

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: P627015 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2E-727-U-MR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627015 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2E-727-U-MR-XX
Description: GALLEON FLOOD, TWO LIGHT SQUARE, MEDIUM SYMMETRICAL ROUND N41
Light Source: (32) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

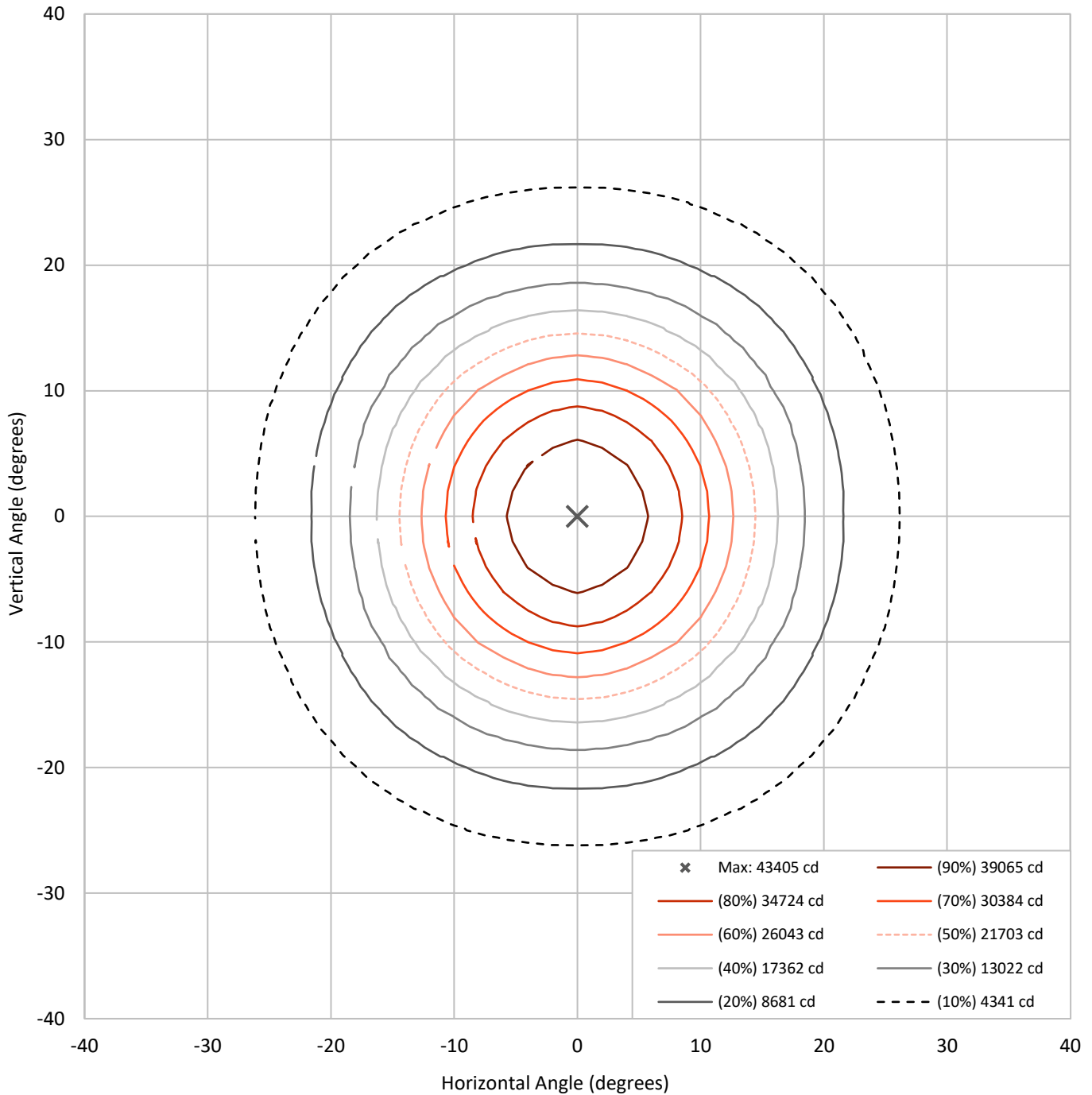
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	13561.2 lumens	Max Intensity:	43405 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	107.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	6593.3 lumens	Field Lumens:	11126.8 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	125.71		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





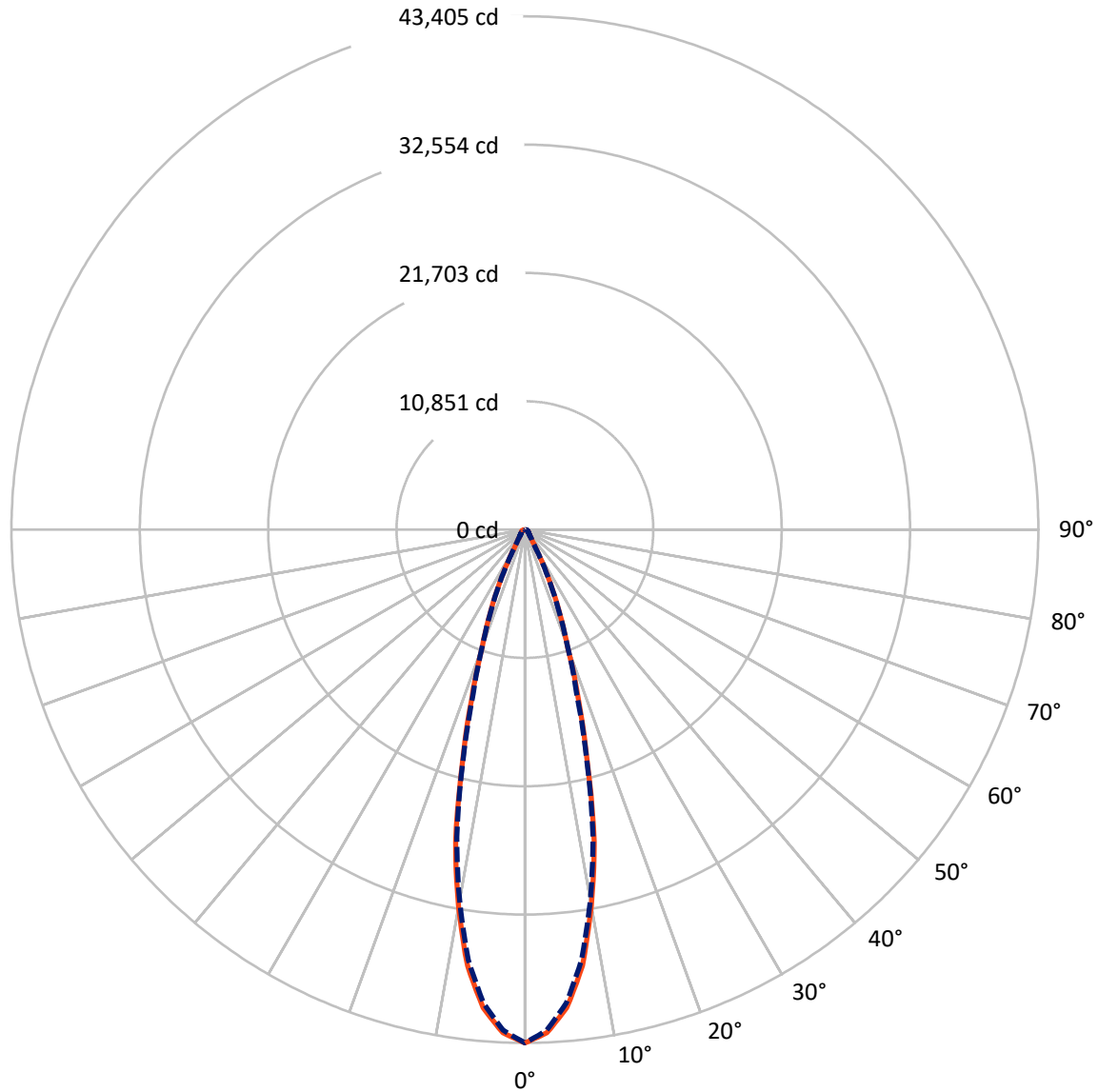
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Lumen Table

