

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: P627738 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA5E-727-U-NR-VSR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627738 (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-SA5E-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:	34803.7 lumens	Max Intensity:	352793.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	110.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

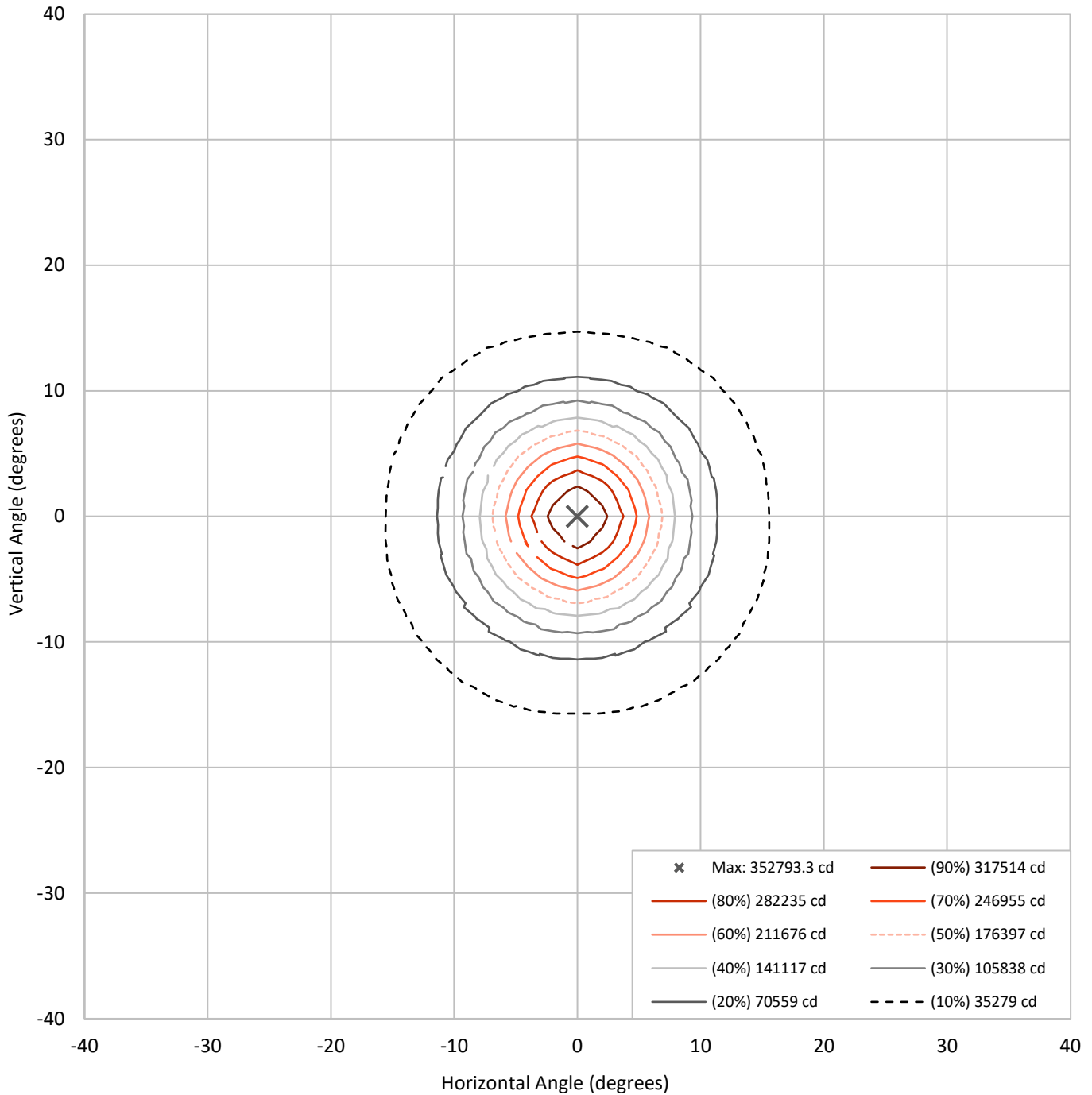
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	11110.9 lumens	Field Lumens:	24747.7 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%

Input Watts (W): 313.7
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





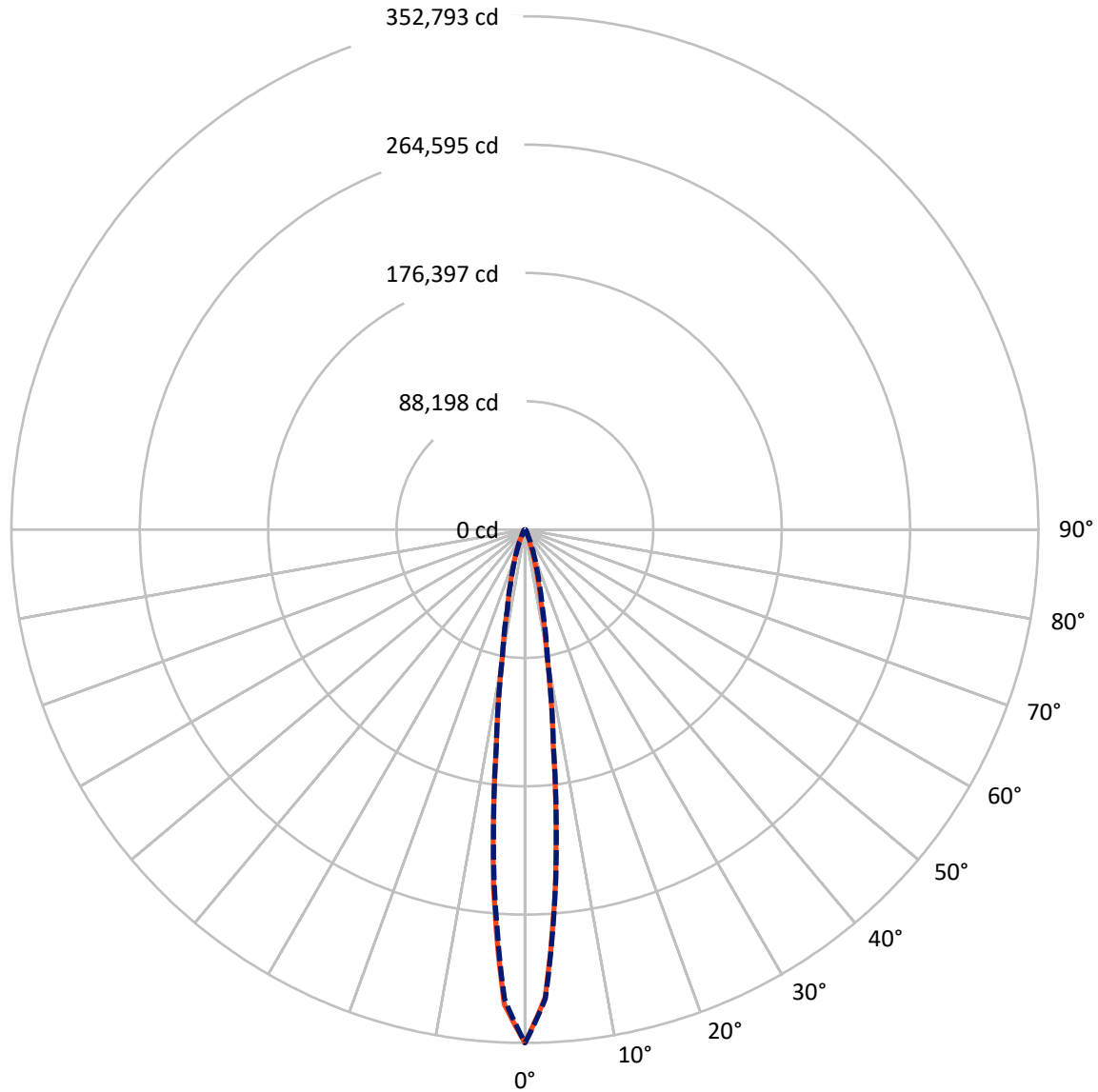
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Lumen Table

