

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: P627618 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA5C-727-U-NR-VSR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627618 (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-SA5C-727-U-NR-VSR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (80) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	25173.2 lumens	Max Intensity:	255172.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	122.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

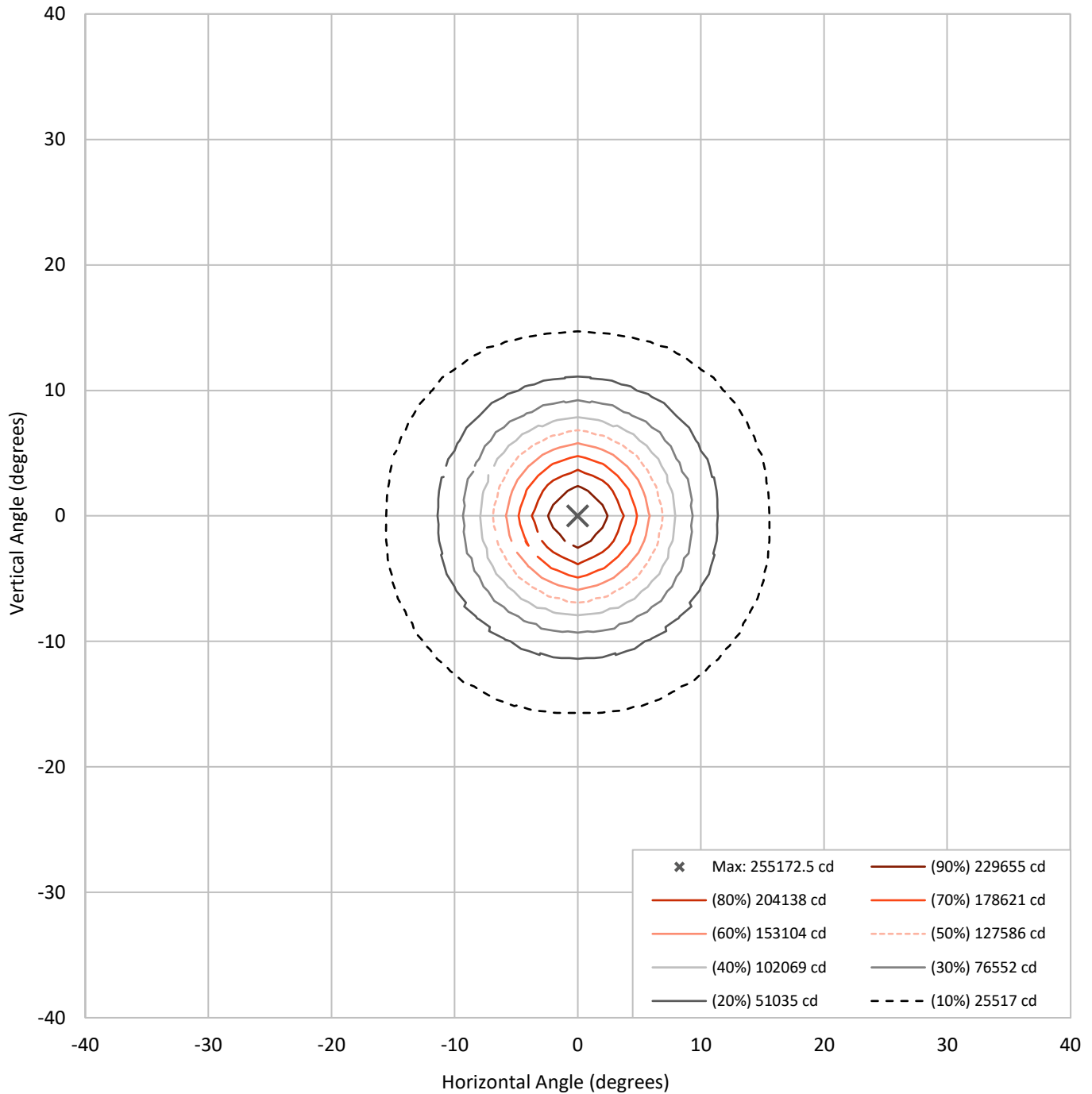
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	8036.5 lumens	Field Lumens:	17899.8 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%

Input Watts (W): 206.13
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	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1			
50		0.1	0.2	0.6	1.4	2.2	3.0	3.6	3.6	3.0	2.2	1.4	0.6	0.2	0.1				
40	0.1	0.1	0.7	2.2	4.1	6.0	8.5	10.0	10.0	8.5	6.0	4.1	2.2	0.7	0.1	0.1			
30		0.4	1.8	4.3	7.6	12.0	20.5	26.1	26.1	20.5	12.0	7.6	4.3	1.8	0.4				
20	0.2	0.7	2.8	6.5	11.8	25.6	68.4	113.2	113.2	68.4	25.6	11.8	6.5	2.8	0.7	0.2			
10		1.1	3.9	9.0	19.5	76.5	322.7	709.3	709.3	322.7	76.5	19.5	9.0	3.9	1.1				
0	0.4	1.4	4.7	10.5	26.4	143.7	773.2	3467.8	3467.8	773.2	143.7	26.4	10.5	4.7	1.4	0.4			
-10		1.5	5.1	11.1	28.4	153.1	800.4	3526.6	3526.6	800.4	153.1	28.4	11.1	5.1	1.5				
-20	0.5	1.6	5.2	10.9	24.9	97.4	388.5	831.0	831.0	388.5	97.4	24.9	10.9	5.2	1.6	0.5			
-30		1.6	5.0	10.0	19.2	45.5	119.7	199.5	199.5	119.7	45.5	19.2	10.0	5.0	1.6				
-40	0.4	1.4	4.4	8.8	15.1	25.0	40.7	51.7	51.7	40.7	25.0	15.1	8.8	4.4	1.4	0.4			
-50		1.1	3.6	7.4	12.2	17.5	23.5	26.2	26.2	23.5	17.5	12.2	7.4	3.6	1.1				
-60	0.3	0.9	2.7	5.8	9.6	13.4	16.9	18.5	18.5	16.9	13.4	9.6	5.8	2.7	0.9	0.3			
-70		0.6	1.7	3.7	6.4	9.3	11.8	13.0	13.0	11.8	9.3	6.4	3.7	1.7	0.6				
-80	0.1	1.5	6.3	13.9	17.6	13.9	6.3	1.5	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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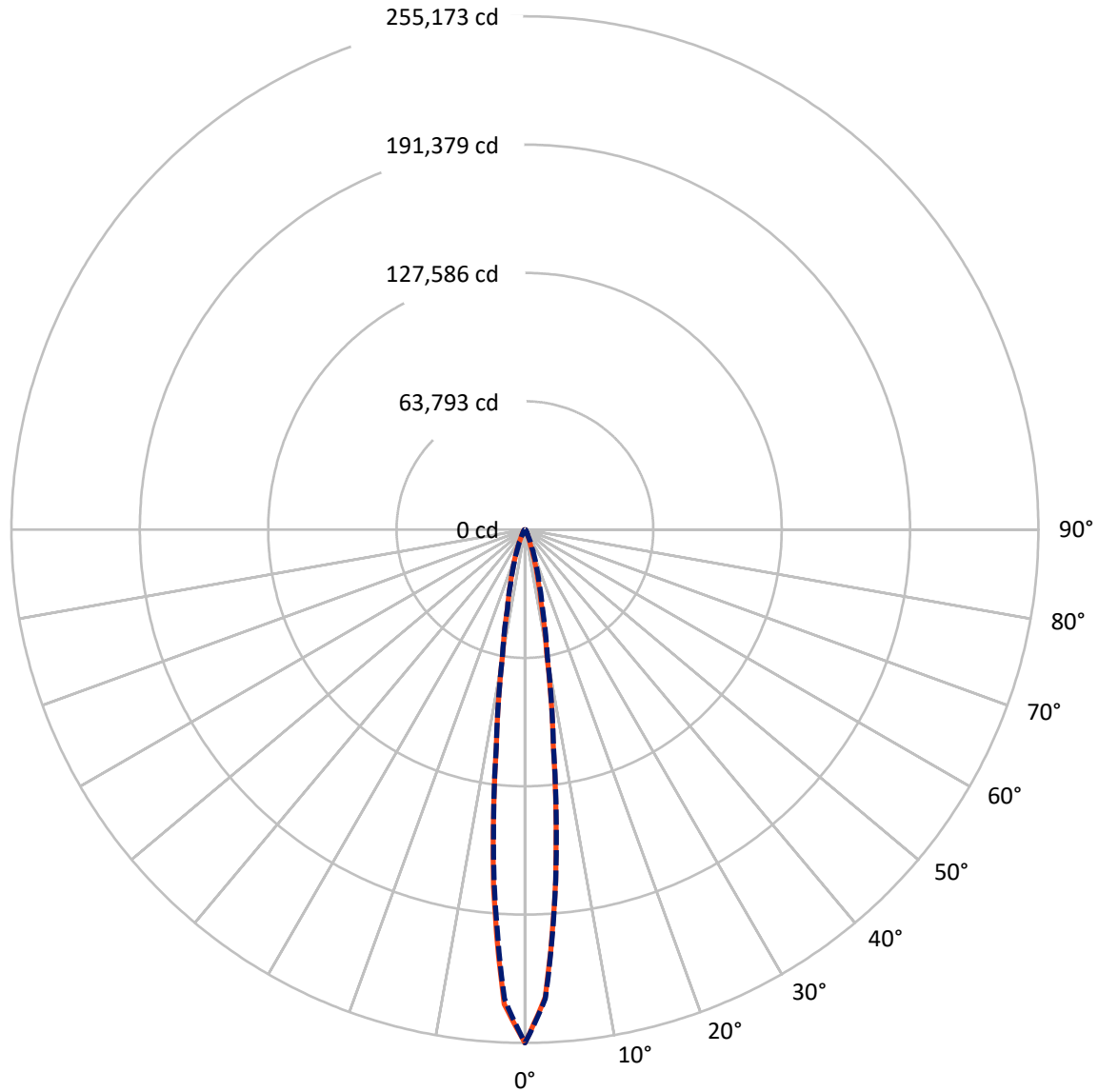
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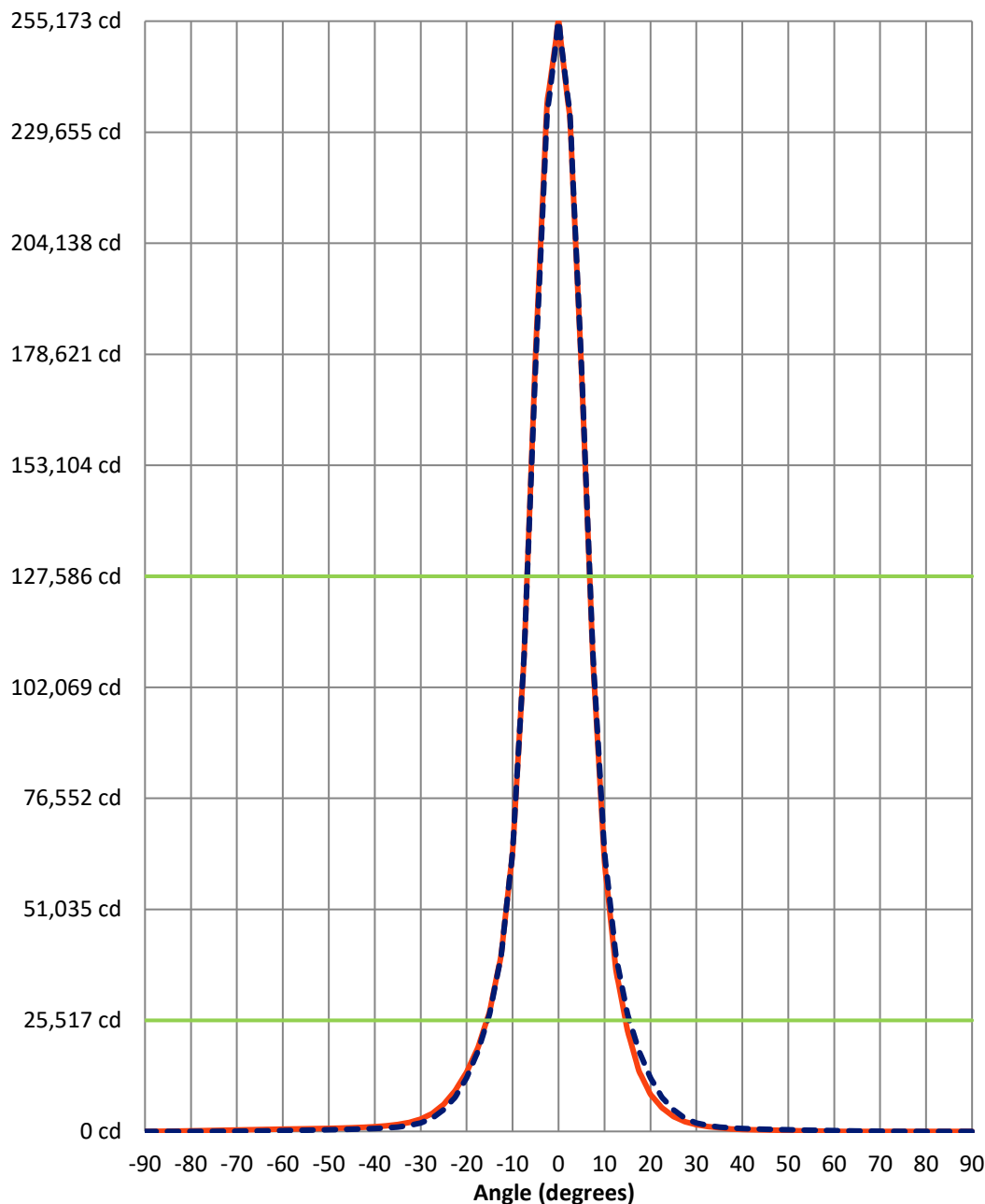
Luminous Intensity Polar Plot



— 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: 8036.5
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 17899.8
 Efficiency: 71.1%

Spill:
 Lumens: 7273.5
 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	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.6	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
75°	0.0	0.7	0.1	0.0	0.1	0.4	0.1	0.0	0.1	0.5	0.2
72.5°	0.0	0.8	0.1	0.0	0.6	0.8	0.3	0.3	1.1	1.2	0.5
70°	0.0	1.0	0.2	0.1	1.1	1.2	0.6	1.7	2.3	2.0	0.7
67.5°	0.0	1.1	0.3	0.6	1.6	1.7	1.9	3.0	3.5	2.2	0.9
65°	0.0	1.2	0.4	1.2	2.2	2.3	3.1	4.5	3.6	2.4	1.6
62.5°	0.0	1.4	0.6	1.7	2.8	3.1	4.2	5.1	3.8	2.8	3.4
60°	0.0	1.5	0.7	2.3	3.4	3.8	5.3	5.3	4.1	3.9	4.9
57.5°	0.0	1.7	1.2	2.8	3.8	4.4	5.4	5.4	4.5	4.8	5.4
55°	0.0	1.8	1.6	3.4	4.2	5.0	5.4	5.4	5.0	5.4	5.4
52.5°	0.0	2.0	2.0	4.0	4.5	5.4	5.4	5.4	5.3	5.4	5.4
50°	0.0	2.1	2.4	4.6	4.8	5.4	5.4	5.4	5.4	5.4	6.3
47.5°	0.0	2.3	2.8	5.1	5.0	5.4	5.4	5.4	5.4	5.4	7.5
45°	0.0	2.5	3.2	5.2	5.2	5.4	5.4	5.4	5.6	6.7	8.9
42.5°	0.0	2.6	3.5	5.4	5.3	5.4	5.4	5.6	5.9	8.2	11.9
40°	0.0	2.8	3.8	5.4	5.4	5.4	5.4	6.0	6.9	9.9	15.4
37.5°	0.0	3.0	4.0	5.4	5.4	5.4	5.4	6.6	8.8	12.5	19.0
35°	0.0	3.2	4.3	5.4	5.4	5.4	5.4	7.2	10.8	15.9	23.3
32.5°	0.0	3.3	4.5	5.4	5.4	5.4	5.6	7.9	12.8	19.2	28.9
30°	0.0	3.5	4.7	5.4	5.4	5.4	6.1	9.0	15.0	22.4	34.9
27.5°	0.0	3.7	4.8	5.4	5.4	5.4	6.7	10.7	17.4	25.4	41.5
25°	0.0	3.9	5.0	5.4	5.4	5.4	7.4	12.5	20.0	29.9	48.5
22.5°	0.0	4.0	5.1	5.4	5.4	5.5	8.0	14.2	22.4	35.4	56.7
20°	0.0	4.2	5.2	5.4	5.4	5.9	8.7	15.9	24.7	40.9	64.3
17.5°	0.0	4.4	5.2	5.4	5.4	6.4	9.7	17.6	26.9	46.4	71.3
15°	0.0	4.5	5.3	5.4	5.4	6.9	10.8	19.3	28.9	51.9	77.6
12.5°	0.0	4.7	5.3	5.4	5.4	7.5	11.8	20.9	31.7	57.2	83.2
10°	0.0	4.9	5.4	5.4	5.4	8.2	12.8	22.4	35.1	62.2	88.2
7.5°	0.0	5.0	5.4	5.4	5.4	8.9	13.8	23.8	38.7	66.5	92.6
5°	0.0	5.1	5.4	5.4	5.4	9.5	14.6	25.0	42.2	70.1	96.5
2.5°	0.0	5.3	5.4	5.4	5.4	10.2	15.4	26.1	45.5	73.1	99.8
0°	0.0	5.4	5.4	5.4	5.4	10.8	16.2	27.0	48.6	75.6	102.6