90	0.3	2.2	5.9	9.3	10.3	9.3	5.9	2.2	0.3							
80	0.3	2.2	5.9	9.3	10.3	9.3	5.9	2.2	0.3							
70	1.0	1.2	2.3	3.8	5.4	6.6	7.3	7.7	7.7	7.3	6.6	5.4	3.8	2.3	1.2	1.0
60		1.7	3.5	5.6	7.6	9.3	10.5	10.8	10.8	10.5	9.3	7.6	5.6	3.5	1.7	
50	1.8	2.2	4.5	7.0	9.3	11.7	13.8	14.8	14.8	13.8	11.7	9.3	7.0	4.5	2.2	1.8
40		2.6	5.3	8.1	11.4	16.2	23.5	30.5	30.5	23.5	16.2	11.4	8.1	5.3	2.6	
30	2.3	2.9	5.8	9.1	14.6	31.7	89.3	158.3	158.3	89.3	31.7	14.6	9.1	5.8	2.9	2.3
20		3.2	6.1	9.9	19.9	83.2	296.6	568.4	568.4	296.6	83.2	19.9	9.9	6.1	3.2	
10	2.5	3.3	6.2	10.4	25.2	143.7	549.1	1080.0	1080.0	549.1	143.7	25.2	10.4	6.2	3.3	2.5
0		3.3	6.2	10.4	25.2	143.7	549.1	1080.0	1080.0	549.1	143.7	25.2	10.4	6.2	3.3	
-10	2.3	3.2	6.1	9.9	19.9	83.2	296.6	568.4	568.4	296.6	83.2	19.9	9.9	6.1	3.2	2.3
-20		2.9	5.8	9.1	14.6	31.7	89.3	158.3	158.3	89.3	31.7	14.6	9.1	5.8	2.9	
-30	1.8	2.6	5.3	8.1	11.4	16.2	23.5	30.5	30.5	23.5	16.2	11.4	8.1	5.3	2.6	1.8
-40		2.2	4.5	7.0	9.3	11.7	13.8	14.8	14.8	13.8	11.7	9.3	7.0	4.5	2.2	
-50	1.0	1.7	3.5	5.6	7.6	9.3	10.5	10.8	10.8	10.5	9.3	7.6	5.6	3.5	1.7	1.0
-60		1.2	2.3	3.8	5.4	6.6	7.3	7.7	7.7	7.3	6.6	5.4	3.8	2.3	1.2	
-70	0.3	2.2	5.9	9.3	10.3	9.3	5.9	2.2	0.3							
-80		0.3	2.2	5.9	9.3	10.3	9.3	5.9	2.2	0.3						
-90	0.3	2.2	5.9	9.3	10.3	9.3	5.9	2.2	0.3							

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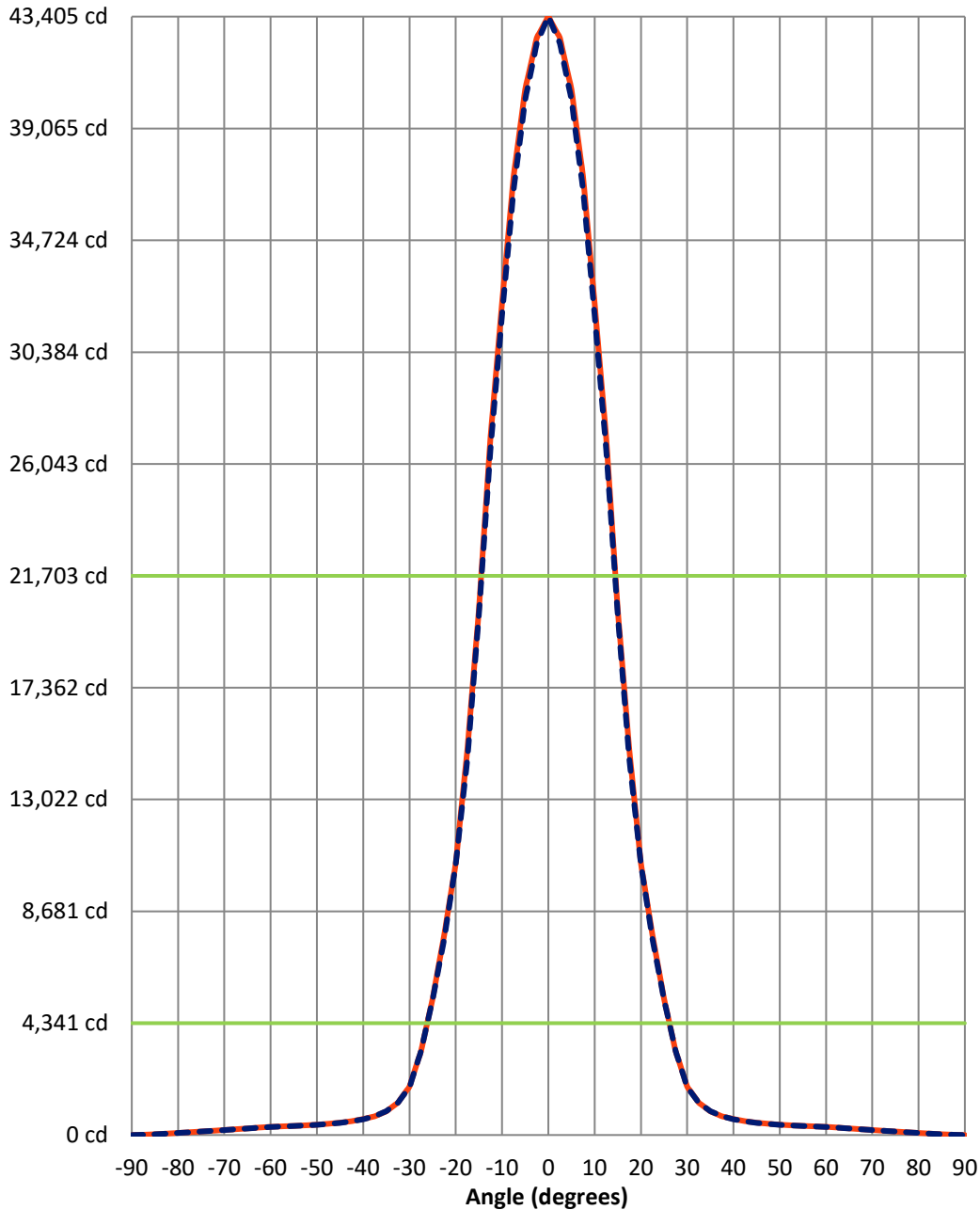
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 6593.3
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 11126.8
 Efficiency: 82.0%

Spill:
 Lumens: 2434.4
 Efficiency: 18.0%

— 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	0.5	1.0	1.4	1.9	2.4	2.9	3.3	3.8	4.2	4.7
85°	0.0	1.0	1.9	2.9	3.9	4.8	5.7	6.7	7.6	8.5	9.4
82.5°	0.0	1.4	2.9	4.3	5.8	7.2	8.6	10.0	11.6	14.2	17.0
80°	0.0	1.9	3.9	5.8	7.7	9.6	11.7	15.1	18.6	22.4	26.3
77.5°	0.0	2.4	4.8	7.2	9.6	12.5	16.6	21.0	25.6	30.4	35.7
75°	0.0	2.9	5.7	8.6	11.7	16.6	21.6	26.8	32.6	39.4	46.0
72.5°	0.0	3.3	6.7	10.0	14.9	20.7	26.4	33.0	40.8	48.6	56.2
70°	0.0	3.8	7.6	11.6	18.2	24.7	31.4	40.1	48.9	57.7	67.2
67.5°	0.0	4.2	8.5	13.9	21.3	28.7	37.5	47.1	56.9	67.6	78.2
65°	0.0	4.7	9.4	16.3	24.4	33.1	43.4	54.0	65.7	77.4	89.3
62.5°	0.0	5.1	10.2	18.6	27.5	38.0	49.3	61.2	74.2	87.1	100.7
60°	0.0	5.5	11.1	20.8	30.5	42.8	55.1	68.6	82.6	96.9	111.7
57.5°	0.0	6.0	12.5	23.0	34.1	47.4	61.1	75.7	90.9	106.4	122.7
55°	0.0	6.4	14.0	25.1	37.8	52.0	67.0	82.7	98.9	115.7	133.5
52.5°	0.0	6.8	15.3	27.1	41.3	56.5	72.6	89.4	106.6	125.1	143.9
50°	0.0	7.1	16.7	29.1	44.7	61.0	78.1	95.9	114.2	134.2	153.6
47.5°	0.0	7.5	17.9	31.2	48.0	65.3	83.3	102.2	122.0	143.0	162.7
45°	0.0	7.8	19.2	33.6	51.2	69.4	88.5	108.3	129.5	150.8	171.4
42.5°	0.0	8.2	20.3	35.8	54.3	73.3	93.4	114.3	136.6	158.0	179.4
40°	0.0	8.5	21.5	38.0	57.2	76.9	98.1	120.2	143.2	164.9	186.9
37.5°	0.0	8.8	22.5	40.0	60.0	80.4	102.6	125.6	149.0	171.5	194.0
35°	0.0	9.1	23.5	41.9	62.6	83.8	106.8	130.8	154.5	177.6	200.6
32.5°	0.0	9.4	24.5	43.6	65.0	87.1	110.8	135.5	159.6	183.4	207.1
30°	0.0	9.6	25.4	45.2	67.2	90.1	114.6	139.8	164.4	188.8	213.1
27.5°	0.0	9.8	26.2	46.6	69.3	93.0	118.0	143.6	168.7	193.7	218.7
25°	0.0	10.1	26.9	47.9	71.2	95.5	121.1	147.0	172.7	198.2	223.8
22.5°	0.0	10.3	27.6	49.0	72.9	97.9	123.9	150.2	176.3	202.3	228.9
20°	0.0	10.4	28.2	50.0	74.5	99.9	126.3	152.9	179.4	205.9	233.4
17.5°	0.0	10.6	28.8	50.9	75.9	101.6	128.5	155.3	182.2	209.1	237.3
15°	0.0	10.7	29.3	51.6	77.2	103.1	130.6	157.5	184.5	211.7	240.7
12.5°	0.0	10.8	29.7	52.2	78.2	104.2	132.3	159.6	186.7	213.9	243.5
10°	0.0	10.9	30.0	52.6	79.1	105.1	133.8	161.3	188.7	216.5	246.0
7.5°	0.0	11.0	30.3	52.9	79.9	105.7	135.0	162.7	190.2	218.8	248.8
5°	0.0	11.1	30.5	53.0	80.4	106.0	135.8	163.6	191.3	220.7	251.0
2.5°	0.0	11.1	30.6	53.0	80.7	106.1	136.3	164.2	192.0	222.0	252.6
0°	0.0	11.1	30.6	52.9	80.8	105.9	136.5	164.4	192.2	222.9	253.5
-2.5°	0.0	11.1	30.6	53.0	80.7	106.1	136.3	164.2	192.0	222.0	252.6
-5°	0.0	11.1	30.5	53.0	80.4	106.0	135.8	163.6	191.3	220.7	251.0
-7.5°	0.0	11.0	30.3	52.9	79.9	105.7	135.0	162.7	190.2	218.8	248.8
-10°	0.0	10.9	30.0	52.6	79.1	105.1	133.8	161.3	188.7	216.5	246.0
-12.5°	0.0	10.8	29.7	52.2	78.2	104.2	132.3	159.6	186.7	213.9	243.5
-15°	0.0	10.7	29.3	51.6	77.2	103.1	130.6	157.5	184.5	211.7	240.7
-17.5°	0.0	10.6	28.8	50.9	75.9	101.6	128.5	155.3	182.2	209.1	237.3
-20°	0.0	10.4	28.2	50.0	74.5	99.9	126.3	152.9	179.4	205.9	233.4

