

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: P627179 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-750-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627179 (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: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3C-750-U-NR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N78
Light Source: (48) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

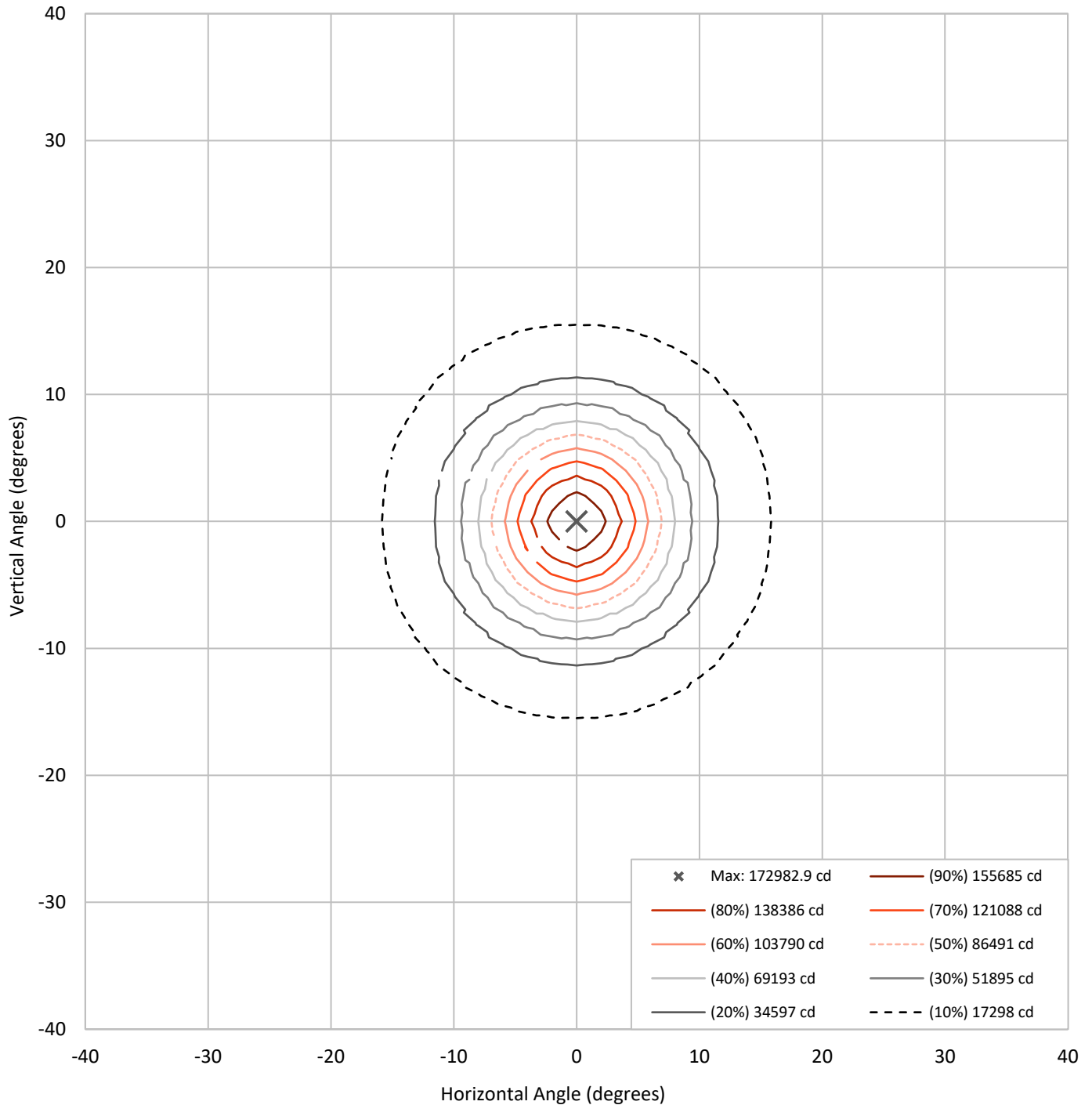
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	18368.3 lumens	Max Intensity:	172982.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	150.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	5430.7 lumens	Field Lumens:	12221.3 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	121.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





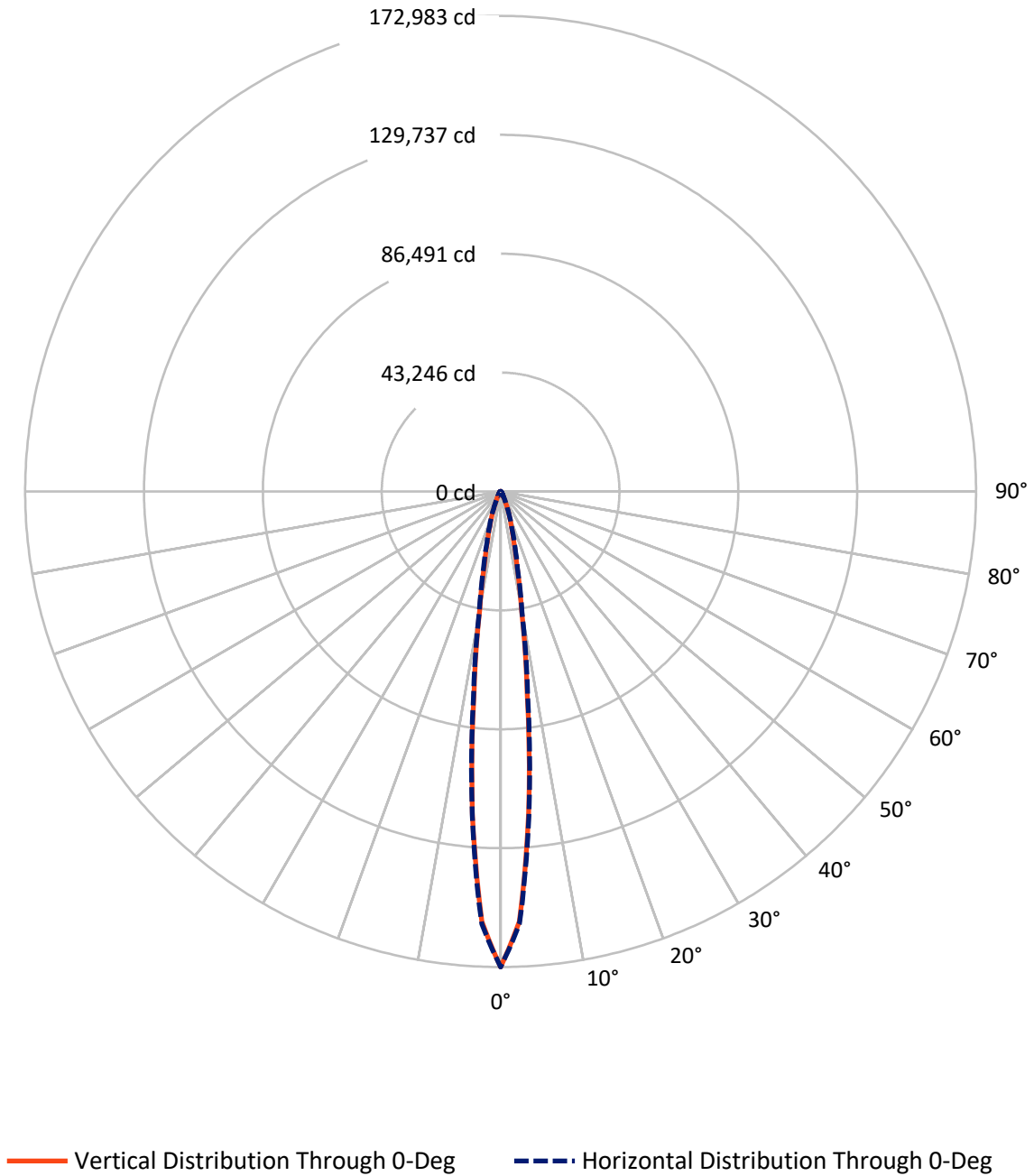
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Lumen Table

90	0.3	2.5		6.6		10.7		11.7		10.7		6.6		2.5		0.3			
80	0.3	2.5		6.6		10.7		11.7		10.7		6.6		2.5		0.3			
70	1.1	1.3	2.7	4.3	6.2	7.5	8.5	8.9	8.9	8.5	7.5	6.2	4.3	2.7	1.3	1.1			
60		2.0	4.0	6.5	8.7	10.6	11.9	12.3	12.3	11.9	10.6	8.7	6.5	4.0	2.0				
50	2.0	2.5	5.2	8.0	10.6	13.3	15.7	17.0	17.0	15.7	13.3	10.6	8.0	5.2	2.5	2.0			
40		3.1	6.1	9.2	13.1	18.8	26.5	32.8	32.8	26.5	18.8	13.1	9.2	6.1	3.1				
30	2.6	3.5	6.6	10.4	16.9	33.6	76.4	126.5	126.5	76.4	33.6	16.9	10.4	6.6	3.5	2.6			
20		3.7	7.0	11.4	22.4	71.3	253.0	545.0	545.0	253.0	71.3	22.4	11.4	7.0	3.7				
10	2.8	3.8	7.1	12.2	27.1	117.4	550.1	2376.3	2376.3	550.1	117.4	27.1	12.2	7.1	3.8	2.8			
0		3.8	7.1	12.2	27.1	117.4	550.1	2376.3	2376.3	550.1	117.4	27.1	12.2	7.1	3.8				
-10	2.6	3.7	7.0	11.4	22.4	71.3	253.0	545.0	545.0	253.0	71.3	22.4	11.4	7.0	3.7	2.6			
-20		3.5	6.6	10.4	16.9	33.6	76.4	126.5	126.5	76.4	33.6	16.9	10.4	6.6	3.5				
-30	2.0	3.1	6.1	9.2	13.1	18.8	26.5	32.8	32.8	26.5	18.8	13.1	9.2	6.1	3.1	2.0			
-40		2.5	5.2	8.0	10.6	13.3	15.7	17.0	17.0	15.7	13.3	10.6	8.0	5.2	2.5				
-50	1.1	2.0	4.0	6.5	8.7	10.6	11.9	12.3	12.3	11.9	10.6	8.7	6.5	4.0	2.0	1.1			
-60		1.3	2.7	4.3	6.2	7.5	8.5	8.9	8.9	8.5	7.5	6.2	4.3	2.7	1.3				
-70	0.3	2.5		6.6		10.7		11.7		10.7		6.6		2.5		0.3			
-80		2.5		6.6		10.7		11.7		10.7		6.6		2.5					
-90	0.3	2.5		6.6		10.7		11.7		10.7		6.6		2.5		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

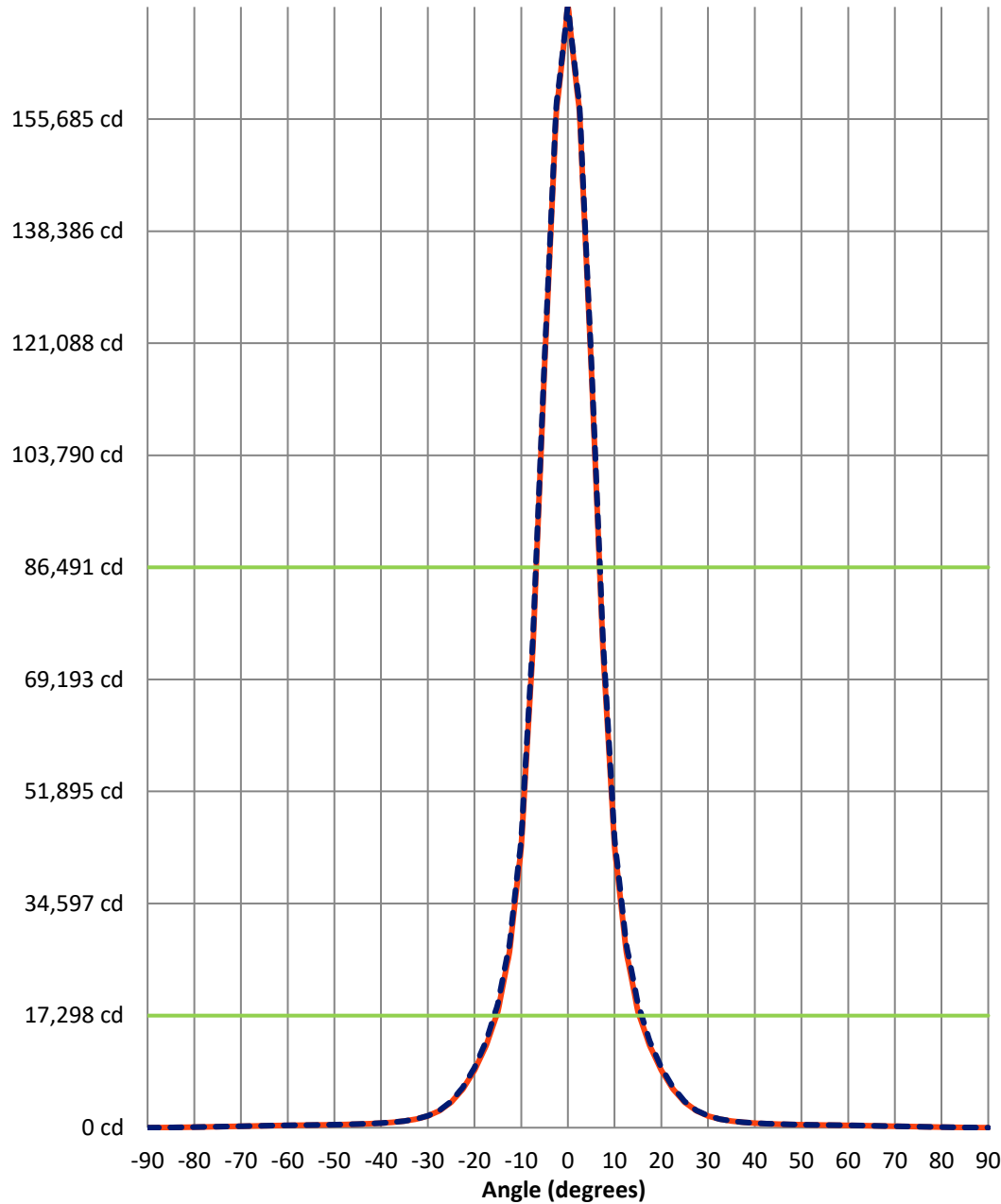
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 5430.7
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 12221.3
 Efficiency: 66.5%

Spill:
 Lumens: 6147
 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	0.6	1.3	1.9	2.6	3.2	3.8	4.4	5.1	5.7	6.3
85°	0.0	1.1	2.6	3.9	5.1	6.4	7.7	8.9	10.1	11.3	12.5
82.5°	0.0	1.7	3.9	5.8	7.7	9.6	11.5	13.3	15.3	18.0	20.7
80°	0.0	2.2	5.1	7.7	10.2	12.8	15.5	19.2	22.9	26.5	30.0
77.5°	0.0	2.8	6.4	9.6	12.8	16.4	21.1	25.8	30.4	34.9	39.7
75°	0.0	3.3	7.6	11.5	15.4	20.8	26.7	32.3	37.9	44.2	50.4
72.5°	0.0	3.9	8.8	13.3	18.8	25.2	32.1	39.0	46.5	53.8	60.9
70°	0.0	4.4	10.0	15.3	22.1	29.5	37.6	46.5	54.9	63.2	72.6
67.5°	0.0	4.9	11.1	17.6	25.4	33.7	43.8	53.8	63.2	73.9	84.5
65°	0.0	5.4	12.2	19.9	28.5	38.3	49.9	60.9	72.6	84.5	96.9
62.5°	0.0	5.9	13.3	22.1	31.6	43.3	55.8	68.7	81.8	95.2	110.8
60°	0.0	6.3	14.3	24.3	34.6	48.1	61.6	76.6	90.9	107.2	124.3
57.5°	0.0	6.8	15.6	26.4	38.3	52.9	68.0	84.3	100.7	118.7	137.3
55°	0.0	7.2	16.9	28.5	42.0	57.4	74.3	91.7	110.5	129.9	149.9
52.5°	0.0	7.6	18.2	30.4	45.6	62.0	80.5	99.6	119.9	140.6	162.0
50°	0.0	8.0	19.5	32.3	49.0	66.9	86.4	107.4	128.9	150.9	173.6
47.5°	0.0	8.4	20.7	34.2	52.3	71.7	92.2	114.9	137.5	160.6	184.9
45°	0.0	8.8	21.9	36.6	55.4	76.2	98.3	122.1	145.8	170.6	196.0
42.5°	0.0	9.1	23.0	38.8	58.5	80.5	104.2	129.0	153.7	180.3	206.8
40°	0.0	9.4	24.1	41.1	61.6	84.7	109.9	135.6	161.5	189.6	217.3
37.5°	0.0	9.7	25.1	43.2	64.7	88.6	115.2	141.9	169.2	198.4	227.5
35°	0.0	10.0	26.1	45.2	67.6	92.6	120.2	147.8	176.4	206.6	237.3
32.5°	0.0	10.2	27.0	47.1	70.4	96.5	124.9	153.3	183.0	214.3	245.8
30°	0.0	10.4	27.9	48.8	72.9	100.1	129.3	158.5	189.1	221.5	253.5
27.5°	0.0	10.6	28.7	50.5	75.4	103.5	133.4	163.4	194.7	228.1	260.4
25°	0.0	10.8	29.5	52.0	77.7	106.6	137.1	167.8	200.0	233.9	266.6
22.5°	0.0	10.9	30.2	53.4	79.8	109.3	140.4	171.8	204.8	238.9	271.9
20°	0.0	11.0	30.9	54.6	81.7	111.7	143.4	175.2	209.1	243.2	276.7
17.5°	0.0	11.1	31.4	55.7	83.4	113.8	145.9	178.1	212.7	246.8	281.0
15°	0.0	11.2	31.9	56.6	84.8	115.5	148.0	180.8	215.9	249.8	284.7
12.5°	0.0	11.2	32.4	57.4	86.1	116.8	149.6	183.2	218.5	252.0	287.8
10°	0.0	11.2	32.7	58.1	87.1	117.8	150.9	185.2	220.5	254.5	290.7
7.5°	0.0	11.2	33.0	58.6	87.9	118.5	151.7	186.8	221.9	256.6	294.1
5°	0.0	11.2	33.2	59.0	88.4	118.8	152.2	188.0	222.6	258.1	296.9