-2.5°	0.0	5.4	5.4	5.4	5.9	11.4	17.6	28.6	51.4	77.6	106.1
-5°	0.0	5.4	5.4	5.4	6.3	11.9	18.9	30.1	53.7	79.2	108.9
-7.5°	0.0	5.4	5.4	5.4	6.8	12.4	20.1	31.4	55.7	80.4	111.1
-10°	0.0	5.3	5.4	5.4	7.2	12.8	21.2	32.6	57.1	81.2	112.4
-12.5°	0.0	5.3	5.4	5.4	7.5	13.1	22.1	33.6	58.0	82.0	114.5
-15°	0.0	5.2	5.4	5.4	7.8	13.4	22.7	34.4	58.2	83.7	116.5
-17.5°	0.0	5.1	5.4	5.4	8.1	13.7	23.2	35.2	57.8	84.5	117.4
-20°	0.0	5.1	5.4	5.4	8.2	13.8	23.5	36.0	56.9	84.5	117.2

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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	5.0	5.4	5.4	8.3	14.0	23.8	36.4	55.6	83.5	115.8
-25°	0.0	4.9	5.4	5.4	8.3	14.3	24.0	36.6	53.9	81.6	113.3
-27.5°	0.0	4.8	5.4	5.4	8.1	14.7	24.0	36.5	51.8	78.8	110.9
-30°	0.0	4.7	5.4	5.4	7.9	14.9	23.8	36.0	50.7	75.9	107.2
-32.5°	0.0	4.6	5.4	5.4	7.9	15.0	23.6	35.6	50.0	72.5	102.1
-35°	0.0	4.4	5.4	5.4	7.8	15.0	23.5	35.1	49.0	68.7	95.6
-37.5°	0.0	4.3	5.4	5.4	7.6	14.8	23.4	34.5	47.6	64.4	91.9
-40°	0.0	4.1	5.4	5.4	7.3	14.5	23.1	33.7	45.8	61.6	88.5
-42.5°	0.0	4.0	5.4	5.5	7.3	14.1	22.6	32.7	44.3	60.4	84.3
-45°	0.0	3.8	5.4	5.6	7.5	13.5	21.9	31.7	43.0	58.5	79.7
-47.5°	0.0	3.6	5.4	5.7	7.6	12.8	21.0	30.6	41.6	56.0	76.6
-50°	0.0	3.5	5.4	5.8	7.7	12.0	20.0	29.3	40.0	53.9	72.7
-52.5°	0.0	3.3	5.4	5.8	7.7	11.0	18.7	27.7	38.0	50.9	67.9
-55°	0.0	3.1	5.4	5.8	7.6	10.7	17.3	25.9	35.7	47.1	63.0
-57.5°	0.0	2.9	5.4	5.8	7.5	10.4	15.6	23.8	33.2	43.7	57.1
-60°	0.0	2.7	5.4	5.8	7.4	10.1	14.0	21.5	30.3	40.2	51.1
-62.5°	0.0	2.5	5.0	5.7	7.2	9.7	13.3	19.0	27.2	36.3	46.5
-65°	0.0	2.3	4.6	5.7	6.9	9.2	12.5	16.8	23.8	32.2	41.6
-67.5°	0.0	2.1	4.1	5.6	6.6	8.6	11.5	15.4	20.2	27.8	36.2
-70°	0.0	1.8	3.7	5.4	6.3	8.0	10.5	13.9	18.0	23.1	30.6
-72.5°	0.0	1.6	3.2	4.9	5.9	7.2	9.4	12.2	15.8	20.1	25.1
-75°	0.0	1.4	2.8	4.2	5.5	6.5	8.2	10.7	13.4	17.0	21.1
-77.5°	0.0	1.2	2.3	3.5	4.7	5.7	6.9	9.2	11.6	14.1	17.0
-80°	0.0	0.9	1.9	2.8	3.7	4.7	5.6	7.7	9.9	12.1	14.3
-82.5°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	6.0	8.1	10.1	12.1
-85°	0.0	0.5	0.9	1.4	1.9	2.3	2.8	4.0	5.5	7.2	9.1
-87.5°	0.0	0.2	0.5	0.7	0.9	1.2	1.4	2.0	2.8	3.6	4.6
-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	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.4	1.5	1.8	1.1	0.0	0.0	0.0	0.3	0.0	0.0	0.0
65°	2.6	3.5	2.7	1.4	0.1	1.3	1.8	1.5	0.2	0.0	0.0
62.5°	5.0	4.3	3.0	2.2	3.1	4.1	3.2	1.9	0.5	2.6	3.8
60°	5.4	4.6	3.8	4.3	5.5	4.9	3.5	5.3	7.9	10.0	12.1
57.5°	5.4	5.0	4.9	5.8	6.1	6.1	9.5	12.7	17.9	22.3	25.2
55°	5.5	5.3	6.1	7.3	9.1	12.9	17.6	24.9	30.7	39.6	47.1
52.5°	6.1	6.1	8.2	11.1	16.3	22.3	30.7	40.9	52.4	61.1	70.3
50°	7.0	9.0	11.5	18.5	25.7	35.1	48.9	63.7	73.5	83.3	96.4
47.5°	9.6	12.2	19.0	27.1	37.6	52.5	71.4	82.2	91.8	107.1	123.5
45°	13.0	18.4	26.7	37.9	52.3	73.2	88.2	96.9	113.6	131.3	150.0
42.5°	16.5	25.4	36.7	48.5	71.2	91.1	104.6	118.5	135.3	156.1	176.3
40°	22.5	32.2	47.7	66.2	89.3	108.7	125.6	141.6	158.1	185.3	206.8
37.5°	28.5	42.7	60.1	83.1	107.2	128.3	147.3	167.3	190.9	221.5	240.9
35°	34.3	53.6	74.9	99.4	124.9	148.8	171.6	195.0	225.6	254.6	277.8
32.5°	42.4	64.7	88.6	115.1	141.4	168.5	196.1	224.2	254.3	284.0	314.3
30°	52.7	76.5	101.8	130.2	156.6	188.0	220.0	249.7	280.1	311.2	345.6
27.5°	63.0	87.6	114.9	143.6	171.3	207.1	241.6	272.6	303.7	337.3	376.5
25°	72.6	98.7	127.3	155.5	188.1	226.5	264.3	300.2	326.5	364.8	410.5
22.5°	81.7	109.6	140.3	166.3	204.3	246.1	290.1	328.6	359.8	394.0	445.8
20°	90.8	120.9	152.5	181.6	220.6	265.5	317.7	357.4	396.1	440.1	493.1
17.5°	99.5	131.3	164.5	199.1	240.3	286.8	346.0	386.5	432.7	485.4	552.1
15°	107.7	141.0	176.6	215.5	258.0	308.1	365.2	415.7	471.0	531.8	610.7
12.5°	115.3	149.9	188.5	230.6	273.7	326.4	381.2	435.0	498.7	578.2	677.5
10°	122.3	157.9	200.1	244.5	287.3	341.9	395.5	451.4	518.5	605.9	719.6
7.5°	128.2	165.9	211.0	257.1	299.0	354.6	407.7	464.9	535.2	628.8	747.9
5°	133.1	174.4	221.2	265.2	308.7	365.6	418.0	475.6	548.4	646.8	768.1
2.5°	137.2	182.2	230.1	271.1	317.1	375.6	426.1	487.5	561.9	660.7	787.1
0°	140.4	189.0	237.7	275.5	324.1	383.5	432.1	496.9	572.5	669.7	804.8
-2.5°	147.0	194.6	242.2	280.6	331.5	384.8	436.0	498.2	576.5	676.7	808.1
