

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: P627019 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627019 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2E-727-U-NR-XX
Description: GALLEON FLOOD, TWO LIGHT SQUARE, NARROW SYMMETRICAL ROUND N40
Light Source: (32) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13807 lumens
Efficiency: N/A
Efficacy: 109.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 3H x 3V
Max Intensity: 130027.3 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.7°H x 13.6°V
Beam Lumens: 4082.1 lumens
Beam Efficiency: 29.6%

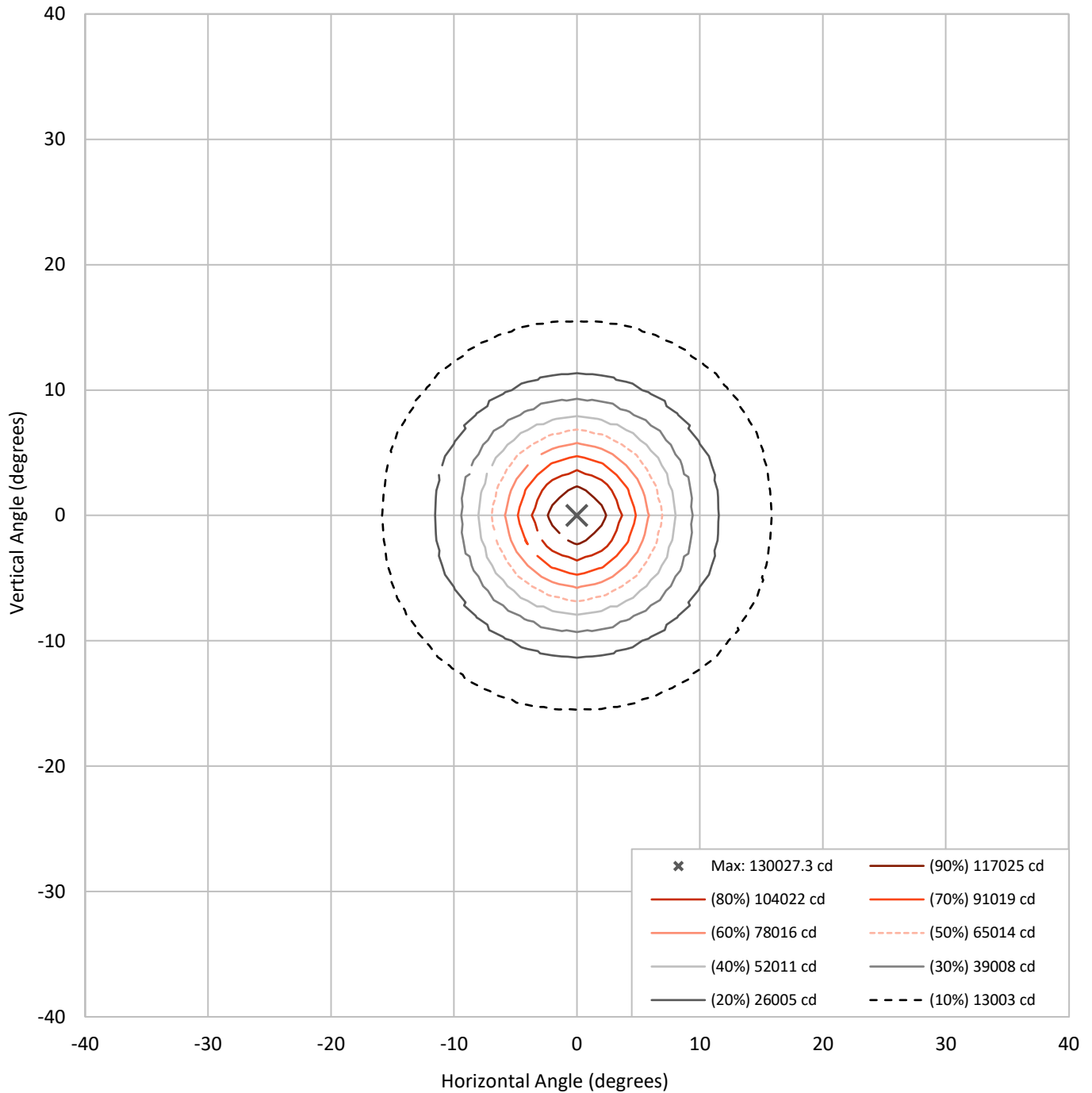
Field Angle (10%): 31.6°H x 30.6°V
Field Lumens: 9186.4 lumens
Field Efficiency: 66.5%

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



REPORT NUMBER: P627019 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





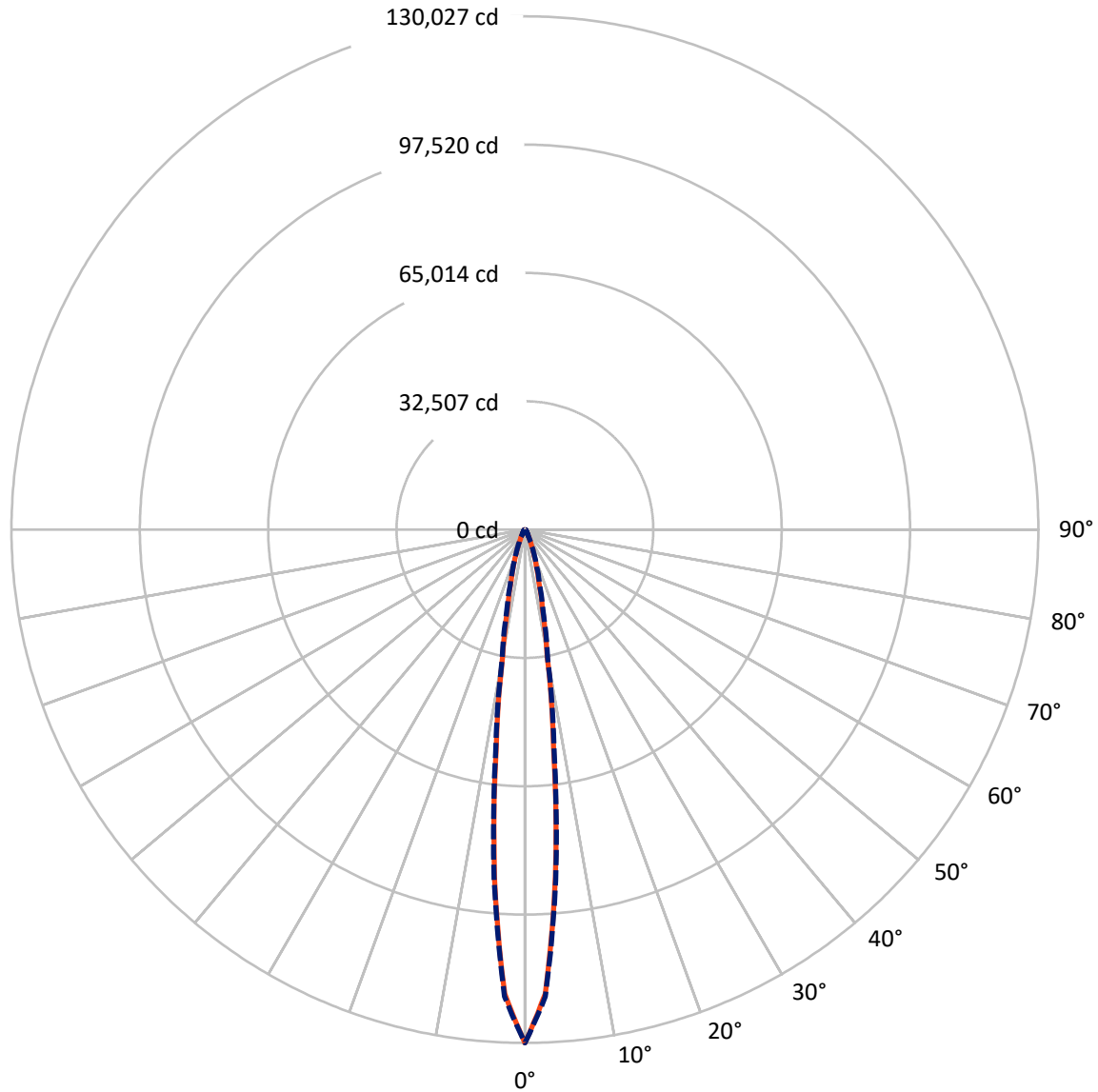
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Lumen Table