2.5°	0.0	11.2	33.4	59.2	88.8	118.9	152.3	188.7	222.8	259.1	298.9
0°	0.0	11.1	33.4	59.3	88.9	118.6	152.0	189.0	222.4	259.4	300.2
-2.5°	0.0	11.2	33.4	59.2	88.8	118.9	152.3	188.7	222.8	259.1	298.9
-5°	0.0	11.2	33.2	59.0	88.4	118.8	152.2	188.0	222.6	258.1	296.9
-7.5°	0.0	11.2	33.0	58.6	87.9	118.5	151.7	186.8	221.9	256.6	294.1
-10°	0.0	11.2	32.7	58.1	87.1	117.8	150.9	185.2	220.5	254.5	290.7
-12.5°	0.0	11.2	32.4	57.4	86.1	116.8	149.6	183.2	218.5	252.0	287.8
-15°	0.0	11.2	31.9	56.6	84.8	115.5	148.0	180.8	215.9	249.8	284.7
-17.5°	0.0	11.1	31.4	55.7	83.4	113.8	145.9	178.1	212.7	246.8	281.0
-20°	0.0	11.0	30.9	54.6	81.7	111.7	143.4	175.2	209.1	243.2	276.7

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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	10.9	30.2	53.4	79.8	109.3	140.4	171.8	204.8	238.9	271.9
-25°	0.0	10.8	29.5	52.0	77.7	106.6	137.1	167.8	200.0	233.9	266.6
-27.5°	0.0	10.6	28.7	50.5	75.4	103.5	133.4	163.4	194.7	228.1	260.4
-30°	0.0	10.4	27.9	48.8	72.9	100.1	129.3	158.5	189.1	221.5	253.5
-32.5°	0.0	10.2	27.0	47.1	70.4	96.5	124.9	153.3	183.0	214.3	245.8
-35°	0.0	10.0	26.1	45.2	67.6	92.6	120.2	147.8	176.4	206.6	237.3
-37.5°	0.0	9.7	25.1	43.2	64.7	88.6	115.2	141.9	169.2	198.4	227.5
-40°	0.0	9.4	24.1	41.1	61.6	84.7	109.9	135.6	161.5	189.6	217.3
-42.5°	0.0	9.1	23.0	38.8	58.5	80.5	104.2	129.0	153.7	180.3	206.8
-45°	0.0	8.8	21.9	36.6	55.4	76.2	98.3	122.1	145.8	170.6	196.0
-47.5°	0.0	8.4	20.7	34.2	52.3	71.7	92.2	114.9	137.5	160.6	184.9
-50°	0.0	8.0	19.5	32.3	49.0	66.9	86.4	107.4	128.9	150.9	173.6
-52.5°	0.0	7.6	18.2	30.4	45.6	62.0	80.5	99.6	119.9	140.6	162.0
-55°	0.0	7.2	16.9	28.5	42.0	57.4	74.3	91.7	110.5	129.9	149.9
-57.5°	0.0	6.8	15.6	26.4	38.3	52.9	68.0	84.3	100.7	118.7	137.3
-60°	0.0	6.3	14.3	24.3	34.6	48.1	61.6	76.6	90.9	107.2	124.3
-62.5°	0.0	5.9	13.3	22.1	31.6	43.3	55.8	68.7	81.8	95.2	110.8
-65°	0.0	5.4	12.2	19.9	28.5	38.3	49.9	60.9	72.6	84.5	96.9
-67.5°	0.0	4.9	11.1	17.6	25.4	33.7	43.8	53.8	63.2	73.9	84.5
-70°	0.0	4.4	10.0	15.3	22.1	29.5	37.6	46.5	54.9	63.2	72.6
-72.5°	0.0	3.9	8.8	13.3	18.8	25.2	32.1	39.0	46.5	53.8	60.9
-75°	0.0	3.3	7.6	11.5	15.4	20.8	26.7	32.3	37.9	44.2	50.4
-77.5°	0.0	2.8	6.4	9.6	12.8	16.4	21.1	25.8	30.4	34.9	39.7
-80°	0.0	2.2	5.1	7.7	10.2	12.8	15.5	19.2	22.9	26.5	30.0
-82.5°	0.0	1.7	3.9	5.8	7.7	9.6	11.5	13.3	15.3	18.0	20.7
-85°	0.0	1.1	2.6	3.9	5.1	6.4	7.7	8.9	10.1	11.3	12.5
-87.5°	0.0	0.6	1.3	1.9	2.6	3.2	3.8	4.4	5.1	5.7	6.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.8	7.4	8.0	8.5	9.0	9.5	10.0	10.5	10.9	11.3	11.7
85°	13.7	14.8	16.4	18.1	19.4	20.6	21.7	22.5	24.0	25.6	27.3
82.5°	23.3	25.9	28.4	30.8	32.5	33.8	35.1	37.0	40.2	43.4	46.2
80°	33.5	36.9	40.8	44.5	47.7	51.0	54.3	57.7	61.3	64.7	68.0
77.5°	44.7	49.7	54.5	59.2	63.8	68.9	73.8	78.5	83.0	87.3	91.4
75°	56.4	62.3	68.9	75.3	81.6	87.7	93.6	100.0	106.0	111.8	117.3
72.5°	68.7	76.6	84.4	91.9	100.0	107.9	115.6	123.0	130.2	137.8	145.8
70°	81.8	90.9	100.9	110.5	119.6	129.1	138.6	146.8	154.6	165.0	175.6
67.5°	95.3	107.5	118.8	129.7	141.8	153.0	162.7	173.0	184.1	196.1	206.6
65°	111.2	124.4	137.6	151.3	165.3	176.9	189.1	201.9	214.5	226.5	237.9
62.5°	126.8	141.8	157.0	171.9	186.3	200.2	214.8	229.2	243.0	257.0	269.3
60°	141.9	158.9	174.9	190.5	206.8	224.2	240.4	256.3	272.9	288.7	296.9
57.5°	156.5	174.7	191.4	208.9	228.0	247.6	264.7	282.7	296.9	307.8	318.5
55°	170.3	189.1	207.4	227.1	247.9	268.3	287.3	303.3	316.4	326.4	337.8
52.5°	183.1	202.9	222.9	244.5	266.5	288.2	308.1	323.1	334.9	345.2	355.8
50°	195.7	216.6	237.7	261.3	284.9	308.0	327.4	341.2	352.4	362.9	373.8
47.5°	208.1	230.0	252.7	277.9	303.5	325.8	344.2	356.8	368.0	380.4	392.4
45°	220.2	244.0	268.1	295.0	320.7	342.3	357.9	370.5	384.4	397.8	410.6
42.5°	232.1	257.7	283.8	311.8	336.7	356.0	370.6	385.5	400.5	414.7	429.2
40°	244.1	270.9	298.5	326.4	351.4	368.1	383.6	399.7	416.1	431.6	447.6
37.5°	255.6	283.3	311.8	340.0	362.7	379.6	395.7	413.4	430.8	447.6	468.5
35°	266.5	294.6	323.3	350.6	372.5	390.0	408.0	426.6	444.8	466.7	490.5
32.5°	276.3	304.7	333.9	359.3	380.7	399.7	419.8	439.2	461.1	485.8	514.4
30°	284.5	313.6	342.9	367.7	388.6	408.6	430.4	451.9	477.5	507.3	541.2
27.5°	291.7	321.6	350.0	374.9	396.2	416.1	439.0	466.1	495.5	528.9	568.8
25°	298.4	329.7	356.8	381.4	402.2	423.0	447.6	477.6	512.9	553.1	601.9
22.5°	304.8	337.4	363.6	387.7	406.9	429.3	457.1	489.7	528.1	575.2	634.6
20°	310.9	343.2	369.1	392.6	410.4	434.9	465.5	500.3	543.9	600.1	668.8
17.5°	316.5	348.2	373.4	395.5	415.0	440.8	472.9	508.9	557.7	622.7	700.2
15°	321.6	352.3	376.9	397.8	419.1	447.0	480.5	519.5	572.9	644.2	728.0
12.5°	326.1	355.6	379.5	399.7	422.5	452.1	487.4	530.7	589.2	665.4	763.3