-5°	152.5	199.2	245.5	284.5	337.1	384.7	437.7	497.1	577.9	680.7	814.0
-7.5°	156.7	202.6	247.7	287.6	340.1	386.4	440.1	501.0	582.1	684.4	821.6
-10°	159.4	205.2	249.4	291.4	340.8	388.3	441.1	501.8	581.4	682.1	817.4
-12.5°	160.9	206.6	250.3	293.5	340.7	388.1	439.8	499.5	575.5	673.5	800.7
-15°	161.3	207.2	250.2	293.7	339.8	385.8	436.3	493.8	564.7	659.1	774.5
-17.5°	160.8	206.9	249.2	292.0	338.6	381.3	430.9	486.2	553.9	642.1	753.2
-20°	159.4	205.8	247.3	288.1	336.8	377.2	425.6	478.9	542.6	622.5	721.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627618 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5C-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°	157.2	203.8	244.6	284.1	330.8	373.4	418.6	469.4	526.5	598.8	687.0
-25°	154.6	200.0	241.2	281.1	324.0	367.6	409.7	458.1	510.5	579.9	659.4
-27.5°	151.1	195.4	236.4	276.9	316.8	359.7	400.9	446.5	498.5	559.7	630.7
-30°	146.1	188.8	229.9	271.1	310.5	350.7	390.6	434.1	483.0	540.7	606.3
-32.5°	139.8	181.5	221.7	262.4	303.4	341.8	379.3	421.1	467.0	517.7	580.0
-35°	133.4	173.5	212.7	251.6	294.8	331.8	367.9	406.3	449.0	496.1	546.9
-37.5°	127.4	165.0	203.3	239.9	280.9	319.5	354.6	391.0	430.5	473.7	519.8
-40°	121.0	156.0	193.3	229.0	264.9	304.3	339.3	374.5	411.0	454.3	495.4
-42.5°	114.3	148.3	182.8	217.8	252.1	287.3	322.3	356.1	394.6	435.6	475.8
-45°	108.7	140.3	172.3	206.3	240.1	272.0	304.8	336.3	375.4	416.4	455.8
-47.5°	102.1	132.1	163.1	193.9	227.1	258.9	288.4	320.3	353.6	392.3	433.6
-50°	95.4	123.7	152.4	181.4	212.8	244.6	274.6	304.1	335.5	367.2	402.9
-52.5°	89.6	114.3	140.9	167.5	197.2	228.4	258.6	288.2	317.0	346.9	377.3
-55°	82.8	105.5	128.9	153.8	179.8	209.6	239.7	268.5	298.0	325.9	355.7
-57.5°	75.2	95.5	116.9	140.3	163.9	188.4	217.5	246.1	273.9	302.1	332.9
-60°	66.6	84.8	104.2	125.7	148.8	171.2	194.7	221.3	248.1	274.9	303.3
-62.5°	57.7	73.5	91.0	109.8	131.0	153.0	174.5	197.1	221.1	244.5	269.1
-65°	51.8	62.9	77.6	94.3	111.7	131.4	151.8	172.6	193.8	213.6	232.6
-67.5°	45.5	55.5	66.4	78.7	94.5	111.1	127.4	146.0	165.0	183.2	200.9
-70°	38.8	47.7	57.3	67.6	78.8	92.4	107.6	122.6	137.2	152.4	168.8
-72.5°	31.8	39.5	47.9	56.8	66.4	77.0	88.8	101.6	114.6	127.1	140.0
-75°	26.1	31.2	38.0	45.6	53.8	62.3	70.8	80.8	91.8	102.9	113.7
-77.5°	21.5	26.2	30.9	35.5	41.4	49.1	56.7	64.1	71.8	80.1	89.1
-80°	17.5	21.1	25.4	29.6	33.7	38.3	43.6	49.5	54.9	60.5	66.5
-82.5°	14.6	17.4	20.4	23.7	26.1	28.6	31.4	34.8	38.4	42.1	46.0
-85°	11.2	13.4	15.5	17.7	18.8	20.0	21.4	22.9	25.2	27.4	29.7
-87.5°	5.6	6.7	8.0	9.3	9.9	10.4	10.9	11.5	12.9	14.5	16.1
-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: P627618 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-727-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.3	0.0	0.0	0.0	0.1	1.0	1.3	1.1	0.5	0.0	0.0
62.5°	3.2	2.6	4.2	5.6	6.2	6.0	5.5	4.9	4.2	3.9	4.4
60°	13.0	12.7	17.7	20.1	18.3	12.9	20.3	24.0	23.1	19.8	19.7
57.5°	31.7	38.5	43.4	45.6	52.8	64.3	66.5	62.7	61.4	62.6	72.3
55°	54.9	60.4	63.3	73.1	81.8	88.1	91.8	95.5	101.1	107.8	114.8
52.5°	77.7	85.2	91.0	99.8	110.2	113.8	112.8	126.2	136.6	143.3	146.0
50°	106.7	116.1	129.5	143.3	149.2	155.1	161.2	172.2	188.2	208.1	219.5
47.5°	137.9	152.8	166.9	182.6	190.5	196.7	205.8	225.0	247.8	269.2	280.4
45°	166.0	179.3	195.4	209.0	218.8	230.7	244.0	261.3	286.8	309.2	324.6
42.5°	188.7	203.6	220.2	236.6	246.6	262.7	282.9	306.4	333.0	356.3	373.5
40°	220.4	233.0	259.5	275.1	279.0	294.0	334.4	366.5	396.6	425.3	439.6
37.5°	258.7	283.3	310.8	325.0	338.8	365.4	419.4	471.3	509.7	548.5	569.7
35°	302.2	334.6	371.9	388.7	418.5	476.3	539.8	612.0	701.8	739.4	773.6
32.5°	344.5	380.7	415.1	452.6	504.8	573.9	645.5	762.5	871.8	956.4	1018.1
30°	382.0	420.3	463.1	511.4	584.9	680.2	799.7	951.1	1105.1	1239.5	1353.1
27.5°	419.0	462.7	513.6	585.5	689.0	818.4	1009.2	1225.1	1482.2	1671.6	1897.7
25°	459.6	509.6	574.9	679.3	818.9	1012.3	1317.3	1668.0	2089.5	2431.2	2788.9
22.5°	507.7	581.4	664.2	780.7	1024.5	1343.2	1760.0	2359.3	3007.7	3607.1	4184.4
20°	565.8	666.6	799.5	1013.8	1326.9	1798.1	2522.1	3478.6	4432.1	5447.6	6425.2
17.5°	648.6	794.0	1000.5	1305.4	1718.2	2650.1	3824.9	5304.2	7204.8	8927.1	10430.9
