

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



Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P627528 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4E-740-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627528 (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: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA4E-740-U-NR-VSR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (64) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

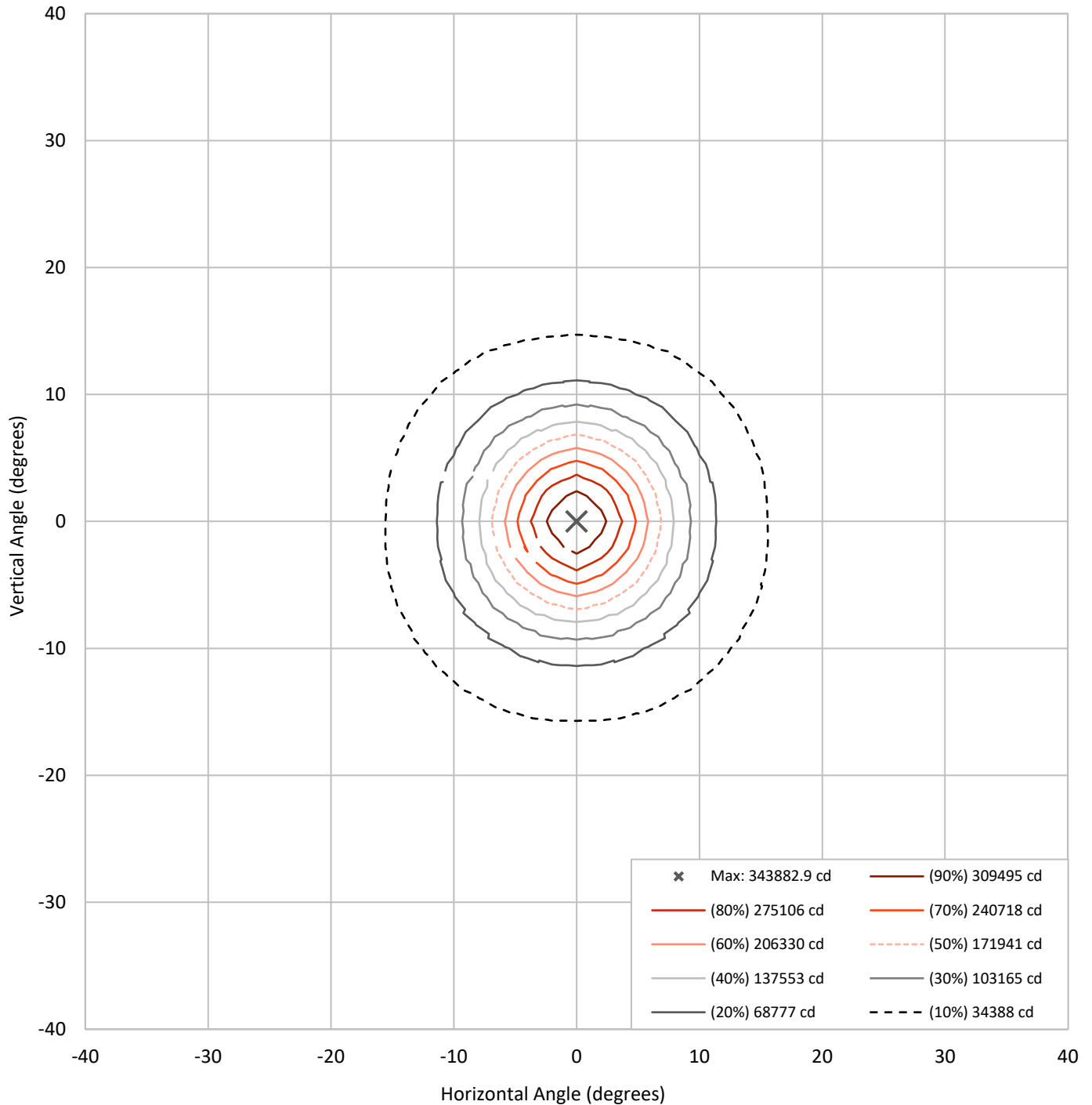
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	33924.7 lumens	Max Intensity:	343882.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	132.6 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	10830.3 lumens	Field Lumens:	24122.6 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	255.9		
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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CATALOG NUMBER: GFLD-SA4E-740-U-NR-VSR-XX

Iso-Candela Plot





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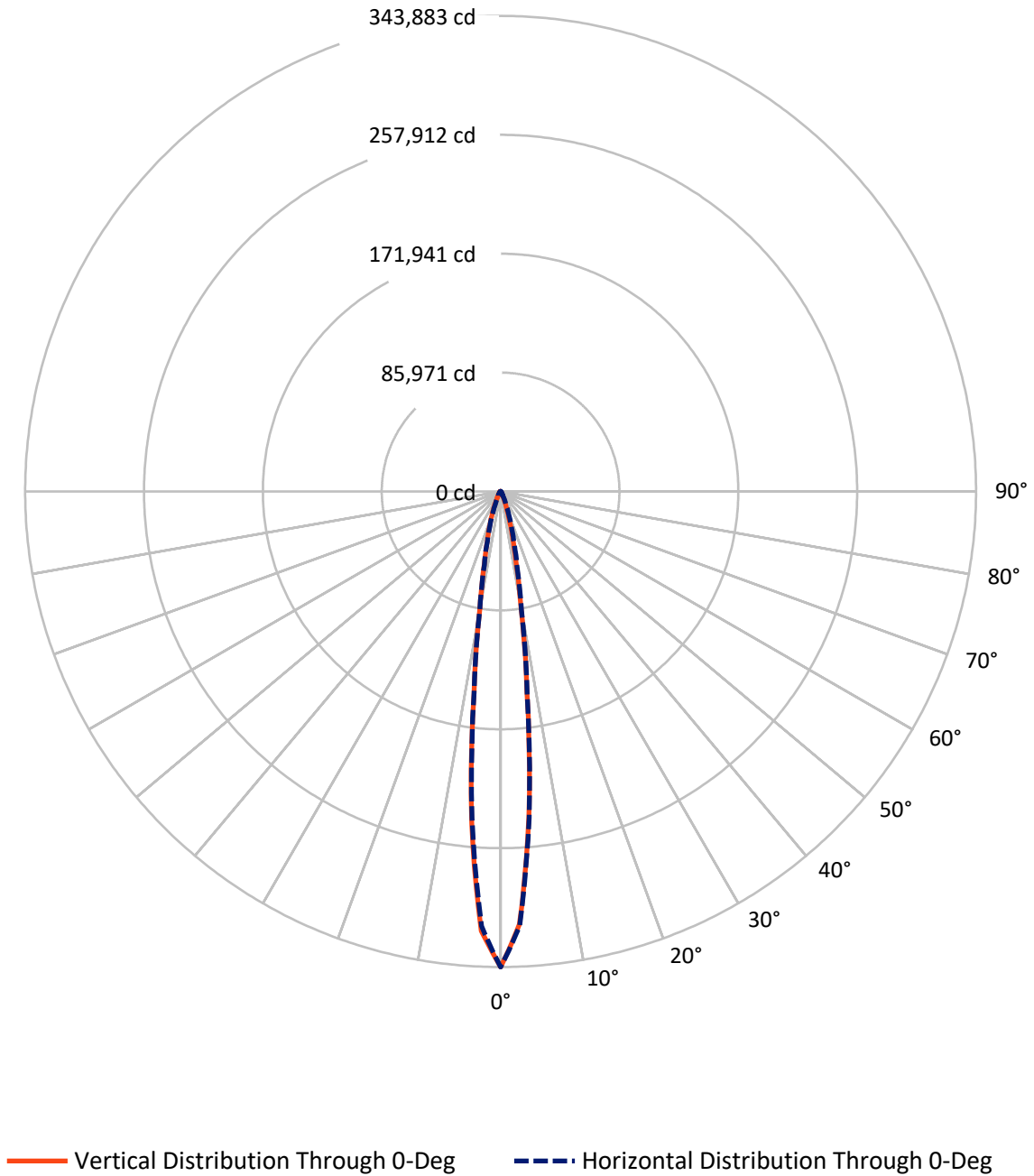
CATALOG NUMBER: GFLD-SA4E-740-U-NR-VSR-XX

Lumen Table

90																			
80	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0					
70	0.1	0.0	0.0	0.0	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.1			
60		0.1	0.2	0.8	1.9	3.0	4.0	4.8	4.8	4.0	3.0	1.9	0.8	0.2	0.1				
50	0.2	0.2	1.0	3.0	5.5	8.1	11.4	13.5	13.5	11.4	8.1	5.5	3.0	1.0	0.2	0.2			
40		0.5	2.4	5.8	10.3	16.2	27.6	35.1	35.1	27.6	16.2	10.3	5.8	2.4	0.5				
30	0.3	1.0	3.8	8.7	15.9	34.5	92.1	152.6	152.6	92.1	34.5	15.9	8.7	3.8	1.0	0.3			
20		1.4	5.2	12.1	26.2	103.1	434.9	955.9	955.9	434.9	103.1	26.2	12.1	5.2	1.4				
10	0.5	1.8	6.3	14.2	35.6	193.6	1042.0	4673.4	4673.4	1042.0	193.6	35.6	14.2	6.3	1.8	0.5			
0		2.1	6.9	15.0	38.3	206.3	1078.6	4752.7	4752.7	1078.6	206.3	38.3	15.0	6.9	2.1				
-10	0.6	2.2	7.0	14.7	33.6	131.3	523.6	1119.9	1119.9	523.6	131.3	33.6	14.7	7.0	2.2	0.6			
-20		2.1	6.7	13.5	25.9	61.4	161.3	268.9	268.9	161.3	61.4	25.9	13.5	6.7	2.1				
-30	0.6	1.8	6.0	11.9	20.3	33.7	54.8	69.7	69.7	54.8	33.7	20.3	11.9	6.0	1.8	0.6			
-40		1.5	4.9	9.9	16.4	23.5	31.7	35.3	35.3	31.7	23.5	16.4	9.9	4.9	1.5				
-50	0.4	1.2	3.7	7.8	12.9	18.1	22.8	25.0	25.0	22.8	18.1	12.9	7.8	3.7	1.2	0.4			
-60		0.8	2.3	5.0	8.7	12.6	15.9	17.5	17.5	15.9	12.6	8.7	5.0	2.3	0.8				
-70	0.1	2.0		8.5		18.8		23.8		18.8		8.5		2.0		0.1			
-80		2.0		8.5		18.8		23.8		18.8		8.5		2.0					
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

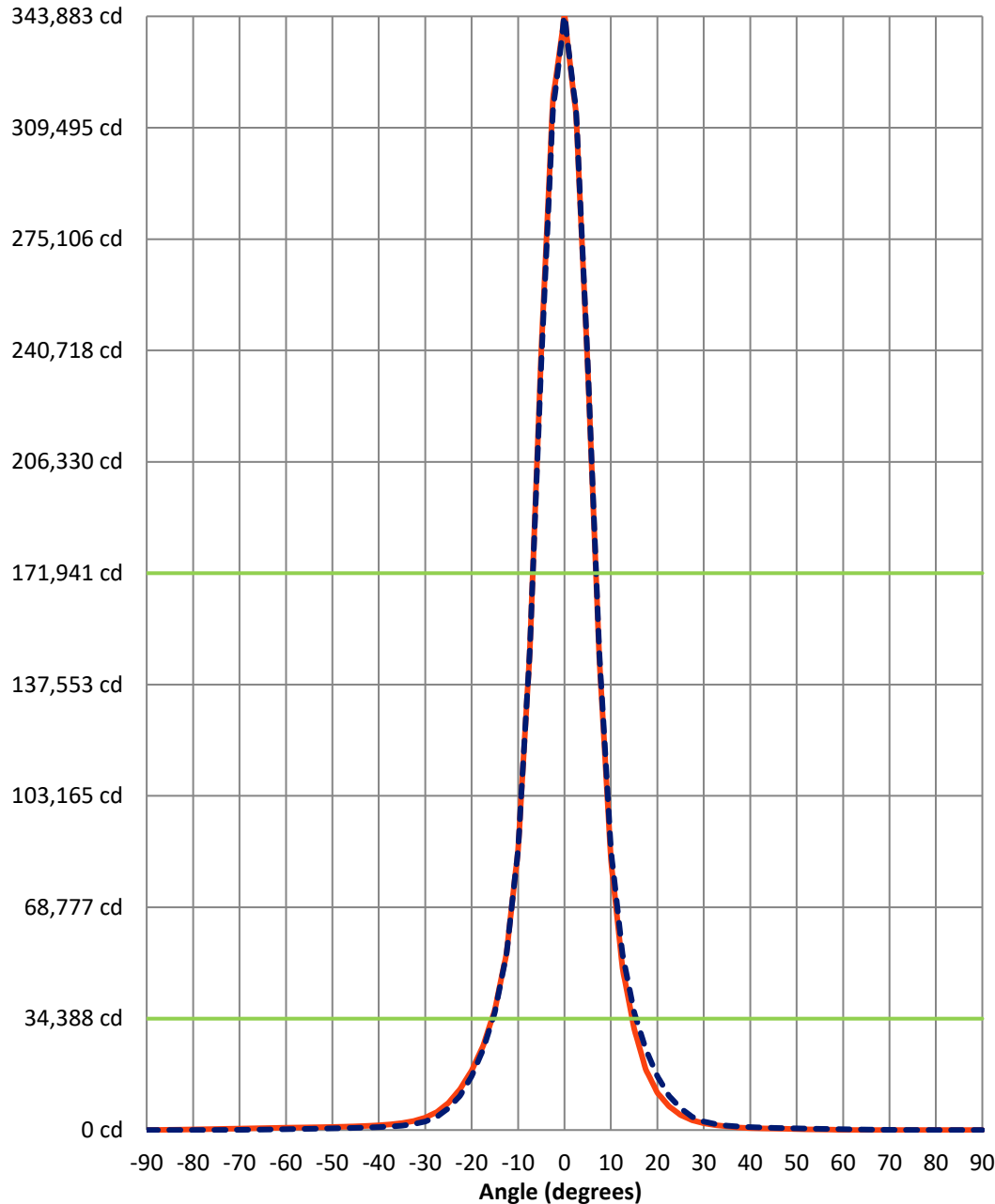
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 10830.3
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 24122.6
 Efficiency: 71.1%

Spill:
 Lumens: 9802.1
 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	0.6	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	0.6	0.3
72.5°	0.0	1.1	0.2	0.0	0.8	1.1	0.4	0.5	1.5	1.6	0.7
70°	0.0	1.3	0.3	0.1	1.5	1.6	0.8	2.2	3.1	2.7	1.0
67.5°	0.0	1.5	0.4	0.9	2.2	2.3	2.6	4.1	4.7	3.0	1.2
65°	0.0	1.7	0.6	1.6	3.0	3.1	4.2	6.1	4.9	3.2	2.2
62.5°	0.0	1.9	0.8	2.3	3.7	4.1	5.7	6.8	5.2	3.8	4.6
60°	0.0	2.1	1.0	3.1	4.6	5.1	7.1	7.1	5.5	5.3	6.7
57.5°	0.0	2.3	1.6	3.8	5.1	6.0	7.3	7.3	6.1	6.5	7.3
55°	0.0	2.5	2.2	4.6	5.6	6.7	7.3	7.3	6.7	7.3	7.3
52.5°	0.0	2.7	2.8	5.4	6.1	7.3	7.3	7.3	7.1	7.3	7.3
50°	0.0	2.9	3.3	6.2	6.4	7.3	7.3	7.3	7.3	7.3	8.5
47.5°	0.0	3.1	3.8	6.9	6.8	7.3	7.3	7.3	7.3	7.3	10.1
45°	0.0	3.3	4.3	7.1	7.0	7.3	7.3	7.3	7.5	9.1	12.0
42.5°	0.0	3.6	4.7	7.3	7.2	7.3	7.3	7.6	8.0	11.1	16.1
40°	0.0	3.8	5.1	7.3	7.3	7.3	7.3	8.1	9.3	13.4	20.8
37.5°	0.0	4.0	5.5	7.3	7.3	7.3	7.3	8.9	11.8	16.8	25.6
35°	0.0	4.3	5.8	7.3	7.3	7.3	7.3	9.7	14.5	21.4	31.4
32.5°	0.0	4.5	6.1	7.3	7.3	7.3	7.5	10.7	17.3	25.9	38.9
30°	0.0	4.7	6.3	7.3	7.3	7.3	8.3	12.2	20.2	30.2	47.1
27.5°	0.0	5.0	6.5	7.3	7.3	7.3	9.1	14.5	23.5	34.3	55.9
25°	0.0	5.2	6.7	7.3	7.3	7.3	10.0	16.8	26.9	40.4	65.3
22.5°	0.0	5.5	6.9	7.3	7.3	7.4	10.9	19.2	30.2	47.7	76.5
20°	0.0	5.7	7.0	7.3	7.3	8.0	11.8	21.5	33.3	55.1	86.7
17.5°	0.0	5.9	7.1	7.3	7.3	8.6	13.1	23.8	36.3	62.6	96.0
15°	0.0	6.1	7.2	7.3	7.3	9.4	14.6	26.0	39.0	70.0	104.5
12.5°	0.0	6.4	7.2	7.3	7.3	10.2	16.0	28.2	42.7	77.1	112.1
10°	0.0	6.6	7.3	7.3	7.3	11.1	17.3	30.2	47.4	83.8	118.9