10°	329.9	358.2	381.4	400.9	424.9	456.0	493.1	539.8	602.3	681.8	790.5
7.5°	333.2	360.3	382.6	401.6	426.5	458.7	497.5	546.7	611.4	693.5	810.1
5°	335.5	361.9	384.2	403.9	429.0	460.9	500.8	551.4	616.7	700.4	822.3
2.5°	336.9	362.9	385.1	406.1	431.7	462.7	503.2	556.6	621.1	707.1	831.6
0°	337.3	363.2	385.4	407.7	433.6	463.3	504.0	559.6	622.6	711.6	837.6
-2.5°	336.9	362.9	385.1	406.1	431.7	462.7	503.2	556.6	621.1	707.1	831.6
-5°	335.5	361.9	384.2	403.9	429.0	460.9	500.8	551.4	616.7	700.4	822.3
-7.5°	333.2	360.3	382.6	401.6	426.5	458.7	497.5	546.7	611.4	693.5	810.1
-10°	329.9	358.2	381.4	400.9	424.9	456.0	493.1	539.8	602.3	681.8	790.5
-12.5°	326.1	355.6	379.5	399.7	422.5	452.1	487.4	530.7	589.2	665.4	763.3
-15°	321.6	352.3	376.9	397.8	419.1	447.0	480.5	519.5	572.9	644.2	728.0
-17.5°	316.5	348.2	373.4	395.5	415.0	440.8	472.9	508.9	557.7	622.7	700.2
-20°	310.9	343.2	369.1	392.6	410.4	434.9	465.5	500.3	543.9	600.1	668.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627179 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-750-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°	304.8	337.4	363.6	387.7	406.9	429.3	457.1	489.7	528.1	575.2	634.6
-25°	298.4	329.7	356.8	381.4	402.2	423.0	447.6	477.6	512.9	553.1	601.9
-27.5°	291.7	321.6	350.0	374.9	396.2	416.1	439.0	466.1	495.5	528.9	568.8
-30°	284.5	313.6	342.9	367.7	388.6	408.6	430.4	451.9	477.5	507.3	541.2
-32.5°	276.3	304.7	333.9	359.3	380.7	399.7	419.8	439.2	461.1	485.8	514.4
-35°	266.5	294.6	323.3	350.6	372.5	390.0	408.0	426.6	444.8	466.7	490.5
-37.5°	255.6	283.3	311.8	340.0	362.7	379.6	395.7	413.4	430.8	447.6	468.5
-40°	244.1	270.9	298.5	326.4	351.4	368.1	383.6	399.7	416.1	431.6	447.6
-42.5°	232.1	257.7	283.8	311.8	336.7	356.0	370.6	385.5	400.5	414.7	429.2
-45°	220.2	244.0	268.1	295.0	320.7	342.3	357.9	370.5	384.4	397.8	410.6
-47.5°	208.1	230.0	252.7	277.9	303.5	325.8	344.2	356.8	368.0	380.4	392.4
-50°	195.7	216.6	237.7	261.3	284.9	308.0	327.4	341.2	352.4	362.9	373.8
-52.5°	183.1	202.9	222.9	244.5	266.5	288.2	308.1	323.1	334.9	345.2	355.8
-55°	170.3	189.1	207.4	227.1	247.9	268.3	287.3	303.3	316.4	326.4	337.8
-57.5°	156.5	174.7	191.4	208.9	228.0	247.6	264.7	282.7	296.9	307.8	318.5
-60°	141.9	158.9	174.9	190.5	206.8	224.2	240.4	256.3	272.9	288.7	296.9
-62.5°	126.8	141.8	157.0	171.9	186.3	200.2	214.8	229.2	243.0	257.0	269.3
-65°	111.2	124.4	137.6	151.3	165.3	176.9	189.1	201.9	214.5	226.5	237.9
-67.5°	95.3	107.5	118.8	129.7	141.8	153.0	162.7	173.0	184.1	196.1	206.6
-70°	81.8	90.9	100.9	110.5	119.6	129.1	138.6	146.8	154.6	165.0	175.6
-72.5°	68.7	76.6	84.4	91.9	100.0	107.9	115.6	123.0	130.2	137.8	145.8
-75°	56.4	62.3	68.9	75.3	81.6	87.7	93.6	100.0	106.0	111.8	117.3
-77.5°	44.7	49.7	54.5	59.2	63.8	68.9	73.8	78.5	83.0	87.3	91.4
-80°	33.5	36.9	40.8	44.5	47.7	51.0	54.3	57.7	61.3	64.7	68.0
-82.5°	23.3	25.9	28.4	30.8	32.5	33.8	35.1	37.0	40.2	43.4	46.2
-85°	13.7	14.8	16.4	18.1	19.4	20.6	21.7	22.5	24.0	25.6	27.3
-87.5°	6.8	7.4	8.0	8.5	9.0	9.5	10.0	10.5	10.9	11.3	11.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627179 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-750-U-NR-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°	12.1	12.5	12.8	13.1	13.4	13.7	13.9	14.1	14.3	13.6	12.8
85°	29.0	30.1	31.1	32.0	32.9	33.7	34.4	35.0	35.6	35.1	34.6
82.5°	48.8	50.8	52.5	54.2	55.7	57.1	58.3	59.4	60.3	60.3	60.0
80°	71.1	74.2	77.4	80.6	83.7	85.6	86.9	88.0	88.7	89.0	89.0
77.5°	95.5	100.4	105.6	110.6	115.5	118.4	120.4	122.1	123.4	123.7	123.5
75°	122.5	128.9	135.9	142.0	147.3	150.6	152.8	154.8	156.3	156.7	156.5
72.5°	154.1	161.9	168.2	173.3	177.8	181.3	184.1	186.5	188.5	189.3	189.4
70°	185.0	192.7	198.7	203.9	208.3	211.9	215.3	218.3	220.7	222.4	223.7
67.5°	216.3	225.2	231.3	236.1	239.8	243.6	248.2	252.1	255.3	257.5	258.6
65°	248.6	257.7	263.6	268.8	273.4	278.2	283.2	286.9	289.3	290.8	291.8
62.5°	279.8	288.3	295.7	302.6	309.2	314.7	318.2	321.2	323.9	326.1	327.8
60°	306.5	317.4	325.7	332.3	338.8	345.1	349.3	352.6	355.3	357.2	358.4
57.5°	329.4	340.5	350.3	356.7	363.7	371.1	376.0	378.9	381.5	383.7	384.8
55°	349.4	359.6	368.6	377.4	385.3	392.0	397.2	401.0	404.2	406.8	407.6
52.5°	367.4	378.5	389.1	398.4	406.1	412.6	417.7	422.4	426.0	428.5	429.6
50°	386.3	398.2	409.6	419.8	427.7	434.9	441.3	446.9	452.2	456.4	459.5
47.5°	404.9	417.6	430.1	441.3	450.8	461.3	470.7	478.6	486.4	492.7	497.0
45°	423.6	438.3	451.9	466.4	479.3	493.0	505.7	516.6	527.9	536.4	542.1
42.5°	444.3	461.1	477.5	495.5	513.1	531.0	550.2	567.4	580.6	593.1	603.2
40°	466.7	485.8	507.3	529.4	555.3	578.8	604.7	626.9	647.0	668.2	685.1
37.5°	490.5	514.4	542.6	572.1	605.6	637.8	671.6	704.8	733.7	767.9	794.0
35°	516.8	548.7	583.4	623.3	665.0	711.1	757.3	810.7	856.7	907.2	951.3