90																			
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
70																			
60	0.1	0.0	0.0	0.0	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.1			
50		0.1	0.2	0.9	1.9	3.1	4.1	4.9	4.9	4.1	3.1	1.9	0.9	0.2	0.1				
40	0.2	0.2	1.0	3.0	5.7	8.4	11.7	13.9	13.9	11.7	8.4	5.7	3.0	1.0	0.2	0.2			
30		0.5	2.5	5.9	10.5	16.7	28.3	36.0	36.0	28.3	16.7	10.5	5.9	2.5	0.5				
20	0.3	1.0	3.9	9.0	16.3	35.4	94.5	156.6	156.6	94.5	35.4	16.3	9.0	3.9	1.0	0.3			
10		1.5	5.3	12.4	26.9	105.8	446.1	980.7	980.7	446.1	105.8	26.9	12.4	5.3	1.5				
0	0.5	1.9	6.5	14.6	36.5	198.7	1069.0	4794.4	4794.4	1069.0	198.7	36.5	14.6	6.5	1.9	0.5			
-10		2.1	7.1	15.3	39.3	211.7	1106.5	4875.8	4875.8	1106.5	211.7	39.3	15.3	7.1	2.1				
-20	0.7	2.3	7.2	15.1	34.5	134.7	537.1	1148.9	1148.9	537.1	134.7	34.5	15.1	7.2	2.3	0.7			
-30		2.2	6.9	13.9	26.6	62.9	165.5	275.9	275.9	165.5	62.9	26.6	13.9	6.9	2.2				
-40	0.6	1.9	6.1	12.2	20.8	34.6	56.3	71.5	71.5	56.3	34.6	20.8	12.2	6.1	1.9	0.6			
-50		1.6	5.0	10.2	16.8	24.2	32.5	36.2	36.2	32.5	24.2	16.8	10.2	5.0	1.6				
-60	0.4	1.2	3.8	8.0	13.3	18.6	23.4	25.6	25.6	23.4	18.6	13.3	8.0	3.8	1.2	0.4			
-70		0.8	2.4	5.2	8.9	12.9	16.3	17.9	17.9	16.3	12.9	8.9	5.2	2.4	0.8				
-80	0.2	2.1	8.8	19.2	24.4	19.2	8.8	2.1	0.2										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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Luminous Intensity Polar Plot

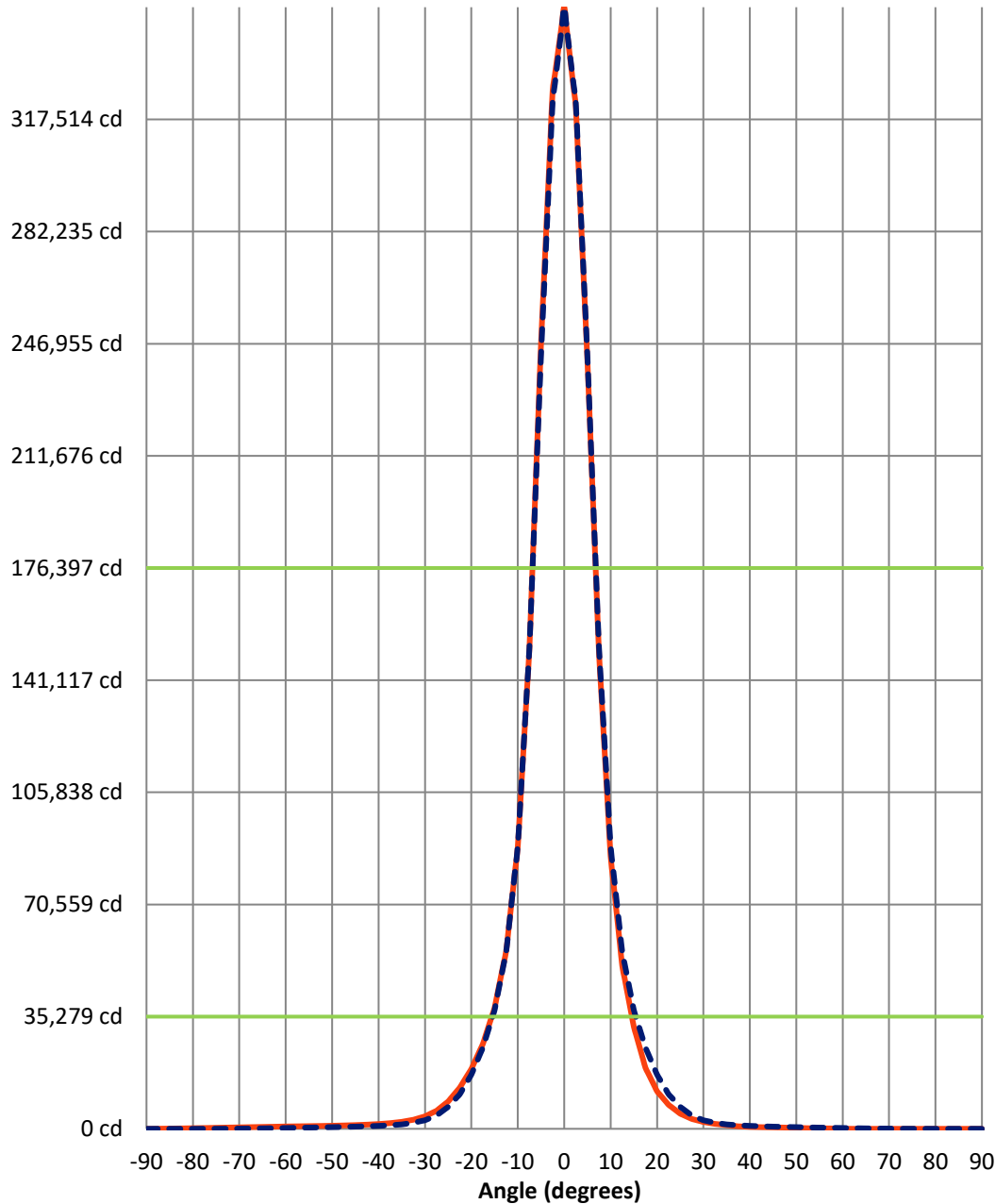


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 11110.9
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 24747.7
 Efficiency: 71.1%

Spill:
 Lumens: 10056.1
 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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.8	0.1	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0
75°	0.0	1.0	0.1	0.0	0.1	0.6	0.2	0.0	0.1	0.7	0.3
72.5°	0.0	1.2	0.2	0.0	0.8	1.1	0.4	0.5	1.6	1.7	0.7
70°	0.0	1.4	0.3	0.1	1.5	1.7	0.9	2.3	3.2	2.8	1.0
67.5°	0.0	1.5	0.4	0.9	2.3	2.3	2.6	4.2	4.8	3.0	1.3
65°	0.0	1.7	0.6	1.6	3.0	3.2	4.3	6.2	5.1	3.3	2.3
62.5°	0.0	1.9	0.8	2.4	3.8	4.3	5.9	7.0	5.3	3.9	4.7
60°	0.0	2.1	1.0	3.2	4.7	5.2	7.3	7.3	5.6	5.4	6.9
57.5°	0.0	2.3	1.6	4.0	5.3	6.1	7.5	7.5	6.3	6.7	7.5
55°	0.0	2.5	2.3	4.8	5.8	6.9	7.5	7.5	6.9	7.5	7.5
52.5°	0.0	2.8	2.8	5.6	6.2	7.5	7.5	7.5	7.3	7.5	7.5
50°	0.0	3.0	3.4	6.4	6.6	7.5	7.5	7.5	7.5	7.5	8.7
47.5°	0.0	3.2	3.9	7.1	6.9	7.5	7.5	7.5	7.5	7.5	10.3
45°	0.0	3.4	4.4	7.3	7.2	7.5	7.5	7.5	7.8	9.3	12.3
42.5°	0.0	3.7	4.8	7.5	7.4	7.5	7.5	7.8	8.2	11.3	16.5
40°	0.0	3.9	5.2	7.5	7.5	7.5	7.5	8.4	9.5	13.7	21.3
37.5°	0.0	4.1	5.6	7.5	7.5	7.5	7.5	9.1	12.1	17.2	26.3
35°	0.0	4.4	5.9	7.5	7.5	7.5	7.5	10.0	14.9	22.0	32.2
32.5°	0.0	4.6	6.2	7.5	7.5	7.5	7.7	11.0	17.7	26.5	39.9
30°	0.0	4.9	6.5	7.5	7.5	7.5	8.5	12.4	20.7	31.0	48.3
27.5°	0.0	5.1	6.7	7.5	7.5	7.5	9.3	14.8	24.0	35.2	57.4
25°	0.0	5.4	6.9	7.5	7.5	7.5	10.2	17.2	27.6	41.4	67.0
22.5°	0.0	5.6	7.1	7.5	7.5	7.6	11.1	19.6	31.0	48.9	78.4
20°	0.0	5.8	7.2	7.5	7.5	8.2	12.1	22.0	34.2	56.6	89.0
17.5°	0.0	6.1	7.3	7.5	7.5	8.8	13.4	24.4	37.2	64.2	98.6
15°	0.0	6.3	7.4	7.5	7.5	9.6	14.9	26.7	40.0	71.8	107.2
12.5°	0.0	6.5	7.4	7.5	7.5	10.4	16.3	29.0	43.8	79.1	115.1
10°	0.0	6.7	7.5	7.5	7.5	11.3	17.7	31.0	48.6	86.0	122.0
7.5°	0.0	7.0	7.5	7.5	7.5	12.2	19.0	32.9	53.5	91.9	128.0
5°	0.0	7.1	7.5	7.5	7.5	13.2	20.2	34.6	58.3	96.9	133.4
2.5°	0.0	7.3	7.5	7.5	7.5	14.0	21.4	36.0	62.9	101.1	138.0
0°	0.0	7.5	7.5	7.5	7.5	14.9	22.4	37.3	67.2	104.5	141.9
-2.5°	0.0	7.5	7.5	7.5	8.1	15.7	24.3	39.6	71.0	107.3	146.7
-5°	0.0	7.5	7.5	7.5	8.8	16.4	26.2	41.6	74.3	109.5	150.7
-7.5°	0.0	7.4	7.5	7.5	9.4	17.1	27.8	43.4	77.0	111.1	153.6
-10°	0.0	7.4	7.5	7.5	9.9	17.6	29.3	45.1	78.9	112.3	155.5
-12.5°	0.0	7.3	7.5	7.5	10.4	18.1	30.5	46.4	80.2	113.5	158.4
-15°	0.0	7.2	7.5	7.5	10.8	18.5	31.4	47.6	80.4	115.7	161.1
-17.5°	0.0	7.2	7.5	7.5	11.2	18.9	32.1	48.7	79.9	116.9	162.3
-20°	0.0	7.0	7.5	7.5	11.4	19.1	32.5	49.7	78.7	116.8	162.0