7.5°	0.0	6.8	7.3	7.3	7.3	12.0	18.5	32.1	52.1	89.5	124.8
5°	0.0	7.0	7.3	7.3	7.3	12.9	19.7	33.7	56.8	94.4	130.0
2.5°	0.0	7.1	7.3	7.3	7.3	13.8	20.8	35.1	61.3	98.5	134.5
0°	0.0	7.3	7.3	7.3	7.3	14.6	21.8	36.4	65.5	101.9	138.3
-2.5°	0.0	7.3	7.3	7.3	7.9	15.4	23.7	38.6	69.2	104.6	143.0
-5°	0.0	7.3	7.3	7.3	8.6	16.1	25.5	40.6	72.4	106.7	146.8
-7.5°	0.0	7.2	7.3	7.3	9.2	16.7	27.1	42.4	75.0	108.3	149.7
-10°	0.0	7.2	7.3	7.3	9.7	17.2	28.5	43.9	76.9	109.5	151.5
-12.5°	0.0	7.1	7.3	7.3	10.2	17.7	29.7	45.3	78.1	110.6	154.4
-15°	0.0	7.1	7.3	7.3	10.6	18.1	30.7	46.4	78.4	112.8	157.0
-17.5°	0.0	7.0	7.3	7.3	10.9	18.4	31.3	47.5	77.9	113.9	158.2
-20°	0.0	6.9	7.3	7.3	11.1	18.6	31.7	48.5	76.7	113.9	157.9

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REPORT NUMBER: P627528 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	6.7	7.3	7.3	11.2	18.8	32.1	49.1	75.0	112.6	156.1
-25°	0.0	6.6	7.3	7.3	11.2	19.3	32.3	49.3	72.7	109.9	152.7
-27.5°	0.0	6.5	7.3	7.3	11.0	19.8	32.3	49.1	69.8	106.2	149.5
-30°	0.0	6.3	7.3	7.3	10.7	20.1	32.1	48.6	68.3	102.3	144.4
-32.5°	0.0	6.2	7.3	7.3	10.7	20.3	31.8	48.0	67.4	97.7	137.6
-35°	0.0	6.0	7.3	7.3	10.6	20.3	31.7	47.4	66.1	92.6	128.8
-37.5°	0.0	5.8	7.3	7.3	10.3	20.0	31.6	46.5	64.2	86.8	123.8
-40°	0.0	5.6	7.3	7.3	9.9	19.6	31.2	45.4	61.7	83.0	119.3
-42.5°	0.0	5.4	7.3	7.4	9.8	19.0	30.5	44.1	59.8	81.4	113.6
-45°	0.0	5.2	7.3	7.6	10.1	18.3	29.6	42.8	58.0	78.9	107.4
-47.5°	0.0	4.9	7.3	7.7	10.3	17.3	28.4	41.3	56.1	75.5	103.3
-50°	0.0	4.7	7.3	7.8	10.4	16.2	26.9	39.5	53.9	72.6	98.0
-52.5°	0.0	4.4	7.3	7.9	10.4	14.8	25.2	37.4	51.2	68.6	91.6
-55°	0.0	4.2	7.3	7.9	10.3	14.4	23.3	34.9	48.2	63.5	85.0
-57.5°	0.0	3.9	7.3	7.9	10.2	14.1	21.1	32.1	44.7	58.9	77.0
-60°	0.0	3.6	7.3	7.8	10.0	13.6	18.8	29.0	40.8	54.2	69.0
-62.5°	0.0	3.4	6.7	7.8	9.7	13.1	17.9	25.6	36.6	49.0	62.7
-65°	0.0	3.1	6.2	7.6	9.3	12.4	16.8	22.6	32.0	43.4	56.0
-67.5°	0.0	2.8	5.6	7.5	8.9	11.6	15.6	20.7	27.2	37.4	48.8
-70°	0.0	2.5	5.0	7.3	8.5	10.7	14.2	18.7	24.3	31.1	41.2
-72.5°	0.0	2.2	4.4	6.6	8.0	9.8	12.7	16.5	21.3	27.1	33.8
-75°	0.0	1.9	3.8	5.7	7.4	8.8	11.0	14.4	18.1	22.8	28.4
-77.5°	0.0	1.6	3.2	4.7	6.3	7.7	9.3	12.4	15.7	18.9	22.8
-80°	0.0	1.3	2.5	3.8	5.0	6.3	7.5	10.4	13.4	16.3	19.3
-82.5°	0.0	1.0	1.9	2.9	3.8	4.7	5.7	8.1	11.0	13.7	16.4
-85°	0.0	0.6	1.3	1.9	2.5	3.2	3.8	5.5	7.4	9.7	12.3
-87.5°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.7	3.7	4.9	6.2
-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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CATALOG NUMBER: GFLD-SA4E-740-U-NR-VSR-XX

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	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.5	2.1	2.5	1.5	0.0	0.0	0.0	0.5	0.0	0.0	0.0
65°	3.6	4.7	3.6	1.9	0.1	1.7	2.5	2.0	0.2	0.0	0.0
62.5°	6.8	5.8	4.0	3.0	4.1	5.5	4.3	2.5	0.7	3.5	5.1
60°	7.3	6.2	5.1	5.8	7.4	6.6	4.8	7.1	10.7	13.5	16.3
57.5°	7.3	6.8	6.6	7.9	8.3	8.3	12.8	17.1	24.2	30.1	34.0
55°	7.5	7.2	8.3	9.9	12.3	17.4	23.8	33.5	41.4	53.3	63.5
52.5°	8.3	8.3	11.1	14.9	22.0	30.0	41.4	55.1	70.7	82.4	94.7
50°	9.5	12.2	15.6	25.0	34.7	47.3	65.9	85.9	99.1	112.3	130.0
47.5°	13.0	16.5	25.6	36.5	50.6	70.8	96.3	110.7	123.7	144.4	166.4
45°	17.5	24.8	36.0	51.1	70.6	98.7	118.8	130.6	153.1	177.0	202.2
42.5°	22.3	34.2	49.5	65.4	96.0	122.8	141.0	159.7	182.4	210.4	237.7
40°	30.3	43.5	64.3	89.2	120.4	146.5	169.3	190.9	213.1	249.7	278.8
37.5°	38.4	57.6	81.0	112.1	144.5	173.0	198.5	225.5	257.3	298.6	324.7
35°	46.2	72.2	100.9	134.0	168.3	200.6	231.3	262.8	304.1	343.1	374.3
32.5°	57.2	87.2	119.5	155.2	190.6	227.2	264.3	302.1	342.7	382.7	423.6
30°	71.0	103.1	137.2	175.5	211.1	253.4	296.4	336.5	377.4	419.4	465.6
27.5°	84.9	118.0	154.9	193.6	230.9	279.1	325.6	367.4	409.3	454.6	507.3
25°	97.8	133.1	171.6	209.7	253.6	305.2	356.1	404.5	440.0	491.6	553.2
22.5°	110.1	147.8	189.2	224.2	275.4	331.6	390.8	442.9	484.9	531.0	600.8
20°	122.4	162.9	205.6	244.8	297.3	357.8	428.0	481.6	533.9	593.2	664.5
17.5°	134.1	177.0	221.8	268.4	323.8	386.4	466.2	520.8	583.1	654.2	744.1
15°	145.1	190.1	238.1	290.4	347.7	415.1	492.1	560.2	634.8	716.8	823.0
12.5°	155.4	202.0	254.1	310.8	368.8	439.9	513.8	586.2	672.0	779.3	913.0
10°	164.9	212.8	269.7	329.5	387.1	460.7	532.9	608.3	698.8	816.6	969.7