90	0.2	1.9	5.0	8.0	8.8	8.0	5.0	1.9	0.2							
80	0.2	1.9	5.0	8.0	8.8	8.0	5.0	1.9	0.2							
70	0.9	1.0	2.0	3.3	4.6	5.7	6.4	6.7	6.7	6.4	5.7	4.6	3.3	2.0	1.0	0.9
60		1.5	3.0	4.9	6.5	8.0	8.9	9.3	9.3	8.9	8.0	6.5	4.9	3.0	1.5	
50	1.5	1.9	3.9	6.0	8.0	10.0	11.8	12.7	12.7	11.8	10.0	8.0	6.0	3.9	1.9	1.5
40		2.3	4.6	6.9	9.8	14.1	19.9	24.6	24.6	19.9	14.1	9.8	6.9	4.6	2.3	
30	2.0	2.6	5.0	7.8	12.7	25.2	57.4	95.1	95.1	57.4	25.2	12.7	7.8	5.0	2.6	2.0
20		2.8	5.2	8.6	16.9	53.6	190.2	409.7	409.7	190.2	53.6	16.9	8.6	5.2	2.8	
10	2.1	2.9	5.4	9.1	20.4	88.3	413.5	1786.2	1786.2	413.5	88.3	20.4	9.1	5.4	2.9	2.1
0		2.9	5.4	9.1	20.4	88.3	413.5	1786.2	1786.2	413.5	88.3	20.4	9.1	5.4	2.9	
-10	2.0	2.8	5.2	8.6	16.9	53.6	190.2	409.7	409.7	190.2	53.6	16.9	8.6	5.2	2.8	2.0
-20		2.6	5.0	7.8	12.7	25.2	57.4	95.1	95.1	57.4	25.2	12.7	7.8	5.0	2.6	
-30	1.5	2.3	4.6	6.9	9.8	14.1	19.9	24.6	24.6	19.9	14.1	9.8	6.9	4.6	2.3	1.5
-40		1.9	3.9	6.0	8.0	10.0	11.8	12.7	12.7	11.8	10.0	8.0	6.0	3.9	1.9	
-50	0.9	1.5	3.0	4.9	6.5	8.0	8.9	9.3	9.3	8.9	8.0	6.5	4.9	3.0	1.5	0.9
-60		1.0	2.0	3.3	4.6	5.7	6.4	6.7	6.7	6.4	5.7	4.6	3.3	2.0	1.0	
-70	0.2	1.9	5.0	8.0	8.8	8.0	5.0	1.9	0.2							
-80		0.2	1.9	5.0	8.0	8.8	8.0	5.0	1.9	0.2						
-90	0.2	1.9	5.0	8.0	8.8	8.0	5.0	1.9	0.2							

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Luminous Intensity Polar Plot

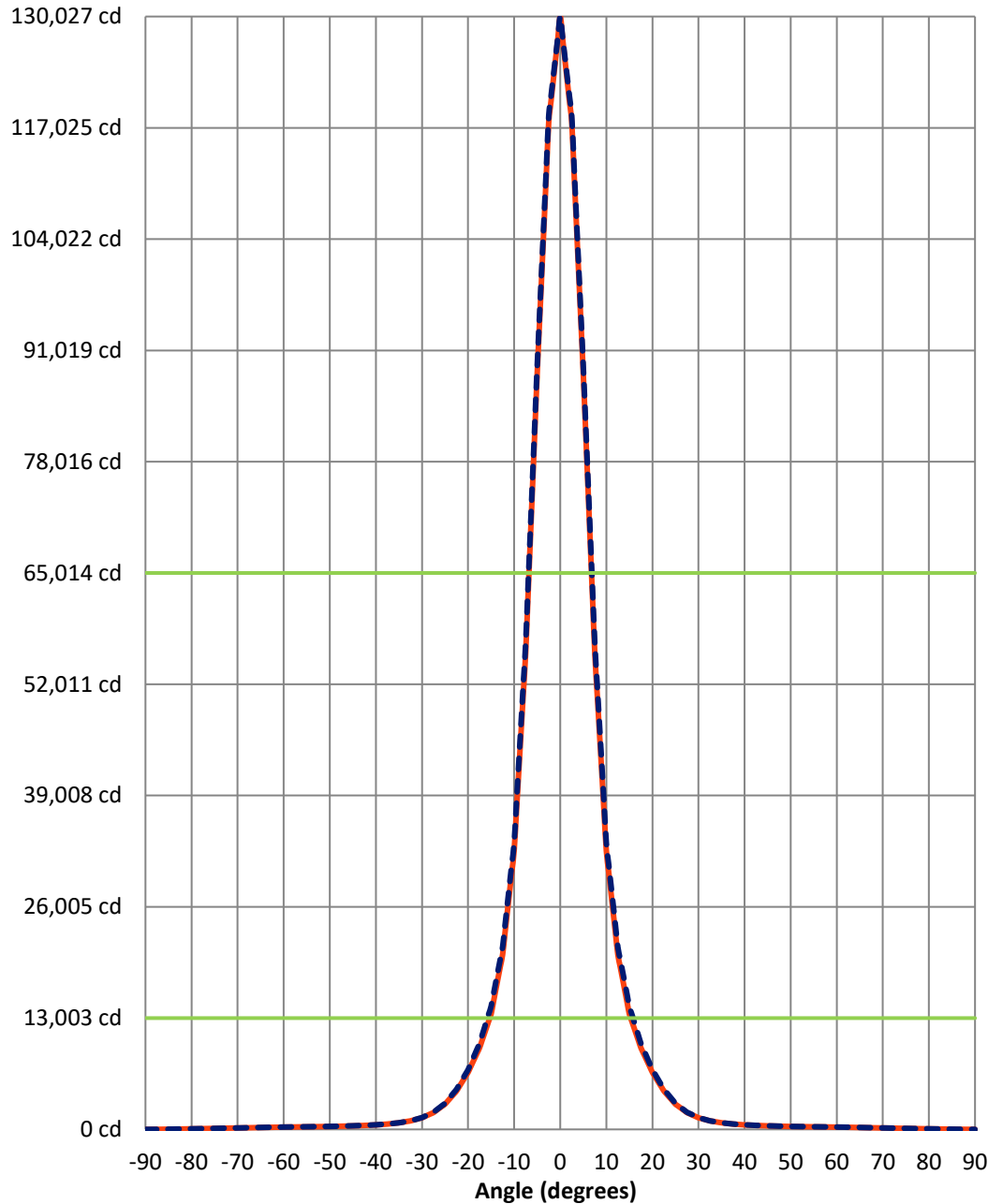


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 4082.1
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 9186.4
 Efficiency: 66.5%

Spill:
 Lumens: 4620.6
 Efficiency: 33.5%

— 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	0.4	1.0	1.4	1.9	2.4	2.9	3.3	3.8	4.2	4.7
85°	0.0	0.8	1.9	2.9	3.9	4.8	5.7	6.7	7.6	8.5	9.4
82.5°	0.0	1.3	2.9	4.3	5.8	7.2	8.6	10.0	11.5	13.5	15.5
80°	0.0	1.7	3.8	5.8	7.7	9.6	11.6	14.4	17.2	19.9	22.6
77.5°	0.0	2.1	4.8	7.2	9.6	12.3	15.9	19.4	22.8	26.2	29.8
75°	0.0	2.5	5.7	8.6	11.6	15.6	20.0	24.3	28.5	33.2	37.9
72.5°	0.0	2.9	6.6	10.0	14.1	19.0	24.2	29.4	34.9	40.4	45.8
70°	0.0	3.3	7.5	11.4	16.6	22.2	28.3	34.9	41.3	47.6	54.6
67.5°	0.0	3.7	8.3	13.2	19.1	25.4	32.9	40.4	47.6	55.6	63.4
65°	0.0	4.1	9.2	14.9	21.4	28.8	37.5	45.8	54.6	63.4	72.8
62.5°	0.0	4.4	10.0	16.6	23.8	32.6	42.0	51.7	61.5	71.5	83.2
60°	0.0	4.8	10.7	18.3	26.0	36.2	46.4	57.6	68.2	80.5	93.4
57.5°	0.0	5.1	11.7	19.8	28.8	39.8	51.2	63.3	75.7	89.2	103.2
55°	0.0	5.5	12.7	21.4	31.6	43.2	55.9	68.9	83.0	97.6	112.7
52.5°	0.0	5.8	13.7	22.8	34.3	46.6	60.5	74.8	90.1	105.7	121.8
50°	0.0	6.1	14.6	24.2	36.8	50.3	64.9	80.7	96.9	113.4	130.5
47.5°	0.0	6.3	15.5	25.7	39.3	53.9	69.3	86.4	103.3	120.7	139.0
45°	0.0	6.6	16.4	27.5	41.7	57.3	73.9	91.8	109.6	128.2	147.4
42.5°	0.0	6.9	17.3	29.2	44.0	60.6	78.3	97.0	115.5	135.5	155.5
40°	0.0	7.1	18.1	30.9	46.3	63.7	82.6	101.9	121.4	142.6	163.4
37.5°	0.0	7.3	18.9	32.5	48.6	66.6	86.6	106.6	127.2	149.2	171.0
35°	0.0	7.5	19.6	34.0	50.9	69.6	90.3	111.0	132.6	155.3	178.3
32.5°	0.0	7.7	20.3	35.4	52.9	72.6	93.9	115.2	137.6	161.1	184.7
30°	0.0	7.9	21.0	36.7	54.9	75.3	97.2	119.1	142.2	166.5	190.5
27.5°	0.0	8.0	21.6	38.0	56.7	77.8	100.2	122.8	146.4	171.4	195.8
25°	0.0	8.1	22.2	39.1	58.5	80.1	103.0	126.1	150.4	175.8	200.4
22.5°	0.0	8.2	22.7	40.1	60.0	82.2	105.5	129.1	154.0	179.5	204.4
20°	0.0	8.3	23.2	41.1	61.5	84.0	107.8	131.7	157.1	182.8	208.0
17.5°	0.0	8.4	23.6	41.9	62.7	85.5	109.7	133.9	159.9	185.5	211.2
15°	0.0	8.5	24.0	42.6	63.8	86.8	111.2	135.9	162.2	187.7	214.0
12.5°	0.0	8.5	24.3	43.2	64.8	87.8	112.4	137.7	164.2	189.5	216.3
10°	0.0	8.5	24.6	43.7	65.5	88.5	113.4	139.2	165.7	191.3	218.6
7.5°	0.0	8.5	24.8	44.1	66.1	89.0	114.0	140.5	166.8	192.9	221.1
5°	0.0	8.5	25.0	44.4	66.6	89.3	114.4	141.4	167.4	194.0	223.2
2.5°	0.0	8.5	25.1	44.5	66.8	89.3	114.4	141.9	167.5	194.8	224.7
0°	0.0	8.4	25.1	44.6	66.9	89.1	114.2	142.1	167.2	195.0	225.7
-2.5°	0.0	8.5	25.1	44.5	66.8	89.3	114.4	141.9	167.5	194.8	224.7
-5°	0.0	8.5	25.0	44.4	66.6	89.3	114.4	141.4	167.4	194.0	223.2
-7.5°	0.0	8.5	24.8	44.1	66.1	89.0	114.0	140.5	166.8	192.9	221.1
-10°	0.0	8.5	24.6	43.7	65.5	88.5	113.4	139.2	165.7	191.3	218.6
-12.5°	0.0	8.5	24.3	43.2	64.8	87.8	112.4	137.7	164.2	189.5	216.3
-15°	0.0	8.5	24.0	42.6	63.8	86.8	111.2	135.9	162.2	187.7	214.0
-17.5°	0.0	8.4	23.6	41.9	62.7	85.5	109.7	133.9	159.9	185.5	211.2
-20°	0.0	8.3	23.2	41.1	61.5	84.0	107.8	131.7	157.1	182.8	208.0

