

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: P626847 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-730-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626847 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2B-730-U-MWR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N43
Light Source: (32) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

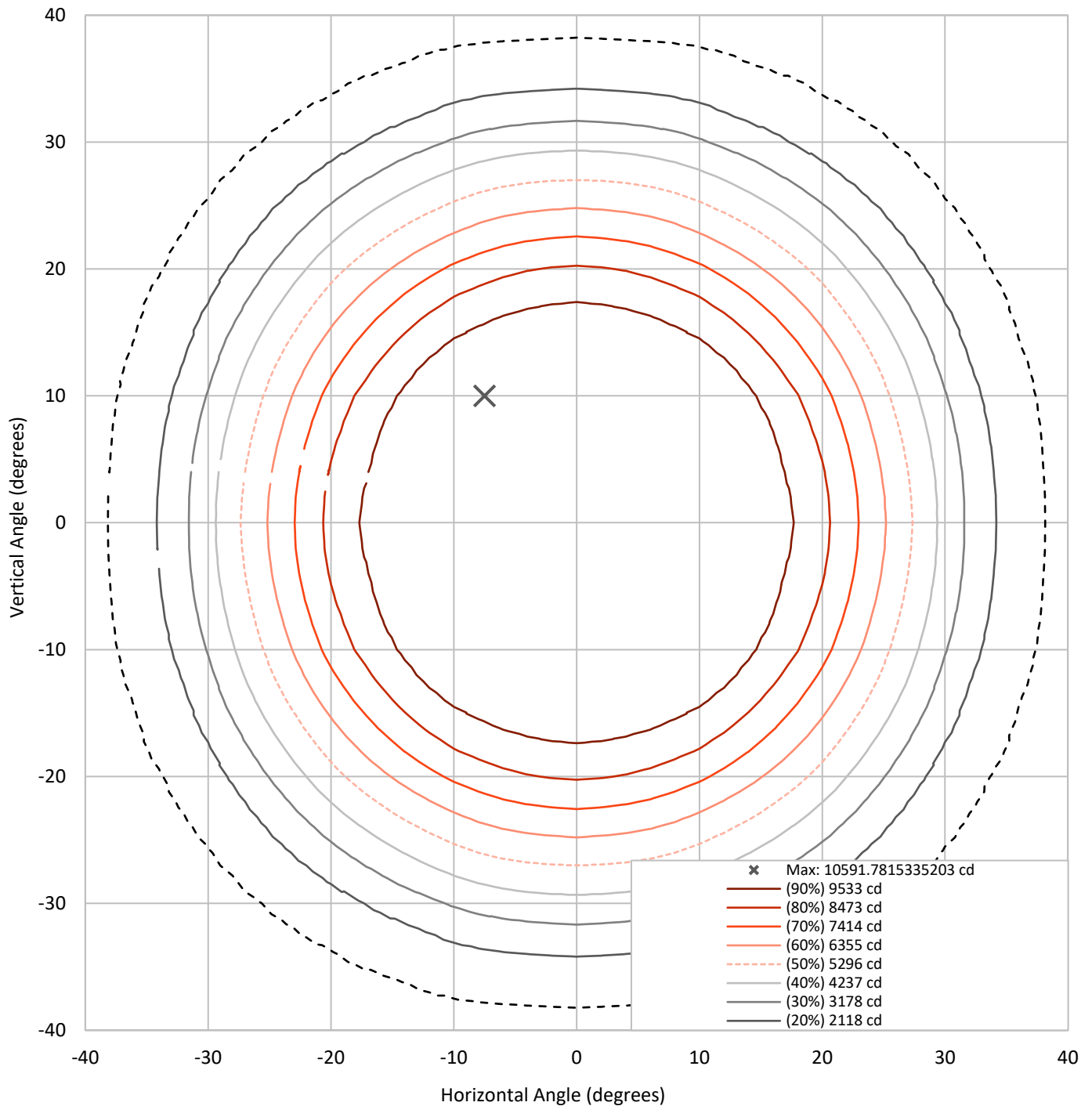
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	9014.6 lumens	Max Intensity:	10591.8 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	141.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	5983.3 lumens	Field Lumens:	7780.1 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	63.6		
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





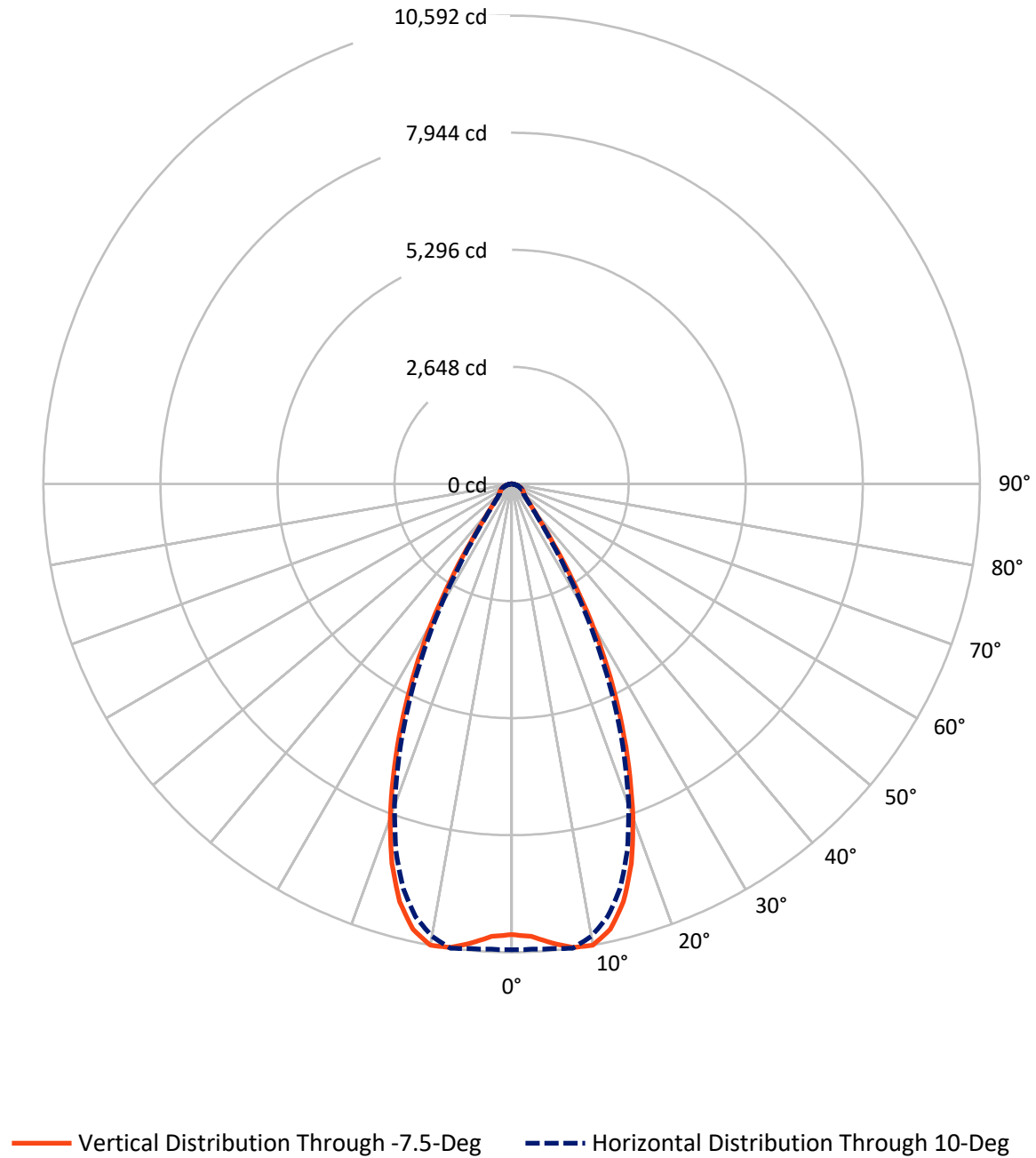
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Lumen Table

90	0.2	2.1	5.7	9.0	10.0	9.0	5.7	2.1	0.2							
80	0.2	2.1	5.7	9.0	10.0	9.0	5.7	2.1	0.2							
70	1.0	1.1	2.2	3.6	5.1	6.1	6.9	7.3	7.3	6.9	6.1	5.1	3.6	2.2	1.1	1.0