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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	6.9	7.5	7.5	11.5	19.3	32.9	50.3	77.0	115.5	160.2
-25°	0.0	6.8	7.5	7.5	11.4	19.8	33.1	50.6	74.6	112.8	156.7
-27.5°	0.0	6.7	7.5	7.5	11.2	20.3	33.1	50.4	71.6	109.0	153.3
-30°	0.0	6.5	7.5	7.5	11.0	20.6	33.0	49.8	70.1	105.0	148.2
-32.5°	0.0	6.3	7.5	7.5	11.0	20.7	32.6	49.3	69.2	100.3	141.1
-35°	0.0	6.1	7.5	7.5	10.8	20.7	32.5	48.6	67.8	95.0	132.1
-37.5°	0.0	5.9	7.5	7.5	10.6	20.5	32.4	47.7	65.8	89.0	127.0
-40°	0.0	5.7	7.5	7.5	10.2	20.1	32.0	46.6	63.3	85.2	122.4
-42.5°	0.0	5.5	7.5	7.6	10.1	19.5	31.3	45.2	61.3	83.5	116.6
-45°	0.0	5.3	7.5	7.8	10.4	18.7	30.3	43.9	59.5	81.0	110.2
-47.5°	0.0	5.1	7.5	7.9	10.5	17.7	29.1	42.4	57.5	77.4	106.0
-50°	0.0	4.8	7.5	8.0	10.6	16.6	27.6	40.5	55.3	74.5	100.5
-52.5°	0.0	4.6	7.5	8.1	10.6	15.2	25.9	38.3	52.5	70.4	93.9
-55°	0.0	4.3	7.5	8.1	10.6	14.8	23.9	35.7	49.4	65.1	87.1
-57.5°	0.0	4.0	7.5	8.1	10.4	14.5	21.6	32.9	45.8	60.4	78.9
-60°	0.0	3.7	7.5	8.1	10.2	14.0	19.4	29.7	41.9	55.5	70.7
-62.5°	0.0	3.5	6.9	8.0	9.9	13.4	18.4	26.3	37.5	50.2	64.3
-65°	0.0	3.2	6.3	7.9	9.6	12.7	17.2	23.2	32.9	44.5	57.4
-67.5°	0.0	2.9	5.7	7.7	9.1	11.9	15.9	21.2	27.9	38.4	50.1
-70°	0.0	2.6	5.1	7.5	8.7	11.0	14.5	19.1	24.9	31.9	42.2
-72.5°	0.0	2.3	4.5	6.7	8.2	10.0	12.9	16.9	21.8	27.8	34.6
-75°	0.0	1.9	3.9	5.8	7.6	9.0	11.3	14.8	18.5	23.4	29.2
-77.5°	0.0	1.6	3.2	4.9	6.5	7.9	9.5	12.7	16.1	19.4	23.4
-80°	0.0	1.3	2.6	3.9	5.2	6.5	7.7	10.6	13.7	16.7	19.8
-82.5°	0.0	1.0	2.0	2.9	3.9	4.9	5.8	8.3	11.3	14.0	16.7
-85°	0.0	0.7	1.3	2.0	2.6	3.2	3.9	5.6	7.6	9.9	12.5
-87.5°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.8	3.8	5.0	6.3
-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):