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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	10.3	27.6	49.0	72.9	97.9	123.9	150.2	176.3	202.3	228.9
-25°	0.0	10.1	26.9	47.9	71.2	95.5	121.1	147.0	172.7	198.2	223.8
-27.5°	0.0	9.8	26.2	46.6	69.3	93.0	118.0	143.6	168.7	193.7	218.7
-30°	0.0	9.6	25.4	45.2	67.2	90.1	114.6	139.8	164.4	188.8	213.1
-32.5°	0.0	9.4	24.5	43.6	65.0	87.1	110.8	135.5	159.6	183.4	207.1
-35°	0.0	9.1	23.5	41.9	62.6	83.8	106.8	130.8	154.5	177.6	200.6
-37.5°	0.0	8.8	22.5	40.0	60.0	80.4	102.6	125.6	149.0	171.5	194.0
-40°	0.0	8.5	21.5	38.0	57.2	76.9	98.1	120.2	143.2	164.9	186.9
-42.5°	0.0	8.2	20.3	35.8	54.3	73.3	93.4	114.3	136.6	158.0	179.4
-45°	0.0	7.8	19.2	33.6	51.2	69.4	88.5	108.3	129.5	150.8	171.4
-47.5°	0.0	7.5	17.9	31.2	48.0	65.3	83.3	102.2	122.0	143.0	162.7
-50°	0.0	7.1	16.7	29.1	44.7	61.0	78.1	95.9	114.2	134.2	153.6
-52.5°	0.0	6.8	15.3	27.1	41.3	56.5	72.6	89.4	106.6	125.1	143.9
-55°	0.0	6.4	14.0	25.1	37.8	52.0	67.0	82.7	98.9	115.7	133.5
-57.5°	0.0	6.0	12.5	23.0	34.1	47.4	61.1	75.7	90.9	106.4	122.7
-60°	0.0	5.5	11.1	20.8	30.5	42.8	55.1	68.6	82.6	96.9	111.7
-62.5°	0.0	5.1	10.2	18.6	27.5	38.0	49.3	61.2	74.2	87.1	100.7
-65°	0.0	4.7	9.4	16.3	24.4	33.1	43.4	54.0	65.7	77.4	89.3
-67.5°	0.0	4.2	8.5	13.9	21.3	28.7	37.5	47.1	56.9	67.6	78.2
-70°	0.0	3.8	7.6	11.6	18.2	24.7	31.4	40.1	48.9	57.7	67.2
-72.5°	0.0	3.3	6.7	10.0	14.9	20.7	26.4	33.0	40.8	48.6	56.2
-75°	0.0	2.9	5.7	8.6	11.7	16.6	21.6	26.8	32.6	39.4	46.0
-77.5°	0.0	2.4	4.8	7.2	9.6	12.5	16.6	21.0	25.6	30.4	35.7
-80°	0.0	1.9	3.9	5.8	7.7	9.6	11.7	15.1	18.6	22.4	26.3
-82.5°	0.0	1.4	2.9	4.3	5.8	7.2	8.6	10.0	11.6	14.2	17.0
-85°	0.0	1.0	1.9	2.9	3.9	4.8	5.7	6.7	7.6	8.5	9.4
-87.5°	0.0	0.5	1.0	1.4	1.9	2.4	2.9	3.3	3.8	4.2	4.7
-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):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.1	5.5	6.0	6.4	6.8	7.1	7.5	7.8	8.2	8.5	8.8
85°	10.2	11.1	12.7	14.4	15.9	17.4	18.9	20.3	21.7	22.9	24.2
82.5°	19.6	22.2	24.7	27.1	29.5	31.7	33.9	36.0	38.1	40.0	41.8
80°	29.8	33.2	36.7	39.8	42.9	46.0	48.9	51.7	54.4	57.3	60.4
77.5°	40.6	45.0	49.0	52.6	56.5	61.2	65.8	70.2	74.5	78.5	82.3
75°	51.8	56.7	62.2	67.5	73.2	78.9	84.4	89.7	94.9	100.2	105.5
72.5°	63.5	70.2	76.8	83.2	90.2	97.1	103.5	109.3	115.8	123.0	129.7
70°	75.9	83.7	92.0	100.1	108.1	115.8	123.7	131.6	139.6	147.4	154.8
67.5°	88.4	98.2	107.7	117.0	126.1	135.3	144.7	154.3	163.4	172.2	180.8
65°	101.7	112.6	123.3	133.7	143.8	155.1	166.1	176.8	188.5	199.3	208.7
62.5°	114.6	126.8	138.6	150.4	162.7	175.2	188.0	201.4	215.3	225.3	234.0
60°	127.0	140.8	154.0	167.5	181.2	195.2	210.0	224.3	237.0	248.0	257.0
57.5°	139.2	154.6	169.2	183.9	198.8	214.8	231.1	245.7	257.5	268.1	278.0
55°	150.9	168.1	183.6	199.2	216.2	235.0	251.6	264.8	276.9	285.6	295.1
52.5°	162.1	180.4	196.7	214.2	233.7	253.1	269.6	282.4	292.6	301.6	310.9
50°	172.8	191.3	209.3	229.2	249.7	269.3	286.0	297.8	308.0	317.4	326.3
47.5°	182.5	201.7	222.1	243.3	264.8	284.1	300.1	312.2	322.7	332.4	342.2
45°	191.7	212.3	233.9	257.2	279.3	298.4	312.9	325.9	336.0	346.9	359.2
42.5°	200.4	222.4	245.9	270.8	293.3	310.7	324.9	337.2	349.0	362.1	375.8
40°	209.0	231.9	257.4	283.5	306.3	321.5	335.7	348.8	362.3	377.1	392.1
37.5°	217.0	241.6	268.1	295.3	316.0	331.7	346.4	361.0	376.2	392.1	410.7
35°	224.4	250.6	278.3	304.6	324.5	341.7	357.4	373.2	390.2	409.7	430.2
32.5°	231.6	258.7	287.8	312.5	332.2	350.6	367.9	385.8	405.3	426.7	450.2
30°	238.6	266.7	296.1	320.5	339.1	357.9	378.2	398.1	419.8	443.6	471.2
27.5°	245.4	274.1	303.1	326.8	345.2	364.3	386.0	410.3	434.0	460.0	492.0
25°	251.7	281.7	309.9	331.8	350.4	370.4	393.1	419.0	446.8	477.8	517.0
22.5°	257.6	288.5	316.4	336.0	354.8	375.7	400.2	427.5	457.7	493.7	541.6
20°	263.2	293.8	320.8	339.9	358.3	380.0	406.3	435.1	469.6	513.2	570.4
17.5°	268.0	298.4	323.7	343.1	362.1	384.4	411.6	441.5	480.3	530.4	598.1
15°	272.2	302.0	326.3	345.6	365.3	389.0	416.9	449.5	492.0	547.2	622.0
12.5°	275.6	304.9	328.5	347.4	367.8	392.3	421.4	457.2	503.7	565.6	654.2
10°	278.3	307.0	330.2	348.5	369.6	394.5	425.0	463.2	513.2	580.9	681.8
7.5°	280.9	308.9	331.4	349.0	370.6	395.6	427.4	467.5	520.1	592.5	703.8
5°	282.7	310.6	332.1	350.0	371.2	396.1	429.1	470.0	524.5	600.1	719.4
2.5°	283.8	311.6	332.1	350.8	371.3	396.3	431.1	471.4	529.2	606.5	728.3
0°	284.2	312.0	331.5	351.1	370.6	395.6	431.8	470.9	532.1	610.2	730.0
-2.5°	283.8	311.6	332.1	350.8	371.3	396.3	431.1	471.4	529.2	606.5	728.3
-5°	282.7	310.6	332.1	350.0	371.2	396.1	429.1	470.0	524.5	600.1	719.4
-7.5°	280.9	308.9	331.4	349.0	370.6	395.6	427.4	467.5	520.1	592.5	703.8
-10°	278.3	307.0	330.2	348.5	369.6	394.5	425.0	463.2	513.2	580.9	681.8
-12.5°	275.6	304.9	328.5	347.4	367.8	392.3	421.4	457.2	503.7	565.6	654.2
-15°	272.2	302.0	326.3	345.6	365.3	389.0	416.9	449.5	492.0	547.2	622.0
-17.5°	268.0	298.4	323.7	343.1	362.1	384.4	411.6	441.5	480.3	530.4	598.1
-20°	263.2	293.8	320.8	339.9	358.3	380.0	406.3	435.1	469.6	513.2	570.4