7.5°	172.8	223.7	284.5	346.4	402.9	477.9	549.5	626.5	721.2	847.5	1007.9
5°	179.4	235.1	298.2	357.3	416.0	492.7	563.3	640.9	739.1	871.6	1035.1
2.5°	184.9	245.6	310.1	365.3	427.3	506.2	574.3	656.9	757.2	890.4	1060.7
0°	189.3	254.8	320.3	371.2	436.7	516.8	582.3	669.7	771.6	902.6	1084.6
-2.5°	198.1	262.4	326.4	378.1	446.7	518.6	587.6	671.5	777.0	912.1	1089.0
-5°	205.5	268.5	330.8	383.4	454.2	518.4	589.9	669.9	778.8	917.4	1096.9
-7.5°	211.2	273.2	333.7	387.5	458.3	520.8	593.1	675.1	784.5	922.4	1107.2
-10°	214.9	276.5	336.1	392.7	459.3	523.2	594.4	676.3	783.6	919.2	1101.6
-12.5°	216.8	278.5	337.3	395.5	459.1	523.0	592.7	673.1	775.6	907.7	1079.1
-15°	217.4	279.3	337.1	395.8	458.0	519.9	588.0	665.5	761.1	888.3	1043.8
-17.5°	216.8	278.9	335.8	393.4	456.3	513.9	580.7	655.2	746.5	865.3	1015.1
-20°	214.9	277.3	333.2	388.2	453.9	508.4	573.5	645.4	731.3	839.0	972.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627528 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-740-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°	211.9	274.8	329.6	382.9	445.8	503.2	564.1	632.6	709.6	807.0	925.9
-25°	208.3	269.6	325.0	378.8	436.6	495.3	552.2	617.3	688.1	781.6	888.7
-27.5°	203.7	263.4	318.7	373.1	426.9	484.7	540.2	601.8	671.8	754.3	850.0
-30°	197.0	254.5	309.8	365.3	418.4	472.7	526.3	585.0	650.9	728.8	817.1
-32.5°	188.5	244.6	298.8	353.6	408.8	460.6	511.1	567.5	629.4	697.7	781.7
-35°	179.9	233.9	286.7	339.0	397.2	447.2	495.8	547.5	605.1	668.6	737.1
-37.5°	171.8	222.5	274.0	323.3	378.4	430.5	477.8	526.9	580.2	638.4	700.6
-40°	163.0	210.3	260.6	308.6	357.0	410.0	457.3	504.7	553.9	612.3	667.6
-42.5°	154.0	199.9	246.5	293.6	339.7	387.2	434.3	479.8	531.7	587.0	641.3
-45°	146.5	189.1	232.3	278.1	323.6	366.5	410.7	453.2	505.9	561.2	614.3
-47.5°	137.7	178.0	219.9	261.4	306.1	348.9	388.6	431.6	476.5	528.7	584.4
-50°	128.6	166.8	205.4	244.5	286.8	329.7	370.0	409.7	452.0	494.9	543.0
-52.5°	120.8	154.2	189.9	225.8	265.8	307.8	348.6	388.3	427.2	467.5	508.5
-55°	111.6	142.2	173.8	207.3	242.4	282.5	323.0	361.8	401.5	439.1	479.3
-57.5°	101.4	128.8	157.6	189.1	221.0	253.9	293.1	331.7	369.0	407.1	448.5
-60°	89.8	114.4	140.5	169.5	200.6	230.7	262.5	298.2	334.3	370.3	408.6
-62.5°	77.8	99.1	122.7	148.0	176.5	206.2	235.2	265.7	298.1	329.5	362.6
-65°	69.8	84.9	104.7	127.2	150.6	177.1	204.6	232.7	261.2	287.9	313.4
-67.5°	61.3	74.9	89.5	106.1	127.4	149.7	171.7	196.9	222.5	247.0	270.8
-70°	52.3	64.3	77.3	91.1	106.2	124.5	145.1	165.3	184.9	205.4	227.6
-72.5°	42.8	53.3	64.5	76.6	89.5	103.9	119.7	136.9	154.4	171.4	188.7
-75°	35.2	42.1	51.3	61.4	72.6	83.9	95.4	109.0	123.8	138.7	153.2
-77.5°	28.9	35.3	41.6	47.9	55.8	66.2	76.4	86.5	96.8	108.0	120.0
-80°	23.5	28.5	34.2	40.0	45.4	51.7	58.8	66.8	74.0	81.5	89.7
-82.5°	19.7	23.4	27.5	32.0	35.2	38.5	42.3	46.9	51.8	56.8	62.0
-85°	15.1	18.1	20.9	23.8	25.3	27.0	28.8	30.8	33.9	37.0	40.0
-87.5°	7.6	9.1	10.7	12.5	13.3	14.0	14.7	15.4	17.4	19.5	21.6
-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: P627528 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-740-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	1.3	1.8	1.6	0.7	0.0	0.0
62.5°	4.3	3.5	5.6	7.6	8.3	8.1	7.4	6.6	5.7	5.2	6.0
60°	17.5	17.2	23.9	27.2	24.7	17.4	27.4	32.4	31.1	26.7	26.5
57.5°	42.7	51.9	58.5	61.5	71.1	86.7	89.7	84.5	82.7	84.4	97.5
55°	74.1	81.4	85.3	98.5	110.2	118.7	123.7	128.8	136.2	145.3	154.8
52.5°	104.7	114.9	122.7	134.5	148.5	153.4	152.1	170.1	184.2	193.2	196.8
50°	143.8	156.5	174.6	193.1	201.2	209.0	217.3	232.0	253.6	280.4	295.8
47.5°	185.9	206.0	224.9	246.1	256.7	265.1	277.5	303.3	333.9	362.8	377.8
45°	223.9	241.7	263.4	281.7	294.9	311.0	328.9	352.1	386.5	416.7	437.5
42.5°	254.3	274.4	296.7	318.9	332.3	354.0	381.2	412.8	448.8	480.2	503.4
40°	297.0	314.0	349.6	370.7	376.0	396.2	450.6	493.9	534.5	573.2	592.4
37.5°	348.6	381.8	418.8	437.9	456.6	492.3	565.2	635.1	686.9	739.2	767.8
35°	407.2	450.9	501.2	523.7	564.0	642.0	727.6	824.8	945.8	996.5	1042.6
32.5°	464.2	513.0	559.4	610.0	680.4	773.5	869.9	1027.6	1174.8	1288.8	1372.1
30°	514.7	566.5	624.1	689.2	788.3	916.7	1077.8	1281.8	1489.3	1670.4	1823.6
27.5°	564.6	623.5	692.1	789.1	928.6	1103.0	1360.1	1651.1	1997.5	2252.7	2557.5