	-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	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.5	2.1	2.5	1.6	0.0	0.0	0.0	0.5	0.0	0.0	0.0
65°	3.7	4.9	3.7	2.0	0.1	1.8	2.5	2.0	0.2	0.0	0.0
62.5°	6.9	5.9	4.1	3.1	4.2	5.7	4.4	2.6	0.7	3.6	5.2
60°	7.5	6.3	5.3	5.9	7.6	6.7	4.9	7.3	10.9	13.7	16.6
57.5°	7.5	6.9	6.8	8.1	8.5	8.5	13.1	17.5	24.8	30.8	34.9
55°	7.7	7.4	8.5	10.1	12.6	17.9	24.4	34.4	42.4	54.7	65.2
52.5°	8.5	8.5	11.4	15.3	22.6	30.8	42.4	56.5	72.5	84.5	97.2
50°	9.7	12.5	15.9	25.6	35.6	48.6	67.6	88.1	101.6	115.2	133.4
47.5°	13.3	16.9	26.2	37.4	51.9	72.6	98.8	113.6	126.9	148.1	170.8
45°	17.9	25.4	36.9	52.4	72.4	101.2	121.9	134.0	157.1	181.6	207.5
42.5°	22.9	35.1	50.7	67.1	98.5	126.0	144.6	163.9	187.1	215.8	243.8
40°	31.1	44.6	65.9	91.5	123.5	150.3	173.7	195.8	218.7	256.2	286.0
37.5°	39.4	59.1	83.1	115.0	148.2	177.5	203.6	231.4	264.0	306.3	333.1
35°	47.4	74.1	103.6	137.5	172.7	205.8	237.2	269.7	312.0	352.0	384.0
32.5°	58.7	89.5	122.6	159.2	195.6	233.0	271.2	309.9	351.6	392.6	434.5
30°	72.9	105.8	140.7	180.1	216.6	260.0	304.2	345.2	387.1	430.2	477.7
27.5°	87.2	121.1	158.9	198.6	236.9	286.4	334.0	376.8	419.9	466.3	520.4
25°	100.4	136.6	176.1	215.1	260.2	313.2	365.4	414.9	451.4	504.3	567.5
22.5°	113.0	151.6	194.1	230.0	282.6	340.2	401.0	454.3	497.5	544.7	616.4
20°	125.6	167.2	210.9	251.2	305.1	367.0	439.1	494.1	547.7	608.5	681.7
17.5°	137.6	181.6	227.6	275.4	332.3	396.4	478.3	534.3	598.3	671.1	763.4
15°	148.9	195.0	244.3	298.0	356.7	425.9	504.8	574.7	651.2	735.3	844.3
12.5°	159.4	207.2	260.7	318.9	378.3	451.2	527.1	601.4	689.4	799.4	936.6
10°	169.1	218.3	276.7	338.0	397.1	472.6	546.7	624.1	716.9	837.7	994.8
7.5°	177.2	229.5	291.8	355.4	413.3	490.3	563.7	642.8	739.9	869.4	1034.0
5°	184.0	241.2	305.9	366.6	426.8	505.5	577.9	657.5	758.2	894.2	1062.0
2.5°	189.7	252.0	318.1	374.7	438.3	519.3	589.2	673.9	776.8	913.5	1088.2
0°	194.2	261.4	328.6	380.8	448.0	530.2	597.4	687.0	791.6	926.0	1112.7
-2.5°	203.3	269.2	334.8	387.8	458.3	532.0	602.8	688.9	797.1	935.7	1117.2
-5°	210.9	275.4	339.4	393.3	466.0	531.8	605.1	687.3	799.0	941.3	1125.3
-7.5°	216.7	280.2	342.4	397.5	470.2	534.3	608.5	692.6	804.9	946.3	1135.9
-10°	220.5	283.7	344.8	402.8	471.2	536.8	609.8	693.8	803.9	943.0	1130.1
-12.5°	222.5	285.7	346.0	405.7	470.9	536.5	608.0	690.6	795.7	931.3	1107.0
-15°	223.1	286.5	345.9	406.1	469.8	533.4	603.2	682.7	780.8	911.3	1070.8
-17.5°	222.4	286.1	344.4	403.6	468.1	527.2	595.8	672.2	765.8	887.7	1041.4
-20°	220.5	284.5	341.8	398.2	465.7	521.5	588.4	662.1	750.2	860.7	998.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627738 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5E-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°	217.4	281.9	338.2	392.8	457.4	516.2	578.7	649.0	727.9	827.9	949.8
-25°	213.8	276.6	333.5	388.6	447.9	508.2	566.5	633.3	705.8	801.8	911.7
-27.5°	209.0	270.2	326.9	382.8	438.0	497.2	554.2	617.4	689.2	773.8	872.0
-30°	202.1	261.1	317.8	374.8	429.2	484.9	539.9	600.2	667.8	747.6	838.2
-32.5°	193.4	251.0	306.5	362.8	419.4	472.6	524.3	582.2	645.7	715.7	801.9
-35°	184.5	240.0	294.2	347.8	407.5	458.8	508.6	561.7	620.8	685.9	756.1
-37.5°	176.2	228.2	281.1	331.7	388.3	441.7	490.2	540.6	595.2	654.9	718.7
-40°	167.3	215.7	267.3	316.6	366.2	420.7	469.1	517.8	568.3	628.2	684.9
-42.5°	158.0	205.1	252.8	301.2	348.5	397.2	445.6	492.3	545.5	602.2	657.9
-45°	150.3	194.0	238.3	285.3	332.0	376.0	421.4	465.0	519.0	575.7	630.2
-47.5°	141.2	182.6	225.6	268.1	314.0	358.0	398.7	442.8	488.9	542.3	599.4
-50°	131.9	171.1	210.7	250.8	294.2	338.2	379.6	420.3	463.8	507.7	557.0
-52.5°	123.9	158.1	194.8	231.7	272.7	315.7	357.6	398.3	438.3	479.6	521.7
-55°	114.5	145.8	178.2	212.7	248.7	289.9	331.3	371.1	411.9	450.5	491.7
-57.5°	104.0	132.1	161.6	194.0	226.7	260.5	300.7	340.3	378.6	417.6	460.2
-60°	92.1	117.3	144.1	173.8	205.8	236.7	269.3	305.9	343.0	380.0	419.2
-62.5°	79.8	101.7	125.8	151.8	181.1	211.5	241.3	272.5	305.8	338.0	372.0
-65°	71.6	87.0	107.3	130.4	154.5	181.7	209.9	238.7	268.0	295.3	321.6
-67.5°	62.9	76.8	91.8	108.8	130.7	153.6	176.1	202.0	228.2	253.3	277.8
-70°	53.6	66.0	79.3	93.4	109.0	127.7	148.8	169.5	189.7	210.8	233.5
-72.5°	43.9	54.6	66.2	78.5	91.7	106.5	122.8	140.4	158.4	175.8	193.5
-75°	36.0	43.1	52.6	63.0	74.4	86.1	97.8	111.7	126.9	142.2	157.2
-77.5°	29.7	36.2	42.7	49.1	57.3	67.9	78.4	88.7	99.3	110.8	123.1
-80°	24.1	29.2	35.1	41.0	46.6	53.0	60.3	68.5	76.0	83.6	92.0
-82.5°	20.1	24.0	28.2	32.8	36.1	39.5	43.4	48.1	53.1	58.2	63.6
-85°	15.4	18.6	21.4	24.5	26.0	27.7	29.6	31.6	34.8	38.0	41.1
-87.5°	7.7	9.3	11.0	12.8	13.6	14.4	15.1	15.8	17.9	20.0	22.2
-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: P627738 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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°	0.4	0.1	0.0	0.0	0.1	1.4	1.9	1.6	0.7	0.0	0.0
62.5°	4.4	3.6	5.8	7.7	8.5	8.3	7.6	6.8	5.8	5.4	6.1
60°	17.9	17.5	24.4	27.8	25.3	17.8	28.1	33.2	31.9	27.3	27.2
57.5°	43.8	53.2	60.0	63.0	73.0	89.0	92.0	86.7	84.8	86.5	100.0
55°	76.0	83.6	87.5	101.1	113.0	121.8	126.9	132.1	139.7	149.1	158.8
52.5°	107.4	117.9	125.8	138.0	152.4	157.4	156.0	174.5	189.0	198.2	202.0
50°	147.5	160.6	179.1	198.1	206.4	214.4	222.9	238.1	260.2	287.7	303.5
47.5°	190.7	211.3	230.8	252.5	263.4	272.0	284.7	311.1	342.6	372.2	387.6
45°	229.6	247.9	270.2	289.0	302.6	319.1	337.4	361.2	396.5	427.5	448.8
42.5°	260.9	281.5	304.5	327.2	340.9	363.2	391.0	423.5	460.4	492.6	516.4
40°	304.7	322.1	358.7	380.2	385.7	406.5	462.3	506.7	548.4	588.0	607.7
37.5°	357.6	391.6	429.6	449.2	468.4	505.1	579.9	651.6	704.7	758.4	787.7
35°	417.7	462.5	514.2	537.3	578.6	658.6	746.3	846.1	970.3	1022.3	1069.7
32.5°	476.2	526.3	573.9	625.8	698.0	793.5	892.4	1054.2	1205.3	1322.2	1407.7
30°	528.0	581.1	640.3	707.1	808.7	940.4	1105.7	1314.9	1527.8	1713.6	1870.8
27.5°	579.3	639.7	710.0	809.6	952.7	1131.5	1395.3	1693.8	2049.2	2311.0	2623.7
25°	635.5	704.5	794.8	939.1	1132.2	1399.6	1821.3	2306.1	2888.8	3361.3	3855.8
22.5°	701.9	803.9	918.4	1079.2	1416.5	1857.1	2433.2	3261.8	4158.2	4987.0	5785.1
20°	782.2	921.7	1105.4	1401.6	1834.6	2485.9	3487.0	4809.3	6127.6	7531.6	8883.2
17.5°	896.8	1097.8	1383.2	1804.9	2375.5	3663.9	5288.1	7333.4	9961.1	12342.3	14421.4
15°	1004.3	1244.4	1695.2	2325.5	3320.8	5028.4	7495.3	10871.2	14966.3	18698.5	22640.4
12.5°	1117.1	1400.6	1918.4	2720.9	4103.8	6326.9	9793.9	14419.4	19547.1	25172.0	31578.9
10°	1206.5	1550.7	2170.7	3188.1	4892.8	7661.2	11790.8	17400.6	24214.6	32539.0	42781.0
7.5°	1266.8	1671.0	2379.0	3530.1	5619.2	9025.7	13997.1	20739.7	29258.5	40286.6	54617.9
5°	1313.9	1762.8	2535.7	3842.0	6233.7	10067.4	15631.7	23663.8	33741.2	48516.8	72804.2
2.5°	1351.8	1833.1	2632.6	4056.8	6619.3	10792.8	16728.3	25318.2	36409.5	54601.6	86111.2
0°	1381.5	1896.7	2695.8	4189.3	6914.9	10865.2	17070.6	25620.9	37367.2	55699.9	88974.9
-2.5°	1394.1	1930.7	2717.5	4218.3	6885.3	10989.7	17175.1	25862.7	37331.3	55098.1	85776.5
-5°	1415.1	1930.2	2701.1	4188.6	6730.9	10667.8	16493.0	24509.5	35079.1	50359.3	75493.6
-7.5°	1430.1	1899.4	2622.9	3998.9	6326.9	9971.8	15294.5	22267.5	30980.1	42582.0	58148.4
-10°	1416.3	1840.4	2492.5	3680.5	5698.6	8855.2	13472.0	19307.7	26548.7	35146.7	45722.9
-12.5°	1363.0	1731.3	2279.8	3234.5	4885.0	7604.5	11638.3	16607.0	21966.4	28004.8	35313.1
-15°	1295.6	1613.7	2088.1	2928.6	4281.8	6364.9	9309.8	13340.7	17639.9	22224.6	27113.6
-17.5°	1243.2	1510.4	1903.3	2511.7	3507.0	5163.4	7477.6	10341.1	13500.5	16991.0	19888.2
-20°	1172.2	1383.3	1713.1	2210.0	2969.4	4066.8	5752.3	7832.5	9917.4	12371.6	14373.0