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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	8.2	22.7	40.1	60.0	82.2	105.5	129.1	154.0	179.5	204.4
-25°	0.0	8.1	22.2	39.1	58.5	80.1	103.0	126.1	150.4	175.8	200.4
-27.5°	0.0	8.0	21.6	38.0	56.7	77.8	100.2	122.8	146.4	171.4	195.8
-30°	0.0	7.9	21.0	36.7	54.9	75.3	97.2	119.1	142.2	166.5	190.5
-32.5°	0.0	7.7	20.3	35.4	52.9	72.6	93.9	115.2	137.6	161.1	184.7
-35°	0.0	7.5	19.6	34.0	50.9	69.6	90.3	111.0	132.6	155.3	178.3
-37.5°	0.0	7.3	18.9	32.5	48.6	66.6	86.6	106.6	127.2	149.2	171.0
-40°	0.0	7.1	18.1	30.9	46.3	63.7	82.6	101.9	121.4	142.6	163.4
-42.5°	0.0	6.9	17.3	29.2	44.0	60.6	78.3	97.0	115.5	135.5	155.5
-45°	0.0	6.6	16.4	27.5	41.7	57.3	73.9	91.8	109.6	128.2	147.4
-47.5°	0.0	6.3	15.5	25.7	39.3	53.9	69.3	86.4	103.3	120.7	139.0
-50°	0.0	6.1	14.6	24.2	36.8	50.3	64.9	80.7	96.9	113.4	130.5
-52.5°	0.0	5.8	13.7	22.8	34.3	46.6	60.5	74.8	90.1	105.7	121.8
-55°	0.0	5.5	12.7	21.4	31.6	43.2	55.9	68.9	83.0	97.6	112.7
-57.5°	0.0	5.1	11.7	19.8	28.8	39.8	51.2	63.3	75.7	89.2	103.2
-60°	0.0	4.8	10.7	18.3	26.0	36.2	46.4	57.6	68.2	80.5	93.4
-62.5°	0.0	4.4	10.0	16.6	23.8	32.6	42.0	51.7	61.5	71.5	83.2
-65°	0.0	4.1	9.2	14.9	21.4	28.8	37.5	45.8	54.6	63.4	72.8
-67.5°	0.0	3.7	8.3	13.2	19.1	25.4	32.9	40.4	47.6	55.6	63.4
-70°	0.0	3.3	7.5	11.4	16.6	22.2	28.3	34.9	41.3	47.6	54.6
-72.5°	0.0	2.9	6.6	10.0	14.1	19.0	24.2	29.4	34.9	40.4	45.8
-75°	0.0	2.5	5.7	8.6	11.6	15.6	20.0	24.3	28.5	33.2	37.9
-77.5°	0.0	2.1	4.8	7.2	9.6	12.3	15.9	19.4	22.8	26.2	29.8
-80°	0.0	1.7	3.8	5.8	7.7	9.6	11.6	14.4	17.2	19.9	22.6
-82.5°	0.0	1.3	2.9	4.3	5.8	7.2	8.6	10.0	11.5	13.5	15.5
-85°	0.0	0.8	1.9	2.9	3.9	4.8	5.7	6.7	7.6	8.5	9.4
-87.5°	0.0	0.4	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	12.3	13.6	14.6	15.5	16.3	16.9	18.0	19.3	20.5
82.5°	17.5	19.4	21.3	23.2	24.4	25.4	26.4	27.8	30.3	32.6	34.8
80°	25.2	27.8	30.7	33.5	35.9	38.3	40.8	43.4	46.1	48.7	51.1
77.5°	33.6	37.4	41.0	44.5	48.0	51.8	55.5	59.0	62.3	65.5	68.6
75°	42.4	46.9	51.8	56.6	61.3	65.8	70.3	75.1	79.6	84.0	88.2
72.5°	51.7	57.6	63.4	69.0	75.1	81.1	86.9	92.5	97.9	103.6	109.6
70°	61.5	68.2	75.8	83.0	89.9	97.0	104.2	110.3	116.2	124.0	132.0
67.5°	71.6	80.8	89.3	97.5	106.6	115.0	122.3	130.1	138.4	147.4	155.3
65°	83.5	93.5	103.4	113.8	124.3	133.0	142.1	151.8	161.2	170.3	178.9
62.5°	95.3	106.6	118.0	129.3	140.0	150.5	161.5	172.3	182.7	193.2	202.4
60°	106.7	119.5	131.5	143.2	155.5	168.5	180.7	192.7	205.1	217.0	223.2
57.5°	117.7	131.3	143.8	157.0	171.4	186.2	199.0	212.5	223.2	231.4	239.4
55°	128.0	142.1	155.9	170.7	186.4	201.7	215.9	228.0	237.8	245.4	253.9
52.5°	137.6	152.5	167.5	183.8	200.3	216.6	231.6	242.9	251.7	259.5	267.4
50°	147.1	162.8	178.6	196.4	214.2	231.5	246.2	256.5	264.9	272.8	281.0
47.5°	156.4	172.9	190.0	208.9	228.1	244.9	258.8	268.2	276.6	285.9	294.9
45°	165.5	183.4	201.5	221.8	241.1	257.3	269.1	278.5	288.9	299.0	308.6
42.5°	174.5	193.7	213.3	234.4	253.1	267.6	278.6	289.8	301.0	311.7	322.6
40°	183.5	203.6	224.4	245.4	264.2	276.7	288.4	300.4	312.8	324.4	336.5
37.5°	192.1	213.0	234.3	255.6	272.7	285.4	297.5	310.8	323.8	336.5	352.2
35°	200.3	221.4	243.0	263.6	280.0	293.2	306.7	320.7	334.4	350.8	368.7
32.5°	207.7	229.0	251.0	270.1	286.2	300.4	315.5	330.2	346.6	365.2	386.7
30°	213.8	235.7	257.7	276.4	292.1	307.1	323.6	339.7	359.0	381.3	406.8
27.5°	219.2	241.7	263.1	281.8	297.8	312.7	330.0	350.4	372.5	397.5	427.5
25°	224.3	247.8	268.2	286.7	302.3	317.9	336.4	359.0	385.6	415.7	452.4
22.5°	229.1	253.6	273.3	291.4	305.8	322.7	343.6	368.1	397.0	432.3	477.0
20°	233.7	258.0	277.5	295.1	308.4	326.9	349.9	376.1	408.9	451.0	502.7
17.5°	237.9	261.7	280.7	297.3	311.9	331.3	355.4	382.6	419.2	468.0	526.3
15°	241.7	264.8	283.3	299.0	315.1	336.0	361.2	390.6	430.7	484.2	547.2
12.5°	245.1	267.3	285.3	300.4	317.6	339.8	366.4	399.0	443.0	500.1	573.8
10°	248.0	269.3	286.7	301.4	319.4	342.8	370.7	405.8	452.7	512.5	594.2
7.5°	250.4	270.8	287.6	301.9	320.7	344.8	374.0	411.0	459.6	521.2	608.9
5°	252.2	272.0	288.8	303.6	322.5	346.4	376.5	414.5	463.6	526.5	618.1
2.5°	253.2	272.8	289.5	305.2	324.5	347.8	378.3	418.4	466.8	531.5	625.1
0°	253.5	273.0	289.7	306.4	325.9	348.2	378.9	420.7	468.0	534.9	629.6
-2.5°	253.2	272.8	289.5	305.2	324.5	347.8	378.3	418.4	466.8	531.5	625.1
-5°	252.2	272.0	288.8	303.6	322.5	346.4	376.5	414.5	463.6	526.5	618.1
-7.5°	250.4	270.8	287.6	301.9	320.7	344.8	374.0	411.0	459.6	521.2	608.9
-10°	248.0	269.3	286.7	301.4	319.4	342.8	370.7	405.8	452.7	512.5	594.2
-12.5°	245.1	267.3	285.3	300.4	317.6	339.8	366.4	399.0	443.0	500.1	573.8
-15°	241.7	264.8	283.3	299.0	315.1	336.0	361.2	390.6	430.7	484.2	547.2
-17.5°	237.9	261.7	280.7	297.3	311.9	331.3	355.4	382.6	419.2	468.0	526.3
-20°	233.7	258.0	277.5	295.1	308.4	326.9	349.9	376.1	408.9	451.0	502.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627019 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-727-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	229.1	253.6	273.3	291.4	305.8	322.7	343.6	368.1	397.0	432.3	477.0
-25°	224.3	247.8	268.2	286.7	302.3	317.9	336.4	359.0	385.6	415.7	452.4
-27.5°	219.2	241.7	263.1	281.8	297.8	312.7	330.0	350.4	372.5	397.5	427.5
-30°	213.8	235.7	257.7	276.4	292.1	307.1	323.6	339.7	359.0	381.3	406.8
-32.5°	207.7	229.0	251.0	270.1	286.2	300.4	315.5	330.2	346.6	365.2	386.7
-35°	200.3	221.4	243.0	263.6	280.0	293.2	306.7	320.7	334.4	350.8	368.7
-37.5°	192.1	213.0	234.3	255.6	272.7	285.4	297.5	310.8	323.8	336.5	352.2
-40°	183.5	203.6	224.4	245.4	264.2	276.7	288.4	300.4	312.8	324.4	336.5
-42.5°	174.5	193.7	213.3	234.4	253.1	267.6	278.6	289.8	301.0	311.7	322.6
-45°	165.5	183.4	201.5	221.8	241.1	257.3	269.1	278.5	288.9	299.0	308.6
-47.5°	156.4	172.9	190.0	208.9	228.1	244.9	258.8	268.2	276.6	285.9	294.9
-50°	147.1	162.8	178.6	196.4	214.2	231.5	246.2	256.5	264.9	272.8	281.0
-52.5°	137.6	152.5	167.5	183.8	200.3	216.6	231.6	242.9	251.7	259.5	267.4
-55°	128.0	142.1	155.9	170.7	186.4	201.7	215.9	228.0	237.8	245.4	253.9
-57.5°	117.7	131.3	143.8	157.0	171.4	186.2	199.0	212.5	223.2	231.4	239.4
-60°	106.7	119.5	131.5	143.2	155.5	168.5	180.7	192.7	205.1	217.0	223.2
-62.5°	95.3	106.6	118.0	129.3	140.0	150.5	161.5	172.3	182.7	193.2	202.4
-65°	83.5	93.5	103.4	113.8	124.3	133.0	142.1	151.8	161.2	170.3	178.9
-67.5°	71.6	80.8	89.3	97.5	106.6	115.0	122.3	130.1	138.4	147.4	155.3
-70°	61.5	68.2	75.8	83.0	89.9	97.0	104.2	110.3	116.2	124.0	132.0
-72.5°	51.7	57.6	63.4	69.0	75.1	81.1	86.9	92.5	97.9	103.6	109.6
-75°	42.4	46.9	51.8	56.6	61.3	65.8	70.3	75.1	79.6	84.0	88.2
-77.5°	33.6	37.4	41.0	44.5	48.0	51.8	55.5	59.0	62.3	65.5	68.6
-80°	25.2	27.8	30.7	33.5	35.9	38.3	40.8	43.4	46.1	48.7	51.1
-82.5°	17.5	19.4	21.3	23.2	24.4	25.4	26.4	27.8	30.3	32.6	34.8
-85°	10.2	11.1	12.3	13.6	14.6	15.5	16.3	16.9	18.0	19.3	20.5
-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: P627019 (CONVERTED FROM TYPE C PHOTOMETRY)
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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	10.2	9.6
85°	21.8	22.6	23.4	24.1	24.7	25.3	25.9	26.3	26.8	26.4	26.0
82.5°	36.7	38.2	39.5	40.8	41.9	42.9	43.9	44.7	45.4	45.3	45.1
80°	53.4	55.8	58.2	60.6	62.9	64.3	65.3	66.1	66.6	66.8	66.9
77.5°	71.7	75.4	79.3	83.1	86.8	89.0	90.5	91.8	92.8	93.0	92.8
75°	92.1	96.9	102.2	106.8	110.8	113.2	114.9	116.3	117.5	117.8	117.7
72.5°	115.8	121.7	126.4	130.3	133.6	136.3	138.4	140.2	141.7	142.3	142.4
70°	139.1	144.9	149.3	153.3	156.6	159.3	161.9	164.1	165.9	167.2	168.2
67.5°	162.6	169.3	173.9	177.5	180.3	183.1	186.5	189.5	191.9	193.6	194.4
65°	186.9	193.7	198.1	202.1	205.5	209.1	212.9	215.7	217.5	218.7	219.4
62.5°	210.3	216.7	222.3	227.4	232.4	236.5	239.2	241.5	243.5	245.1	246.4
60°	230.4	238.6	244.8	249.8	254.7	259.4	262.5	265.0	267.0	268.5	269.4
57.5°	247.6	255.9	263.3	268.1	273.4	279.0	282.7	284.8	286.8	288.4	289.2
55°	262.6	270.3	277.1	283.7	289.6	294.7	298.6	301.4	303.8	305.7	306.3
52.5°	276.1	284.5	292.5	299.5	305.3	310.1	314.0	317.5	320.2	322.1	322.9
50°	290.3	299.3	307.9	315.5	321.5	326.9	331.8	335.9	339.9	343.1	345.4
47.5°	304.3	313.9	323.3	331.8	338.9	346.8	353.8	359.8	365.6	370.3	373.5
45°	318.4	329.5	339.7	350.6	360.3	370.6	380.1	388.3	396.8	403.2	407.5
42.5°	334.0	346.6	359.0	372.5	385.7	399.1	413.6	426.5	436.5	445.8	453.4
40°	350.8	365.2	381.3	397.9	417.4	435.0	454.5	471.2	486.3	502.3	514.9
37.5°	368.7	386.7	407.8	430.0	455.2	479.4	504.8	529.8	551.5	577.2	596.8
35°	388.5	412.4	438.5	468.5	499.9	534.6	569.3	609.4	644.0	682.0	715.1
32.5°	411.8	440.5	474.6	514.3	554.6	607.2	656.3	720.2	775.4	835.7	896.5
30°	435.9	473.3	517.5	567.4	631.4	703.7	784.4	879.4	977.4	1072.2	1186.6
27.5°	465.7	510.9	564.4	637.2	731.5	829.3	967.9	1110.6	1290.7	1439.6	1649.7
25°	496.7	549.9	625.8	724.9	848.1	1017.7	1228.0	1456.1	1772.9	2051.3	2377.8
22.5°	530.4	602.2	696.7	819.0	1005.7	1266.1	1584.6	2013.8	2481.2	2977.5	3471.1
20°	565.6	652.4	776.2	953.5	1209.7	1562.4	2109.2	2771.8	3439.6	4258.4	4983.4
17.5°	606.3	716.8	869.4	1091.1	1432.9	1973.2	2731.8	3656.8	4692.8	5870.1	6915.3
15°	640.1	771.9	964.6	1274.8	1744.9	2438.7	3395.3	4667.9	6224.7	7805.8	9410.0
12.5°	679.5	831.9	1058.2	1428.1	2018.6	2940.6	4242.7	5853.5	7797.6	9990.7	12576.1
10°	714.4	890.8	1172.1	1630.0	2351.6	3464.0	5044.3	6982.2	9491.1	12646.5	16650.1
7.5°	740.3	937.7	1260.0	1783.6	2639.5	3967.3	5801.7	8218.1	11406.2	15572.8	21067.5
5°	757.1	971.6	1322.2	1902.2	2864.9	4341.8	6356.7	9094.8	12940.9	18833.9	28138.5
2.5°	767.2	991.7	1357.7	1971.7	3001.9	4590.0	6779.1	9757.7	13935.6	20849.3	32686.5
0°	771.7	997.3	1379.0	2008.6	3047.7	4685.8	6973.0	10059.7	14380.6	21320.2	33486.1
-2.5°	767.2	991.7	1357.7	1971.7	3001.9	4590.0	6779.1	9757.7	13935.6	20849.3	32686.5
-5°	757.1	971.6	1322.2	1902.2	2864.9	4341.8	6356.7	9094.8	12940.9	18833.9	28138.5
-7.5°	740.3	937.7	1260.0	1783.6	2639.5	3967.3	5801.7	8218.1	11406.2	15572.8	21067.5
-10°	714.4	890.8	1172.1	1630.0	2351.6	3464.0	5044.3	6982.2	9491.1	12646.5	16650.1
-12.5°	679.5	831.9	1058.2	1428.1	2018.6	2940.6	4242.7	5853.5	7797.6	9990.7	12576.1
-15°	640.1	771.9	964.6	1274.8	1744.9	2438.7	3395.3	4667.9	6224.7	7805.8	9410.0
-17.5°	606.3	716.8	869.4	1091.1	1432.9	1973.2	2731.8	3656.8	4692.8	5870.1	6915.3
-20°	565.6	652.4	776.2	953.5	1209.7	1562.4	2109.2	2771.8	3439.6	4258.4	4983.4