32.5°	547.9	586.0	631.5	684.1	737.8	807.8	873.2	958.1	1031.6	1111.8	1192.6
30°	580.0	629.7	688.4	754.7	840.0	936.3	1043.5	1169.9	1300.3	1426.4	1578.6
27.5°	619.6	679.7	750.7	847.7	973.2	1103.2	1287.7	1477.5	1717.1	1915.3	2194.7
25°	660.8	731.5	832.5	964.4	1128.2	1353.9	1633.7	1937.1	2358.7	2729.1	3163.4
22.5°	705.6	801.1	926.9	1089.6	1338.0	1684.4	2108.2	2679.2	3301.0	3961.1	4617.8
20°	752.4	867.9	1032.7	1268.6	1609.4	2078.6	2806.0	3687.5	4575.8	5665.1	6629.8
17.5°	806.5	953.6	1156.6	1451.6	1906.4	2625.1	3634.2	4864.9	6243.0	7809.3	9199.9
15°	851.6	1026.9	1283.2	1695.9	2321.4	3244.4	4517.1	6210.0	8281.0	10384.5	12518.5
12.5°	904.0	1106.8	1407.7	1899.8	2685.4	3912.1	5644.4	7787.2	10373.6	13291.3	16730.7
10°	950.5	1185.1	1559.2	2168.4	3128.5	4608.4	6710.8	9288.7	12626.6	16824.3	22150.6
7.5°	984.9	1247.5	1676.3	2372.9	3511.5	5277.9	7718.4	10933.1	15174.3	20717.4	28027.3
5°	1007.3	1292.6	1759.0	2530.6	3811.3	5776.2	8456.8	12099.3	17216.0	25055.9	37434.3
2.5°	1020.6	1319.3	1806.2	2623.0	3993.7	6106.4	9018.6	12981.2	18539.3	27737.1	43484.7
0°	1026.6	1326.8	1834.6	2672.2	4054.6	6233.8	9276.6	13383.1	19131.4	28363.5	44548.5
-2.5°	1020.6	1319.3	1806.2	2623.0	3993.7	6106.4	9018.6	12981.2	18539.3	27737.1	43484.7
-5°	1007.3	1292.6	1759.0	2530.6	3811.3	5776.2	8456.8	12099.3	17216.0	25055.9	37434.3
-7.5°	984.9	1247.5	1676.3	2372.9	3511.5	5277.9	7718.4	10933.1	15174.3	20717.4	28027.3
-10°	950.5	1185.1	1559.2	2168.4	3128.5	4608.4	6710.8	9288.7	12626.6	16824.3	22150.6
-12.5°	904.0	1106.8	1407.7	1899.8	2685.4	3912.1	5644.4	7787.2	10373.6	13291.3	16730.7
-15°	851.6	1026.9	1283.2	1695.9	2321.4	3244.4	4517.1	6210.0	8281.0	10384.5	12518.5
-17.5°	806.5	953.6	1156.6	1451.6	1906.4	2625.1	3634.2	4864.9	6243.0	7809.3	9199.9
-20°	752.4	867.9	1032.7	1268.6	1609.4	2078.6	2806.0	3687.5	4575.8	5665.1	6629.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627179 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	705.6	801.1	926.9	1089.6	1338.0	1684.4	2108.2	2679.2	3301.0	3961.1	4617.8
-25°	660.8	731.5	832.5	964.4	1128.2	1353.9	1633.7	1937.1	2358.7	2729.1	3163.4
-27.5°	619.6	679.7	750.7	847.7	973.2	1103.2	1287.7	1477.5	1717.1	1915.3	2194.7
-30°	580.0	629.7	688.4	754.7	840.0	936.3	1043.5	1169.9	1300.3	1426.4	1578.6
-32.5°	547.9	586.0	631.5	684.1	737.8	807.8	873.2	958.1	1031.6	1111.8	1192.6
-35°	516.8	548.7	583.4	623.3	665.0	711.1	757.3	810.7	856.7	907.2	951.3
-37.5°	490.5	514.4	542.6	572.1	605.6	637.8	671.6	704.8	733.7	767.9	794.0
-40°	466.7	485.8	507.3	529.4	555.3	578.8	604.7	626.9	647.0	668.2	685.1
-42.5°	444.3	461.1	477.5	495.5	513.1	531.0	550.2	567.4	580.6	593.1	603.2
-45°	423.6	438.3	451.9	466.4	479.3	493.0	505.7	516.6	527.9	536.4	542.1
-47.5°	404.9	417.6	430.1	441.3	450.8	461.3	470.7	478.6	486.4	492.7	497.0
-50°	386.3	398.2	409.6	419.8	427.7	434.9	441.3	446.9	452.2	456.4	459.5
-52.5°	367.4	378.5	389.1	398.4	406.1	412.6	417.7	422.4	426.0	428.5	429.6
-55°	349.4	359.6	368.6	377.4	385.3	392.0	397.2	401.0	404.2	406.8	407.6
-57.5°	329.4	340.5	350.3	356.7	363.7	371.1	376.0	378.9	381.5	383.7	384.8
-60°	306.5	317.4	325.7	332.3	338.8	345.1	349.3	352.6	355.3	357.2	358.4
-62.5°	279.8	288.3	295.7	302.6	309.2	314.7	318.2	321.2	323.9	326.1	327.8
-65°	248.6	257.7	263.6	268.8	273.4	278.2	283.2	286.9	289.3	290.8	291.8
-67.5°	216.3	225.2	231.3	236.1	239.8	243.6	248.2	252.1	255.3	257.5	258.6
-70°	185.0	192.7	198.7	203.9	208.3	211.9	215.3	218.3	220.7	222.4	223.7
-72.5°	154.1	161.9	168.2	173.3	177.8	181.3	184.1	186.5	188.5	189.3	189.4
-75°	122.5	128.9	135.9	142.0	147.3	150.6	152.8	154.8	156.3	156.7	156.5
-77.5°	95.5	100.4	105.6	110.6	115.5	118.4	120.4	122.1	123.4	123.7	123.5
-80°	71.1	74.2	77.4	80.6	83.7	85.6	86.9	88.0	88.7	89.0	89.0
-82.5°	48.8	50.8	52.5	54.2	55.7	57.1	58.3	59.4	60.3	60.3	60.0
-85°	29.0	30.1	31.1	32.0	32.9	33.7	34.4	35.0	35.6	35.1	34.6
-87.5°	12.1	12.5	12.8	13.1	13.4	13.7	13.9	14.1	14.3	13.6	12.8
-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: P627179 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-750-U-NR-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°	11.9	11.1	11.1	11.1	11.1	11.1	11.9	12.8	13.6	14.3	14.1
85°	34.0	33.2	33.4	33.4	33.4	33.2	34.0	34.6	35.1	35.6	35.0
82.5°	59.6	59.0	59.2	59.3	59.2	59.0	59.6	60.0	60.3	60.3	59.4
80°	88.9	88.5	87.0	85.2	87.0	88.5	88.9	89.0	89.0	88.7	88.0
77.5°	122.8	121.7	120.3	118.6	120.3	121.7	122.8	123.5	123.7	123.4	122.1
75°	156.0	155.0	155.5	155.7	155.5	155.0	156.0	156.5	156.7	156.3	154.8
72.5°	189.1	188.3	188.8	189.0	188.8	188.3	189.1	189.4	189.3	188.5	186.5
70°	224.6	225.0	224.1	222.4	224.1	225.0	224.6	223.7	222.4	220.7	218.3
67.5°	258.9	258.5	257.4	255.7	257.4	258.5	258.9	258.6	257.5	255.3	252.1