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627738 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5E-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°	1101.0	1285.0	1535.9	1899.6	2464.6	3293.7	4335.0	5724.1	7248.7	8657.3	10044.0
-25°	1035.0	1176.7	1379.6	1678.0	2061.3	2627.0	3368.2	4165.1	5170.0	6027.5	6979.1
-27.5°	981.5	1103.2	1253.0	1471.7	1769.1	2133.0	2663.8	3197.7	3726.2	4158.9	4814.1
-30°	929.9	1027.8	1153.1	1309.0	1532.0	1812.5	2157.0	2503.3	2808.3	3086.6	3427.7
-32.5°	879.2	958.9	1054.9	1184.4	1344.4	1555.2	1767.0	2015.2	2227.2	2422.8	2603.9
-35°	828.4	899.3	972.5	1081.7	1209.2	1359.0	1512.9	1681.1	1827.9	1959.6	2076.2
-37.5°	782.5	844.8	913.6	994.9	1097.7	1210.5	1336.2	1458.3	1555.2	1640.8	1711.5
-40°	743.8	800.5	859.4	924.4	1002.7	1091.7	1198.4	1300.2	1368.1	1420.3	1463.2
-42.5°	709.2	759.1	809.3	864.5	924.6	1001.6	1085.9	1169.9	1216.0	1256.4	1287.4
-45°	681.5	719.7	761.9	809.1	862.4	926.8	993.1	1051.2	1092.1	1126.9	1152.8
-47.5°	644.8	681.7	718.2	757.1	806.7	860.5	915.3	960.0	995.7	1026.0	1045.7
-50°	604.3	643.2	676.7	710.9	756.5	802.1	846.2	883.1	917.2	946.9	962.5
-52.5°	562.6	604.2	639.3	672.7	711.0	750.8	790.6	822.2	852.0	880.0	891.8
-55°	532.4	570.8	607.1	638.5	670.1	701.9	734.3	767.1	796.7	823.2	831.1
-57.5°	499.9	539.0	574.8	603.1	631.6	660.3	690.0	719.6	748.1	773.6	780.0
-60°	460.2	502.6	534.5	561.1	588.8	617.1	643.0	669.4	695.9	718.2	725.3
-62.5°	409.7	448.3	479.8	507.9	534.6	559.3	584.5	609.1	633.0	650.5	656.3
-65°	349.2	382.1	414.5	443.9	470.2	494.0	517.3	539.8	561.4	576.9	584.6
-67.5°	301.5	325.1	351.2	376.5	403.0	427.4	448.4	468.2	486.8	499.9	508.1
-70°	255.5	278.0	302.4	326.5	349.5	369.4	386.2	402.5	418.3	429.9	438.6
-72.5°	211.5	230.6	250.9	272.2	293.2	311.2	326.6	341.1	354.8	364.8	372.8
-75°	171.7	187.5	204.7	221.9	238.9	253.2	266.0	278.6	290.7	299.5	306.9
-77.5°	136.3	149.6	163.0	176.5	190.0	200.3	209.8	219.0	227.9	234.9	241.2
-80°	101.0	111.4	122.1	132.9	143.6	151.5	158.6	165.3	171.7	175.8	179.4
-82.5°	69.0	76.3	83.8	91.4	99.0	104.8	110.4	116.0	121.4	123.3	124.7
-85°	44.1	47.7	51.6	55.8	60.1	63.3	66.4	69.3	72.1	74.7	77.1
-87.5°	24.5	25.2	25.9	26.5	27.1	29.3	31.6	33.8	36.0	36.4	36.7
-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: P627738 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5E-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	0.7	1.6
62.5°	6.7	7.2	7.4	7.5	7.4	7.2	6.7	6.1	5.4	5.8	6.8
60°	25.5	22.7	22.2	22.4	22.2	22.7	25.5	27.2	27.3	31.9	33.2
57.5°	113.6	126.3	129.8	126.9	129.8	126.3	113.6	100.0	86.5	84.8	86.7
55°	165.4	169.4	171.2	171.8	171.2	169.4	165.4	158.8	149.1	139.7	132.1
52.5°	202.8	201.4	201.1	201.6	201.1	201.4	202.8	202.0	198.2	189.0	174.5
50°	304.7	299.1	296.9	298.7	296.9	299.1	304.7	303.5	287.7	260.2	238.1
47.5°	389.5	391.2	393.9	395.8	393.9	391.2	389.5	387.6	372.2	342.6	311.1
45°	454.8	458.8	461.5	463.0	461.5	458.8	454.8	448.8	427.5	396.5	361.2
42.5°	521.6	522.0	521.3	522.7	521.3	522.0	521.6	516.4	492.6	460.4	423.5
40°	615.8	617.7	615.6	612.3	615.6	617.7	615.8	607.7	588.0	548.4	506.7
37.5°	804.8	807.5	798.6	791.6	798.6	807.5	804.8	787.7	758.4	704.7	651.6
35°	1112.9	1144.8	1160.0	1164.9	1160.0	1144.8	1112.9	1069.7	1022.3	970.3	846.1
32.5°	1466.8	1511.2	1533.5	1553.2	1533.5	1511.2	1466.8	1407.7	1322.2	1205.3	1054.2
30°	1973.9	2055.8	2091.9	2143.2	2091.9	2055.8	1973.9	1870.8	1713.6	1527.8	1314.9
27.5°	2801.2	2945.2	3025.0	3099.0	3025.0	2945.2	2801.2	2623.7	2311.0	2049.2	1693.8
25°	4215.1	4492.5	4672.0	4756.8	4672.0	4492.5	4215.1	3855.8	3361.3	2888.8	2306.1
22.5°	6557.4	7068.8	7463.1	7542.1	7463.1	7068.8	6557.4	5785.1	4987.0	4158.2	3261.8
20°	10194.4	10926.1	11521.3	11821.0	11521.3	10926.1	10194.4	8883.2	7531.6	6127.6	4809.3
17.5°	16897.6	18419.5	19114.6	19228.7	19114.6	18419.5	16897.6	14421.4	12342.3	9961.1	7333.4
15°	26870.0	29445.2	31079.9	32132.5	31079.9	29445.2	26870.0	22640.4	18698.5	14966.3	10871.2
12.5°	38248.3	45565.5	49729.0	51316.5	49729.0	45565.5	38248.3	31578.9	25172.0	19547.1	14419.4
10°	53691.0	70916.8	80853.4	85853.5	80853.4	70916.8	53691.0	42781.0	32539.0	24214.6	17400.6
7.5°	79901.0	106506.5	135984.3	149622.1	135984.3	106506.5	79901.0	54617.9	40286.6	29258.5	20739.7
5°	107454.0	165868.9	217140.2	241692.3	217140.2	165868.9	107454.0	72804.2	48516.8	33741.2	23663.8
2.5°	139121.9	217899.9	290736.6	321362.8	290736.6	217899.9	139121.9	86111.2	54601.6	36409.5	25318.2
0°	151309.7	243073.7	322733.0	352793.3	322733.0	243073.7	151309.7	88974.9	55699.9	37367.2	25620.9
-2.5°	141006.0	221716.4	291987.9	326336.0	291987.9	221716.4	141006.0	85776.5	55098.1	37331.3	25862.7
-5°	112036.5	166783.2	218825.9	246814.9	218825.9	166783.2	112036.5	75493.6	50359.3	35079.1	24509.5
-7.5°	82227.8	112031.3	140934.1	151040.9	140934.1	112031.3	82227.8	58148.4	42582.0	30980.1	22267.5
-10°	57248.6	74315.2	85580.8	88795.7	85580.8	74315.2	57248.6	45722.9	35146.7	26548.7	19307.7
-12.5°	42444.1	49909.0	55102.9	56006.1	55102.9	49909.0	42444.1	35313.1	28004.8	21966.4	16607.0
-15°	31428.8	35224.9	37903.8	38084.1	37903.8	35224.9	31428.8	27113.6	22224.6	17639.9	13340.7
-17.5°	22974.6	25522.8	26874.7	26778.4	26874.7	25522.8	22974.6	19888.2	16991.0	13500.5	10341.1
-20°	16428.2	17964.2	19053.5	18840.4	19053.5	17964.2	16428.2	14373.0	12371.6	9917.4	7832.5