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REPORT NUMBER: P627019 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-727-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	530.4	602.2	696.7	819.0	1005.7	1266.1	1584.6	2013.8	2481.2	2977.5	3471.1
-25°	496.7	549.9	625.8	724.9	848.1	1017.7	1228.0	1456.1	1772.9	2051.3	2377.8
-27.5°	465.7	510.9	564.4	637.2	731.5	829.3	967.9	1110.6	1290.7	1439.6	1649.7
-30°	435.9	473.3	517.5	567.4	631.4	703.7	784.4	879.4	977.4	1072.2	1186.6
-32.5°	411.8	440.5	474.6	514.3	554.6	607.2	656.3	720.2	775.4	835.7	896.5
-35°	388.5	412.4	438.5	468.5	499.9	534.6	569.3	609.4	644.0	682.0	715.1
-37.5°	368.7	386.7	407.8	430.0	455.2	479.4	504.8	529.8	551.5	577.2	596.8
-40°	350.8	365.2	381.3	397.9	417.4	435.0	454.5	471.2	486.3	502.3	514.9
-42.5°	334.0	346.6	359.0	372.5	385.7	399.1	413.6	426.5	436.5	445.8	453.4
-45°	318.4	329.5	339.7	350.6	360.3	370.6	380.1	388.3	396.8	403.2	407.5
-47.5°	304.3	313.9	323.3	331.8	338.9	346.8	353.8	359.8	365.6	370.3	373.5
-50°	290.3	299.3	307.9	315.5	321.5	326.9	331.8	335.9	339.9	343.1	345.4
-52.5°	276.1	284.5	292.5	299.5	305.3	310.1	314.0	317.5	320.2	322.1	322.9
-55°	262.6	270.3	277.1	283.7	289.6	294.7	298.6	301.4	303.8	305.7	306.3
-57.5°	247.6	255.9	263.3	268.1	273.4	279.0	282.7	284.8	286.8	288.4	289.2
-60°	230.4	238.6	244.8	249.8	254.7	259.4	262.5	265.0	267.0	268.5	269.4
-62.5°	210.3	216.7	222.3	227.4	232.4	236.5	239.2	241.5	243.5	245.1	246.4
-65°	186.9	193.7	198.1	202.1	205.5	209.1	212.9	215.7	217.5	218.7	219.4
-67.5°	162.6	169.3	173.9	177.5	180.3	183.1	186.5	189.5	191.9	193.6	194.4
-70°	139.1	144.9	149.3	153.3	156.6	159.3	161.9	164.1	165.9	167.2	168.2
-72.5°	115.8	121.7	126.4	130.3	133.6	136.3	138.4	140.2	141.7	142.3	142.4
-75°	92.1	96.9	102.2	106.8	110.8	113.2	114.9	116.3	117.5	117.8	117.7
-77.5°	71.7	75.4	79.3	83.1	86.8	89.0	90.5	91.8	92.8	93.0	92.8
-80°	53.4	55.8	58.2	60.6	62.9	64.3	65.3	66.1	66.6	66.8	66.9
-82.5°	36.7	38.2	39.5	40.8	41.9	42.9	43.9	44.7	45.4	45.3	45.1
-85°	21.8	22.6	23.4	24.1	24.7	25.3	25.9	26.3	26.8	26.4	26.0
-87.5°	9.1	9.4	9.6	9.8	10.1	10.3	10.4	10.6	10.7	10.2	9.6
-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: P627019 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	9.0	8.4	8.4	8.4	8.4	8.4	9.0	9.6	10.2	10.7	10.6
85°	25.5	25.0	25.1	25.1	25.1	25.0	25.5	26.0	26.4	26.8	26.3
82.5°	44.8	44.4	44.5	44.6	44.5	44.4	44.8	45.1	45.3	45.4	44.7
80°	66.8	66.6	65.4	64.1	65.4	66.6	66.8	66.9	66.8	66.6	66.1
77.5°	92.3	91.5	90.4	89.1	90.4	91.5	92.3	92.8	93.0	92.8	91.8
75°	117.2	116.5	116.8	117.0	116.8	116.5	117.2	117.7	117.8	117.5	116.3
72.5°	142.2	141.5	141.9	142.1	141.9	141.5	142.2	142.4	142.3	141.7	140.2
70°	168.8	169.1	168.4	167.2	168.4	169.1	168.8	168.2	167.2	165.9	164.1
67.5°	194.6	194.3	193.5	192.2	193.5	194.3	194.6	194.4	193.6	191.9	189.5
65°	219.6	219.4	219.8	220.1	219.8	219.4	219.6	219.4	218.7	217.5	215.7
62.5°	247.0	247.0	246.4	245.2	246.4	247.0	247.0	246.4	245.1	243.5	241.5
60°	269.7	269.5	268.7	267.4	268.7	269.5	269.7	269.4	268.5	267.0	265.0
57.5°	289.4	289.1	288.3	286.9	288.3	289.1	289.4	289.2	288.4	286.8	284.8
55°	306.4	306.0	305.1	303.7	305.1	306.0	306.4	306.3	305.7	303.8	301.4
52.5°	323.1	322.8	322.9	323.2	322.9	322.8	323.1	322.9	322.1	320.2	317.5
50°	346.8	347.2	346.8	345.4	346.8	347.2	346.8	345.4	343.1	339.9	335.9
47.5°	375.1	375.3	374.6	373.3	374.6	375.3	375.1	373.5	370.3	365.6	359.8
45°	410.9	412.9	413.4	412.3	413.4	412.9	410.9	407.5	403.2	396.8	388.3
42.5°	459.2	462.4	463.3	462.5	463.3	462.4	459.2	453.4	445.8	436.5	426.5
40°	522.7	526.3	527.0	526.5	527.0	526.3	522.7	514.9	502.3	486.3	471.2
37.5°	610.6	619.4	623.5	624.0	623.5	619.4	610.6	596.8	577.2	551.5	529.8
35°	740.3	757.8	767.2	771.7	767.2	757.8	740.3	715.1	682.0	644.0	609.4
32.5°	942.5	977.5	996.9	994.6	996.9	977.5	942.5	896.5	835.7	775.4	720.2
30°	1272.8	1334.1	1364.9	1356.7	1364.9	1334.1	1272.8	1186.6	1072.2	977.4	879.4
27.5°	1800.5	1911.2	1975.2	1966.8	1975.2	1911.2	1800.5	1649.7	1439.6	1290.7	1110.6
25°	2650.8	2852.9	2982.2	2950.2	2982.2	2852.9	2650.8	2377.8	2051.3	1772.9	1456.1
22.5°	3944.3	4286.7	4513.2	4485.2	4513.2	4286.7	3944.3	3471.1	2977.5	2481.2	2013.8
20°	5718.6	6239.7	6611.7	6661.0	6611.7	6239.7	5718.6	4983.4	4258.4	3439.6	2771.8
17.5°	8044.4	8870.5	9445.6	9541.6	9445.6	8870.5	8044.4	6915.3	5870.1	4692.8	3656.8
15°	11067.1	12417.3	13394.6	13475.2	13394.6	12417.3	11067.1	9410.0	7805.8	6224.7	4667.9
12.5°	15171.4	17887.2	19659.6	20439.9	19659.6	17887.2	15171.4	12576.1	9990.7	7797.6	5853.5
10°	20851.6	27089.5	31084.4	32586.2	31084.4	27089.5	20851.6	16650.1	12646.5	9491.1	6982.2
7.5°	30339.2	40133.0	51021.0	55661.5	51021.0	40133.0	30339.2	21067.5	15572.8	11406.2	8218.1
5°	41083.3	61409.1	80742.6	88292.3	80742.6	61409.1	41083.3	28138.5	18833.9	12940.9	9094.8
2.5°	52388.7	80720.0	107268.6	117651.1	107268.6	80720.0	52388.7	32686.5	20849.3	13935.6	9757.7
0°	56803.7	89175.4	118385.2	130027.3	118385.2	89175.4	56803.7	33486.1	21320.2	14380.6	10059.7
-2.5°	52388.7	80720.0	107268.6	117651.1	107268.6	80720.0	52388.7	32686.5	20849.3	13935.6	9757.7
-5°	41083.3	61409.1	80742.6	88292.3	80742.6	61409.1	41083.3	28138.5	18833.9	12940.9	9094.8
-7.5°	30339.2	40133.0	51021.0	55661.5	51021.0	40133.0	30339.2	21067.5	15572.8	11406.2	8218.1
-10°	20851.6	27089.5	31084.4	32586.2	31084.4	27089.5	20851.6	16650.1	12646.5	9491.1	6982.2
-12.5°	15171.4	17887.2	19659.6	20439.9	19659.6	17887.2	15171.4	12576.1	9990.7	7797.6	5853.5
-15°	11067.1	12417.3	13394.6	13475.2	13394.6	12417.3	11067.1	9410.0	7805.8	6224.7	4667.9
-17.5°	8044.4	8870.5	9445.6	9541.6	9445.6	8870.5	8044.4	6915.3	5870.1	4692.8	3656.8
-20°	5718.6	6239.7	6611.7	6661.0	6611.7	6239.7	5718.6	4983.4	4258.4	3439.6	2771.8

