6	2.3	0.0
75°	23.0	17.2	11.3	8.2	5.5	2.7	0.0
72.5°	28.8	22.0	15.2	9.5	6.4	3.2	0.0
70°	34.7	26.8	19.0	11.1	7.2	3.6	0.0
67.5°	41.3	31.5	22.8	14.0	8.1	4.1	0.0
65°	47.7	36.5	26.5	16.7	9.0	4.5	0.0
62.5°	54.0	41.6	30.1	19.5	9.8	4.9	0.0
60°	60.2	46.7	33.6	22.1	10.6	5.3	0.0
57.5°	66.3	51.6	37.5	24.7	12.3	5.7	0.0
55°	72.3	56.4	41.3	27.2	13.9	6.1	0.0
52.5°	78.2	61.0	44.9	29.7	15.5	6.5	0.0
50°	83.9	65.8	48.4	32.1	17.1	6.8	0.0
47.5°	89.6	70.5	51.7	34.4	18.5	7.2	0.0
45°	95.4	74.9	55.0	36.8	19.9	7.5	0.0
42.5°	101.0	79.3	58.0	39.1	21.3	7.8	0.0
40°	106.3	83.4	61.1	41.2	22.5	8.1	0.0
37.5°	111.3	87.4	64.3	43.2	23.7	8.4	0.0
35°	115.9	91.3	67.2	45.0	24.8	8.7	0.0
32.5°	120.3	94.9	70.1	46.8	25.9	8.9	0.0
30°	124.3	98.3	72.7	48.4	26.8	9.2	0.0
27.5°	128.0	101.4	75.1	49.8	27.7	9.4	0.0
25°	131.4	104.3	77.2	51.2	28.5	9.6	0.0
22.5°	134.4	106.8	79.1	52.4	29.2	9.8	0.0
20°	137.0	109.0	80.8	53.5	29.8	10.0	0.0
17.5°	139.5	110.8	82.3	54.4	30.3	10.1	0.0
15°	141.6	112.5	83.6	55.2	30.8	10.2	0.0
12.5°	143.5	113.8	84.7	55.9	31.1	10.3	0.0
10°	145.0	114.8	85.5	56.4	31.4	10.4	0.0
7.5°	146.3	115.6	86.1	56.8	31.6	10.5	0.0
5°	147.2	116.1	86.5	57.0	31.7	10.6	0.0
2.5°	147.7	116.3	86.7	57.1	31.8	10.6	0.0
0°	147.9	116.2	86.6	57.0	31.7	10.6	0.0
-2.5°	147.7	116.3	86.7	57.1	31.8	10.6	0.0
-5°	147.2	116.1	86.5	57.0	31.7	10.6	0.0
-7.5°	146.3	115.6	86.1	56.8	31.6	10.5	0.0
-10°	145.0	114.8	85.5	56.4	31.4	10.4	0.0
-12.5°	143.5	113.8	84.7	55.9	31.1	10.3	0.0
-15°	141.6	112.5	83.6	55.2	30.8	10.2	0.0
-17.5°	139.5	110.8	82.3	54.4	30.3	10.1	0.0
-20°	137.0	109.0	80.8	53.5	29.8	10.0	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	134.4	106.8	79.1	52.4	29.2	9.8	0.0
-25°	131.4	104.3	77.2	51.2	28.5	9.6	0.0
-27.5°	128.0	101.4	75.1	49.8	27.7	9.4	0.0
-30°	124.3	98.3	72.7	48.4	26.8	9.2	0.0
-32.5°	120.3	94.9	70.1	46.8	25.9	8.9	0.0
-35°	115.9	91.3	67.2	45.0	24.8	8.7	0.0
-37.5°	111.3	87.4	64.3	43.2	23.7	8.4	0.0
-40°	106.3	83.4	61.1	41.2	22.5	8.1	0.0
-42.5°	101.0	79.3	58.0	39.1	21.3	7.8	0.0
-45°	95.4	74.9	55.0	36.8	19.9	7.5	0.0
-47.5°	89.6	70.5	51.7	34.4	18.5	7.2	0.0
-50°	83.9	65.8	48.4	32.1	17.1	6.8	0.0
-52.5°	78.2	61.0	44.9	29.7	15.5	6.5	0.0
-55°	72.3	56.4	41.3	27.2	13.9	6.1	0.0
-57.5°	66.3	51.6	37.5	24.7	12.3	5.7	0.0
-60°	60.2	46.7	33.6	22.1	10.6	5.3	0.0
-62.5°	54.0	41.6	30.1	19.5	9.8	4.9	0.0
-65°	47.7	36.5	26.5	16.7	9.0	4.5	0.0
-67.5°	41.3	31.5	22.8	14.0	8.1	4.1	0.0
-70°	34.7	26.8	19.0	11.1	7.2	3.6	0.0
-72.5°	28.8	22.0	15.2	9.5	6.4	3.2	0.0
-75°	23.0	17.2	11.3	8.2	5.5	2.7	0.0
-77.5°	17.2	12.3	9.1	6.9	4.6	2.3	0.0
-80°	11.3	9.1	7.3	5.5	3.7	1.8	0.0
-82.5°	8.2	6.9	5.5	4.1	2.8	1.4	0.0
-85°	5.5	4.6	3.7	2.8	1.8	0.9	0.0
-87.5°	2.7	2.3	1.8	1.4	0.9	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)