Classified

Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P627738 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5E-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°	11454.9	12474.5	13112.8	12948.6	13112.8	12474.5	11454.9	10044.0	8657.3	7248.7	5724.1
-25°	7783.4	8339.0	8655.1	8602.5	8655.1	8339.0	7783.4	6979.1	6027.5	5170.0	4165.1
-27.5°	5304.0	5597.4	5695.3	5690.2	5695.3	5597.4	5304.0	4814.1	4158.9	3726.2	3197.7
-30°	3681.4	3878.6	3991.3	3920.4	3991.3	3878.6	3681.4	3427.7	3086.6	2808.3	2503.3
-32.5°	2743.8	2855.1	2919.4	2852.6	2919.4	2855.1	2743.8	2603.9	2422.8	2227.2	2015.2
-35°	2162.4	2218.6	2241.3	2202.9	2241.3	2218.6	2162.4	2076.2	1959.6	1827.9	1681.1
-37.5°	1763.0	1796.0	1807.1	1784.7	1807.1	1796.0	1763.0	1711.5	1640.8	1555.2	1458.3
-40°	1493.8	1514.0	1519.0	1501.0	1519.0	1514.0	1493.8	1463.2	1420.3	1368.1	1300.2
-42.5°	1307.0	1319.1	1321.9	1314.3	1321.9	1319.1	1307.0	1287.4	1256.4	1216.0	1169.9
-45°	1168.1	1178.4	1180.4	1172.4	1180.4	1178.4	1168.1	1152.8	1126.9	1092.1	1051.2
-47.5°	1055.6	1062.0	1063.6	1060.4	1063.6	1062.0	1055.6	1045.7	1026.0	995.7	960.0
-50°	969.5	973.9	974.3	970.8	974.3	973.9	969.5	962.5	946.9	917.2	883.1
-52.5°	897.4	900.5	902.6	903.6	902.6	900.5	897.4	891.8	880.0	852.0	822.2
-55°	836.6	840.6	843.0	843.8	843.0	840.6	836.6	831.1	823.2	796.7	767.1
-57.5°	785.1	788.7	790.9	791.6	790.9	788.7	785.1	780.0	773.6	748.1	719.6
-60°	731.2	735.6	738.4	739.3	738.4	735.6	731.2	725.3	718.2	695.9	669.4
-62.5°	660.1	662.0	663.8	664.6	663.8	662.0	660.1	656.3	650.5	633.0	609.1
-65°	590.4	594.3	596.7	597.4	596.7	594.3	590.4	584.6	576.9	561.4	539.8
-67.5°	514.8	520.0	525.5	530.2	525.5	520.0	514.8	508.1	499.9	486.8	468.2
-70°	446.3	452.9	455.0	455.5	455.0	452.9	446.3	438.6	429.9	418.3	402.5
-72.5°	379.9	386.1	391.4	395.8	391.4	386.1	379.9	372.8	364.8	354.8	341.1
-75°	313.5	319.3	320.7	321.1	320.7	319.3	313.5	306.9	299.5	290.7	278.6
-77.5°	247.1	252.4	253.6	253.9	253.6	252.4	247.1	241.2	234.9	227.9	219.0
-80°	182.7	185.7	190.1	194.2	190.1	185.7	182.7	179.4	175.8	171.7	165.3
-82.5°	125.7	126.4	126.8	126.9	126.8	126.4	125.7	124.7	123.3	121.4	116.0
-85°	79.5	81.7	82.0	82.1	82.0	81.7	79.5	77.1	74.7	72.1	69.3
-87.5°	37.0	37.2	37.3	37.3	37.3	37.2	37.0	36.7	36.4	36.0	33.8
-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: P627738 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
65°	1.9	1.4	0.1	0.0	0.0	0.1	0.4	0.0	0.0	0.2	2.0
62.5°	7.6	8.3	8.5	7.7	5.8	3.6	4.4	5.2	3.6	0.7	2.6
60°	28.1	17.8	25.3	27.8	24.4	17.5	17.9	16.6	13.7	10.9	7.3
57.5°	92.0	89.0	73.0	63.0	60.0	53.2	43.8	34.9	30.8	24.8	17.5
55°	126.9	121.8	113.0	101.1	87.5	83.6	76.0	65.2	54.7	42.4	34.4
52.5°	156.0	157.4	152.4	138.0	125.8	117.9	107.4	97.2	84.5	72.5	56.5
50°	222.9	214.4	206.4	198.1	179.1	160.6	147.5	133.4	115.2	101.6	88.1
47.5°	284.7	272.0	263.4	252.5	230.8	211.3	190.7	170.8	148.1	126.9	113.6
45°	337.4	319.1	302.6	289.0	270.2	247.9	229.6	207.5	181.6	157.1	134.0
42.5°	391.0	363.2	340.9	327.2	304.5	281.5	260.9	243.8	215.8	187.1	163.9
40°	462.3	406.5	385.7	380.2	358.7	322.1	304.7	286.0	256.2	218.7	195.8
37.5°	579.9	505.1	468.4	449.2	429.6	391.6	357.6	333.1	306.3	264.0	231.4
35°	746.3	658.6	578.6	537.3	514.2	462.5	417.7	384.0	352.0	312.0	269.7
32.5°	892.4	793.5	698.0	625.8	573.9	526.3	476.2	434.5	392.6	351.6	309.9
30°	1105.7	940.4	808.7	707.1	640.3	581.1	528.0	477.7	430.2	387.1	345.2
27.5°	1395.3	1131.5	952.7	809.6	710.0	639.7	579.3	520.4	466.3	419.9	376.8
25°	1821.3	1399.6	1132.2	939.1	794.8	704.5	635.5	567.5	504.3	451.4	414.9
22.5°	2433.2	1857.1	1416.5	1079.2	918.4	803.9	701.9	616.4	544.7	497.5	454.3
20°	3487.0	2485.9	1834.6	1401.6	1105.4	921.7	782.2	681.7	608.5	547.7	494.1
17.5°	5288.1	3663.9	2375.5	1804.9	1383.2	1097.8	896.8	763.4	671.1	598.3	534.3
15°	7495.3	5028.4	3320.8	2325.5	1695.2	1244.4	1004.3	844.3	735.3	651.2	574.7
12.5°	9793.9	6326.9	4103.8	2720.9	1918.4	1400.6	1117.1	936.6	799.4	689.4	601.4
10°	11790.8	7661.2	4892.8	3188.1	2170.7	1550.7	1206.5	994.8	837.7	716.9	624.1
7.5°	13997.1	9025.7	5619.2	3530.1	2379.0	1671.0	1266.8	1034.0	869.4	739.9	642.8
5°	15631.7	10067.4	6233.7	3842.0	2535.7	1762.8	1313.9	1062.0	894.2	758.2	657.5
2.5°	16728.3	10792.8	6619.3	4056.8	2632.6	1833.1	1351.8	1088.2	913.5	776.8	673.9
0°	17070.6	10865.2	6914.9	4189.3	2695.8	1896.7	1381.5	1112.7	926.0	791.6	687.0
-2.5°	17175.1	10989.7	6885.3	4218.3	2717.5	1930.7	1394.1	1117.2	935.7	797.1	688.9
-5°	16493.0	10667.8	6730.9	4188.6	2701.1	1930.2	1415.1	1125.3	941.3	799.0	687.3
-7.5°	15294.5	9971.8	6326.9	3998.9	2622.9	1899.4	1430.1	1135.9	946.3	804.9	692.6
-10°	13472.0	8855.2	5698.6	3680.5	2492.5	1840.4	1416.3	1130.1	943.0	803.9	693.8
-12.5°	11638.3	7604.5	4885.0	3234.5	2279.8	1731.3	1363.0	1107.0	931.3	795.7	690.6
-15°	9309.8	6364.9	4281.8	2928.6	2088.1	1613.7	1295.6	1070.8	911.3	780.8	682.7
-17.5°	7477.6	5163.4	3507.0	2511.7	1903.3	1510.4	1243.2	1041.4	887.7	765.8	672.2
-20°	5752.3	4066.8	2969.4	2210.0	1713.1	1383.3	1172.2	998.1	860.7	750.2	662.1