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627019 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-727-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3944.3	4286.7	4513.2	4485.2	4513.2	4286.7	3944.3	3471.1	2977.5	2481.2	2013.8
-25°	2650.8	2852.9	2982.2	2950.2	2982.2	2852.9	2650.8	2377.8	2051.3	1772.9	1456.1
-27.5°	1800.5	1911.2	1975.2	1966.8	1975.2	1911.2	1800.5	1649.7	1439.6	1290.7	1110.6
-30°	1272.8	1334.1	1364.9	1356.7	1364.9	1334.1	1272.8	1186.6	1072.2	977.4	879.4
-32.5°	942.5	977.5	996.9	994.6	996.9	977.5	942.5	896.5	835.7	775.4	720.2
-35°	740.3	757.8	767.2	771.7	767.2	757.8	740.3	715.1	682.0	644.0	609.4
-37.5°	610.6	619.4	623.5	624.0	623.5	619.4	610.6	596.8	577.2	551.5	529.8
-40°	522.7	526.3	527.0	526.5	527.0	526.3	522.7	514.9	502.3	486.3	471.2
-42.5°	459.2	462.4	463.3	462.5	463.3	462.4	459.2	453.4	445.8	436.5	426.5
-45°	410.9	412.9	413.4	412.3	413.4	412.9	410.9	407.5	403.2	396.8	388.3
-47.5°	375.1	375.3	374.6	373.3	374.6	375.3	375.1	373.5	370.3	365.6	359.8
-50°	346.8	347.2	346.8	345.4	346.8	347.2	346.8	345.4	343.1	339.9	335.9
-52.5°	323.1	322.8	322.9	323.2	322.9	322.8	323.1	322.9	322.1	320.2	317.5
-55°	306.4	306.0	305.1	303.7	305.1	306.0	306.4	306.3	305.7	303.8	301.4
-57.5°	289.4	289.1	288.3	286.9	288.3	289.1	289.4	289.2	288.4	286.8	284.8
-60°	269.7	269.5	268.7	267.4	268.7	269.5	269.7	269.4	268.5	267.0	265.0
-62.5°	247.0	247.0	246.4	245.2	246.4	247.0	247.0	246.4	245.1	243.5	241.5
-65°	219.6	219.4	219.8	220.1	219.8	219.4	219.6	219.4	218.7	217.5	215.7
-67.5°	194.6	194.3	193.5	192.2	193.5	194.3	194.6	194.4	193.6	191.9	189.5
-70°	168.8	169.1	168.4	167.2	168.4	169.1	168.8	168.2	167.2	165.9	164.1
-72.5°	142.2	141.5	141.9	142.1	141.9	141.5	142.2	142.4	142.3	141.7	140.2
-75°	117.2	116.5	116.8	117.0	116.8	116.5	117.2	117.7	117.8	117.5	116.3
-77.5°	92.3	91.5	90.4	89.1	90.4	91.5	92.3	92.8	93.0	92.8	91.8
-80°	66.8	66.6	65.4	64.1	65.4	66.6	66.8	66.9	66.8	66.6	66.1
-82.5°	44.8	44.4	44.5	44.6	44.5	44.4	44.8	45.1	45.3	45.4	44.7
-85°	25.5	25.0	25.1	25.1	25.1	25.0	25.5	26.0	26.4	26.8	26.3
-87.5°	9.0	8.4	8.4	8.4	8.4	8.4	9.0	9.6	10.2	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: P627019 (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°	10.4	10.3	10.1	9.8	9.6	9.4	9.1	8.8	8.5	8.2	7.8
85°	25.9	25.3	24.7	24.1	23.4	22.6	21.8	20.5	19.3	18.0	16.9
82.5°	43.9	42.9	41.9	40.8	39.5	38.2	36.7	34.8	32.6	30.3	27.8
80°	65.3	64.3	62.9	60.6	58.2	55.8	53.4	51.1	48.7	46.1	43.4
77.5°	90.5	89.0	86.8	83.1	79.3	75.4	71.7	68.6	65.5	62.3	59.0
75°	114.9	113.2	110.8	106.8	102.2	96.9	92.1	88.2	84.0	79.6	75.1
72.5°	138.4	136.3	133.6	130.3	126.4	121.7	115.8	109.6	103.6	97.9	92.5
70°	161.9	159.3	156.6	153.3	149.3	144.9	139.1	132.0	124.0	116.2	110.3
67.5°	186.5	183.1	180.3	177.5	173.9	169.3	162.6	155.3	147.4	138.4	130.1
65°	212.9	209.1	205.5	202.1	198.1	193.7	186.9	178.9	170.3	161.2	151.8
62.5°	239.2	236.5	232.4	227.4	222.3	216.7	210.3	202.4	193.2	182.7	172.3
60°	262.5	259.4	254.7	249.8	244.8	238.6	230.4	223.2	217.0	205.1	192.7
57.5°	282.7	279.0	273.4	268.1	263.3	255.9	247.6	239.4	231.4	223.2	212.5
55°	298.6	294.7	289.6	283.7	277.1	270.3	262.6	253.9	245.4	237.8	228.0
52.5°	314.0	310.1	305.3	299.5	292.5	284.5	276.1	267.4	259.5	251.7	242.9
50°	331.8	326.9	321.5	315.5	307.9	299.3	290.3	281.0	272.8	264.9	256.5
47.5°	353.8	346.8	338.9	331.8	323.3	313.9	304.3	294.9	285.9	276.6	268.2
45°	380.1	370.6	360.3	350.6	339.7	329.5	318.4	308.6	299.0	288.9	278.5
42.5°	413.6	399.1	385.7	372.5	359.0	346.6	334.0	322.6	311.7	301.0	289.8
40°	454.5	435.0	417.4	397.9	381.3	365.2	350.8	336.5	324.4	312.8	300.4
37.5°	504.8	479.4	455.2	430.0	407.8	386.7	368.7	352.2	336.5	323.8	310.8
35°	569.3	534.6	499.9	468.5	438.5	412.4	388.5	368.7	350.8	334.4	320.7
32.5°	656.3	607.2	554.6	514.3	474.6	440.5	411.8	386.7	365.2	346.6	330.2
30°	784.4	703.7	631.4	567.4	517.5	473.3	435.9	406.8	381.3	359.0	339.7
27.5°	967.9	829.3	731.5	637.2	564.4	510.9	465.7	427.5	397.5	372.5	350.4
25°	1228.0	1017.7	848.1	724.9	625.8	549.9	496.7	452.4	415.7	385.6	359.0
22.5°	1584.6	1266.1	1005.7	819.0	696.7	602.2	530.4	477.0	432.3	397.0	368.1
20°	2109.2	1562.4	1209.7	953.5	776.2	652.4	565.6	502.7	451.0	408.9	376.1
17.5°	2731.8	1973.2	1432.9	1091.1	869.4	716.8	606.3	526.3	468.0	419.2	382.6
15°	3395.3	2438.7	1744.9	1274.8	964.6	771.9	640.1	547.2	484.2	430.7	390.6
12.5°	4242.7	2940.6	2018.6	1428.1	1058.2	831.9	679.5	573.8	500.1	443.0	399.0
10°	5044.3	3464.0	2351.6	1630.0	1172.1	890.8	714.4	594.2	512.5	452.7	405.8
7.5°	5801.7	3967.3	2639.5	1783.6	1260.0	937.7	740.3	608.9	521.2	459.6	411.0
5°	6356.7	4341.8	2864.9	1902.2	1322.2	971.6	757.1	618.1	526.5	463.6	414.5
2.5°	6779.1	4590.0	3001.9	1971.7	1357.7	991.7	767.2	625.1	531.5	466.8	418.4
0°	6973.0	4685.8	3047.7	2008.6	1379.0	997.3	771.7	629.6	534.9	468.0	420.7
-2.5°	6779.1	4590.0	3001.9	1971.7	1357.7	991.7	767.2	625.1	531.5	466.8	418.4
-5°	6356.7	4341.8	2864.9	1902.2	1322.2	971.6	757.1	618.1	526.5	463.6	414.5
-7.5°	5801.7	3967.3	2639.5	1783.6	1260.0	937.7	740.3	608.9	521.2	459.6	411.0
-10°	5044.3	3464.0	2351.6	1630.0	1172.1	890.8	714.4	594.2	512.5	452.7	405.8
-12.5°	4242.7	2940.6	2018.6	1428.1	1058.2	831.9	679.5	573.8	500.1	443.0	399.0
-15°	3395.3	2438.7	1744.9	1274.8	964.6	771.9	640.1	547.2	484.2	430.7	390.6
-17.5°	2731.8	1973.2	1432.9	1091.1	869.4	716.8	606.3	526.3	468.0	419.2	382.6
-20°	2109.2	1562.4	1209.7	953.5	776.2	652.4	565.6	502.7	451.0	408.9	376.1