15°	726.4	900.1	1226.1	1682.0	2401.9	3637.0	5421.3	7863.0	10825.0	13524.5	16375.6
12.5°	808.0	1013.0	1387.6	1968.0	2968.3	4576.2	7083.8	10429.4	14138.3	18206.7	22840.8
10°	872.6	1121.6	1570.0	2305.9	3538.9	5541.3	8528.2	12585.7	17514.3	23535.2	30943.1
7.5°	916.3	1208.6	1720.7	2553.3	4064.3	6528.2	10124.0	15000.9	21162.5	29139.0	39504.7
5°	950.4	1275.0	1834.0	2778.9	4508.7	7281.6	11306.3	17115.9	24404.7	35091.8	52658.6
2.5°	977.8	1325.9	1904.1	2934.2	4787.7	7806.3	12099.5	18312.4	26334.7	39492.9	62283.5
0°	999.2	1371.9	1949.8	3030.1	5001.5	7858.7	12347.1	18531.4	27027.4	40287.3	64354.8
-2.5°	1008.3	1396.5	1965.5	3051.1	4980.1	7948.8	12422.6	18706.3	27001.4	39852.0	62041.5
-5°	1023.5	1396.1	1953.7	3029.6	4868.5	7715.9	11929.3	17727.5	25372.4	36424.5	54603.9
-7.5°	1034.4	1373.8	1897.1	2892.3	4576.2	7212.5	11062.4	16105.9	22407.7	30799.2	42058.3
-10°	1024.4	1331.1	1802.8	2662.1	4121.8	6405.0	9744.1	13965.1	19202.5	25421.3	33071.0
-12.5°	985.9	1252.2	1649.0	2339.5	3533.3	5500.4	8417.9	12011.7	15888.1	20255.7	25541.7
-15°	937.1	1167.2	1510.3	2118.3	3097.0	4603.7	6733.8	9649.2	12758.8	16074.9	19611.1
-17.5°	899.2	1092.5	1376.7	1816.8	2536.6	3734.7	5408.5	7479.6	9764.8	12289.5	14385.0
-20°	847.8	1000.5	1239.1	1598.5	2147.7	2941.5	4160.6	5665.2	7173.2	8948.3	10395.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627618 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5C-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°	796.4	929.4	1110.9	1373.9	1782.6	2382.3	3135.5	4140.2	5242.9	6261.8	7264.7
-25°	748.6	851.1	997.9	1213.6	1490.9	1900.1	2436.2	3012.6	3739.4	4359.7	5047.9
-27.5°	709.9	798.0	906.3	1064.4	1279.5	1542.8	1926.7	2312.9	2695.1	3008.1	3482.0
-30°	672.5	743.4	834.0	946.8	1108.0	1310.9	1560.2	1810.7	2031.3	2232.5	2479.2
-32.5°	635.9	693.5	763.0	856.7	972.4	1124.9	1278.0	1457.6	1610.9	1752.5	1883.4
-35°	599.1	650.4	703.3	782.4	874.6	982.9	1094.3	1215.9	1322.1	1417.4	1501.7
-37.5°	566.0	611.0	660.8	719.6	794.0	875.5	966.4	1054.8	1124.9	1186.7	1237.9
-40°	538.0	579.0	621.5	668.6	725.2	789.6	866.8	940.4	989.5	1027.3	1058.3
-42.5°	513.0	549.0	585.3	625.3	668.7	724.4	785.4	846.2	879.5	908.8	931.2
-45°	492.9	520.6	551.1	585.2	623.7	670.3	718.3	760.4	789.9	815.1	833.8
-47.5°	466.4	493.0	519.5	547.6	583.5	622.3	662.0	694.3	720.2	742.1	756.4
-50°	437.1	465.2	489.4	514.2	547.2	580.1	612.0	638.7	663.4	684.9	696.2
-52.5°	406.9	437.0	462.4	486.6	514.3	543.0	571.8	594.6	616.2	636.5	645.0
-55°	385.1	412.9	439.1	461.8	484.7	507.7	531.1	554.9	576.2	595.4	601.1
-57.5°	361.6	389.9	415.8	436.2	456.8	477.6	499.1	520.5	541.1	559.5	564.1
-60°	332.9	363.5	386.6	405.8	425.8	446.4	465.1	484.1	503.3	519.4	524.6
-62.5°	296.4	324.3	347.1	367.3	386.7	404.5	422.7	440.5	457.8	470.5	474.7
-65°	252.6	276.4	299.8	321.1	340.1	357.3	374.1	390.4	406.1	417.3	422.8
-67.5°	218.1	235.2	254.1	272.4	291.5	309.2	324.4	338.7	352.1	361.6	367.5
-70°	184.8	201.0	218.7	236.2	252.9	267.3	279.3	291.2	302.6	311.0	317.3
-72.5°	152.9	166.7	181.5	196.8	212.1	225.1	236.2	246.7	256.6	263.8	269.6
-75°	124.2	135.6	148.0	160.4	172.8	183.1	192.4	201.4	210.2	216.6	221.9
-77.5°	98.6	108.2	117.9	127.6	137.3	144.8	151.7	158.3	164.8	169.8	174.4
-80°	73.0	80.6	88.3	96.1	103.8	109.5	114.7	119.6	124.2	127.1	129.7
-82.5°	49.9	55.2	60.6	66.1	71.6	75.8	79.9	83.9	87.8	89.2	90.2
-85°	31.9	34.5	37.3	40.3	43.5	45.8	48.0	50.1	52.1	54.0	55.8
-87.5°	17.7	18.2	18.7	19.2	19.6	21.2	22.8	24.5	26.1	26.4	26.6
-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: P627618 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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	0.5	1.1
62.5°	4.8	5.2	5.3	5.4	5.3	5.2	4.8	4.4	3.9	4.2	4.9
60°	18.5	16.4	16.1	16.2	16.1	16.4	18.5	19.7	19.8	23.1	24.0
57.5°	82.1	91.3	93.9	91.8	93.9	91.3	82.1	72.3	62.6	61.4	62.7
55°	119.6	122.4	123.8	124.2	123.8	122.4	119.6	114.8	107.8	101.1	95.5
52.5°	146.6	145.7	145.4	145.8	145.4	145.7	146.6	146.0	143.3	136.6	126.2
50°	220.4	216.3	214.7	216.0	214.7	216.3	220.4	219.5	208.1	188.2	172.2
47.5°	281.7	283.0	284.9	286.3	284.9	283.0	281.7	280.4	269.2	247.8	225.0