25°	619.4	686.7	774.7	915.4	1103.6	1364.3	1775.3	2247.9	2815.9	3276.5	3758.5
22.5°	684.2	783.6	895.1	1052.0	1380.7	1810.2	2371.8	3179.4	4053.2	4861.1	5639.1
20°	762.4	898.4	1077.5	1366.2	1788.2	2423.1	3398.9	4687.9	5972.9	7341.4	8658.8
17.5°	874.1	1070.1	1348.3	1759.3	2315.4	3571.4	5154.6	7148.2	9709.5	12030.6	14057.2
15°	979.0	1213.0	1652.4	2266.7	3236.8	4901.4	7306.0	10596.6	14588.3	18226.3	22068.5
12.5°	1088.9	1365.2	1869.9	2652.1	4000.1	6167.1	9546.5	14055.2	19053.5	24536.2	30781.3
10°	1176.0	1511.5	2115.9	3107.6	4769.2	7467.7	11493.0	16961.1	23603.1	31717.2	41700.5
7.5°	1234.8	1628.8	2319.0	3441.0	5477.3	8797.8	13643.6	20215.9	28519.6	39269.1	53238.4
5°	1280.8	1718.3	2471.7	3745.0	6076.2	9813.1	15236.9	23066.2	32889.0	47291.5	70965.3
2.5°	1317.7	1786.8	2566.1	3954.3	6452.1	10520.2	16305.8	24678.8	35490.0	53222.6	83936.3
0°	1346.6	1848.8	2627.7	4083.4	6740.2	10590.8	16639.5	24973.8	36423.5	54293.1	86727.7
-2.5°	1358.9	1882.0	2648.8	4111.8	6711.4	10712.2	16741.3	25209.5	36388.4	53706.5	83610.1
-5°	1379.3	1881.4	2632.9	4082.9	6561.0	10398.4	16076.5	23890.5	34193.1	49087.5	73586.9
-7.5°	1394.0	1851.4	2556.6	3897.9	6167.1	9719.9	14908.2	21705.0	30197.6	41506.6	56679.8
-10°	1380.6	1793.9	2429.6	3587.5	5554.7	8631.6	13131.7	18820.0	25878.2	34259.0	44568.1
-12.5°	1328.6	1687.6	2222.2	3152.8	4761.6	7412.5	11344.3	16187.5	21411.6	27297.6	34421.2
-15°	1262.9	1573.0	2035.4	2854.7	4173.6	6204.2	9074.7	13003.7	17194.4	21663.3	26428.8
-17.5°	1211.8	1472.3	1855.2	2448.3	3418.5	5033.0	7288.8	10079.9	13159.5	16561.9	19385.9
-20°	1142.5	1348.4	1669.8	2154.2	2894.4	3964.1	5607.0	7634.7	9666.9	12059.2	14010.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627528 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-740-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°	1073.2	1252.5	1497.1	1851.6	2402.3	3210.5	4225.5	5579.5	7065.6	8438.7	9790.3
-25°	1008.8	1146.9	1344.8	1635.6	2009.2	2560.7	3283.2	4059.9	5039.5	5875.3	6802.8
-27.5°	956.7	1075.3	1221.3	1434.5	1724.4	2079.1	2596.5	3116.9	3632.1	4053.9	4692.5
-30°	906.4	1001.9	1124.0	1275.9	1493.3	1766.7	2102.5	2440.1	2737.4	3008.6	3341.1
-32.5°	857.0	934.7	1028.3	1154.5	1310.4	1515.9	1722.3	1964.3	2170.9	2361.6	2538.1
-35°	807.5	876.6	947.9	1054.3	1178.7	1324.6	1474.7	1638.7	1781.8	1910.2	2023.8
-37.5°	762.8	823.5	890.6	969.8	1070.0	1179.9	1302.4	1421.5	1516.0	1599.4	1668.3
-40°	725.1	780.3	837.7	901.1	977.4	1064.1	1168.1	1267.4	1333.6	1384.5	1426.3
-42.5°	691.3	740.0	788.9	842.7	901.2	976.3	1058.4	1140.3	1185.3	1224.7	1254.9
-45°	664.3	701.6	742.7	788.7	840.6	903.4	968.0	1024.6	1064.5	1098.4	1123.6
-47.5°	628.5	664.4	700.1	738.0	786.4	838.8	892.1	935.7	970.5	1000.1	1019.4
-50°	589.1	626.9	659.6	692.9	737.4	781.9	824.8	860.8	894.1	923.0	938.2
-52.5°	548.4	589.0	623.2	655.7	693.1	731.8	770.6	801.4	830.5	857.8	869.3
-55°	519.0	556.4	591.8	622.4	653.2	684.2	715.9	747.8	776.6	802.4	810.1
-57.5°	487.3	525.4	560.4	587.8	615.6	643.6	672.6	701.4	729.2	754.0	760.3
-60°	448.5	489.8	520.9	546.9	573.9	601.5	626.7	652.4	678.3	700.0	707.0
-62.5°	399.4	437.0	467.7	495.0	521.1	545.1	569.7	593.7	616.9	634.1	639.7
-65°	340.4	372.4	404.1	432.7	458.3	481.5	504.2	526.1	547.2	562.3	569.8
-67.5°	293.9	316.9	342.4	367.0	392.9	416.7	437.1	456.4	474.5	487.2	495.2
-70°	249.1	271.0	294.8	318.3	340.7	360.1	376.4	392.3	407.8	419.1	427.5
-72.5°	206.1	224.7	244.6	265.3	285.8	303.3	318.3	332.5	345.8	355.5	363.3
-75°	167.4	182.8	199.5	216.2	232.9	246.8	259.3	271.5	283.3	291.9	299.1
-77.5°	132.8	145.8	158.9	172.0	185.1	195.2	204.4	213.4	222.1	228.9	235.1
-80°	98.4	108.6	119.0	129.5	140.0	147.6	154.6	161.2	167.4	171.3	174.9
-82.5°	67.3	74.4	81.7	89.1	96.5	102.2	107.6	113.0	118.3	120.2	121.5
-85°	43.0	46.5	50.3	54.4	58.6	61.7	64.7	67.6	70.3	72.8	75.2
-87.5°	23.8	24.5	25.2	25.8	26.4	28.6	30.8	33.0	35.1	35.5	35.8
-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: P627528 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-740-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°	6.6	7.0	7.2	7.3	7.2	7.0	6.6	6.0	5.2	5.7	6.6
60°	24.9	22.1	21.6	21.8	21.6	22.1	24.9	26.5	26.7	31.1	32.4
57.5°	110.7	123.1	126.6	123.7	126.6	123.1	110.7	97.5	84.4	82.7	84.5