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REPORT NUMBER: P627019 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2E-727-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1584.6	1266.1	1005.7	819.0	696.7	602.2	530.4	477.0	432.3	397.0	368.1
-25°	1228.0	1017.7	848.1	724.9	625.8	549.9	496.7	452.4	415.7	385.6	359.0
-27.5°	967.9	829.3	731.5	637.2	564.4	510.9	465.7	427.5	397.5	372.5	350.4
-30°	784.4	703.7	631.4	567.4	517.5	473.3	435.9	406.8	381.3	359.0	339.7
-32.5°	656.3	607.2	554.6	514.3	474.6	440.5	411.8	386.7	365.2	346.6	330.2
-35°	569.3	534.6	499.9	468.5	438.5	412.4	388.5	368.7	350.8	334.4	320.7
-37.5°	504.8	479.4	455.2	430.0	407.8	386.7	368.7	352.2	336.5	323.8	310.8
-40°	454.5	435.0	417.4	397.9	381.3	365.2	350.8	336.5	324.4	312.8	300.4
-42.5°	413.6	399.1	385.7	372.5	359.0	346.6	334.0	322.6	311.7	301.0	289.8
-45°	380.1	370.6	360.3	350.6	339.7	329.5	318.4	308.6	299.0	288.9	278.5
-47.5°	353.8	346.8	338.9	331.8	323.3	313.9	304.3	294.9	285.9	276.6	268.2
-50°	331.8	326.9	321.5	315.5	307.9	299.3	290.3	281.0	272.8	264.9	256.5
-52.5°	314.0	310.1	305.3	299.5	292.5	284.5	276.1	267.4	259.5	251.7	242.9
-55°	298.6	294.7	289.6	283.7	277.1	270.3	262.6	253.9	245.4	237.8	228.0
-57.5°	282.7	279.0	273.4	268.1	263.3	255.9	247.6	239.4	231.4	223.2	212.5
-60°	262.5	259.4	254.7	249.8	244.8	238.6	230.4	223.2	217.0	205.1	192.7
-62.5°	239.2	236.5	232.4	227.4	222.3	216.7	210.3	202.4	193.2	182.7	172.3
-65°	212.9	209.1	205.5	202.1	198.1	193.7	186.9	178.9	170.3	161.2	151.8
-67.5°	186.5	183.1	180.3	177.5	173.9	169.3	162.6	155.3	147.4	138.4	130.1
-70°	161.9	159.3	156.6	153.3	149.3	144.9	139.1	132.0	124.0	116.2	110.3
-72.5°	138.4	136.3	133.6	130.3	126.4	121.7	115.8	109.6	103.6	97.9	92.5
-75°	114.9	113.2	110.8	106.8	102.2	96.9	92.1	88.2	84.0	79.6	75.1
-77.5°	90.5	89.0	86.8	83.1	79.3	75.4	71.7	68.6	65.5	62.3	59.0
-80°	65.3	64.3	62.9	60.6	58.2	55.8	53.4	51.1	48.7	46.1	43.4
-82.5°	43.9	42.9	41.9	40.8	39.5	38.2	36.7	34.8	32.6	30.3	27.8
-85°	25.9	25.3	24.7	24.1	23.4	22.6	21.8	20.5	19.3	18.0	16.9
-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