45°	329.0	331.9	333.8	334.9	333.8	331.9	329.0	324.6	309.2	286.8	261.3
42.5°	377.3	377.6	377.1	378.1	377.1	377.6	377.3	373.5	356.3	333.0	306.4
40°	445.4	446.8	445.3	442.9	445.3	446.8	445.4	439.6	425.3	396.6	366.5
37.5°	582.0	584.0	577.6	572.5	577.6	584.0	582.0	569.7	548.5	509.7	471.3
35°	805.0	828.0	839.0	842.6	839.0	828.0	805.0	773.6	739.4	701.8	612.0
32.5°	1060.9	1093.0	1109.1	1123.4	1109.1	1093.0	1060.9	1018.1	956.4	871.8	762.5
30°	1427.7	1486.9	1513.1	1550.1	1513.1	1486.9	1427.7	1353.1	1239.5	1105.1	951.1
27.5°	2026.1	2130.3	2188.0	2241.5	2188.0	2130.3	2026.1	1897.7	1671.6	1482.2	1225.1
25°	3048.8	3249.4	3379.2	3440.5	3379.2	3249.4	3048.8	2788.9	2431.2	2089.5	1668.0
22.5°	4742.9	5112.8	5398.0	5455.2	5398.0	5112.8	4742.9	4184.4	3607.1	3007.7	2359.3
20°	7373.6	7902.8	8333.2	8550.0	8333.2	7902.8	7373.6	6425.2	5447.6	4432.1	3478.6
17.5°	12221.9	13322.7	13825.4	13908.0	13825.4	13322.7	12221.9	10430.9	8927.1	7204.8	5304.2
15°	19434.8	21297.5	22479.9	23241.2	22479.9	21297.5	19434.8	16375.6	13524.5	10825.0	7863.0
12.5°	27664.6	32957.2	35968.6	37116.8	35968.6	32957.2	27664.6	22840.8	18206.7	14138.3	10429.4
10°	38834.3	51293.6	58480.6	62097.2	58480.6	51293.6	38834.3	30943.1	23535.2	17514.3	12585.7
7.5°	57791.8	77035.3	98356.3	108220.4	98356.3	77035.3	57791.8	39504.7	29139.0	21162.5	15000.9
5°	77720.6	119971.6	157055.7	174814.0	157055.7	119971.6	77720.6	52658.6	35091.8	24404.7	17115.9
2.5°	100625.7	157605.2	210287.3	232439.0	210287.3	157605.2	100625.7	62283.5	39492.9	26334.7	18312.4
0°	109441.0	175813.2	233430.1	255172.5	233430.1	175813.2	109441.0	64354.8	40287.3	27027.4	18531.4
-2.5°	101988.5	160365.6	211192.5	236036.1	211192.5	160365.6	101988.5	62041.5	39852.0	27001.4	18706.3
-5°	81035.1	120632.9	158275.0	178519.2	158275.0	120632.9	81035.1	54603.9	36424.5	25372.4	17727.5
-7.5°	59474.7	81031.3	101936.4	109246.6	101936.4	81031.3	59474.7	42058.3	30799.2	22407.7	16105.9
-10°	41407.5	53751.5	61899.9	64225.2	61899.9	53751.5	41407.5	33071.0	25421.3	19202.5	13965.1
-12.5°	30699.5	36098.8	39855.5	40508.7	39855.5	36098.8	30699.5	25541.7	20255.7	15888.1	12011.7
-15°	22732.2	25477.9	27415.5	27545.9	27415.5	25477.9	22732.2	19611.1	16074.9	12758.8	9649.2
-17.5°	16617.4	18460.4	19438.2	19368.6	19438.2	18460.4	16617.4	14385.0	12289.5	9764.8	7479.6
-20°	11882.4	12993.3	13781.2	13627.1	13781.2	12993.3	11882.4	10395.8	8948.3	7173.2	5665.2

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Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P627618 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5C-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°	8285.2	9022.7	9484.4	9365.6	9484.4	9022.7	8285.2	7264.7	6261.8	5242.9	4140.2
-25°	5629.7	6031.5	6260.2	6222.1	6260.2	6031.5	5629.7	5047.9	4359.7	3739.4	3012.6
-27.5°	3836.3	4048.5	4119.4	4115.7	4119.4	4048.5	3836.3	3482.0	3008.1	2695.1	2312.9
-30°	2662.7	2805.4	2886.9	2835.6	2886.9	2805.4	2662.7	2479.2	2232.5	2031.3	1810.7
-32.5°	1984.6	2065.1	2111.6	2063.2	2111.6	2065.1	1984.6	1883.4	1752.5	1610.9	1457.6
-35°	1564.1	1604.7	1621.1	1593.3	1621.1	1604.7	1564.1	1501.7	1417.4	1322.1	1215.9
-37.5°	1275.1	1299.0	1307.1	1290.9	1307.1	1299.0	1275.1	1237.9	1186.7	1124.9	1054.8
-40°	1080.4	1095.1	1098.7	1085.6	1098.7	1095.1	1080.4	1058.3	1027.3	989.5	940.4
-42.5°	945.4	954.1	956.1	950.6	956.1	954.1	945.4	931.2	908.8	879.5	846.2
-45°	844.9	852.4	853.8	848.0	853.8	852.4	844.9	833.8	815.1	789.9	760.4
-47.5°	763.6	768.2	769.4	767.0	769.4	768.2	763.6	756.4	742.1	720.2	694.3
-50°	701.3	704.5	704.8	702.2	704.8	704.5	701.3	696.2	684.9	663.4	638.7
-52.5°	649.0	651.3	652.8	653.5	652.8	651.3	649.0	645.0	636.5	616.2	594.6
-55°	605.1	608.0	609.7	610.3	609.7	608.0	605.1	601.1	595.4	576.2	554.9
-57.5°	567.8	570.4	572.0	572.5	572.0	570.4	567.8	564.1	559.5	541.1	520.5
-60°	528.8	532.0	534.0	534.7	534.0	532.0	528.8	524.6	519.4	503.3	484.1
-62.5°	477.4	478.8	480.1	480.7	480.1	478.8	477.4	474.7	470.5	457.8	440.5
-65°	427.0	429.9	431.6	432.1	431.6	429.9	427.0	422.8	417.3	406.1	390.4
-67.5°	372.3	376.1	380.1	383.5	380.1	376.1	372.3	367.5	361.6	352.1	338.7
-70°	322.8	327.6	329.1	329.5	329.1	327.6	322.8	317.3	311.0	302.6	291.2