55°	161.2	165.0	166.8	167.4	166.8	165.0	161.2	154.8	145.3	136.2	128.8
52.5°	197.6	196.3	196.0	196.5	196.0	196.3	197.6	196.8	193.2	184.2	170.1
50°	297.0	291.6	289.5	291.2	289.5	291.6	297.0	295.8	280.4	253.6	232.0
47.5°	379.6	381.3	383.9	385.8	383.9	381.3	379.6	377.8	362.8	333.9	303.3
45°	443.3	447.2	449.9	451.3	449.9	447.2	443.3	437.5	416.7	386.5	352.1
42.5°	508.4	508.9	508.1	509.5	508.1	508.9	508.4	503.4	480.2	448.8	412.8
40°	600.2	602.1	600.1	596.9	600.1	602.1	600.2	592.4	573.2	534.5	493.9
37.5°	784.4	787.0	778.4	771.6	778.4	787.0	784.4	767.8	739.2	686.9	635.1
35°	1084.8	1115.9	1130.7	1135.5	1130.7	1115.9	1084.8	1042.6	996.5	945.8	824.8
32.5°	1429.7	1473.0	1494.7	1514.0	1494.7	1473.0	1429.7	1372.1	1288.8	1174.8	1027.6
30°	1924.1	2003.9	2039.1	2089.0	2039.1	2003.9	1924.1	1823.6	1670.4	1489.3	1281.8
27.5°	2730.5	2870.8	2948.5	3020.7	2948.5	2870.8	2730.5	2557.5	2252.7	1997.5	1651.1
25°	4108.7	4379.1	4554.1	4636.6	4554.1	4379.1	4108.7	3758.5	3276.5	2815.9	2247.9
22.5°	6391.8	6890.2	7274.7	7351.7	7274.7	6890.2	6391.8	5639.1	4861.1	4053.2	3179.4
20°	9936.9	10650.1	11230.3	11522.5	11230.3	10650.1	9936.9	8658.8	7341.4	5972.9	4687.9
17.5°	16470.9	17954.3	18631.8	18743.1	18631.8	17954.3	16470.9	14057.2	12030.6	9709.5	7148.2
15°	26191.4	28701.5	30294.9	31321.0	30294.9	28701.5	26191.4	22068.5	18226.3	14588.3	10596.6
12.5°	37282.2	44414.7	48473.0	50020.4	48473.0	44414.7	37282.2	30781.3	24536.2	19053.5	14055.2
10°	52334.9	69125.7	78811.3	83685.2	78811.3	69125.7	52334.9	41700.5	31717.2	23603.1	16961.1
7.5°	77883.0	103816.6	132549.9	145843.1	132549.9	103816.6	77883.0	53238.4	39269.1	28519.6	20215.9
5°	104740.1	161679.6	211656.0	235587.9	211656.0	161679.6	104740.1	70965.3	47291.5	32889.0	23066.2
2.5°	135608.2	212396.5	283393.5	313246.2	283393.5	212396.5	135608.2	83936.3	53222.6	35490.0	24678.8
0°	147488.1	236934.5	314581.8	343882.9	314581.8	236934.5	147488.1	86727.7	54293.1	36423.5	24973.8
-2.5°	137444.7	216116.6	284613.3	318093.8	284613.3	216116.6	137444.7	83610.1	53706.5	36388.4	25209.5
-5°	109206.9	162570.8	213299.2	240581.2	213299.2	162570.8	109206.9	73586.9	49087.5	34193.1	23890.5
-7.5°	80151.1	109201.8	137374.5	147226.1	137374.5	109201.8	80151.1	56679.8	41506.6	30197.6	21705.0
-10°	55802.8	72438.2	83419.4	86553.0	83419.4	72438.2	55802.8	44568.1	34259.0	25878.2	18820.0
-12.5°	41372.1	48648.5	53711.2	54591.5	53711.2	48648.5	41372.1	34421.2	27297.6	21411.6	16187.5
-15°	30635.0	34335.3	36946.5	37122.2	36946.5	34335.3	30635.0	26428.8	21663.3	17194.4	13003.7
-17.5°	22394.4	24878.1	26195.9	26102.0	26195.9	24878.1	22394.4	19385.9	16561.9	13159.5	10079.9
-20°	16013.3	17510.4	18572.2	18364.6	18572.2	17510.4	16013.3	14010.0	12059.2	9666.9	7634.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627528 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-740-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°	11165.6	12159.5	12781.7	12621.6	12781.7	12159.5	11165.6	9790.3	8438.7	7065.6	5579.5
-25°	7586.8	8128.4	8436.6	8385.3	8436.6	8128.4	7586.8	6802.8	5875.3	5039.5	4059.9
-27.5°	5170.0	5456.0	5551.5	5546.5	5551.5	5456.0	5170.0	4692.5	4053.9	3632.1	3116.9
-30°	3588.4	3780.7	3890.6	3821.4	3890.6	3780.7	3588.4	3341.1	3008.6	2737.4	2440.1
-32.5°	2674.5	2783.0	2845.7	2780.5	2845.7	2783.0	2674.5	2538.1	2361.6	2170.9	1964.3
-35°	2107.7	2162.6	2184.7	2147.3	2184.7	2162.6	2107.7	2023.8	1910.2	1781.8	1638.7
-37.5°	1718.4	1750.5	1761.4	1739.6	1761.4	1750.5	1718.4	1668.3	1599.4	1516.0	1421.5
-40°	1456.1	1475.8	1480.7	1463.1	1480.7	1475.8	1456.1	1426.3	1384.5	1333.6	1267.4
-42.5°	1274.0	1285.8	1288.5	1281.1	1288.5	1285.8	1274.0	1254.9	1224.7	1185.3	1140.3
-45°	1138.6	1148.7	1150.6	1142.8	1150.6	1148.7	1138.6	1123.6	1098.4	1064.5	1024.6
-47.5°	1029.0	1035.2	1036.8	1033.6	1036.8	1035.2	1029.0	1019.4	1000.1	970.5	935.7
-50°	945.0	949.3	949.7	946.3	949.7	949.3	945.0	938.2	923.0	894.1	860.8
-52.5°	874.7	877.7	879.7	880.7	879.7	877.7	874.7	869.3	857.8	830.5	801.4
-55°	815.5	819.4	821.7	822.5	821.7	819.4	815.5	810.1	802.4	776.6	747.8
-57.5°	765.2	768.8	770.9	771.6	770.9	768.8	765.2	760.3	754.0	729.2	701.4
-60°	712.7	717.0	719.7	720.6	719.7	717.0	712.7	707.0	700.0	678.3	652.4