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627015 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	257.6	288.5	316.4	336.0	354.8	375.7	400.2	427.5	457.7	493.7	541.6
-25°	251.7	281.7	309.9	331.8	350.4	370.4	393.1	419.0	446.8	477.8	517.0
-27.5°	245.4	274.1	303.1	326.8	345.2	364.3	386.0	410.3	434.0	460.0	492.0
-30°	238.6	266.7	296.1	320.5	339.1	357.9	378.2	398.1	419.8	443.6	471.2
-32.5°	231.6	258.7	287.8	312.5	332.2	350.6	367.9	385.8	405.3	426.7	450.2
-35°	224.4	250.6	278.3	304.6	324.5	341.7	357.4	373.2	390.2	409.7	430.2
-37.5°	217.0	241.6	268.1	295.3	316.0	331.7	346.4	361.0	376.2	392.1	410.7
-40°	209.0	231.9	257.4	283.5	306.3	321.5	335.7	348.8	362.3	377.1	392.1
-42.5°	200.4	222.4	245.9	270.8	293.3	310.7	324.9	337.2	349.0	362.1	375.8
-45°	191.7	212.3	233.9	257.2	279.3	298.4	312.9	325.9	336.0	346.9	359.2
-47.5°	182.5	201.7	222.1	243.3	264.8	284.1	300.1	312.2	322.7	332.4	342.2
-50°	172.8	191.3	209.3	229.2	249.7	269.3	286.0	297.8	308.0	317.4	326.3
-52.5°	162.1	180.4	196.7	214.2	233.7	253.1	269.6	282.4	292.6	301.6	310.9
-55°	150.9	168.1	183.6	199.2	216.2	235.0	251.6	264.8	276.9	285.6	295.1
-57.5°	139.2	154.6	169.2	183.9	198.8	214.8	231.1	245.7	257.5	268.1	278.0
-60°	127.0	140.8	154.0	167.5	181.2	195.2	210.0	224.3	237.0	248.0	257.0
-62.5°	114.6	126.8	138.6	150.4	162.7	175.2	188.0	201.4	215.3	225.3	234.0
-65°	101.7	112.6	123.3	133.7	143.8	155.1	166.1	176.8	188.5	199.3	208.7
-67.5°	88.4	98.2	107.7	117.0	126.1	135.3	144.7	154.3	163.4	172.2	180.8
-70°	75.9	83.7	92.0	100.1	108.1	115.8	123.7	131.6	139.6	147.4	154.8
-72.5°	63.5	70.2	76.8	83.2	90.2	97.1	103.5	109.3	115.8	123.0	129.7
-75°	51.8	56.7	62.2	67.5	73.2	78.9	84.4	89.7	94.9	100.2	105.5
-77.5°	40.6	45.0	49.0	52.6	56.5	61.2	65.8	70.2	74.5	78.5	82.3
-80°	29.8	33.2	36.7	39.8	42.9	46.0	48.9	51.7	54.4	57.3	60.4
-82.5°	19.6	22.2	24.7	27.1	29.5	31.7	33.9	36.0	38.1	40.0	41.8
-85°	10.2	11.1	12.7	14.4	15.9	17.4	18.9	20.3	21.7	22.9	24.2
-87.5°	5.1	5.5	6.0	6.4	6.8	7.1	7.5	7.8	8.2	8.5	8.8
-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: P627015 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-727-U-MR-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°	9.1	9.4	9.6	9.8	10.1	10.3	10.4	10.6	10.7	10.8	10.9
85°	25.3	26.4	27.4	28.3	29.2	29.4	29.5	29.4	29.3	29.7	30.0
82.5°	43.5	45.5	47.5	49.5	51.4	52.1	52.6	52.9	53.2	53.9	54.5
80°	63.3	66.4	69.2	71.8	74.1	75.7	77.2	78.5	79.8	80.3	80.6
77.5°	86.2	89.9	93.4	96.7	99.7	102.0	104.0	105.5	106.7	107.5	108.0
75°	110.8	115.5	119.8	123.7	127.3	129.8	131.6	132.9	133.7	134.7	135.4
72.5°	135.7	141.1	146.1	150.8	155.0	157.9	159.9	161.6	162.8	163.8	164.2
70°	161.9	168.3	173.8	178.5	182.3	185.1	187.3	189.1	190.4	191.3	191.8
67.5°	188.9	195.8	201.0	205.1	208.5	211.5	214.2	216.2	217.6	218.9	220.3
65°	216.5	223.6	228.9	233.3	236.8	240.6	244.1	246.7	248.5	250.0	251.6
62.5°	242.5	250.5	256.6	262.4	268.2	273.7	276.8	279.3	281.0	282.5	284.4
60°	266.1	275.1	282.6	289.6	296.7	303.8	306.8	309.0	311.2	313.3	315.1
57.5°	287.0	296.6	305.8	312.6	319.5	326.1	330.7	333.2	334.9	335.8	336.6
55°	305.3	314.9	324.0	331.9	339.3	346.1	351.2	353.7	355.5	356.7	357.4
52.5°	321.6	331.8	341.6	350.4	358.3	365.7	372.1	375.5	378.2	380.2	380.8
50°	337.6	348.7	359.3	368.7	377.9	386.7	394.9	399.6	402.9	404.9	405.6
47.5°	354.4	366.4	377.8	388.7	399.2	409.7	419.3	425.8	430.5	434.0	436.5
45°	371.8	384.7	397.3	410.2	422.3	435.8	448.0	457.4	464.3	470.3	475.1
42.5°	389.3	403.9	418.4	435.0	451.4	466.8	481.3	493.7	505.1	516.2	524.8
40°	408.4	424.3	444.2	463.8	484.2	502.0	523.2	542.1	559.6	578.4	594.0
37.5°	429.3	449.7	473.2	496.7	523.2	548.9	578.4	607.6	632.9	665.9	692.3
35°	452.0	477.9	505.6	537.2	571.3	611.6	653.0	701.6	742.8	795.1	843.4
32.5°	477.3	507.7	543.7	587.1	633.2	697.9	758.5	840.9	911.2	1002.0	1101.2
30°	503.0	542.3	591.3	647.4	725.3	817.1	924.1	1063.3	1213.8	1369.6	1579.3
27.5°	533.5	584.6	645.7	732.3	848.9	975.9	1193.9	1429.3	1757.2	2016.8	2479.1
25°	566.4	629.6	719.9	845.4	1006.5	1263.5	1631.5	2057.6	2713.7	3297.3	3968.1
22.5°	605.3	691.2	810.7	975.1	1255.8	1698.1	2272.5	3147.5	4120.1	5080.1	5957.6
20°	646.5	750.3	917.4	1185.1	1618.9	2258.5	3283.3	4533.5	5824.8	7140.5	8249.2
17.5°	694.6	835.5	1055.6	1411.2	2030.2	3125.2	4493.9	6083.8	7770.8	9449.6	10907.8
15°	736.0	910.1	1206.4	1739.0	2662.1	4031.8	5714.0	7721.9	9843.3	12022.0	14383.4
12.5°	788.7	999.9	1361.8	2010.1	3222.7	5003.0	7061.3	9392.5	11983.1	14875.9	18557.3
10°	837.1	1094.1	1566.2	2444.4	3896.7	5910.2	8225.1	10869.9	14230.2	18577.4	23018.0
7.5°	875.9	1168.7	1724.8	2783.3	4461.9	6685.3	9273.0	12444.0	16636.2	21812.8	26886.4
5°	902.8	1220.5	1838.2	3039.3	4916.5	7277.6	10016.7	13604.4	18664.2	24461.1	29641.5
2.5°	919.8	1248.9	1893.7	3191.3	5213.0	7634.1	10480.7	14341.9	19907.2	26146.9	31392.0
0°	927.8	1253.8	1858.3	3265.3	5254.6	7608.9	10523.2	14588.1	20202.2	26604.7	31828.6
-2.5°	919.8	1248.9	1893.7	3191.3	5213.0	7634.1	10480.7	14341.9	19907.2	26146.9	31392.0
-5°	902.8	1220.5	1838.2	3039.3	4916.5	7277.6	10016.7	13604.4	18664.2	24461.1	29641.5
-7.5°	875.9	1168.7	1724.8	2783.3	4461.9	6685.3	9273.0	12444.0	16636.2	21812.8	26886.4
-10°	837.1	1094.1	1566.2	2444.4	3896.7	5910.2	8225.1	10869.9	14230.2	18577.4	23018.0
-12.5°	788.7	999.9	1361.8	2010.1	3222.7	5003.0	7061.3	9392.5	11983.1	14875.9	18557.3
-15°	736.0	910.1	1206.4	1739.0	2662.1	4031.8	5714.0	7721.9	9843.3	12022.0	14383.4
-17.5°	694.6	835.5	1055.6	1411.2	2030.2	3125.2	4493.9	6083.8	7770.8	9449.6	10907.8
-20°	646.5	750.3	917.4	1185.1	1618.9	2258.5	3283.3	4533.5	5824.8	7140.5	8249.2