-72.5°	274.8	279.3	283.1	286.3	283.1	279.3	274.8	269.6	263.8	256.6	246.7
-75°	226.7	230.9	231.9	232.2	231.9	230.9	226.7	221.9	216.6	210.2	201.4
-77.5°	178.7	182.5	183.4	183.6	183.4	182.5	178.7	174.4	169.8	164.8	158.3
-80°	132.1	134.3	137.5	140.4	137.5	134.3	132.1	129.7	127.1	124.2	119.6
-82.5°	90.9	91.4	91.7	91.8	91.7	91.4	90.9	90.2	89.2	87.8	83.9
-85°	57.5	59.1	59.3	59.4	59.3	59.1	57.5	55.8	54.0	52.1	50.1
-87.5°	26.8	26.9	27.0	27.0	27.0	26.9	26.8	26.6	26.4	26.1	24.5
-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: P627618 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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°	1.3	1.0	0.1	0.0	0.0	0.0	0.3	0.0	0.0	0.2	1.5
62.5°	5.5	6.0	6.2	5.6	4.2	2.6	3.2	3.8	2.6	0.5	1.9
60°	20.3	12.9	18.3	20.1	17.7	12.7	13.0	12.1	10.0	7.9	5.3
57.5°	66.5	64.3	52.8	45.6	43.4	38.5	31.7	25.2	22.3	17.9	12.7
55°	91.8	88.1	81.8	73.1	63.3	60.4	54.9	47.1	39.6	30.7	24.9
52.5°	112.8	113.8	110.2	99.8	91.0	85.2	77.7	70.3	61.1	52.4	40.9
50°	161.2	155.1	149.2	143.3	129.5	116.1	106.7	96.4	83.3	73.5	63.7
47.5°	205.8	196.7	190.5	182.6	166.9	152.8	137.9	123.5	107.1	91.8	82.2
45°	244.0	230.7	218.8	209.0	195.4	179.3	166.0	150.0	131.3	113.6	96.9
42.5°	282.9	262.7	246.6	236.6	220.2	203.6	188.7	176.3	156.1	135.3	118.5
40°	334.4	294.0	279.0	275.1	259.5	233.0	220.4	206.8	185.3	158.1	141.6
37.5°	419.4	365.4	338.8	325.0	310.8	283.3	258.7	240.9	221.5	190.9	167.3
35°	539.8	476.3	418.5	388.7	371.9	334.6	302.2	277.8	254.6	225.6	195.0
32.5°	645.5	573.9	504.8	452.6	415.1	380.7	344.5	314.3	284.0	254.3	224.2
30°	799.7	680.2	584.9	511.4	463.1	420.3	382.0	345.6	311.2	280.1	249.7
27.5°	1009.2	818.4	689.0	585.5	513.6	462.7	419.0	376.5	337.3	303.7	272.6
25°	1317.3	1012.3	818.9	679.3	574.9	509.6	459.6	410.5	364.8	326.5	300.2
22.5°	1760.0	1343.2	1024.5	780.7	664.2	581.4	507.7	445.8	394.0	359.8	328.6
20°	2522.1	1798.1	1326.9	1013.8	799.5	666.6	565.8	493.1	440.1	396.1	357.4
17.5°	3824.9	2650.1	1718.2	1305.4	1000.5	794.0	648.6	552.1	485.4	432.7	386.5
15°	5421.3	3637.0	2401.9	1682.0	1226.1	900.1	726.4	610.7	531.8	471.0	415.7
12.5°	7083.8	4576.2	2968.3	1968.0	1387.6	1013.0	808.0	677.5	578.2	498.7	435.0
10°	8528.2	5541.3	3538.9	2305.9	1570.0	1121.6	872.6	719.6	605.9	518.5	451.4
7.5°	10124.0	6528.2	4064.3	2553.3	1720.7	1208.6	916.3	747.9	628.8	535.2	464.9
5°	11306.3	7281.6	4508.7	2778.9	1834.0	1275.0	950.4	768.1	646.8	548.4	475.6
2.5°	12099.5	7806.3	4787.7	2934.2	1904.1	1325.9	977.8	787.1	660.7	561.9	487.5
0°	12347.1	7858.7	5001.5	3030.1	1949.8	1371.9	999.2	804.8	669.7	572.5	496.9
-2.5°	12422.6	7948.8	4980.1	3051.1	1965.5	1396.5	1008.3	808.1	676.7	576.5	498.2
-5°	11929.3	7715.9	4868.5	3029.6	1953.7	1396.1	1023.5	814.0	680.7	577.9	497.1
-7.5°	11062.4	7212.5	4576.2	2892.3	1897.1	1373.8	1034.4	821.6	684.4	582.1	501.0
-10°	9744.1	6405.0	4121.8	2662.1	1802.8	1331.1	1024.4	817.4	682.1	581.4	501.8
-12.5°	8417.9	5500.4	3533.3	2339.5	1649.0	1252.2	985.9	800.7	673.5	575.5	499.5
-15°	6733.8	4603.7	3097.0	2118.3	1510.3	1167.2	937.1	774.5	659.1	564.7	493.8
-17.5°	5408.5	3734.7	2536.6	1816.8	1376.7	1092.5	899.2	753.2	642.1	553.9	486.2
-20°	4160.6	2941.5	2147.7	1598.5	1239.1	1000.5	847.8	721.9	622.5	542.6	478.9

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REPORT NUMBER: P627618 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5C-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°	3135.5	2382.3	1782.6	1373.9	1110.9	929.4	796.4	687.0	598.8	526.5	469.4
-25°	2436.2	1900.1	1490.9	1213.6	997.9	851.1	748.6	659.4	579.9	510.5	458.1
-27.5°	1926.7	1542.8	1279.5	1064.4	906.3	798.0	709.9	630.7	559.7	498.5	446.5
-30°	1560.2	1310.9	1108.0	946.8	834.0	743.4	672.5	606.3	540.7	483.0	434.1
-32.5°	1278.0	1124.9	972.4	856.7	763.0	693.5	635.9	580.0	517.7	467.0	421.1
-35°	1094.3	982.9	874.6	782.4	703.3	650.4	599.1	546.9	496.1	449.0	406.3
-37.5°	966.4	875.5	794.0	719.6	660.8	611.0	566.0	519.8	473.7	430.5	391.0
-40°	866.8	789.6	725.2	668.6	621.5	579.0	538.0	495.4	454.3	411.0	374.5
-42.5°	785.4	724.4	668.7	625.3	585.3	549.0	513.0	475.8	435.6	394.6	356.1