60		1.6	3.3	5.2	7.0	8.4	9.4	9.8	9.8	9.4	8.4	7.0	5.2	3.3	1.6	
50	1.7	2.1	4.1	6.3	8.5	11.0	13.8	15.9	15.9	13.8	11.0	8.5	6.3	4.1	2.1	1.7
40		2.5	4.8	7.3	11.2	20.5	39.2	58.1	58.1	39.2	20.5	11.2	7.3	4.8	2.5	
30	2.2	2.8	5.2	8.5	18.5	57.9	129.8	181.3	181.3	129.8	57.9	18.5	8.5	5.2	2.8	2.2
20		3.0	5.5	10.1	33.4	123.4	235.6	294.9	294.9	235.6	123.4	33.4	10.1	5.5	3.0	
10	2.4	3.1	5.6	11.3	48.1	168.8	285.8	311.0	311.0	285.8	168.8	48.1	11.3	5.6	3.1	2.4
0		3.1	5.6	11.3	48.1	168.8	285.8	311.0	311.0	285.8	168.8	48.1	11.3	5.6	3.1	
-10	2.2	3.0	5.5	10.1	33.4	123.4	235.6	294.9	294.9	235.6	123.4	33.4	10.1	5.5	3.0	2.2
-20		2.8	5.2	8.5	18.5	57.9	129.8	181.3	181.3	129.8	57.9	18.5	8.5	5.2	2.8	
-30	1.7	2.5	4.8	7.3	11.2	20.5	39.2	58.1	58.1	39.2	20.5	11.2	7.3	4.8	2.5	1.7
-40		2.1	4.1	6.3	8.5	11.0	13.8	15.9	15.9	13.8	11.0	8.5	6.3	4.1	2.1	
-50	1.0	1.6	3.3	5.2	7.0	8.4	9.4	9.8	9.8	9.4	8.4	7.0	5.2	3.3	1.6	1.0
-60		1.1	2.2	3.6	5.1	6.1	6.9	7.3	7.3	6.9	6.1	5.1	3.6	2.2	1.1	
-70	0.2	2.1	5.7	9.0	10.0	9.0	5.7	2.1	0.2							
-80		0.2	2.1	5.7	9.0	10.0	9.0	5.7	2.1	0.2						
-90	0.2	2.1	5.7	9.0	10.0	9.0	5.7	2.1	0.2							