-62.5°	643.4	645.3	647.1	647.8	647.1	645.3	643.4	639.7	634.1	616.9	593.7
-65°	575.4	579.3	581.6	582.3	581.6	579.3	575.4	569.8	562.3	547.2	526.1
-67.5°	501.7	506.8	512.2	516.8	512.2	506.8	501.7	495.2	487.2	474.5	456.4
-70°	435.0	441.5	443.5	444.0	443.5	441.5	435.0	427.5	419.1	407.8	392.3
-72.5°	370.3	376.3	381.5	385.8	381.5	376.3	370.3	363.3	355.5	345.8	332.5
-75°	305.5	311.2	312.6	313.0	312.6	311.2	305.5	299.1	291.9	283.3	271.5
-77.5°	240.8	246.1	247.2	247.5	247.2	246.1	240.8	235.1	228.9	222.1	213.4
-80°	178.1	181.0	185.4	189.3	185.4	181.0	178.1	174.9	171.3	167.4	161.2
-82.5°	122.5	123.2	123.6	123.7	123.6	123.2	122.5	121.5	120.2	118.3	113.0
-85°	77.5	79.8	80.0	80.1	80.0	79.8	77.5	75.2	72.8	70.3	67.6
-87.5°	36.1	36.3	36.4	36.4	36.4	36.3	36.1	35.8	35.5	35.1	33.0
-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: P627528 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-740-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	0.5
65°	1.8	1.3	0.1	0.0	0.0	0.1	0.4	0.0	0.0	0.2	2.0
62.5°	7.4	8.1	8.3	7.6	5.6	3.5	4.3	5.1	3.5	0.7	2.5
60°	27.4	17.4	24.7	27.2	23.9	17.2	17.5	16.3	13.5	10.7	7.1
57.5°	89.7	86.7	71.1	61.5	58.5	51.9	42.7	34.0	30.1	24.2	17.1
55°	123.7	118.7	110.2	98.5	85.3	81.4	74.1	63.5	53.3	41.4	33.5
52.5°	152.1	153.4	148.5	134.5	122.7	114.9	104.7	94.7	82.4	70.7	55.1
50°	217.3	209.0	201.2	193.1	174.6	156.5	143.8	130.0	112.3	99.1	85.9
47.5°	277.5	265.1	256.7	246.1	224.9	206.0	185.9	166.4	144.4	123.7	110.7
45°	328.9	311.0	294.9	281.7	263.4	241.7	223.9	202.2	177.0	153.1	130.6
42.5°	381.2	354.0	332.3	318.9	296.7	274.4	254.3	237.7	210.4	182.4	159.7
40°	450.6	396.2	376.0	370.7	349.6	314.0	297.0	278.8	249.7	213.1	190.9
37.5°	565.2	492.3	456.6	437.9	418.8	381.8	348.6	324.7	298.6	257.3	225.5
35°	727.6	642.0	564.0	523.7	501.2	450.9	407.2	374.3	343.1	304.1	262.8
32.5°	869.9	773.5	680.4	610.0	559.4	513.0	464.2	423.6	382.7	342.7	302.1
30°	1077.8	916.7	788.3	689.2	624.1	566.5	514.7	465.6	419.4	377.4	336.5
27.5°	1360.1	1103.0	928.6	789.1	692.1	623.5	564.6	507.3	454.6	409.3	367.4
25°	1775.3	1364.3	1103.6	915.4	774.7	686.7	619.4	553.2	491.6	440.0	404.5
22.5°	2371.8	1810.2	1380.7	1052.0	895.1	783.6	684.2	600.8	531.0	484.9	442.9
20°	3398.9	2423.1	1788.2	1366.2	1077.5	898.4	762.4	664.5	593.2	533.9	481.6
17.5°	5154.6	3571.4	2315.4	1759.3	1348.3	1070.1	874.1	744.1	654.2	583.1	520.8
15°	7306.0	4901.4	3236.8	2266.7	1652.4	1213.0	979.0	823.0	716.8	634.8	560.2
12.5°	9546.5	6167.1	4000.1	2652.1	1869.9	1365.2	1088.9	913.0	779.3	672.0	586.2
10°	11493.0	7467.7	4769.2	3107.6	2115.9	1511.5	1176.0	969.7	816.6	698.8	608.3
7.5°	13643.6	8797.8	5477.3	3441.0	2319.0	1628.8	1234.8	1007.9	847.5	721.2	626.5
5°	15236.9	9813.1	6076.2	3745.0	2471.7	1718.3	1280.8	1035.1	871.6	739.1	640.9
2.5°	16305.8	10520.2	6452.1	3954.3	2566.1	1786.8	1317.7	1060.7	890.4	757.2	656.9
0°	16639.5	10590.8	6740.2	4083.4	2627.7	1848.8	1346.6	1084.6	902.6	771.6	669.7
-2.5°	16741.3	10712.2	6711.4	4111.8	2648.8	1882.0	1358.9	1089.0	912.1	777.0	671.5
-5°	16076.5	10398.4	6561.0	4082.9	2632.9	1881.4	1379.3	1096.9	917.4	778.8	669.9
-7.5°	14908.2	9719.9	6167.1	3897.9	2556.6	1851.4	1394.0	1107.2	922.4	784.5	675.1
-10°	13131.7	8631.6	5554.7	3587.5	2429.6	1793.9	1380.6	1101.6	919.2	783.6	676.3
-12.5°	11344.3	7412.5	4761.6	3152.8	2222.2	1687.6	1328.6	1079.1	907.7	775.6	673.1
-15°	9074.7	6204.2	4173.6	2854.7	2035.4	1573.0	1262.9	1043.8	888.3	761.1	665.5
-17.5°	7288.8	5033.0	3418.5	2448.3	1855.2	1472.3	1211.8	1015.1	865.3	746.5	655.2
-20°	5607.0	3964.1	2894.4	2154.2	1669.8	1348.4	1142.5	972.9	839.0	731.3	645.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627528 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-740-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°	4225.5	3210.5	2402.3	1851.6	1497.1	1252.5	1073.2	925.9	807.0	709.6	632.6
-25°	3283.2	2560.7	2009.2	1635.6	1344.8	1146.9	1008.8	888.7	781.6	688.1	617.3
-27.5°	2596.5	2079.1	1724.4	1434.5	1221.3	1075.3	956.7	850.0	754.3	671.8	601.8
-30°	2102.5	1766.7	1493.3	1275.9	1124.0	1001.9	906.4	817.1	728.8	650.9	585.0
-32.5°	1722.3	1515.9	1310.4	1154.5	1028.3	934.7	857.0	781.7	697.7	629.4	567.5
-35°	1474.7	1324.6	1178.7	1054.3	947.9	876.6	807.5	737.1	668.6	605.1	547.5