REPORT NUMBER: P627019 (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°	16.3	15.5	14.6	13.6	12.3	11.1	10.2	9.4	8.5	7.6	6.7
82.5°	26.4	25.4	24.4	23.2	21.3	19.4	17.5	15.5	13.5	11.5	10.0
80°	40.8	38.3	35.9	33.5	30.7	27.8	25.2	22.6	19.9	17.2	14.4
77.5°	55.5	51.8	48.0	44.5	41.0	37.4	33.6	29.8	26.2	22.8	19.4
75°	70.3	65.8	61.3	56.6	51.8	46.9	42.4	37.9	33.2	28.5	24.3
72.5°	86.9	81.1	75.1	69.0	63.4	57.6	51.7	45.8	40.4	34.9	29.4
70°	104.2	97.0	89.9	83.0	75.8	68.2	61.5	54.6	47.6	41.3	34.9
67.5°	122.3	115.0	106.6	97.5	89.3	80.8	71.6	63.4	55.6	47.6	40.4
65°	142.1	133.0	124.3	113.8	103.4	93.5	83.5	72.8	63.4	54.6	45.8
62.5°	161.5	150.5	140.0	129.3	118.0	106.6	95.3	83.2	71.5	61.5	51.7
60°	180.7	168.5	155.5	143.2	131.5	119.5	106.7	93.4	80.5	68.2	57.6
57.5°	199.0	186.2	171.4	157.0	143.8	131.3	117.7	103.2	89.2	75.7	63.3
55°	215.9	201.7	186.4	170.7	155.9	142.1	128.0	112.7	97.6	83.0	68.9
52.5°	231.6	216.6	200.3	183.8	167.5	152.5	137.6	121.8	105.7	90.1	74.8
50°	246.2	231.5	214.2	196.4	178.6	162.8	147.1	130.5	113.4	96.9	80.7
47.5°	258.8	244.9	228.1	208.9	190.0	172.9	156.4	139.0	120.7	103.3	86.4
45°	269.1	257.3	241.1	221.8	201.5	183.4	165.5	147.4	128.2	109.6	91.8
42.5°	278.6	267.6	253.1	234.4	213.3	193.7	174.5	155.5	135.5	115.5	97.0
40°	288.4	276.7	264.2	245.4	224.4	203.6	183.5	163.4	142.6	121.4	101.9
37.5°	297.5	285.4	272.7	255.6	234.3	213.0	192.1	171.0	149.2	127.2	106.6
35°	306.7	293.2	280.0	263.6	243.0	221.4	200.3	178.3	155.3	132.6	111.0
32.5°	315.5	300.4	286.2	270.1	251.0	229.0	207.7	184.7	161.1	137.6	115.2
30°	323.6	307.1	292.1	276.4	257.7	235.7	213.8	190.5	166.5	142.2	119.1
27.5°	330.0	312.7	297.8	281.8	263.1	241.7	219.2	195.8	171.4	146.4	122.8
25°	336.4	317.9	302.3	286.7	268.2	247.8	224.3	200.4	175.8	150.4	126.1
22.5°	343.6	322.7	305.8	291.4	273.3	253.6	229.1	204.4	179.5	154.0	129.1
20°	349.9	326.9	308.4	295.1	277.5	258.0	233.7	208.0	182.8	157.1	131.7
17.5°	355.4	331.3	311.9	297.3	280.7	261.7	237.9	211.2	185.5	159.9	133.9
15°	361.2	336.0	315.1	299.0	283.3	264.8	241.7	214.0	187.7	162.2	135.9
12.5°	366.4	339.8	317.6	300.4	285.3	267.3	245.1	216.3	189.5	164.2	137.7
10°	370.7	342.8	319.4	301.4	286.7	269.3	248.0	218.6	191.3	165.7	139.2
7.5°	374.0	344.8	320.7	301.9	287.6	270.8	250.4	221.1	192.9	166.8	140.5
5°	376.5	346.4	322.5	303.6	288.8	272.0	252.2	223.2	194.0	167.4	141.4
2.5°	378.3	347.8	324.5	305.2	289.5	272.8	253.2	224.7	194.8	167.5	141.9
0°	378.9	348.2	325.9	306.4	289.7	273.0	253.5	225.7	195.0	167.2	142.1
-2.5°	378.3	347.8	324.5	305.2	289.5	272.8	253.2	224.7	194.8	167.5	141.9
-5°	376.5	346.4	322.5	303.6	288.8	272.0	252.2	223.2	194.0	167.4	141.4
-7.5°	374.0	344.8	320.7	301.9	287.6	270.8	250.4	221.1	192.9	166.8	140.5
-10°	370.7	342.8	319.4	301.4	286.7	269.3	248.0	218.6	191.3	165.7	139.2
-12.5°	366.4	339.8	317.6	300.4	285.3	267.3	245.1	216.3	189.5	164.2	137.7
-15°	361.2	336.0	315.1	299.0	283.3	264.8	241.7	214.0	187.7	162.2	135.9
-17.5°	355.4	331.3	311.9	297.3	280.7	261.7	237.9	211.2	185.5	159.9	133.9
-20°	349.9	326.9	308.4	295.1	277.5	258.0	233.7	208.0	182.8	157.1	131.7