65°	292.2	291.8	292.4	292.8	292.4	291.8	292.2	291.8	290.8	289.3	286.9
62.5°	328.7	328.7	327.8	326.1	327.8	328.7	328.7	327.8	326.1	323.9	321.2
60°	358.9	358.6	357.6	355.8	357.6	358.6	358.9	358.4	357.2	355.3	352.6
57.5°	385.1	384.7	383.5	381.7	383.5	384.7	385.1	384.8	383.7	381.5	378.9
55°	407.7	407.2	405.9	404.0	405.9	407.2	407.7	407.6	406.8	404.2	401.0
52.5°	429.8	429.4	429.5	429.9	429.5	429.4	429.8	429.6	428.5	426.0	422.4
50°	461.3	462.0	461.4	459.6	461.4	462.0	461.3	459.5	456.4	452.2	446.9
47.5°	499.1	499.3	498.4	496.6	498.4	499.3	499.1	497.0	492.7	486.4	478.6
45°	546.6	549.3	550.0	548.5	550.0	549.3	546.6	542.1	536.4	527.9	516.6
42.5°	611.0	615.1	616.3	615.2	616.3	615.1	611.0	603.2	593.1	580.6	567.4
40°	695.4	700.2	701.2	700.5	701.2	700.2	695.4	685.1	668.2	647.0	626.9
37.5°	812.3	824.0	829.6	830.2	829.6	824.0	812.3	794.0	767.9	733.7	704.8
35°	984.8	1008.1	1020.6	1026.6	1020.6	1008.1	984.8	951.3	907.2	856.7	810.7
32.5°	1253.9	1300.4	1326.2	1323.1	1326.2	1300.4	1253.9	1192.6	1111.8	1031.6	958.1
30°	1693.3	1774.8	1815.8	1804.9	1815.8	1774.8	1693.3	1578.6	1426.4	1300.3	1169.9
27.5°	2395.3	2542.6	2627.8	2616.6	2627.8	2542.6	2395.3	2194.7	1915.3	1717.1	1477.5
25°	3526.6	3795.4	3967.4	3924.9	3967.4	3795.4	3526.6	3163.4	2729.1	2358.7	1937.1
22.5°	5247.4	5702.8	6004.1	5967.0	6004.1	5702.8	5247.4	4617.8	3961.1	3301.0	2679.2
20°	7607.8	8301.0	8796.0	8861.5	8796.0	8301.0	7607.8	6629.8	5665.1	4575.8	3687.5
17.5°	10701.9	11801.0	12566.1	12693.7	12566.1	11801.0	10701.9	9199.9	7809.3	6243.0	4864.9
15°	14723.2	16519.5	17819.6	17926.9	17819.6	16519.5	14723.2	12518.5	10384.5	8281.0	6210.0
12.5°	20183.5	23796.4	26154.3	27192.3	26154.3	23796.4	20183.5	16730.7	13291.3	10373.6	7787.2
10°	27740.1	36038.8	41353.4	43351.4	41353.4	36038.8	27740.1	22150.6	16824.3	12626.6	9288.7
7.5°	40362.1	53391.3	67876.2	74049.8	67876.2	53391.3	40362.1	28027.3	20717.4	15174.3	10933.1
5°	54655.4	81696.2	107416.6	117460.4	107416.6	81696.2	54655.4	37434.3	25055.9	17216.0	12099.3
2.5°	69695.8	107386.5	142705.6	156518.2	142705.6	107386.5	69695.8	43484.7	27737.1	18539.3	12981.2
0°	75569.3	118635.3	157494.8	172982.9	157494.8	118635.3	75569.3	44548.5	28363.5	19131.4	13383.1
-2.5°	69695.8	107386.5	142705.6	156518.2	142705.6	107386.5	69695.8	43484.7	27737.1	18539.3	12981.2
-5°	54655.4	81696.2	107416.6	117460.4	107416.6	81696.2	54655.4	37434.3	25055.9	17216.0	12099.3
-7.5°	40362.1	53391.3	67876.2	74049.8	67876.2	53391.3	40362.1	28027.3	20717.4	15174.3	10933.1
-10°	27740.1	36038.8	41353.4	43351.4	41353.4	36038.8	27740.1	22150.6	16824.3	12626.6	9288.7
-12.5°	20183.5	23796.4	26154.3	27192.3	26154.3	23796.4	20183.5	16730.7	13291.3	10373.6	7787.2
-15°	14723.2	16519.5	17819.6	17926.9	17819.6	16519.5	14723.2	12518.5	10384.5	8281.0	6210.0
-17.5°	10701.9	11801.0	12566.1	12693.7	12566.1	11801.0	10701.9	9199.9	7809.3	6243.0	4864.9
-20°	7607.8	8301.0	8796.0	8861.5	8796.0	8301.0	7607.8	6629.8	5665.1	4575.8	3687.5



REPORT NUMBER: P627179 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-750-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°	5247.4	5702.8	6004.1	5967.0	6004.1	5702.8	5247.4	4617.8	3961.1	3301.0	2679.2
-25°	3526.6	3795.4	3967.4	3924.9	3967.4	3795.4	3526.6	3163.4	2729.1	2358.7	1937.1
-27.5°	2395.3	2542.6	2627.8	2616.6	2627.8	2542.6	2395.3	2194.7	1915.3	1717.1	1477.5
-30°	1693.3	1774.8	1815.8	1804.9	1815.8	1774.8	1693.3	1578.6	1426.4	1300.3	1169.9
-32.5°	1253.9	1300.4	1326.2	1323.1	1326.2	1300.4	1253.9	1192.6	1111.8	1031.6	958.1
-35°	984.8	1008.1	1020.6	1026.6	1020.6	1008.1	984.8	951.3	907.2	856.7	810.7
-37.5°	812.3	824.0	829.6	830.2	829.6	824.0	812.3	794.0	767.9	733.7	704.8
-40°	695.4	700.2	701.2	700.5	701.2	700.2	695.4	685.1	668.2	647.0	626.9
-42.5°	611.0	615.1	616.3	615.2	616.3	615.1	611.0	603.2	593.1	580.6	567.4
-45°	546.6	549.3	550.0	548.5	550.0	549.3	546.6	542.1	536.4	527.9	516.6
-47.5°	499.1	499.3	498.4	496.6	498.4	499.3	499.1	497.0	492.7	486.4	478.6
-50°	461.3	462.0	461.4	459.6	461.4	462.0	461.3	459.5	456.4	452.2	446.9
-52.5°	429.8	429.4	429.5	429.9	429.5	429.4	429.8	429.6	428.5	426.0	422.4
-55°	407.7	407.2	405.9	404.0	405.9	407.2	407.7	407.6	406.8	404.2	401.0
-57.5°	385.1	384.7	383.5	381.7	383.5	384.7	385.1	384.8	383.7	381.5	378.9
-60°	358.9	358.6	357.6	355.8	357.6	358.6	358.9	358.4	357.2	355.3	352.6
-62.5°	328.7	328.7	327.8	326.1	327.8	328.7	328.7	327.8	326.1	323.9	321.2
-65°	292.2	291.8	292.4	292.8	292.4	291.8	292.2	291.8	290.8	289.3	286.9
-67.5°	258.9	258.5	257.4	255.7	257.4	258.5	258.9	258.6	257.5	255.3	252.1
-70°	224.6	225.0	224.1	222.4	224.1	225.0	224.6	223.7	222.4	220.7	218.3
-72.5°	189.1	188.3	188.8	189.0	188.8	188.3	189.1	189.4	189.3	188.5	186.5