-45°	718.3	670.3	623.7	585.2	551.1	520.6	492.9	455.8	416.4	375.4	336.3
-47.5°	662.0	622.3	583.5	547.6	519.5	493.0	466.4	433.6	392.3	353.6	320.3
-50°	612.0	580.1	547.2	514.2	489.4	465.2	437.1	402.9	367.2	335.5	304.1
-52.5°	571.8	543.0	514.3	486.6	462.4	437.0	406.9	377.3	346.9	317.0	288.2
-55°	531.1	507.7	484.7	461.8	439.1	412.9	385.1	355.7	325.9	298.0	268.5
-57.5°	499.1	477.6	456.8	436.2	415.8	389.9	361.6	332.9	302.1	273.9	246.1
-60°	465.1	446.4	425.8	405.8	386.6	363.5	332.9	303.3	274.9	248.1	221.3
-62.5°	422.7	404.5	386.7	367.3	347.1	324.3	296.4	269.1	244.5	221.1	197.1
-65°	374.1	357.3	340.1	321.1	299.8	276.4	252.6	232.6	213.6	193.8	172.6
-67.5°	324.4	309.2	291.5	272.4	254.1	235.2	218.1	200.9	183.2	165.0	146.0
-70°	279.3	267.3	252.9	236.2	218.7	201.0	184.8	168.8	152.4	137.2	122.6
-72.5°	236.2	225.1	212.1	196.8	181.5	166.7	152.9	140.0	127.1	114.6	101.6
-75°	192.4	183.1	172.8	160.4	148.0	135.6	124.2	113.7	102.9	91.8	80.8
-77.5°	151.7	144.8	137.3	127.6	117.9	108.2	98.6	89.1	80.1	71.8	64.1
-80°	114.7	109.5	103.8	96.1	88.3	80.6	73.0	66.5	60.5	54.9	49.5
-82.5°	79.9	75.8	71.6	66.1	60.6	55.2	49.9	46.0	42.1	38.4	34.8
-85°	48.0	45.8	43.5	40.3	37.3	34.5	31.9	29.7	27.4	25.2	22.9
-87.5°	22.8	21.2	19.6	19.2	18.7	18.2	17.7	16.1	14.5	12.9	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



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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	0.5	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.2	1.1	0.3
70°	0.0	0.0	0.0	0.5	0.5	0.0	0.0	0.7	2.0	2.3	1.7
67.5°	0.0	0.0	0.0	1.1	1.8	1.5	0.4	0.9	2.2	3.5	3.0
65°	1.8	1.3	0.1	1.4	2.7	3.5	2.6	1.6	2.4	3.6	4.5
62.5°	3.2	4.1	3.1	2.2	3.0	4.3	5.0	3.4	2.8	3.8	5.1
60°	3.5	4.9	5.5	4.3	3.8	4.6	5.4	4.9	3.9	4.1	5.3
57.5°	9.5	6.1	6.1	5.8	4.9	5.0	5.4	5.4	4.8	4.5	5.4
55°	17.6	12.9	9.1	7.3	6.1	5.3	5.5	5.4	5.4	5.0	5.4
52.5°	30.7	22.3	16.3	11.1	8.2	6.1	6.1	5.4	5.4	5.3	5.4
50°	48.9	35.1	25.7	18.5	11.5	9.0	7.0	6.3	5.4	5.4	5.4
47.5°	71.4	52.5	37.6	27.1	19.0	12.2	9.6	7.5	5.4	5.4	5.4
45°	88.2	73.2	52.3	37.9	26.7	18.4	13.0	8.9	6.7	5.6	5.4
42.5°	104.6	91.1	71.2	48.5	36.7	25.4	16.5	11.9	8.2	5.9	5.6
40°	125.6	108.7	89.3	66.2	47.7	32.2	22.5	15.4	9.9	6.9	6.0
37.5°	147.3	128.3	107.2	83.1	60.1	42.7	28.5	19.0	12.5	8.8	6.6
35°	171.6	148.8	124.9	99.4	74.9	53.6	34.3	23.3	15.9	10.8	7.2
32.5°	196.1	168.5	141.4	115.1	88.6	64.7	42.4	28.9	19.2	12.8	7.9
30°	220.0	188.0	156.6	130.2	101.8	76.5	52.7	34.9	22.4	15.0	9.0
27.5°	241.6	207.1	171.3	143.6	114.9	87.6	63.0	41.5	25.4	17.4	10.7
25°	264.3	226.5	188.1	155.5	127.3	98.7	72.6	48.5	29.9	20.0	12.5
22.5°	290.1	246.1	204.3	166.3	140.3	109.6	81.7	56.7	35.4	22.4	14.2
20°	317.7	265.5	220.6	181.6	152.5	120.9	90.8	64.3	40.9	24.7	15.9
17.5°	346.0	286.8	240.3	199.1	164.5	131.3	99.5	71.3	46.4	26.9	17.6
15°	365.2	308.1	258.0	215.5	176.6	141.0	107.7	77.6	51.9	28.9	19.3
12.5°	381.2	326.4	273.7	230.6	188.5	149.9	115.3	83.2	57.2	31.7	20.9
10°	395.5	341.9	287.3	244.5	200.1	157.9	122.3	88.2	62.2	35.1	22.4
7.5°	407.7	354.6	299.0	257.1	211.0	165.9	128.2	92.6	66.5	38.7	23.8
5°	418.0	365.6	308.7	265.2	221.2	174.4	133.1	96.5	70.1	42.2	25.0
2.5°	426.1	375.6	317.1	271.1	230.1	182.2	137.2	99.8	73.1	45.5	26.1
0°	432.1	383.5	324.1	275.5	237.7	189.0	140.4	102.6	75.6	48.6	27.0
-2.5°	436.0	384.8	331.5	280.6	242.2	194.6	147.0	106.1	77.6	51.4	28.6
-5°	437.7	384.7	337.1	284.5	245.5	199.2	152.5	108.9	79.2	53.7	30.1
-7.5°	440.1	386.4	340.1	287.6	247.7	202.6	156.7	111.1	80.4	55.7	31.4
-10°	441.1	388.3	340.8	291.4	249.4	205.2	159.4	112.4	81.2	57.1	32.6
-12.5°	439.8	388.1	340.7	293.5	250.3	206.6	160.9	114.5	82.0	58.0	33.6
-15°	436.3	385.8	339.8	293.7	250.2	207.2	161.3	116.5	83.7	58.2	34.4
-17.5°	430.9	381.3	338.6	292.0	249.2	206.9	160.8	117.4	84.5	57.8	35.2
-20°	425.6	377.2	336.8	288.1	247.3	205.8	159.4	117.2	84.5	56.9	36.0



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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°	418.6	373.4	330.8	284.1	244.6	203.8	157.2	115.8	83.5	55.6	36.4
-25°	409.7	367.6	324.0	281.1	241.2	200.0	154.6	113.3	81.6	53.9	36.6
-27.5°	400.9	359.7	316.8	276.9	236.4	195.4	151.1	110.9	78.8	51.8	36.5