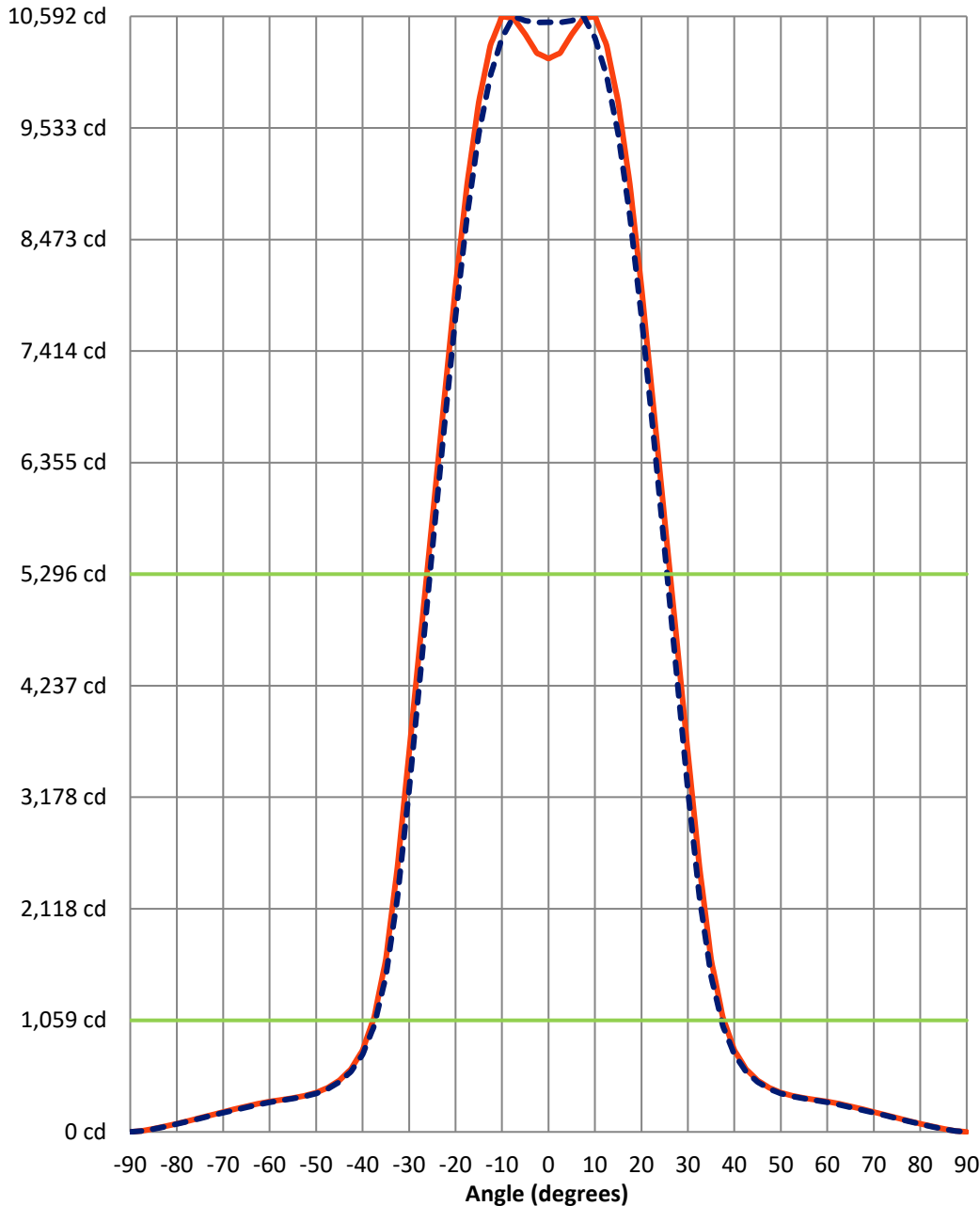
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 5983.3
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 7780.1
 Efficiency: 86.3%

Spill:
 Lumens: 1234.5
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg
 - - - Horizontal Distribution through 10-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	0.8	1.2	1.6	2.0	2.4	2.9	3.5	4.1	4.7
85°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.9	7.0	8.1	9.4
82.5°	0.0	1.2	2.4	3.6	4.8	6.0	7.2	8.8	10.6	13.4	16.0
80°	0.0	1.6	3.2	4.8	6.4	8.0	9.9	13.6	17.2	20.6	23.8
77.5°	0.0	2.0	4.0	6.0	8.0	10.8	15.1	19.5	23.8	27.8	32.1
75°	0.0	2.4	4.8	7.2	9.9	15.1	20.2	25.4	30.5	36.3	42.0
72.5°	0.0	2.8	5.6	8.4	13.3	19.4	25.3	31.5	38.4	45.2	51.9
70°	0.0	3.2	6.4	9.8	16.7	23.5	30.5	38.4	46.3	54.0	62.1
67.5°	0.0	3.6	7.1	12.3	20.0	27.7	36.2	45.2	54.0	63.1	72.3
65°	0.0	3.9	7.9	14.7	23.2	32.0	41.9	51.9	61.8	71.9	82.7
62.5°	0.0	4.3	8.6	17.1	26.4	36.6	47.4	58.5	69.4	80.9	93.9
60°	0.0	4.6	9.3	19.4	29.5	41.0	52.8	64.9	76.8	90.6	104.8
57.5°	0.0	5.0	10.8	21.7	32.9	45.3	58.2	71.1	84.9	100.0	115.0