-75°	156.0	155.0	155.5	155.7	155.5	155.0	156.0	156.5	156.7	156.3	154.8
-77.5°	122.8	121.7	120.3	118.6	120.3	121.7	122.8	123.5	123.7	123.4	122.1
-80°	88.9	88.5	87.0	85.2	87.0	88.5	88.9	89.0	89.0	88.7	88.0
-82.5°	59.6	59.0	59.2	59.3	59.2	59.0	59.6	60.0	60.3	60.3	59.4
-85°	34.0	33.2	33.4	33.4	33.4	33.2	34.0	34.6	35.1	35.6	35.0
-87.5°	11.9	11.1	11.1	11.1	11.1	11.1	11.9	12.8	13.6	14.3	14.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627179 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-750-U-NR-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°	13.9	13.7	13.4	13.1	12.8	12.5	12.1	11.7	11.3	10.9	10.5
85°	34.4	33.7	32.9	32.0	31.1	30.1	29.0	27.3	25.6	24.0	22.5
82.5°	58.3	57.1	55.7	54.2	52.5	50.8	48.8	46.2	43.4	40.2	37.0
80°	86.9	85.6	83.7	80.6	77.4	74.2	71.1	68.0	64.7	61.3	57.7
77.5°	120.4	118.4	115.5	110.6	105.6	100.4	95.5	91.4	87.3	83.0	78.5
75°	152.8	150.6	147.3	142.0	135.9	128.9	122.5	117.3	111.8	106.0	100.0
72.5°	184.1	181.3	177.8	173.3	168.2	161.9	154.1	145.8	137.8	130.2	123.0
70°	215.3	211.9	208.3	203.9	198.7	192.7	185.0	175.6	165.0	154.6	146.8
67.5°	248.2	243.6	239.8	236.1	231.3	225.2	216.3	206.6	196.1	184.1	173.0
65°	283.2	278.2	273.4	268.8	263.6	257.7	248.6	237.9	226.5	214.5	201.9
62.5°	318.2	314.7	309.2	302.6	295.7	288.3	279.8	269.3	257.0	243.0	229.2
60°	349.3	345.1	338.8	332.3	325.7	317.4	306.5	296.9	288.7	272.9	256.3
57.5°	376.0	371.1	363.7	356.7	350.3	340.5	329.4	318.5	307.8	296.9	282.7
55°	397.2	392.0	385.3	377.4	368.6	359.6	349.4	337.8	326.4	316.4	303.3
52.5°	417.7	412.6	406.1	398.4	389.1	378.5	367.4	355.8	345.2	334.9	323.1
50°	441.3	434.9	427.7	419.8	409.6	398.2	386.3	373.8	362.9	352.4	341.2
47.5°	470.7	461.3	450.8	441.3	430.1	417.6	404.9	392.4	380.4	368.0	356.8
45°	505.7	493.0	479.3	466.4	451.9	438.3	423.6	410.6	397.8	384.4	370.5
42.5°	550.2	531.0	513.1	495.5	477.5	461.1	444.3	429.2	414.7	400.5	385.5
40°	604.7	578.8	555.3	529.4	507.3	485.8	466.7	447.6	431.6	416.1	399.7
37.5°	671.6	637.8	605.6	572.1	542.6	514.4	490.5	468.5	447.6	430.8	413.4
35°	757.3	711.1	665.0	623.3	583.4	548.7	516.8	490.5	466.7	444.8	426.6
32.5°	873.2	807.8	737.8	684.1	631.5	586.0	547.9	514.4	485.8	461.1	439.2
30°	1043.5	936.3	840.0	754.7	688.4	629.7	580.0	541.2	507.3	477.5	451.9
27.5°	1287.7	1103.2	973.2	847.7	750.7	679.7	619.6	568.8	528.9	495.5	466.1
25°	1633.7	1353.9	1128.2	964.4	832.5	731.5	660.8	601.9	553.1	512.9	477.6
22.5°	2108.2	1684.4	1338.0	1089.6	926.9	801.1	705.6	634.6	575.2	528.1	489.7
20°	2806.0	2078.6	1609.4	1268.6	1032.7	867.9	752.4	668.8	600.1	543.9	500.3
17.5°	3634.2	2625.1	1906.4	1451.6	1156.6	953.6	806.5	700.2	622.7	557.7	508.9
15°	4517.1	3244.4	2321.4	1695.9	1283.2	1026.9	851.6	728.0	644.2	572.9	519.5
12.5°	5644.4	3912.1	2685.4	1899.8	1407.7	1106.8	904.0	763.3	665.4	589.2	530.7
10°	6710.8	4608.4	3128.5	2168.4	1559.2	1185.1	950.5	790.5	681.8	602.3	539.8
7.5°	7718.4	5277.9	3511.5	2372.9	1676.3	1247.5	984.9	810.1	693.5	611.4	546.7
5°	8456.8	5776.2	3811.3	2530.6	1759.0	1292.6	1007.3	822.3	700.4	616.7	551.4
2.5°	9018.6	6106.4	3993.7	2623.0	1806.2	1319.3	1020.6	831.6	707.1	621.1	556.6
0°	9276.6	6233.8	4054.6	2672.2	1834.6	1326.8	1026.6	837.6	711.6	622.6	559.6
-2.5°	9018.6	6106.4	3993.7	2623.0	1806.2	1319.3	1020.6	831.6	707.1	621.1	556.6
-5°	8456.8	5776.2	3811.3	2530.6	1759.0	1292.6	1007.3	822.3	700.4	616.7	551.4
-7.5°	7718.4	5277.9	3511.5	2372.9	1676.3	1247.5	984.9	810.1	693.5	611.4	546.7
-10°	6710.8	4608.4	3128.5	2168.4	1559.2	1185.1	950.5	790.5	681.8	602.3	539.8
-12.5°	5644.4	3912.1	2685.4	1899.8	1407.7	1106.8	904.0	763.3	665.4	589.2	530.7
-15°	4517.1	3244.4	2321.4	1695.9	1283.2	1026.9	851.6	728.0	644.2	572.9	519.5
-17.5°	3634.2	2625.1	1906.4	1451.6	1156.6	953.6	806.5	700.2	622.7	557.7	508.9
-20°	2806.0	2078.6	1609.4	1268.6	1032.7	867.9	752.4	668.8	600.1	543.9	500.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627179 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2108.2	1684.4	1338.0	1089.6	926.9	801.1	705.6	634.6	575.2	528.1	489.7
-25°	1633.7	1353.9	1128.2	964.4	832.5	731.5	660.8	601.9	553.1	512.9	477.6
-27.5°	1287.7	1103.2	973.2	847.7	750.7	679.7	619.6	568.8	528.9	495.5	466.1
-30°	1043.5	936.3	840.0	754.7	688.4	629.7	580.0	541.2	507.3	477.5	451.9
-32.5°	873.2	807.8	737.8	684.1	631.5	586.0	547.9	514.4	485.8	461.1	439.2
-35°	757.3	711.1	665.0	623.3	583.4	548.7	516.8	490.5	466.7	444.8	426.6
-37.5°	671.6	637.8	605.6	572.1	542.6	514.4	490.5	468.5	447.6	430.8	413.4
-40°	604.7	578.8	555.3	529.4	507.3	485.8	466.7	447.6	431.6	416.1	399.7
-42.5°	550.2	531.0	513.1	495.5	477.5	461.1	444.3	429.2	414.7	400.5	385.5
-45°	505.7	493.0	479.3	466.4	451.9	438.3	423.6	410.6	397.8	384.4	370.5