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Scaled Data Report



REPORT NUMBER: P627015 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	605.3	691.2	810.7	975.1	1255.8	1698.1	2272.5	3147.5	4120.1	5080.1	5957.6
-25°	566.4	629.6	719.9	845.4	1006.5	1263.5	1631.5	2057.6	2713.7	3297.3	3968.1
-27.5°	533.5	584.6	645.7	732.3	848.9	975.9	1193.9	1429.3	1757.2	2016.8	2479.1
-30°	503.0	542.3	591.3	647.4	725.3	817.1	924.1	1063.3	1213.8	1369.6	1579.3
-32.5°	477.3	507.7	543.7	587.1	633.2	697.9	758.5	840.9	911.2	1002.0	1101.2
-35°	452.0	477.9	505.6	537.2	571.3	611.6	653.0	701.6	742.8	795.1	843.4
-37.5°	429.3	449.7	473.2	496.7	523.2	548.9	578.4	607.6	632.9	665.9	692.3
-40°	408.4	424.3	444.2	463.8	484.2	502.0	523.2	542.1	559.6	578.4	594.0
-42.5°	389.3	403.9	418.4	435.0	451.4	466.8	481.3	493.7	505.1	516.2	524.8
-45°	371.8	384.7	397.3	410.2	422.3	435.8	448.0	457.4	464.3	470.3	475.1
-47.5°	354.4	366.4	377.8	388.7	399.2	409.7	419.3	425.8	430.5	434.0	436.5
-50°	337.6	348.7	359.3	368.7	377.9	386.7	394.9	399.6	402.9	404.9	405.6
-52.5°	321.6	331.8	341.6	350.4	358.3	365.7	372.1	375.5	378.2	380.2	380.8
-55°	305.3	314.9	324.0	331.9	339.3	346.1	351.2	353.7	355.5	356.7	357.4
-57.5°	287.0	296.6	305.8	312.6	319.5	326.1	330.7	333.2	334.9	335.8	336.6
-60°	266.1	275.1	282.6	289.6	296.7	303.8	306.8	309.0	311.2	313.3	315.1
-62.5°	242.5	250.5	256.6	262.4	268.2	273.7	276.8	279.3	281.0	282.5	284.4
-65°	216.5	223.6	228.9	233.3	236.8	240.6	244.1	246.7	248.5	250.0	251.6
-67.5°	188.9	195.8	201.0	205.1	208.5	211.5	214.2	216.2	217.6	218.9	220.3
-70°	161.9	168.3	173.8	178.5	182.3	185.1	187.3	189.1	190.4	191.3	191.8
-72.5°	135.7	141.1	146.1	150.8	155.0	157.9	159.9	161.6	162.8	163.8	164.2
-75°	110.8	115.5	119.8	123.7	127.3	129.8	131.6	132.9	133.7	134.7	135.4
-77.5°	86.2	89.9	93.4	96.7	99.7	102.0	104.0	105.5	106.7	107.5	108.0
-80°	63.3	66.4	69.2	71.8	74.1	75.7	77.2	78.5	79.8	80.3	80.6
-82.5°	43.5	45.5	47.5	49.5	51.4	52.1	52.6	52.9	53.2	53.9	54.5
-85°	25.3	26.4	27.4	28.3	29.2	29.4	29.5	29.4	29.3	29.7	30.0
-87.5°	9.1	9.4	9.6	9.8	10.1	10.3	10.4	10.6	10.7	10.8	10.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627015 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	11.0	11.1	11.1	11.1	11.1	11.1	11.0	10.9	10.8	10.7	10.6
85°	30.3	30.5	30.6	30.6	30.6	30.5	30.3	30.0	29.7	29.3	29.4
82.5°	55.1	55.4	55.6	55.7	55.6	55.4	55.1	54.5	53.9	53.2	52.9
80°	80.6	80.4	80.7	80.8	80.7	80.4	80.6	80.6	80.3	79.8	78.5
77.5°	108.2	108.2	108.6	108.7	108.6	108.2	108.2	108.0	107.5	106.7	105.5
75°	135.8	135.9	136.3	136.5	136.3	135.9	135.8	135.4	134.7	133.7	132.9
72.5°	164.2	163.8	164.2	164.4	164.2	163.8	164.2	164.2	163.8	162.8	161.6
70°	191.9	191.5	193.3	195.0	193.3	191.5	191.9	191.8	191.3	190.4	189.1
67.5°	221.4	221.9	223.9	225.7	223.9	221.9	221.4	220.3	218.9	217.6	216.2
65°	252.4	252.5	254.4	256.3	254.4	252.5	252.4	251.6	250.0	248.5	246.7
62.5°	285.5	285.8	287.8	289.8	287.8	285.8	285.5	284.4	282.5	281.0	279.3
60°	316.2	316.5	317.2	317.6	317.2	316.5	316.2	315.1	313.3	311.2	309.0
57.5°	336.8	336.5	336.8	337.1	336.8	336.5	336.8	336.6	335.8	334.9	333.2
55°	357.2	356.3	355.2	353.8	355.2	356.3	357.2	357.4	356.7	355.5	353.7
52.5°	380.3	378.8	377.5	376.1	377.5	378.8	380.3	380.8	380.2	378.2	375.5
50°	405.2	403.8	402.6	401.2	402.6	403.8	405.2	405.6	404.9	402.9	399.6
47.5°	438.3	438.8	438.6	437.4	438.6	438.8	438.3	436.5	434.0	430.5	425.8
45°	478.5	480.1	480.3	479.2	480.3	480.1	478.5	475.1	470.3	464.3	457.4
42.5°	530.9	534.4	536.4	537.7	536.4	534.4	530.9	524.8	516.2	505.1	493.7
40°	605.3	612.4	617.0	621.3	617.0	612.4	605.3	594.0	578.4	559.6	542.1
37.5°	711.9	724.9	730.7	727.2	730.7	724.9	711.9	692.3	665.9	632.9	607.6
35°	880.6	905.4	918.4	919.4	918.4	905.4	880.6	843.4	795.1	742.8	701.6
32.5°	1174.5	1225.4	1252.7	1256.5	1252.7	1225.4	1174.5	1101.2	1002.0	911.2	840.9
30°	1739.8	1843.5	1892.2	1880.6	1892.2	1843.5	1739.8	1579.3	1369.6	1213.8	1063.3
27.5°	2838.5	3097.1	3250.3	3262.5	3250.3	3097.1	2838.5	2479.1	2016.8	1757.2	1429.3
25°	4562.2	5003.6	5286.3	5290.8	5286.3	5003.6	4562.2	3968.1	3297.3	2713.7	2057.6
22.5°	6768.9	7371.6	7701.7	7759.3	7701.7	7371.6	6768.9	5957.6	5080.1	4120.1	3147.5
20°	9325.6	10127.2	10556.1	10556.6	10556.1	10127.2	9325.6	8249.2	7140.5	5824.8	4533.5
17.5°	12474.2	13775.9	14593.0	14944.8	14593.0	13775.9	12474.2	10907.8	9449.6	7770.8	6083.8
15°	16657.2	18844.6	20155.4	20391.6	20155.4	18844.6	16657.2	14383.4	12022.0	9843.3	7721.9
12.5°	21750.5	24518.7	26379.6	27061.6	26379.6	24518.7	21750.5	18557.3	14875.9	11983.1	9392.5
10°	27068.3	29633.2	31626.8	32296.7	31626.8	29633.2	27068.3	23018.0	18577.4	14230.2	10869.9
7.5°	30910.0	33968.6	36214.2	37200.3	36214.2	33968.6	30910.0	26886.4	21812.8	16636.2	12444.0
5°	33942.7	37561.7	39652.1	40579.8	39652.1	37561.7	33942.7	29641.5	24461.1	18664.2	13604.4
2.5°	35932.5	39508.4	41722.0	42577.5	41722.0	39508.4	35932.5	31392.0	26146.9	19907.2	14341.9
0°	36676.5	40173.1	42360.2	43405.0	42360.2	40173.1	36676.5	31828.6	26604.7	20202.2	14588.1
-2.5°	35932.5	39508.4	41722.0	42577.5	41722.0	39508.4	35932.5	31392.0	26146.9	19907.2	14341.9
-5°	33942.7	37561.7	39652.1	40579.8	39652.1	37561.7	33942.7	29641.5	24461.1	18664.2	13604.4
-7.5°	30910.0	33968.6	36214.2	37200.3	36214.2	33968.6	30910.0	26886.4	21812.8	16636.2	12444.0
-10°	27068.3	29633.2	31626.8	32296.7	31626.8	29633.2	27068.3	23018.0	18577.4	14230.2	10869.9
-12.5°	21750.5	24518.7	26379.6	27061.6	26379.6	24518.7	21750.5	18557.3	14875.9	11983.1	9392.5
-15°	16657.2	18844.6	20155.4	20391.6	20155.4	18844.6	16657.2	14383.4	12022.0	9843.3	7721.9
-17.5°	12474.2	13775.9	14593.0	14944.8	14593.0	13775.9	12474.2	10907.8	9449.6	7770.8	6083.8
-20°	9325.6	10127.2	10556.1	10556.6	10556.1	10127.2	9325.6	8249.2	7140.5	5824.8	4533.5