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REPORT NUMBER: P627738 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5E-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°	4335.0	3293.7	2464.6	1899.6	1535.9	1285.0	1101.0	949.8	827.9	727.9	649.0
-25°	3368.2	2627.0	2061.3	1678.0	1379.6	1176.7	1035.0	911.7	801.8	705.8	633.3
-27.5°	2663.8	2133.0	1769.1	1471.7	1253.0	1103.2	981.5	872.0	773.8	689.2	617.4
-30°	2157.0	1812.5	1532.0	1309.0	1153.1	1027.8	929.9	838.2	747.6	667.8	600.2
-32.5°	1767.0	1555.2	1344.4	1184.4	1054.9	958.9	879.2	801.9	715.7	645.7	582.2
-35°	1512.9	1359.0	1209.2	1081.7	972.5	899.3	828.4	756.1	685.9	620.8	561.7
-37.5°	1336.2	1210.5	1097.7	994.9	913.6	844.8	782.5	718.7	654.9	595.2	540.6
-40°	1198.4	1091.7	1002.7	924.4	859.4	800.5	743.8	684.9	628.2	568.3	517.8
-42.5°	1085.9	1001.6	924.6	864.5	809.3	759.1	709.2	657.9	602.2	545.5	492.3
-45°	993.1	926.8	862.4	809.1	761.9	719.7	681.5	630.2	575.7	519.0	465.0
-47.5°	915.3	860.5	806.7	757.1	718.2	681.7	644.8	599.4	542.3	488.9	442.8
-50°	846.2	802.1	756.5	710.9	676.7	643.2	604.3	557.0	507.7	463.8	420.3
-52.5°	790.6	750.8	711.0	672.7	639.3	604.2	562.6	521.7	479.6	438.3	398.3
-55°	734.3	701.9	670.1	638.5	607.1	570.8	532.4	491.7	450.5	411.9	371.1
-57.5°	690.0	660.3	631.6	603.1	574.8	539.0	499.9	460.2	417.6	378.6	340.3
-60°	643.0	617.1	588.8	561.1	534.5	502.6	460.2	419.2	380.0	343.0	305.9
-62.5°	584.5	559.3	534.6	507.9	479.8	448.3	409.7	372.0	338.0	305.8	272.5
-65°	517.3	494.0	470.2	443.9	414.5	382.1	349.2	321.6	295.3	268.0	238.7
-67.5°	448.4	427.4	403.0	376.5	351.2	325.1	301.5	277.8	253.3	228.2	202.0
-70°	386.2	369.4	349.5	326.5	302.4	278.0	255.5	233.5	210.8	189.7	169.5
-72.5°	326.6	311.2	293.2	272.2	250.9	230.6	211.5	193.5	175.8	158.4	140.4
-75°	266.0	253.2	238.9	221.9	204.7	187.5	171.7	157.2	142.2	126.9	111.7
-77.5°	209.8	200.3	190.0	176.5	163.0	149.6	136.3	123.1	110.8	99.3	88.7
-80°	158.6	151.5	143.6	132.9	122.1	111.4	101.0	92.0	83.6	76.0	68.5
-82.5°	110.4	104.8	99.0	91.4	83.8	76.3	69.0	63.6	58.2	53.1	48.1
-85°	66.4	63.3	60.1	55.8	51.6	47.7	44.1	41.1	38.0	34.8	31.6
-87.5°	31.6	29.3	27.1	26.5	25.9	25.2	24.5	22.2	20.0	17.9	15.8
-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	0.3	0.7	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.7	1.6	0.5
70°	0.0	0.0	0.0	0.7	0.7	0.0	0.0	1.0	2.8	3.2	2.3
67.5°	0.0	0.0	0.0	1.6	2.5	2.1	0.5	1.3	3.0	4.8	4.2
65°	2.5	1.8	0.1	2.0	3.7	4.9	3.7	2.3	3.3	5.1	6.2
62.5°	4.4	5.7	4.2	3.1	4.1	5.9	6.9	4.7	3.9	5.3	7.0
60°	4.9	6.7	7.6	5.9	5.3	6.3	7.5	6.9	5.4	5.6	7.3
57.5°	13.1	8.5	8.5	8.1	6.8	6.9	7.5	7.5	6.7	6.3	7.5
55°	24.4	17.9	12.6	10.1	8.5	7.4	7.7	7.5	7.5	6.9	7.5
52.5°	42.4	30.8	22.6	15.3	11.4	8.5	8.5	7.5	7.5	7.3	7.5
50°	67.6	48.6	35.6	25.6	15.9	12.5	9.7	8.7	7.5	7.5	7.5
47.5°	98.8	72.6	51.9	37.4	26.2	16.9	13.3	10.3	7.5	7.5	7.5
45°	121.9	101.2	72.4	52.4	36.9	25.4	17.9	12.3	9.3	7.8	7.5
42.5°	144.6	126.0	98.5	67.1	50.7	35.1	22.9	16.5	11.3	8.2	7.8
40°	173.7	150.3	123.5	91.5	65.9	44.6	31.1	21.3	13.7	9.5	8.4
37.5°	203.6	177.5	148.2	115.0	83.1	59.1	39.4	26.3	17.2	12.1	9.1
35°	237.2	205.8	172.7	137.5	103.6	74.1	47.4	32.2	22.0	14.9	10.0
32.5°	271.2	233.0	195.6	159.2	122.6	89.5	58.7	39.9	26.5	17.7	11.0
30°	304.2	260.0	216.6	180.1	140.7	105.8	72.9	48.3	31.0	20.7	12.4
27.5°	334.0	286.4	236.9	198.6	158.9	121.1	87.2	57.4	35.2	24.0	14.8
25°	365.4	313.2	260.2	215.1	176.1	136.6	100.4	67.0	41.4	27.6	17.2
22.5°	401.0	340.2	282.6	230.0	194.1	151.6	113.0	78.4	48.9	31.0	19.6
20°	439.1	367.0	305.1	251.2	210.9	167.2	125.6	89.0	56.6	34.2	22.0
17.5°	478.3	396.4	332.3	275.4	227.6	181.6	137.6	98.6	64.2	37.2	24.4
15°	504.8	425.9	356.7	298.0	244.3	195.0	148.9	107.2	71.8	40.0	26.7
12.5°	527.1	451.2	378.3	318.9	260.7	207.2	159.4	115.1	79.1	43.8	29.0
10°	546.7	472.6	397.1	338.0	276.7	218.3	169.1	122.0	86.0	48.6	31.0
7.5°	563.7	490.3	413.3	355.4	291.8	229.5	177.2	128.0	91.9	53.5	32.9
5°	577.9	505.5	426.8	366.6	305.9	241.2	184.0	133.4	96.9	58.3	34.6
2.5°	589.2	519.3	438.3	374.7	318.1	252.0	189.7	138.0	101.1	62.9	36.0
0°	597.4	530.2	448.0	380.8	328.6	261.4	194.2	141.9	104.5	67.2	37.3
-2.5°	602.8	532.0	458.3	387.8	334.8	269.2	203.3	146.7	107.3	71.0	39.6
-5°	605.1	531.8	466.0	393.3	339.4	275.4	210.9	150.7	109.5	74.3	41.6
-7.5°	608.5	534.3	470.2	397.5	342.4	280.2	216.7	153.6	111.1	77.0	43.4
-10°	609.8	536.8	471.2	402.8	344.8	283.7	220.5	155.5	112.3	78.9	45.1
-12.5°	608.0	536.5	470.9	405.7	346.0	285.7	222.5	158.4	113.5	80.2	46.4
-15°	603.2	533.4	469.8	406.1	345.9	286.5	223.1	161.1	115.7	80.4	47.6
-17.5°	595.8	527.2	468.1	403.6	344.4	286.1	222.4	162.3	116.9	79.9	48.7
-20°	588.4	521.5	465.7	398.2	341.8	284.5	220.5	162.0	116.8	78.7	49.7