-47.5°	470.7	461.3	450.8	441.3	430.1	417.6	404.9	392.4	380.4	368.0	356.8
-50°	441.3	434.9	427.7	419.8	409.6	398.2	386.3	373.8	362.9	352.4	341.2
-52.5°	417.7	412.6	406.1	398.4	389.1	378.5	367.4	355.8	345.2	334.9	323.1
-55°	397.2	392.0	385.3	377.4	368.6	359.6	349.4	337.8	326.4	316.4	303.3
-57.5°	376.0	371.1	363.7	356.7	350.3	340.5	329.4	318.5	307.8	296.9	282.7
-60°	349.3	345.1	338.8	332.3	325.7	317.4	306.5	296.9	288.7	272.9	256.3
-62.5°	318.2	314.7	309.2	302.6	295.7	288.3	279.8	269.3	257.0	243.0	229.2
-65°	283.2	278.2	273.4	268.8	263.6	257.7	248.6	237.9	226.5	214.5	201.9
-67.5°	248.2	243.6	239.8	236.1	231.3	225.2	216.3	206.6	196.1	184.1	173.0
-70°	215.3	211.9	208.3	203.9	198.7	192.7	185.0	175.6	165.0	154.6	146.8
-72.5°	184.1	181.3	177.8	173.3	168.2	161.9	154.1	145.8	137.8	130.2	123.0
-75°	152.8	150.6	147.3	142.0	135.9	128.9	122.5	117.3	111.8	106.0	100.0
-77.5°	120.4	118.4	115.5	110.6	105.6	100.4	95.5	91.4	87.3	83.0	78.5
-80°	86.9	85.6	83.7	80.6	77.4	74.2	71.1	68.0	64.7	61.3	57.7
-82.5°	58.3	57.1	55.7	54.2	52.5	50.8	48.8	46.2	43.4	40.2	37.0
-85°	34.4	33.7	32.9	32.0	31.1	30.1	29.0	27.3	25.6	24.0	22.5
-87.5°	13.9	13.7	13.4	13.1	12.8	12.5	12.1	11.7	11.3	10.9	10.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627179 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-750-U-NR-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°	10.0	9.5	9.0	8.5	8.0	7.4	6.8	6.3	5.7	5.1	4.4
85°	21.7	20.6	19.4	18.1	16.4	14.8	13.7	12.5	11.3	10.1	8.9
82.5°	35.1	33.8	32.5	30.8	28.4	25.9	23.3	20.7	18.0	15.3	13.3
80°	54.3	51.0	47.7	44.5	40.8	36.9	33.5	30.0	26.5	22.9	19.2
77.5°	73.8	68.9	63.8	59.2	54.5	49.7	44.7	39.7	34.9	30.4	25.8
75°	93.6	87.7	81.6	75.3	68.9	62.3	56.4	50.4	44.2	37.9	32.3
72.5°	115.6	107.9	100.0	91.9	84.4	76.6	68.7	60.9	53.8	46.5	39.0
70°	138.6	129.1	119.6	110.5	100.9	90.9	81.8	72.6	63.2	54.9	46.5
67.5°	162.7	153.0	141.8	129.7	118.8	107.5	95.3	84.5	73.9	63.2	53.8
65°	189.1	176.9	165.3	151.3	137.6	124.4	111.2	96.9	84.5	72.6	60.9
62.5°	214.8	200.2	186.3	171.9	157.0	141.8	126.8	110.8	95.2	81.8	68.7
60°	240.4	224.2	206.8	190.5	174.9	158.9	141.9	124.3	107.2	90.9	76.6
57.5°	264.7	247.6	228.0	208.9	191.4	174.7	156.5	137.3	118.7	100.7	84.3
55°	287.3	268.3	247.9	227.1	207.4	189.1	170.3	149.9	129.9	110.5	91.7
52.5°	308.1	288.2	266.5	244.5	222.9	202.9	183.1	162.0	140.6	119.9	99.6
50°	327.4	308.0	284.9	261.3	237.7	216.6	195.7	173.6	150.9	128.9	107.4
47.5°	344.2	325.8	303.5	277.9	252.7	230.0	208.1	184.9	160.6	137.5	114.9
45°	357.9	342.3	320.7	295.0	268.1	244.0	220.2	196.0	170.6	145.8	122.1
42.5°	370.6	356.0	336.7	311.8	283.8	257.7	232.1	206.8	180.3	153.7	129.0
40°	383.6	368.1	351.4	326.4	298.5	270.9	244.1	217.3	189.6	161.5	135.6
37.5°	395.7	379.6	362.7	340.0	311.8	283.3	255.6	227.5	198.4	169.2	141.9
35°	408.0	390.0	372.5	350.6	323.3	294.6	266.5	237.3	206.6	176.4	147.8
32.5°	419.8	399.7	380.7	359.3	333.9	304.7	276.3	245.8	214.3	183.0	153.3
30°	430.4	408.6	388.6	367.7	342.9	313.6	284.5	253.5	221.5	189.1	158.5
27.5°	439.0	416.1	396.2	374.9	350.0	321.6	291.7	260.4	228.1	194.7	163.4
25°	447.6	423.0	402.2	381.4	356.8	329.7	298.4	266.6	233.9	200.0	167.8
22.5°	457.1	429.3	406.9	387.7	363.6	337.4	304.8	271.9	238.9	204.8	171.8
20°	465.5	434.9	410.4	392.6	369.1	343.2	310.9	276.7	243.2	209.1	175.2
17.5°	472.9	440.8	415.0	395.5	373.4	348.2	316.5	281.0	246.8	212.7	178.1
15°	480.5	447.0	419.1	397.8	376.9	352.3	321.6	284.7	249.8	215.9	180.8
12.5°	487.4	452.1	422.5	399.7	379.5	355.6	326.1	287.8	252.0	218.5	183.2
10°	493.1	456.0	424.9	400.9	381.4	358.2	329.9	290.7	254.5	220.5	185.2
7.5°	497.5	458.7	426.5	401.6	382.6	360.3	333.2	294.1	256.6	221.9	186.8
5°	500.8	460.9	429.0	403.9	384.2	361.9	335.5	296.9	258.1	222.6	188.0
2.5°	503.2	462.7	431.7	406.1	385.1	362.9	336.9	298.9	259.1	222.8	188.7
0°	504.0	463.3	433.6	407.7	385.4	363.2	337.3	300.2	259.4	222.4	189.0
-2.5°	503.2	462.7	431.7	406.1	385.1	362.9	336.9	298.9	259.1	222.8	188.7
-5°	500.8	460.9	429.0	403.9	384.2	361.9	335.5	296.9	258.1	222.6	188.0
-7.5°	497.5	458.7	426.5	401.6	382.6	360.3	333.2	294.1	256.6	221.9	186.8
-10°	493.1	456.0	424.9	400.9	381.4	358.2	329.9	290.7	254.5	220.5	185.2
-12.5°	487.4	452.1	422.5	399.7	379.5	355.6	326.1	287.8	252.0	218.5	183.2
-15°	480.5	447.0	419.1	397.8	376.9	352.3	321.6	284.7	249.8	215.9	180.8
-17.5°	472.9	440.8	415.0	395.5	373.4	348.2	316.5	281.0	246.8	212.7	178.1
-20°	465.5	434.9	410.4	392.6	369.1	343.2	310.9	276.7	243.2	209.1	175.2



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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°	457.1	429.3	406.9	387.7	363.6	337.4	304.8	271.9	238.9	204.8	171.8
-25°	447.6	423.0	402.2	381.4	356.8	329.7	298.4	266.6	233.9	200.0	167.8