Classified

Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P627015 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	6768.9	7371.6	7701.7	7759.3	7701.7	7371.6	6768.9	5957.6	5080.1	4120.1	3147.5
-25°	4562.2	5003.6	5286.3	5290.8	5286.3	5003.6	4562.2	3968.1	3297.3	2713.7	2057.6
-27.5°	2838.5	3097.1	3250.3	3262.5	3250.3	3097.1	2838.5	2479.1	2016.8	1757.2	1429.3
-30°	1739.8	1843.5	1892.2	1880.6	1892.2	1843.5	1739.8	1579.3	1369.6	1213.8	1063.3
-32.5°	1174.5	1225.4	1252.7	1256.5	1252.7	1225.4	1174.5	1101.2	1002.0	911.2	840.9
-35°	880.6	905.4	918.4	919.4	918.4	905.4	880.6	843.4	795.1	742.8	701.6
-37.5°	711.9	724.9	730.7	727.2	730.7	724.9	711.9	692.3	665.9	632.9	607.6
-40°	605.3	612.4	617.0	621.3	617.0	612.4	605.3	594.0	578.4	559.6	542.1
-42.5°	530.9	534.4	536.4	537.7	536.4	534.4	530.9	524.8	516.2	505.1	493.7
-45°	478.5	480.1	480.3	479.2	480.3	480.1	478.5	475.1	470.3	464.3	457.4
-47.5°	438.3	438.8	438.6	437.4	438.6	438.8	438.3	436.5	434.0	430.5	425.8
-50°	405.2	403.8	402.6	401.2	402.6	403.8	405.2	405.6	404.9	402.9	399.6
-52.5°	380.3	378.8	377.5	376.1	377.5	378.8	380.3	380.8	380.2	378.2	375.5
-55°	357.2	356.3	355.2	353.8	355.2	356.3	357.2	357.4	356.7	355.5	353.7
-57.5°	336.8	336.5	336.8	337.1	336.8	336.5	336.8	336.6	335.8	334.9	333.2
-60°	316.2	316.5	317.2	317.6	317.2	316.5	316.2	315.1	313.3	311.2	309.0
-62.5°	285.5	285.8	287.8	289.8	287.8	285.8	285.5	284.4	282.5	281.0	279.3
-65°	252.4	252.5	254.4	256.3	254.4	252.5	252.4	251.6	250.0	248.5	246.7
-67.5°	221.4	221.9	223.9	225.7	223.9	221.9	221.4	220.3	218.9	217.6	216.2
-70°	191.9	191.5	193.3	195.0	193.3	191.5	191.9	191.8	191.3	190.4	189.1
-72.5°	164.2	163.8	164.2	164.4	164.2	163.8	164.2	164.2	163.8	162.8	161.6
-75°	135.8	135.9	136.3	136.5	136.3	135.9	135.8	135.4	134.7	133.7	132.9
-77.5°	108.2	108.2	108.6	108.7	108.6	108.2	108.2	108.0	107.5	106.7	105.5
-80°	80.6	80.4	80.7	80.8	80.7	80.4	80.6	80.6	80.3	79.8	78.5
-82.5°	55.1	55.4	55.6	55.7	55.6	55.4	55.1	54.5	53.9	53.2	52.9
-85°	30.3	30.5	30.6	30.6	30.6	30.5	30.3	30.0	29.7	29.3	29.4
-87.5°	11.0	11.1	11.1	11.1	11.1	11.1	11.0	10.9	10.8	10.7	10.6
-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: P627015 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.4	10.3	10.1	9.8	9.6	9.4	9.1	8.8	8.5	8.2	7.8
85°	29.5	29.4	29.2	28.3	27.4	26.4	25.3	24.2	22.9	21.7	20.3
82.5°	52.6	52.1	51.4	49.5	47.5	45.5	43.5	41.8	40.0	38.1	36.0
80°	77.2	75.7	74.1	71.8	69.2	66.4	63.3	60.4	57.3	54.4	51.7
77.5°	104.0	102.0	99.7	96.7	93.4	89.9	86.2	82.3	78.5	74.5	70.2
75°	131.6	129.8	127.3	123.7	119.8	115.5	110.8	105.5	100.2	94.9	89.7
72.5°	159.9	157.9	155.0	150.8	146.1	141.1	135.7	129.7	123.0	115.8	109.3
70°	187.3	185.1	182.3	178.5	173.8	168.3	161.9	154.8	147.4	139.6	131.6
67.5°	214.2	211.5	208.5	205.1	201.0	195.8	188.9	180.8	172.2	163.4	154.3
65°	244.1	240.6	236.8	233.3	228.9	223.6	216.5	208.7	199.3	188.5	176.8
62.5°	276.8	273.7	268.2	262.4	256.6	250.5	242.5	234.0	225.3	215.3	201.4
60°	306.8	303.8	296.7	289.6	282.6	275.1	266.1	257.0	248.0	237.0	224.3
57.5°	330.7	326.1	319.5	312.6	305.8	296.6	287.0	278.0	268.1	257.5	245.7
55°	351.2	346.1	339.3	331.9	324.0	314.9	305.3	295.1	285.6	276.9	264.8
52.5°	372.1	365.7	358.3	350.4	341.6	331.8	321.6	310.9	301.6	292.6	282.4
50°	394.9	386.7	377.9	368.7	359.3	348.7	337.6	326.3	317.4	308.0	297.8
47.5°	419.3	409.7	399.2	388.7	377.8	366.4	354.4	342.2	332.4	322.7	312.2
45°	448.0	435.8	422.3	410.2	397.3	384.7	371.8	359.2	346.9	336.0	325.9
42.5°	481.3	466.8	451.4	435.0	418.4	403.9	389.3	375.8	362.1	349.0	337.2
40°	523.2	502.0	484.2	463.8	444.2	424.3	408.4	392.1	377.1	362.3	348.8
37.5°	578.4	548.9	523.2	496.7	473.2	449.7	429.3	410.7	392.1	376.2	361.0
35°	653.0	611.6	571.3	537.2	505.6	477.9	452.0	430.2	409.7	390.2	373.2
32.5°	758.5	697.9	633.2	587.1	543.7	507.7	477.3	450.2	426.7	405.3	385.8
30°	924.1	817.1	725.3	647.4	591.3	542.3	503.0	471.2	443.6	419.8	398.1
27.5°	1193.9	975.9	848.9	732.3	645.7	584.6	533.5	492.0	460.0	434.0	410.3
25°	1631.5	1263.5	1006.5	845.4	719.9	629.6	566.4	517.0	477.8	446.8	419.0
22.5°	2272.5	1698.1	1255.8	975.1	810.7	691.2	605.3	541.6	493.7	457.7	427.5
20°	3283.3	2258.5	1618.9	1185.1	917.4	750.3	646.5	570.4	513.2	469.6	435.1
17.5°	4493.9	3125.2	2030.2	1411.2	1055.6	835.5	694.6	598.1	530.4	480.3	441.5
15°	5714.0	4031.8	2662.1	1739.0	1206.4	910.1	736.0	622.0	547.2	492.0	449.5
12.5°	7061.3	5003.0	3222.7	2010.1	1361.8	999.9	788.7	654.2	565.6	503.7	457.2
10°	8225.1	5910.2	3896.7	2444.4	1566.2	1094.1	837.1	681.8	580.9	513.2	463.2
7.5°	9273.0	6685.3	4461.9	2783.3	1724.8	1168.7	875.9	703.8	592.5	520.1	467.5
5°	10016.7	7277.6	4916.5	3039.3	1838.2	1220.5	902.8	719.4	600.1	524.5	470.0
2.5°	10480.7	7634.1	5213.0	3191.3	1893.7	1248.9	919.8	728.3	606.5	529.2	471.4
0°	10523.2	7608.9	5254.6	3265.3	1858.3	1253.8	927.8	730.0	610.2	532.1	470.9
-2.5°	10480.7	7634.1	5213.0	3191.3	1893.7	1248.9	919.8	728.3	606.5	529.2	471.4
-5°	10016.7	7277.6	4916.5	3039.3	1838.2	1220.5	902.8	719.4	600.1	524.5	470.0
-7.5°	9273.0	6685.3	4461.9	2783.3	1724.8	1168.7	875.9	703.8	592.5	520.1	467.5
-10°	8225.1	5910.2	3896.7	2444.4	1566.2	1094.1	837.1	681.8	580.9	513.2	463.2
-12.5°	7061.3	5003.0	3222.7	2010.1	1361.8	999.9	788.7	654.2	565.6	503.7	457.2
-15°	5714.0	4031.8	2662.1	1739.0	1206.4	910.1	736.0	622.0	547.2	492.0	449.5
-17.5°	4493.9	3125.2	2030.2	1411.2	1055.6	835.5	694.6	598.1	530.4	480.3	441.5
-20°	3283.3	2258.5	1618.9	1185.1	917.4	750.3	646.5	570.4	513.2	469.6	435.1