-37.5°	1302.4	1179.9	1070.0	969.8	890.6	823.5	762.8	700.6	638.4	580.2	526.9
-40°	1168.1	1064.1	977.4	901.1	837.7	780.3	725.1	667.6	612.3	553.9	504.7
-42.5°	1058.4	976.3	901.2	842.7	788.9	740.0	691.3	641.3	587.0	531.7	479.8
-45°	968.0	903.4	840.6	788.7	742.7	701.6	664.3	614.3	561.2	505.9	453.2
-47.5°	892.1	838.8	786.4	738.0	700.1	664.4	628.5	584.4	528.7	476.5	431.6
-50°	824.8	781.9	737.4	692.9	659.6	626.9	589.1	543.0	494.9	452.0	409.7
-52.5°	770.6	731.8	693.1	655.7	623.2	589.0	548.4	508.5	467.5	427.2	388.3
-55°	715.9	684.2	653.2	622.4	591.8	556.4	519.0	479.3	439.1	401.5	361.8
-57.5°	672.6	643.6	615.6	587.8	560.4	525.4	487.3	448.5	407.1	369.0	331.7
-60°	626.7	601.5	573.9	546.9	520.9	489.8	448.5	408.6	370.3	334.3	298.2
-62.5°	569.7	545.1	521.1	495.0	467.7	437.0	399.4	362.6	329.5	298.1	265.7
-65°	504.2	481.5	458.3	432.7	404.1	372.4	340.4	313.4	287.9	261.2	232.7
-67.5°	437.1	416.7	392.9	367.0	342.4	316.9	293.9	270.8	247.0	222.5	196.9
-70°	376.4	360.1	340.7	318.3	294.8	271.0	249.1	227.6	205.4	184.9	165.3
-72.5°	318.3	303.3	285.8	265.3	244.6	224.7	206.1	188.7	171.4	154.4	136.9
-75°	259.3	246.8	232.9	216.2	199.5	182.8	167.4	153.2	138.7	123.8	109.0
-77.5°	204.4	195.2	185.1	172.0	158.9	145.8	132.8	120.0	108.0	96.8	86.5
-80°	154.6	147.6	140.0	129.5	119.0	108.6	98.4	89.7	81.5	74.0	66.8
-82.5°	107.6	102.2	96.5	89.1	81.7	74.4	67.3	62.0	56.8	51.8	46.9
-85°	64.7	61.7	58.6	54.4	50.3	46.5	43.0	40.0	37.0	33.9	30.8
-87.5°	30.8	28.6	26.4	25.8	25.2	24.5	23.8	21.6	19.5	17.4	15.4
-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: P627528 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.6	1.5	0.5
70°	0.0	0.0	0.0	0.6	0.7	0.0	0.0	1.0	2.7	3.1	2.2
67.5°	0.0	0.0	0.0	1.5	2.5	2.1	0.5	1.2	3.0	4.7	4.1
65°	2.5	1.7	0.1	1.9	3.6	4.7	3.6	2.2	3.2	4.9	6.1
62.5°	4.3	5.5	4.1	3.0	4.0	5.8	6.8	4.6	3.8	5.2	6.8
60°	4.8	6.6	7.4	5.8	5.1	6.2	7.3	6.7	5.3	5.5	7.1
57.5°	12.8	8.3	8.3	7.9	6.6	6.8	7.3	7.3	6.5	6.1	7.3
55°	23.8	17.4	12.3	9.9	8.3	7.2	7.5	7.3	7.3	6.7	7.3
52.5°	41.4	30.0	22.0	14.9	11.1	8.3	8.3	7.3	7.3	7.1	7.3
50°	65.9	47.3	34.7	25.0	15.6	12.2	9.5	8.5	7.3	7.3	7.3
47.5°	96.3	70.8	50.6	36.5	25.6	16.5	13.0	10.1	7.3	7.3	7.3
45°	118.8	98.7	70.6	51.1	36.0	24.8	17.5	12.0	9.1	7.5	7.3
42.5°	141.0	122.8	96.0	65.4	49.5	34.2	22.3	16.1	11.1	8.0	7.6
40°	169.3	146.5	120.4	89.2	64.3	43.5	30.3	20.8	13.4	9.3	8.1
37.5°	198.5	173.0	144.5	112.1	81.0	57.6	38.4	25.6	16.8	11.8	8.9
35°	231.3	200.6	168.3	134.0	100.9	72.2	46.2	31.4	21.4	14.5	9.7
32.5°	264.3	227.2	190.6	155.2	119.5	87.2	57.2	38.9	25.9	17.3	10.7
30°	296.4	253.4	211.1	175.5	137.2	103.1	71.0	47.1	30.2	20.2	12.2
27.5°	325.6	279.1	230.9	193.6	154.9	118.0	84.9	55.9	34.3	23.5	14.5
25°	356.1	305.2	253.6	209.7	171.6	133.1	97.8	65.3	40.4	26.9	16.8
22.5°	390.8	331.6	275.4	224.2	189.2	147.8	110.1	76.5	47.7	30.2	19.2
20°	428.0	357.8	297.3	244.8	205.6	162.9	122.4	86.7	55.1	33.3	21.5
17.5°	466.2	386.4	323.8	268.4	221.8	177.0	134.1	96.0	62.6	36.3	23.8
15°	492.1	415.1	347.7	290.4	238.1	190.1	145.1	104.5	70.0	39.0	26.0
12.5°	513.8	439.9	368.8	310.8	254.1	202.0	155.4	112.1	77.1	42.7	28.2
10°	532.9	460.7	387.1	329.5	269.7	212.8	164.9	118.9	83.8	47.4	30.2
7.5°	549.5	477.9	402.9	346.4	284.5	223.7	172.8	124.8	89.5	52.1	32.1
5°	563.3	492.7	416.0	357.3	298.2	235.1	179.4	130.0	94.4	56.8	33.7
2.5°	574.3	506.2	427.3	365.3	310.1	245.6	184.9	134.5	98.5	61.3	35.1
0°	582.3	516.8	436.7	371.2	320.3	254.8	189.3	138.3	101.9	65.5	36.4
-2.5°	587.6	518.6	446.7	378.1	326.4	262.4	198.1	143.0	104.6	69.2	38.6
-5°	589.9	518.4	454.2	383.4	330.8	268.5	205.5	146.8	106.7	72.4	40.6
-7.5°	593.1	520.8	458.3	387.5	333.7	273.2	211.2	149.7	108.3	75.0	42.4
-10°	594.4	523.2	459.3	392.7	336.1	276.5	214.9	151.5	109.5	76.9	43.9
-12.5°	592.7	523.0	459.1	395.5	337.3	278.5	216.8	154.4	110.6	78.1	45.3
-15°	588.0	519.9	458.0	395.8	337.1	279.3	217.4	157.0	112.8	78.4	46.4
-17.5°	580.7	513.9	456.3	393.4	335.8	278.9	216.8	158.2	113.9	77.9	47.5
-20°	573.5	508.4	453.9	388.2	333.2	277.3	214.9	157.9	113.9	76.7	48.5



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	564.1	503.2	445.8	382.9	329.6	274.8	211.9	156.1	112.6	75.0	49.1
-25°	552.2	495.3	436.6	378.8	325.0	269.6	208.3	152.7	109.9	72.7	49.3