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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°	343.6	322.7	305.8	291.4	273.3	253.6	229.1	204.4	179.5	154.0	129.1
-25°	336.4	317.9	302.3	286.7	268.2	247.8	224.3	200.4	175.8	150.4	126.1
-27.5°	330.0	312.7	297.8	281.8	263.1	241.7	219.2	195.8	171.4	146.4	122.8
-30°	323.6	307.1	292.1	276.4	257.7	235.7	213.8	190.5	166.5	142.2	119.1
-32.5°	315.5	300.4	286.2	270.1	251.0	229.0	207.7	184.7	161.1	137.6	115.2
-35°	306.7	293.2	280.0	263.6	243.0	221.4	200.3	178.3	155.3	132.6	111.0
-37.5°	297.5	285.4	272.7	255.6	234.3	213.0	192.1	171.0	149.2	127.2	106.6
-40°	288.4	276.7	264.2	245.4	224.4	203.6	183.5	163.4	142.6	121.4	101.9
-42.5°	278.6	267.6	253.1	234.4	213.3	193.7	174.5	155.5	135.5	115.5	97.0
-45°	269.1	257.3	241.1	221.8	201.5	183.4	165.5	147.4	128.2	109.6	91.8
-47.5°	258.8	244.9	228.1	208.9	190.0	172.9	156.4	139.0	120.7	103.3	86.4
-50°	246.2	231.5	214.2	196.4	178.6	162.8	147.1	130.5	113.4	96.9	80.7
-52.5°	231.6	216.6	200.3	183.8	167.5	152.5	137.6	121.8	105.7	90.1	74.8
-55°	215.9	201.7	186.4	170.7	155.9	142.1	128.0	112.7	97.6	83.0	68.9
-57.5°	199.0	186.2	171.4	157.0	143.8	131.3	117.7	103.2	89.2	75.7	63.3
-60°	180.7	168.5	155.5	143.2	131.5	119.5	106.7	93.4	80.5	68.2	57.6
-62.5°	161.5	150.5	140.0	129.3	118.0	106.6	95.3	83.2	71.5	61.5	51.7
-65°	142.1	133.0	124.3	113.8	103.4	93.5	83.5	72.8	63.4	54.6	45.8
-67.5°	122.3	115.0	106.6	97.5	89.3	80.8	71.6	63.4	55.6	47.6	40.4
-70°	104.2	97.0	89.9	83.0	75.8	68.2	61.5	54.6	47.6	41.3	34.9
-72.5°	86.9	81.1	75.1	69.0	63.4	57.6	51.7	45.8	40.4	34.9	29.4
-75°	70.3	65.8	61.3	56.6	51.8	46.9	42.4	37.9	33.2	28.5	24.3
-77.5°	55.5	51.8	48.0	44.5	41.0	37.4	33.6	29.8	26.2	22.8	19.4
-80°	40.8	38.3	35.9	33.5	30.7	27.8	25.2	22.6	19.9	17.2	14.4
-82.5°	26.4	25.4	24.4	23.2	21.3	19.4	17.5	15.5	13.5	11.5	10.0
-85°	16.3	15.5	14.6	13.6	12.3	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	0.4	0.0
85°	5.7	4.8	3.9	2.9	1.9	0.8	0.0
82.5°	8.6	7.2	5.8	4.3	2.9	1.3	0.0
80°	11.6	9.6	7.7	5.8	3.8	1.7	0.0
77.5°	15.9	12.3	9.6	7.2	4.8	2.1	0.0
75°	20.0	15.6	11.6	8.6	5.7	2.5	0.0
72.5°	24.2	19.0	14.1	10.0	6.6	2.9	0.0
70°	28.3	22.2	16.6	11.4	7.5	3.3	0.0
67.5°	32.9	25.4	19.1	13.2	8.3	3.7	0.0
65°	37.5	28.8	21.4	14.9	9.2	4.1	0.0
62.5°	42.0	32.6	23.8	16.6	10.0	4.4	0.0
60°	46.4	36.2	26.0	18.3	10.7	4.8	0.0
57.5°	51.2	39.8	28.8	19.8	11.7	5.1	0.0
55°	55.9	43.2	31.6	21.4	12.7	5.5	0.0
52.5°	60.5	46.6	34.3	22.8	13.7	5.8	0.0
50°	64.9	50.3	36.8	24.2	14.6	6.1	0.0
47.5°	69.3	53.9	39.3	25.7	15.5	6.3	0.0
45°	73.9	57.3	41.7	27.5	16.4	6.6	0.0
42.5°	78.3	60.6	44.0	29.2	17.3	6.9	0.0
40°	82.6	63.7	46.3	30.9	18.1	7.1	0.0
37.5°	86.6	66.6	48.6	32.5	18.9	7.3	0.0
35°	90.3	69.6	50.9	34.0	19.6	7.5	0.0
32.5°	93.9	72.6	52.9	35.4	20.3	7.7	0.0
30°	97.2	75.3	54.9	36.7	21.0	7.9	0.0
27.5°	100.2	77.8	56.7	38.0	21.6	8.0	0.0
25°	103.0	80.1	58.5	39.1	22.2	8.1	0.0
22.5°	105.5	82.2	60.0	40.1	22.7	8.2	0.0
20°	107.8	84.0	61.5	41.1	23.2	8.3	0.0
17.5°	109.7	85.5	62.7	41.9	23.6	8.4	0.0
15°	111.2	86.8	63.8	42.6	24.0	8.5	0.0
12.5°	112.4	87.8	64.8	43.2	24.3	8.5	0.0
10°	113.4	88.5	65.5	43.7	24.6	8.5	0.0
7.5°	114.0	89.0	66.1	44.1	24.8	8.5	0.0
5°	114.4	89.3	66.6	44.4	25.0	8.5	0.0
2.5°	114.4	89.3	66.8	44.5	25.1	8.5	0.0
0°	114.2	89.1	66.9	44.6	25.1	8.4	0.0
-2.5°	114.4	89.3	66.8	44.5	25.1	8.5	0.0
-5°	114.4	89.3	66.6	44.4	25.0	8.5	0.0
-7.5°	114.0	89.0	66.1	44.1	24.8	8.5	0.0
-10°	113.4	88.5	65.5	43.7	24.6	8.5	0.0
-12.5°	112.4	87.8	64.8	43.2	24.3	8.5	0.0
-15°	111.2	86.8	63.8	42.6	24.0	8.5	0.0
-17.5°	109.7	85.5	62.7	41.9	23.6	8.4	0.0
-20°	107.8	84.0	61.5	41.1	23.2	8.3	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	105.5	82.2	60.0	40.1	22.7	8.2	0.0
-25°	103.0	80.1	58.5	39.1	22.2	8.1	0.0
-27.5°	100.2	77.8	56.7	38.0	21.6	8.0	0.0
-30°	97.2	75.3	54.9	36.7	21.0	7.9	0.0
-32.5°	93.9	72.6	52.9	35.4	20.3	7.7	0.0
-35°	90.3	69.6	50.9	34.0	19.6	7.5	0.0
-37.5°	86.6	66.6	48.6	32.5	18.9	7.3	0.0
-40°	82.6	63.7	46.3	30.9	18.1	7.1	0.0
-42.5°	78.3	60.6	44.0	29.2	17.3	6.9	0.0
-45°	73.9	57.3	41.7	27.5	16.4	6.6	0.0
-47.5°	69.3	53.9	39.3	25.7	15.5	6.3	0.0
-50°	64.9	50.3	36.8	24.2	14.6	6.1	0.0
-52.5°	60.5	46.6	34.3	22.8	13.7	5.8	0.0
-55°	55.9	43.2	31.6	21.4	12.7	5.5	0.0
-57.5°	51.2	39.8	28.8	19.8	11.7	5.1	0.0
-60°	46.4	36.2	26.0	18.3	10.7	4.8	0.0
-62.5°	42.0	32.6	23.8	16.6	10.0	4.4	0.0
-65°	37.5	28.8	21.4	14.9	9.2	4.1	0.0
-67.5°	32.9	25.4	19.1	13.2	8.3	3.7	0.0
-70°	28.3	22.2	16.6	11.4	7.5	3.3	0.0
-72.5°	24.2	19.0	14.1	10.0	6.6	2.9	0.0
-75°	20.0	15.6	11.6	8.6	5.7	2.5	0.0
-77.5°	15.9	12.3	9.6	7.2	4.8	2.1	0.0
-80°	11.6	9.6	7.7	5.8	3.8	1.7	0.0
-82.5°	8.6	7.2	5.8	4.3	2.9	1.3	0.0
-85°	5.7	4.8	3.9	2.9	1.9	0.8	0.0
-87.5°	2.9	2.4	1.9	1.4	1.0	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)