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REPORT NUMBER: P627015 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-727-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2272.5	1698.1	1255.8	975.1	810.7	691.2	605.3	541.6	493.7	457.7	427.5
-25°	1631.5	1263.5	1006.5	845.4	719.9	629.6	566.4	517.0	477.8	446.8	419.0
-27.5°	1193.9	975.9	848.9	732.3	645.7	584.6	533.5	492.0	460.0	434.0	410.3
-30°	924.1	817.1	725.3	647.4	591.3	542.3	503.0	471.2	443.6	419.8	398.1
-32.5°	758.5	697.9	633.2	587.1	543.7	507.7	477.3	450.2	426.7	405.3	385.8
-35°	653.0	611.6	571.3	537.2	505.6	477.9	452.0	430.2	409.7	390.2	373.2
-37.5°	578.4	548.9	523.2	496.7	473.2	449.7	429.3	410.7	392.1	376.2	361.0
-40°	523.2	502.0	484.2	463.8	444.2	424.3	408.4	392.1	377.1	362.3	348.8
-42.5°	481.3	466.8	451.4	435.0	418.4	403.9	389.3	375.8	362.1	349.0	337.2
-45°	448.0	435.8	422.3	410.2	397.3	384.7	371.8	359.2	346.9	336.0	325.9
-47.5°	419.3	409.7	399.2	388.7	377.8	366.4	354.4	342.2	332.4	322.7	312.2
-50°	394.9	386.7	377.9	368.7	359.3	348.7	337.6	326.3	317.4	308.0	297.8
-52.5°	372.1	365.7	358.3	350.4	341.6	331.8	321.6	310.9	301.6	292.6	282.4
-55°	351.2	346.1	339.3	331.9	324.0	314.9	305.3	295.1	285.6	276.9	264.8
-57.5°	330.7	326.1	319.5	312.6	305.8	296.6	287.0	278.0	268.1	257.5	245.7
-60°	306.8	303.8	296.7	289.6	282.6	275.1	266.1	257.0	248.0	237.0	224.3
-62.5°	276.8	273.7	268.2	262.4	256.6	250.5	242.5	234.0	225.3	215.3	201.4
-65°	244.1	240.6	236.8	233.3	228.9	223.6	216.5	208.7	199.3	188.5	176.8
-67.5°	214.2	211.5	208.5	205.1	201.0	195.8	188.9	180.8	172.2	163.4	154.3
-70°	187.3	185.1	182.3	178.5	173.8	168.3	161.9	154.8	147.4	139.6	131.6
-72.5°	159.9	157.9	155.0	150.8	146.1	141.1	135.7	129.7	123.0	115.8	109.3
-75°	131.6	129.8	127.3	123.7	119.8	115.5	110.8	105.5	100.2	94.9	89.7
-77.5°	104.0	102.0	99.7	96.7	93.4	89.9	86.2	82.3	78.5	74.5	70.2
-80°	77.2	75.7	74.1	71.8	69.2	66.4	63.3	60.4	57.3	54.4	51.7
-82.5°	52.6	52.1	51.4	49.5	47.5	45.5	43.5	41.8	40.0	38.1	36.0
-85°	29.5	29.4	29.2	28.3	27.4	26.4	25.3	24.2	22.9	21.7	20.3
-87.5°	10.4	10.3	10.1	9.8	9.6	9.4	9.1	8.8	8.5	8.2	7.8
-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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REPORT NUMBER: P627015 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	7.5	7.1	6.8	6.4	6.0	5.5	5.1	4.7	4.2	3.8	3.3
85°	18.9	17.4	15.9	14.4	12.7	11.1	10.2	9.4	8.5	7.6	6.7
82.5°	33.9	31.7	29.5	27.1	24.7	22.2	19.6	17.0	14.2	11.6	10.0
80°	48.9	46.0	42.9	39.8	36.7	33.2	29.8	26.3	22.4	18.6	15.1
77.5°	65.8	61.2	56.5	52.6	49.0	45.0	40.6	35.7	30.4	25.6	21.0
75°	84.4	78.9	73.2	67.5	62.2	56.7	51.8	46.0	39.4	32.6	26.8
72.5°	103.5	97.1	90.2	83.2	76.8	70.2	63.5	56.2	48.6	40.8	33.0
70°	123.7	115.8	108.1	100.1	92.0	83.7	75.9	67.2	57.7	48.9	40.1
67.5°	144.7	135.3	126.1	117.0	107.7	98.2	88.4	78.2	67.6	56.9	47.1
65°	166.1	155.1	143.8	133.7	123.3	112.6	101.7	89.3	77.4	65.7	54.0
62.5°	188.0	175.2	162.7	150.4	138.6	126.8	114.6	100.7	87.1	74.2	61.2
60°	210.0	195.2	181.2	167.5	154.0	140.8	127.0	111.7	96.9	82.6	68.6
57.5°	231.1	214.8	198.8	183.9	169.2	154.6	139.2	122.7	106.4	90.9	75.7
55°	251.6	235.0	216.2	199.2	183.6	168.1	150.9	133.5	115.7	98.9	82.7
52.5°	269.6	253.1	233.7	214.2	196.7	180.4	162.1	143.9	125.1	106.6	89.4
50°	286.0	269.3	249.7	229.2	209.3	191.3	172.8	153.6	134.2	114.2	95.9
47.5°	300.1	284.1	264.8	243.3	222.1	201.7	182.5	162.7	143.0	122.0	102.2
45°	312.9	298.4	279.3	257.2	233.9	212.3	191.7	171.4	150.8	129.5	108.3
42.5°	324.9	310.7	293.3	270.8	245.9	222.4	200.4	179.4	158.0	136.6	114.3
40°	335.7	321.5	306.3	283.5	257.4	231.9	209.0	186.9	164.9	143.2	120.2
37.5°	346.4	331.7	316.0	295.3	268.1	241.6	217.0	194.0	171.5	149.0	125.6
35°	357.4	341.7	324.5	304.6	278.3	250.6	224.4	200.6	177.6	154.5	130.8
32.5°	367.9	350.6	332.2	312.5	287.8	258.7	231.6	207.1	183.4	159.6	135.5
30°	378.2	357.9	339.1	320.5	296.1	266.7	238.6	213.1	188.8	164.4	139.8
27.5°	386.0	364.3	345.2	326.8	303.1	274.1	245.4	218.7	193.7	168.7	143.6
25°	393.1	370.4	350.4	331.8	309.9	281.7	251.7	223.8	198.2	172.7	147.0
22.5°	400.2	375.7	354.8	336.0	316.4	288.5	257.6	228.9	202.3	176.3	150.2
20°	406.3	380.0	358.3	339.9	320.8	293.8	263.2	233.4	205.9	179.4	152.9
17.5°	411.6	384.4	362.1	343.1	323.7	298.4	268.0	237.3	209.1	182.2	155.3
15°	416.9	389.0	365.3	345.6	326.3	302.0	272.2	240.7	211.7	184.5	157.5
12.5°	421.4	392.3	367.8	347.4	328.5	304.9	275.6	243.5	213.9	186.7	159.6
10°	425.0	394.5	369.6	348.5	330.2	307.0	278.3	246.0	216.5	188.7	161.3
7.5°	427.4	395.6	370.6	349.0	331.4	308.9	280.9	248.8	218.8	190.2	162.7
5°	429.1	396.1	371.2	350.0	332.1	310.6	282.7	251.0	220.7	191.3	163.6
2.5°	431.1	396.3	371.3	350.8	332.1	311.6	283.8	252.6	222.0	192.0	164.2
0°	431.8	395.6	370.6	351.1	331.5	312.0	284.2	253.5	222.9	192.2	164.4
-2.5°	431.1	396.3	371.3	350.8	332.1	311.6	283.8	252.6	222.0	192.0	164.2
-5°	429.1	396.1	371.2	350.0	332.1	310.6	282.7	251.0	220.7	191.3	163.6
-7.5°	427.4	395.6	370.6	349.0	331.4	308.9	280.9	248.8	218.8	190.2	162.7
-10°	425.0	394.5	369.6	348.5	330.2	307.0	278.3	246.0	216.5	188.7	161.3
-12.5°	421.4	392.3	367.8	347.4	328.5	304.9	275.6	243.5	213.9	186.7	159.6
-15°	416.9	389.0	365.3	345.6	326.3	302.0	272.2	240.7	211.7	184.5	157.5
-17.5°	411.6	384.4	362.1	343.1	323.7	298.4	268.0	237.3	209.1	182.2	155.3
-20°	406.3	380.0	358.3	339.9	320.8	293.8	263.2	233.4	205.9	179.4	152.9