-30°	390.6	350.7	310.5	271.1	229.9	188.8	146.1	107.2	75.9	50.7	36.0
-32.5°	379.3	341.8	303.4	262.4	221.7	181.5	139.8	102.1	72.5	50.0	35.6
-35°	367.9	331.8	294.8	251.6	212.7	173.5	133.4	95.6	68.7	49.0	35.1
-37.5°	354.6	319.5	280.9	239.9	203.3	165.0	127.4	91.9	64.4	47.6	34.5
-40°	339.3	304.3	264.9	229.0	193.3	156.0	121.0	88.5	61.6	45.8	33.7
-42.5°	322.3	287.3	252.1	217.8	182.8	148.3	114.3	84.3	60.4	44.3	32.7
-45°	304.8	272.0	240.1	206.3	172.3	140.3	108.7	79.7	58.5	43.0	31.7
-47.5°	288.4	258.9	227.1	193.9	163.1	132.1	102.1	76.6	56.0	41.6	30.6
-50°	274.6	244.6	212.8	181.4	152.4	123.7	95.4	72.7	53.9	40.0	29.3
-52.5°	258.6	228.4	197.2	167.5	140.9	114.3	89.6	67.9	50.9	38.0	27.7
-55°	239.7	209.6	179.8	153.8	128.9	105.5	82.8	63.0	47.1	35.7	25.9
-57.5°	217.5	188.4	163.9	140.3	116.9	95.5	75.2	57.1	43.7	33.2	23.8
-60°	194.7	171.2	148.8	125.7	104.2	84.8	66.6	51.1	40.2	30.3	21.5
-62.5°	174.5	153.0	131.0	109.8	91.0	73.5	57.7	46.5	36.3	27.2	19.0
-65°	151.8	131.4	111.7	94.3	77.6	62.9	51.8	41.6	32.2	23.8	16.8
-67.5°	127.4	111.1	94.5	78.7	66.4	55.5	45.5	36.2	27.8	20.2	15.4
-70°	107.6	92.4	78.8	67.6	57.3	47.7	38.8	30.6	23.1	18.0	13.9
-72.5°	88.8	77.0	66.4	56.8	47.9	39.5	31.8	25.1	20.1	15.8	12.2
-75°	70.8	62.3	53.8	45.6	38.0	31.2	26.1	21.1	17.0	13.4	10.7
-77.5°	56.7	49.1	41.4	35.5	30.9	26.2	21.5	17.0	14.1	11.6	9.2
-80°	43.6	38.3	33.7	29.6	25.4	21.1	17.5	14.3	12.1	9.9	7.7
-82.5°	31.4	28.6	26.1	23.7	20.4	17.4	14.6	12.1	10.1	8.1	6.0
-85°	21.4	20.0	18.8	17.7	15.5	13.4	11.2	9.1	7.2	5.5	4.0
-87.5°	10.9	10.4	9.9	9.3	8.0	6.7	5.6	4.6	3.6	2.8	2.0
-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	0.4	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.5	0.0
77.5°	0.1	0.1	0.0	0.0	0.1	0.6	0.0
75°	0.1	0.4	0.1	0.0	0.1	0.7	0.0
72.5°	0.3	0.8	0.6	0.0	0.1	0.8	0.0
70°	0.6	1.2	1.1	0.1	0.2	1.0	0.0
67.5°	1.9	1.7	1.6	0.6	0.3	1.1	0.0
65°	3.1	2.3	2.2	1.2	0.4	1.2	0.0
62.5°	4.2	3.1	2.8	1.7	0.6	1.4	0.0
60°	5.3	3.8	3.4	2.3	0.7	1.5	0.0
57.5°	5.4	4.4	3.8	2.8	1.2	1.7	0.0
55°	5.4	5.0	4.2	3.4	1.6	1.8	0.0
52.5°	5.4	5.4	4.5	4.0	2.0	2.0	0.0
50°	5.4	5.4	4.8	4.6	2.4	2.1	0.0
47.5°	5.4	5.4	5.0	5.1	2.8	2.3	0.0
45°	5.4	5.4	5.2	5.2	3.2	2.5	0.0
42.5°	5.4	5.4	5.3	5.4	3.5	2.6	0.0
40°	5.4	5.4	5.4	5.4	3.8	2.8	0.0
37.5°	5.4	5.4	5.4	5.4	4.0	3.0	0.0
35°	5.4	5.4	5.4	5.4	4.3	3.2	0.0
32.5°	5.6	5.4	5.4	5.4	4.5	3.3	0.0
30°	6.1	5.4	5.4	5.4	4.7	3.5	0.0
27.5°	6.7	5.4	5.4	5.4	4.8	3.7	0.0
25°	7.4	5.4	5.4	5.4	5.0	3.9	0.0
22.5°	8.0	5.5	5.4	5.4	5.1	4.0	0.0
20°	8.7	5.9	5.4	5.4	5.2	4.2	0.0
17.5°	9.7	6.4	5.4	5.4	5.2	4.4	0.0
15°	10.8	6.9	5.4	5.4	5.3	4.5	0.0
12.5°	11.8	7.5	5.4	5.4	5.3	4.7	0.0
10°	12.8	8.2	5.4	5.4	5.4	4.9	0.0
7.5°	13.8	8.9	5.4	5.4	5.4	5.0	0.0
5°	14.6	9.5	5.4	5.4	5.4	5.1	0.0
2.5°	15.4	10.2	5.4	5.4	5.4	5.3	0.0
0°	16.2	10.8	5.4	5.4	5.4	5.4	0.0
-2.5°	17.6	11.4	5.9	5.4	5.4	5.4	0.0
-5°	18.9	11.9	6.3	5.4	5.4	5.4	0.0
-7.5°	20.1	12.4	6.8	5.4	5.4	5.4	0.0
-10°	21.2	12.8	7.2	5.4	5.4	5.3	0.0
-12.5°	22.1	13.1	7.5	5.4	5.4	5.3	0.0
-15°	22.7	13.4	7.8	5.4	5.4	5.2	0.0
-17.5°	23.2	13.7	8.1	5.4	5.4	5.1	0.0
-20°	23.5	13.8	8.2	5.4	5.4	5.1	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	23.8	14.0	8.3	5.4	5.4	5.0	0.0
-25°	24.0	14.3	8.3	5.4	5.4	4.9	0.0
-27.5°	24.0	14.7	8.1	5.4	5.4	4.8	0.0
-30°	23.8	14.9	7.9	5.4	5.4	4.7	0.0
-32.5°	23.6	15.0	7.9	5.4	5.4	4.6	0.0
-35°	23.5	15.0	7.8	5.4	5.4	4.4	0.0
-37.5°	23.4	14.8	7.6	5.4	5.4	4.3	0.0
-40°	23.1	14.5	7.3	5.4	5.4	4.1	0.0
-42.5°	22.6	14.1	7.3	5.5	5.4	4.0	0.0
-45°	21.9	13.5	7.5	5.6	5.4	3.8	0.0
-47.5°	21.0	12.8	7.6	5.7	5.4	3.6	0.0
-50°	20.0	12.0	7.7	5.8	5.4	3.5	0.0
-52.5°	18.7	11.0	7.7	5.8	5.4	3.3	0.0
-55°	17.3	10.7	7.6	5.8	5.4	3.1	0.0
-57.5°	15.6	10.4	7.5	5.8	5.4	2.9	0.0
-60°	14.0	10.1	7.4	5.8	5.4	2.7	0.0
-62.5°	13.3	9.7	7.2	5.7	5.0	2.5	0.0
-65°	12.5	9.2	6.9	5.7	4.6	2.3	0.0
-67.5°	11.5	8.6	6.6	5.6	4.1	2.1	0.0
-70°	10.5	8.0	6.3	5.4	3.7	1.8	0.0
-72.5°	9.4	7.2	5.9	4.9	3.2	1.6	0.0
-75°	8.2	6.5	5.5	4.2	2.8	1.4	0.0
-77.5°	6.9	5.7	4.7	3.5	2.3	1.2	0.0
-80°	5.6	4.7	3.7	2.8	1.9	0.9	0.0
-82.5°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
-85°	2.8	2.3	1.9	1.4	0.9	0.5	0.0
-87.5°	1.4	1.2	0.9	0.7	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)