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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°	578.7	516.2	457.4	392.8	338.2	281.9	217.4	160.2	115.5	77.0	50.3
-25°	566.5	508.2	447.9	388.6	333.5	276.6	213.8	156.7	112.8	74.6	50.6
-27.5°	554.2	497.2	438.0	382.8	326.9	270.2	209.0	153.3	109.0	71.6	50.4
-30°	539.9	484.9	429.2	374.8	317.8	261.1	202.1	148.2	105.0	70.1	49.8
-32.5°	524.3	472.6	419.4	362.8	306.5	251.0	193.4	141.1	100.3	69.2	49.3
-35°	508.6	458.8	407.5	347.8	294.2	240.0	184.5	132.1	95.0	67.8	48.6
-37.5°	490.2	441.7	388.3	331.7	281.1	228.2	176.2	127.0	89.0	65.8	47.7
-40°	469.1	420.7	366.2	316.6	267.3	215.7	167.3	122.4	85.2	63.3	46.6
-42.5°	445.6	397.2	348.5	301.2	252.8	205.1	158.0	116.6	83.5	61.3	45.2
-45°	421.4	376.0	332.0	285.3	238.3	194.0	150.3	110.2	81.0	59.5	43.9
-47.5°	398.7	358.0	314.0	268.1	225.6	182.6	141.2	106.0	77.4	57.5	42.4
-50°	379.6	338.2	294.2	250.8	210.7	171.1	131.9	100.5	74.5	55.3	40.5
-52.5°	357.6	315.7	272.7	231.7	194.8	158.1	123.9	93.9	70.4	52.5	38.3
-55°	331.3	289.9	248.7	212.7	178.2	145.8	114.5	87.1	65.1	49.4	35.7
-57.5°	300.7	260.5	226.7	194.0	161.6	132.1	104.0	78.9	60.4	45.8	32.9
-60°	269.3	236.7	205.8	173.8	144.1	117.3	92.1	70.7	55.5	41.9	29.7
-62.5°	241.3	211.5	181.1	151.8	125.8	101.7	79.8	64.3	50.2	37.5	26.3
-65°	209.9	181.7	154.5	130.4	107.3	87.0	71.6	57.4	44.5	32.9	23.2
-67.5°	176.1	153.6	130.7	108.8	91.8	76.8	62.9	50.1	38.4	27.9	21.2
-70°	148.8	127.7	109.0	93.4	79.3	66.0	53.6	42.2	31.9	24.9	19.1
-72.5°	122.8	106.5	91.7	78.5	66.2	54.6	43.9	34.6	27.8	21.8	16.9
-75°	97.8	86.1	74.4	63.0	52.6	43.1	36.0	29.2	23.4	18.5	14.8
-77.5°	78.4	67.9	57.3	49.1	42.7	36.2	29.7	23.4	19.4	16.1	12.7
-80°	60.3	53.0	46.6	41.0	35.1	29.2	24.1	19.8	16.7	13.7	10.6
-82.5°	43.4	39.5	36.1	32.8	28.2	24.0	20.1	16.7	14.0	11.3	8.3
-85°	29.6	27.7	26.0	24.5	21.4	18.6	15.4	12.5	9.9	7.6	5.6
-87.5°	15.1	14.4	13.6	12.8	11.0	9.3	7.7	6.3	5.0	3.8	2.8
-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	0.2	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.3	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.5	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.7	0.0
77.5°	0.1	0.2	0.0	0.0	0.1	0.8	0.0
75°	0.2	0.6	0.1	0.0	0.1	1.0	0.0
72.5°	0.4	1.1	0.8	0.0	0.2	1.2	0.0
70°	0.9	1.7	1.5	0.1	0.3	1.4	0.0
67.5°	2.6	2.3	2.3	0.9	0.4	1.5	0.0
65°	4.3	3.2	3.0	1.6	0.6	1.7	0.0
62.5°	5.9	4.3	3.8	2.4	0.8	1.9	0.0
60°	7.3	5.2	4.7	3.2	1.0	2.1	0.0
57.5°	7.5	6.1	5.3	4.0	1.6	2.3	0.0
55°	7.5	6.9	5.8	4.8	2.3	2.5	0.0
52.5°	7.5	7.5	6.2	5.6	2.8	2.8	0.0
50°	7.5	7.5	6.6	6.4	3.4	3.0	0.0
47.5°	7.5	7.5	6.9	7.1	3.9	3.2	0.0
45°	7.5	7.5	7.2	7.3	4.4	3.4	0.0
42.5°	7.5	7.5	7.4	7.5	4.8	3.7	0.0
40°	7.5	7.5	7.5	7.5	5.2	3.9	0.0
37.5°	7.5	7.5	7.5	7.5	5.6	4.1	0.0
35°	7.5	7.5	7.5	7.5	5.9	4.4	0.0
32.5°	7.7	7.5	7.5	7.5	6.2	4.6	0.0
30°	8.5	7.5	7.5	7.5	6.5	4.9	0.0
27.5°	9.3	7.5	7.5	7.5	6.7	5.1	0.0
25°	10.2	7.5	7.5	7.5	6.9	5.4	0.0
22.5°	11.1	7.6	7.5	7.5	7.1	5.6	0.0
20°	12.1	8.2	7.5	7.5	7.2	5.8	0.0
17.5°	13.4	8.8	7.5	7.5	7.3	6.1	0.0
15°	14.9	9.6	7.5	7.5	7.4	6.3	0.0
12.5°	16.3	10.4	7.5	7.5	7.4	6.5	0.0
10°	17.7	11.3	7.5	7.5	7.5	6.7	0.0
7.5°	19.0	12.2	7.5	7.5	7.5	7.0	0.0
5°	20.2	13.2	7.5	7.5	7.5	7.1	0.0
2.5°	21.4	14.0	7.5	7.5	7.5	7.3	0.0
0°	22.4	14.9	7.5	7.5	7.5	7.5	0.0
-2.5°	24.3	15.7	8.1	7.5	7.5	7.5	0.0
-5°	26.2	16.4	8.8	7.5	7.5	7.5	0.0
-7.5°	27.8	17.1	9.4	7.5	7.5	7.4	0.0
-10°	29.3	17.6	9.9	7.5	7.5	7.4	0.0
-12.5°	30.5	18.1	10.4	7.5	7.5	7.3	0.0
-15°	31.4	18.5	10.8	7.5	7.5	7.2	0.0
-17.5°	32.1	18.9	11.2	7.5	7.5	7.2	0.0
-20°	32.5	19.1	11.4	7.5	7.5	7.0	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	32.9	19.3	11.5	7.5	7.5	6.9	0.0
-25°	33.1	19.8	11.4	7.5	7.5	6.8	0.0
-27.5°	33.1	20.3	11.2	7.5	7.5	6.7	0.0
-30°	33.0	20.6	11.0	7.5	7.5	6.5	0.0
-32.5°	32.6	20.7	11.0	7.5	7.5	6.3	0.0
-35°	32.5	20.7	10.8	7.5	7.5	6.1	0.0
-37.5°	32.4	20.5	10.6	7.5	7.5	5.9	0.0
-40°	32.0	20.1	10.2	7.5	7.5	5.7	0.0
-42.5°	31.3	19.5	10.1	7.6	7.5	5.5	0.0
-45°	30.3	18.7	10.4	7.8	7.5	5.3	0.0
-47.5°	29.1	17.7	10.5	7.9	7.5	5.1	0.0
-50°	27.6	16.6	10.6	8.0	7.5	4.8	0.0
-52.5°	25.9	15.2	10.6	8.1	7.5	4.6	0.0
-55°	23.9	14.8	10.6	8.1	7.5	4.3	0.0
-57.5°	21.6	14.5	10.4	8.1	7.5	4.0	0.0
-60°	19.4	14.0	10.2	8.1	7.5	3.7	0.0
-62.5°	18.4	13.4	9.9	8.0	6.9	3.5	0.0
-65°	17.2	12.7	9.6	7.9	6.3	3.2	0.0
-67.5°	15.9	11.9	9.1	7.7	5.7	2.9	0.0
-70°	14.5	11.0	8.7	7.5	5.1	2.6	0.0
-72.5°	12.9	10.0	8.2	6.7	4.5	2.3	0.0
-75°	11.3	9.0	7.6	5.8	3.9	1.9	0.0
-77.5°	9.5	7.9	6.5	4.9	3.2	1.6	0.0
-80°	7.7	6.5	5.2	3.9	2.6	1.3	0.0
-82.5°	5.8	4.9	3.9	2.9	2.0	1.0	0.0
-85°	3.9	3.2	2.6	2.0	1.3	0.7	0.0
-87.5°	1.9	1.6	1.3	1.0	0.7	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)