-27.5°	540.2	484.7	426.9	373.1	318.7	263.4	203.7	149.5	106.2	69.8	49.1
-30°	526.3	472.7	418.4	365.3	309.8	254.5	197.0	144.4	102.3	68.3	48.6
-32.5°	511.1	460.6	408.8	353.6	298.8	244.6	188.5	137.6	97.7	67.4	48.0
-35°	495.8	447.2	397.2	339.0	286.7	233.9	179.9	128.8	92.6	66.1	47.4
-37.5°	477.8	430.5	378.4	323.3	274.0	222.5	171.8	123.8	86.8	64.2	46.5
-40°	457.3	410.0	357.0	308.6	260.6	210.3	163.0	119.3	83.0	61.7	45.4
-42.5°	434.3	387.2	339.7	293.6	246.5	199.9	154.0	113.6	81.4	59.8	44.1
-45°	410.7	366.5	323.6	278.1	232.3	189.1	146.5	107.4	78.9	58.0	42.8
-47.5°	388.6	348.9	306.1	261.4	219.9	178.0	137.7	103.3	75.5	56.1	41.3
-50°	370.0	329.7	286.8	244.5	205.4	166.8	128.6	98.0	72.6	53.9	39.5
-52.5°	348.6	307.8	265.8	225.8	189.9	154.2	120.8	91.6	68.6	51.2	37.4
-55°	323.0	282.5	242.4	207.3	173.8	142.2	111.6	85.0	63.5	48.2	34.9
-57.5°	293.1	253.9	221.0	189.1	157.6	128.8	101.4	77.0	58.9	44.7	32.1
-60°	262.5	230.7	200.6	169.5	140.5	114.4	89.8	69.0	54.2	40.8	29.0
-62.5°	235.2	206.2	176.5	148.0	122.7	99.1	77.8	62.7	49.0	36.6	25.6
-65°	204.6	177.1	150.6	127.2	104.7	84.9	69.8	56.0	43.4	32.0	22.6
-67.5°	171.7	149.7	127.4	106.1	89.5	74.9	61.3	48.8	37.4	27.2	20.7
-70°	145.1	124.5	106.2	91.1	77.3	64.3	52.3	41.2	31.1	24.3	18.7
-72.5°	119.7	103.9	89.5	76.6	64.5	53.3	42.8	33.8	27.1	21.3	16.5
-75°	95.4	83.9	72.6	61.4	51.3	42.1	35.2	28.4	22.8	18.1	14.4
-77.5°	76.4	66.2	55.8	47.9	41.6	35.3	28.9	22.8	18.9	15.7	12.4
-80°	58.8	51.7	45.4	40.0	34.2	28.5	23.5	19.3	16.3	13.4	10.4
-82.5°	42.3	38.5	35.2	32.0	27.5	23.4	19.7	16.4	13.7	11.0	8.1
-85°	28.8	27.0	25.3	23.8	20.9	18.1	15.1	12.3	9.7	7.4	5.5
-87.5°	14.7	14.0	13.3	12.5	10.7	9.1	7.6	6.2	4.9	3.7	2.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	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	0.6	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	1.1	0.0
70°	0.8	1.6	1.5	0.1	0.3	1.3	0.0
67.5°	2.6	2.3	2.2	0.9	0.4	1.5	0.0
65°	4.2	3.1	3.0	1.6	0.6	1.7	0.0
62.5°	5.7	4.1	3.7	2.3	0.8	1.9	0.0
60°	7.1	5.1	4.6	3.1	1.0	2.1	0.0
57.5°	7.3	6.0	5.1	3.8	1.6	2.3	0.0
55°	7.3	6.7	5.6	4.6	2.2	2.5	0.0
52.5°	7.3	7.3	6.1	5.4	2.8	2.7	0.0
50°	7.3	7.3	6.4	6.2	3.3	2.9	0.0
47.5°	7.3	7.3	6.8	6.9	3.8	3.1	0.0
45°	7.3	7.3	7.0	7.1	4.3	3.3	0.0
42.5°	7.3	7.3	7.2	7.3	4.7	3.6	0.0
40°	7.3	7.3	7.3	7.3	5.1	3.8	0.0
37.5°	7.3	7.3	7.3	7.3	5.5	4.0	0.0
35°	7.3	7.3	7.3	7.3	5.8	4.3	0.0
32.5°	7.5	7.3	7.3	7.3	6.1	4.5	0.0
30°	8.3	7.3	7.3	7.3	6.3	4.7	0.0
27.5°	9.1	7.3	7.3	7.3	6.5	5.0	0.0
25°	10.0	7.3	7.3	7.3	6.7	5.2	0.0
22.5°	10.9	7.4	7.3	7.3	6.9	5.5	0.0
20°	11.8	8.0	7.3	7.3	7.0	5.7	0.0
17.5°	13.1	8.6	7.3	7.3	7.1	5.9	0.0
15°	14.6	9.4	7.3	7.3	7.2	6.1	0.0
12.5°	16.0	10.2	7.3	7.3	7.2	6.4	0.0
10°	17.3	11.1	7.3	7.3	7.3	6.6	0.0
7.5°	18.5	12.0	7.3	7.3	7.3	6.8	0.0
5°	19.7	12.9	7.3	7.3	7.3	7.0	0.0
2.5°	20.8	13.8	7.3	7.3	7.3	7.1	0.0
0°	21.8	14.6	7.3	7.3	7.3	7.3	0.0
-2.5°	23.7	15.4	7.9	7.3	7.3	7.3	0.0
-5°	25.5	16.1	8.6	7.3	7.3	7.3	0.0
-7.5°	27.1	16.7	9.2	7.3	7.3	7.2	0.0
-10°	28.5	17.2	9.7	7.3	7.3	7.2	0.0
-12.5°	29.7	17.7	10.2	7.3	7.3	7.1	0.0
-15°	30.7	18.1	10.6	7.3	7.3	7.1	0.0
-17.5°	31.3	18.4	10.9	7.3	7.3	7.0	0.0
-20°	31.7	18.6	11.1	7.3	7.3	6.9	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	32.1	18.8	11.2	7.3	7.3	6.7	0.0
-25°	32.3	19.3	11.2	7.3	7.3	6.6	0.0
-27.5°	32.3	19.8	11.0	7.3	7.3	6.5	0.0
-30°	32.1	20.1	10.7	7.3	7.3	6.3	0.0
-32.5°	31.8	20.3	10.7	7.3	7.3	6.2	0.0
-35°	31.7	20.3	10.6	7.3	7.3	6.0	0.0
-37.5°	31.6	20.0	10.3	7.3	7.3	5.8	0.0
-40°	31.2	19.6	9.9	7.3	7.3	5.6	0.0
-42.5°	30.5	19.0	9.8	7.4	7.3	5.4	0.0
-45°	29.6	18.3	10.1	7.6	7.3	5.2	0.0
-47.5°	28.4	17.3	10.3	7.7	7.3	4.9	0.0
-50°	26.9	16.2	10.4	7.8	7.3	4.7	0.0
-52.5°	25.2	14.8	10.4	7.9	7.3	4.4	0.0
-55°	23.3	14.4	10.3	7.9	7.3	4.2	0.0
-57.5°	21.1	14.1	10.2	7.9	7.3	3.9	0.0
-60°	18.8	13.6	10.0	7.8	7.3	3.6	0.0
-62.5°	17.9	13.1	9.7	7.8	6.7	3.4	0.0
-65°	16.8	12.4	9.3	7.6	6.2	3.1	0.0
-67.5°	15.6	11.6	8.9	7.5	5.6	2.8	0.0
-70°	14.2	10.7	8.5	7.3	5.0	2.5	0.0
-72.5°	12.7	9.8	8.0	6.6	4.4	2.2	0.0
-75°	11.0	8.8	7.4	5.7	3.8	1.9	0.0
-77.5°	9.3	7.7	6.3	4.7	3.2	1.6	0.0
-80°	7.5	6.3	5.0	3.8	2.5	1.3	0.0
-82.5°	5.7	4.7	3.8	2.9	1.9	1.0	0.0
-85°	3.8	3.2	2.5	1.9	1.3	0.6	0.0
-87.5°	1.9	1.6	1.3	1.0	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)