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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°	400.2	375.7	354.8	336.0	316.4	288.5	257.6	228.9	202.3	176.3	150.2
-25°	393.1	370.4	350.4	331.8	309.9	281.7	251.7	223.8	198.2	172.7	147.0
-27.5°	386.0	364.3	345.2	326.8	303.1	274.1	245.4	218.7	193.7	168.7	143.6
-30°	378.2	357.9	339.1	320.5	296.1	266.7	238.6	213.1	188.8	164.4	139.8
-32.5°	367.9	350.6	332.2	312.5	287.8	258.7	231.6	207.1	183.4	159.6	135.5
-35°	357.4	341.7	324.5	304.6	278.3	250.6	224.4	200.6	177.6	154.5	130.8
-37.5°	346.4	331.7	316.0	295.3	268.1	241.6	217.0	194.0	171.5	149.0	125.6
-40°	335.7	321.5	306.3	283.5	257.4	231.9	209.0	186.9	164.9	143.2	120.2
-42.5°	324.9	310.7	293.3	270.8	245.9	222.4	200.4	179.4	158.0	136.6	114.3
-45°	312.9	298.4	279.3	257.2	233.9	212.3	191.7	171.4	150.8	129.5	108.3
-47.5°	300.1	284.1	264.8	243.3	222.1	201.7	182.5	162.7	143.0	122.0	102.2
-50°	286.0	269.3	249.7	229.2	209.3	191.3	172.8	153.6	134.2	114.2	95.9
-52.5°	269.6	253.1	233.7	214.2	196.7	180.4	162.1	143.9	125.1	106.6	89.4
-55°	251.6	235.0	216.2	199.2	183.6	168.1	150.9	133.5	115.7	98.9	82.7
-57.5°	231.1	214.8	198.8	183.9	169.2	154.6	139.2	122.7	106.4	90.9	75.7
-60°	210.0	195.2	181.2	167.5	154.0	140.8	127.0	111.7	96.9	82.6	68.6
-62.5°	188.0	175.2	162.7	150.4	138.6	126.8	114.6	100.7	87.1	74.2	61.2
-65°	166.1	155.1	143.8	133.7	123.3	112.6	101.7	89.3	77.4	65.7	54.0
-67.5°	144.7	135.3	126.1	117.0	107.7	98.2	88.4	78.2	67.6	56.9	47.1
-70°	123.7	115.8	108.1	100.1	92.0	83.7	75.9	67.2	57.7	48.9	40.1
-72.5°	103.5	97.1	90.2	83.2	76.8	70.2	63.5	56.2	48.6	40.8	33.0
-75°	84.4	78.9	73.2	67.5	62.2	56.7	51.8	46.0	39.4	32.6	26.8
-77.5°	65.8	61.2	56.5	52.6	49.0	45.0	40.6	35.7	30.4	25.6	21.0
-80°	48.9	46.0	42.9	39.8	36.7	33.2	29.8	26.3	22.4	18.6	15.1
-82.5°	33.9	31.7	29.5	27.1	24.7	22.2	19.6	17.0	14.2	11.6	10.0
-85°	18.9	17.4	15.9	14.4	12.7	11.1	10.2	9.4	8.5	7.6	6.7
-87.5°	7.5	7.1	6.8	6.4	6.0	5.5	5.1	4.7	4.2	3.8	3.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.9	2.4	1.9	1.4	1.0	0.5	0.0
85°	5.7	4.8	3.9	2.9	1.9	1.0	0.0
82.5°	8.6	7.2	5.8	4.3	2.9	1.4	0.0
80°	11.7	9.6	7.7	5.8	3.9	1.9	0.0
77.5°	16.6	12.5	9.6	7.2	4.8	2.4	0.0
75°	21.6	16.6	11.7	8.6	5.7	2.9	0.0
72.5°	26.4	20.7	14.9	10.0	6.7	3.3	0.0
70°	31.4	24.7	18.2	11.6	7.6	3.8	0.0
67.5°	37.5	28.7	21.3	13.9	8.5	4.2	0.0
65°	43.4	33.1	24.4	16.3	9.4	4.7	0.0
62.5°	49.3	38.0	27.5	18.6	10.2	5.1	0.0
60°	55.1	42.8	30.5	20.8	11.1	5.5	0.0
57.5°	61.1	47.4	34.1	23.0	12.5	6.0	0.0
55°	67.0	52.0	37.8	25.1	14.0	6.4	0.0
52.5°	72.6	56.5	41.3	27.1	15.3	6.8	0.0
50°	78.1	61.0	44.7	29.1	16.7	7.1	0.0
47.5°	83.3	65.3	48.0	31.2	17.9	7.5	0.0
45°	88.5	69.4	51.2	33.6	19.2	7.8	0.0
42.5°	93.4	73.3	54.3	35.8	20.3	8.2	0.0
40°	98.1	76.9	57.2	38.0	21.5	8.5	0.0
37.5°	102.6	80.4	60.0	40.0	22.5	8.8	0.0
35°	106.8	83.8	62.6	41.9	23.5	9.1	0.0
32.5°	110.8	87.1	65.0	43.6	24.5	9.4	0.0
30°	114.6	90.1	67.2	45.2	25.4	9.6	0.0
27.5°	118.0	93.0	69.3	46.6	26.2	9.8	0.0
25°	121.1	95.5	71.2	47.9	26.9	10.1	0.0
22.5°	123.9	97.9	72.9	49.0	27.6	10.3	0.0
20°	126.3	99.9	74.5	50.0	28.2	10.4	0.0
17.5°	128.5	101.6	75.9	50.9	28.8	10.6	0.0
15°	130.6	103.1	77.2	51.6	29.3	10.7	0.0
12.5°	132.3	104.2	78.2	52.2	29.7	10.8	0.0
10°	133.8	105.1	79.1	52.6	30.0	10.9	0.0
7.5°	135.0	105.7	79.9	52.9	30.3	11.0	0.0
5°	135.8	106.0	80.4	53.0	30.5	11.1	0.0
2.5°	136.3	106.1	80.7	53.0	30.6	11.1	0.0
0°	136.5	105.9	80.8	52.9	30.6	11.1	0.0
-2.5°	136.3	106.1	80.7	53.0	30.6	11.1	0.0
-5°	135.8	106.0	80.4	53.0	30.5	11.1	0.0
-7.5°	135.0	105.7	79.9	52.9	30.3	11.0	0.0
-10°	133.8	105.1	79.1	52.6	30.0	10.9	0.0
-12.5°	132.3	104.2	78.2	52.2	29.7	10.8	0.0
-15°	130.6	103.1	77.2	51.6	29.3	10.7	0.0
-17.5°	128.5	101.6	75.9	50.9	28.8	10.6	0.0
-20°	126.3	99.9	74.5	50.0	28.2	10.4	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	123.9	97.9	72.9	49.0	27.6	10.3	0.0
-25°	121.1	95.5	71.2	47.9	26.9	10.1	0.0
-27.5°	118.0	93.0	69.3	46.6	26.2	9.8	0.0
-30°	114.6	90.1	67.2	45.2	25.4	9.6	0.0
-32.5°	110.8	87.1	65.0	43.6	24.5	9.4	0.0
-35°	106.8	83.8	62.6	41.9	23.5	9.1	0.0
-37.5°	102.6	80.4	60.0	40.0	22.5	8.8	0.0
-40°	98.1	76.9	57.2	38.0	21.5	8.5	0.0
-42.5°	93.4	73.3	54.3	35.8	20.3	8.2	0.0
-45°	88.5	69.4	51.2	33.6	19.2	7.8	0.0
-47.5°	83.3	65.3	48.0	31.2	17.9	7.5	0.0
-50°	78.1	61.0	44.7	29.1	16.7	7.1	0.0
-52.5°	72.6	56.5	41.3	27.1	15.3	6.8	0.0
-55°	67.0	52.0	37.8	25.1	14.0	6.4	0.0
-57.5°	61.1	47.4	34.1	23.0	12.5	6.0	0.0
-60°	55.1	42.8	30.5	20.8	11.1	5.5	0.0
-62.5°	49.3	38.0	27.5	18.6	10.2	5.1	0.0
-65°	43.4	33.1	24.4	16.3	9.4	4.7	0.0
-67.5°	37.5	28.7	21.3	13.9	8.5	4.2	0.0
-70°	31.4	24.7	18.2	11.6	7.6	3.8	0.0
-72.5°	26.4	20.7	14.9	10.0	6.7	3.3	0.0
-75°	21.6	16.6	11.7	8.6	5.7	2.9	0.0
-77.5°	16.6	12.5	9.6	7.2	4.8	2.4	0.0
-80°	11.7	9.6	7.7	5.8	3.9	1.9	0.0
-82.5°	8.6	7.2	5.8	4.3	2.9	1.4	0.0
-85°	5.7	4.8	3.9	2.9	1.9	1.0	0.0
-87.5°	2.9	2.4	1.9	1.4	1.0	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)