-27.5°	439.0	416.1	396.2	374.9	350.0	321.6	291.7	260.4	228.1	194.7	163.4
-30°	430.4	408.6	388.6	367.7	342.9	313.6	284.5	253.5	221.5	189.1	158.5
-32.5°	419.8	399.7	380.7	359.3	333.9	304.7	276.3	245.8	214.3	183.0	153.3
-35°	408.0	390.0	372.5	350.6	323.3	294.6	266.5	237.3	206.6	176.4	147.8
-37.5°	395.7	379.6	362.7	340.0	311.8	283.3	255.6	227.5	198.4	169.2	141.9
-40°	383.6	368.1	351.4	326.4	298.5	270.9	244.1	217.3	189.6	161.5	135.6
-42.5°	370.6	356.0	336.7	311.8	283.8	257.7	232.1	206.8	180.3	153.7	129.0
-45°	357.9	342.3	320.7	295.0	268.1	244.0	220.2	196.0	170.6	145.8	122.1
-47.5°	344.2	325.8	303.5	277.9	252.7	230.0	208.1	184.9	160.6	137.5	114.9
-50°	327.4	308.0	284.9	261.3	237.7	216.6	195.7	173.6	150.9	128.9	107.4
-52.5°	308.1	288.2	266.5	244.5	222.9	202.9	183.1	162.0	140.6	119.9	99.6
-55°	287.3	268.3	247.9	227.1	207.4	189.1	170.3	149.9	129.9	110.5	91.7
-57.5°	264.7	247.6	228.0	208.9	191.4	174.7	156.5	137.3	118.7	100.7	84.3
-60°	240.4	224.2	206.8	190.5	174.9	158.9	141.9	124.3	107.2	90.9	76.6
-62.5°	214.8	200.2	186.3	171.9	157.0	141.8	126.8	110.8	95.2	81.8	68.7
-65°	189.1	176.9	165.3	151.3	137.6	124.4	111.2	96.9	84.5	72.6	60.9
-67.5°	162.7	153.0	141.8	129.7	118.8	107.5	95.3	84.5	73.9	63.2	53.8
-70°	138.6	129.1	119.6	110.5	100.9	90.9	81.8	72.6	63.2	54.9	46.5
-72.5°	115.6	107.9	100.0	91.9	84.4	76.6	68.7	60.9	53.8	46.5	39.0
-75°	93.6	87.7	81.6	75.3	68.9	62.3	56.4	50.4	44.2	37.9	32.3
-77.5°	73.8	68.9	63.8	59.2	54.5	49.7	44.7	39.7	34.9	30.4	25.8
-80°	54.3	51.0	47.7	44.5	40.8	36.9	33.5	30.0	26.5	22.9	19.2
-82.5°	35.1	33.8	32.5	30.8	28.4	25.9	23.3	20.7	18.0	15.3	13.3
-85°	21.7	20.6	19.4	18.1	16.4	14.8	13.7	12.5	11.3	10.1	8.9
-87.5°	10.0	9.5	9.0	8.5	8.0	7.4	6.8	6.3	5.7	5.1	4.4
-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°	3.8	3.2	2.6	1.9	1.3	0.6	0.0
85°	7.7	6.4	5.1	3.9	2.6	1.1	0.0
82.5°	11.5	9.6	7.7	5.8	3.9	1.7	0.0
80°	15.5	12.8	10.2	7.7	5.1	2.2	0.0
77.5°	21.1	16.4	12.8	9.6	6.4	2.8	0.0
75°	26.7	20.8	15.4	11.5	7.6	3.3	0.0
72.5°	32.1	25.2	18.8	13.3	8.8	3.9	0.0
70°	37.6	29.5	22.1	15.3	10.0	4.4	0.0
67.5°	43.8	33.7	25.4	17.6	11.1	4.9	0.0
65°	49.9	38.3	28.5	19.9	12.2	5.4	0.0
62.5°	55.8	43.3	31.6	22.1	13.3	5.9	0.0
60°	61.6	48.1	34.6	24.3	14.3	6.3	0.0
57.5°	68.0	52.9	38.3	26.4	15.6	6.8	0.0
55°	74.3	57.4	42.0	28.5	16.9	7.2	0.0
52.5°	80.5	62.0	45.6	30.4	18.2	7.6	0.0
50°	86.4	66.9	49.0	32.3	19.5	8.0	0.0
47.5°	92.2	71.7	52.3	34.2	20.7	8.4	0.0
45°	98.3	76.2	55.4	36.6	21.9	8.8	0.0
42.5°	104.2	80.5	58.5	38.8	23.0	9.1	0.0
40°	109.9	84.7	61.6	41.1	24.1	9.4	0.0
37.5°	115.2	88.6	64.7	43.2	25.1	9.7	0.0
35°	120.2	92.6	67.6	45.2	26.1	10.0	0.0
32.5°	124.9	96.5	70.4	47.1	27.0	10.2	0.0
30°	129.3	100.1	72.9	48.8	27.9	10.4	0.0
27.5°	133.4	103.5	75.4	50.5	28.7	10.6	0.0
25°	137.1	106.6	77.7	52.0	29.5	10.8	0.0
22.5°	140.4	109.3	79.8	53.4	30.2	10.9	0.0
20°	143.4	111.7	81.7	54.6	30.9	11.0	0.0
17.5°	145.9	113.8	83.4	55.7	31.4	11.1	0.0
15°	148.0	115.5	84.8	56.6	31.9	11.2	0.0
12.5°	149.6	116.8	86.1	57.4	32.4	11.2	0.0
10°	150.9	117.8	87.1	58.1	32.7	11.2	0.0
7.5°	151.7	118.5	87.9	58.6	33.0	11.2	0.0
5°	152.2	118.8	88.4	59.0	33.2	11.2	0.0
2.5°	152.3	118.9	88.8	59.2	33.4	11.2	0.0
0°	152.0	118.6	88.9	59.3	33.4	11.1	0.0
-2.5°	152.3	118.9	88.8	59.2	33.4	11.2	0.0
-5°	152.2	118.8	88.4	59.0	33.2	11.2	0.0
-7.5°	151.7	118.5	87.9	58.6	33.0	11.2	0.0
-10°	150.9	117.8	87.1	58.1	32.7	11.2	0.0
-12.5°	149.6	116.8	86.1	57.4	32.4	11.2	0.0
-15°	148.0	115.5	84.8	56.6	31.9	11.2	0.0
-17.5°	145.9	113.8	83.4	55.7	31.4	11.1	0.0
-20°	143.4	111.7	81.7	54.6	30.9	11.0	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	140.4	109.3	79.8	53.4	30.2	10.9	0.0
-25°	137.1	106.6	77.7	52.0	29.5	10.8	0.0
-27.5°	133.4	103.5	75.4	50.5	28.7	10.6	0.0
-30°	129.3	100.1	72.9	48.8	27.9	10.4	0.0
-32.5°	124.9	96.5	70.4	47.1	27.0	10.2	0.0
-35°	120.2	92.6	67.6	45.2	26.1	10.0	0.0
-37.5°	115.2	88.6	64.7	43.2	25.1	9.7	0.0
-40°	109.9	84.7	61.6	41.1	24.1	9.4	0.0
-42.5°	104.2	80.5	58.5	38.8	23.0	9.1	0.0
-45°	98.3	76.2	55.4	36.6	21.9	8.8	0.0
-47.5°	92.2	71.7	52.3	34.2	20.7	8.4	0.0
-50°	86.4	66.9	49.0	32.3	19.5	8.0	0.0
-52.5°	80.5	62.0	45.6	30.4	18.2	7.6	0.0
-55°	74.3	57.4	42.0	28.5	16.9	7.2	0.0
-57.5°	68.0	52.9	38.3	26.4	15.6	6.8	0.0
-60°	61.6	48.1	34.6	24.3	14.3	6.3	0.0
-62.5°	55.8	43.3	31.6	22.1	13.3	5.9	0.0
-65°	49.9	38.3	28.5	19.9	12.2	5.4	0.0
-67.5°	43.8	33.7	25.4	17.6	11.1	4.9	0.0
-70°	37.6	29.5	22.1	15.3	10.0	4.4	0.0
-72.5°	32.1	25.2	18.8	13.3	8.8	3.9	0.0
-75°	26.7	20.8	15.4	11.5	7.6	3.3	0.0
-77.5°	21.1	16.4	12.8	9.6	6.4	2.8	0.0
-80°	15.5	12.8	10.2	7.7	5.1	2.2	0.0
-82.5°	11.5	9.6	7.7	5.8	3.9	1.7	0.0
-85°	7.7	6.4	5.1	3.9	2.6	1.1	0.0
-87.5°	3.8	3.2	2.6	1.9	1.3	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)