55°	0.0	5.3	12.2	23.9	36.2	49.5	63.5	77.2	93.0	109.1	124.9
52.5°	0.0	5.7	13.6	26.1	39.4	53.6	68.7	84.0	100.7	117.7	134.4
50°	0.0	6.0	15.0	28.2	42.5	57.8	73.7	90.5	108.1	126.0	143.7
47.5°	0.0	6.3	16.3	30.2	45.4	61.9	78.7	96.8	115.3	134.0	152.6
45°	0.0	6.6	17.5	32.3	48.3	65.8	83.8	102.8	122.2	141.8	161.3
42.5°	0.0	6.9	18.7	34.3	50.9	69.6	88.7	108.5	128.7	149.2	169.4
40°	0.0	7.1	19.8	36.2	53.7	73.3	93.3	113.9	134.9	156.2	177.2
37.5°	0.0	7.4	20.8	37.9	56.4	76.8	97.7	119.0	141.0	163.1	184.7
35°	0.0	7.6	21.8	39.5	59.1	80.1	101.7	123.8	146.7	169.4	191.7
32.5°	0.0	7.8	22.7	41.1	61.5	83.3	105.6	128.2	152.2	175.4	197.9
30°	0.0	8.1	23.5	42.5	63.9	86.3	109.1	132.4	157.3	180.9	203.6
27.5°	0.0	8.2	24.3	43.8	65.9	89.0	112.3	136.5	162.0	185.9	208.9
25°	0.0	8.4	25.0	44.9	67.8	91.5	115.3	140.3	166.1	190.3	213.8
22.5°	0.0	8.6	25.6	46.0	69.5	93.7	117.9	143.7	169.7	194.2	218.2
20°	0.0	8.7	26.1	46.9	71.0	95.6	120.3	146.8	173.0	197.7	222.2
17.5°	0.0	8.9	26.6	47.8	72.3	97.3	122.4	149.6	175.8	200.7	225.6
15°	0.0	9.0	27.0	48.5	73.4	98.7	124.3	152.1	178.1	203.4	228.6
12.5°	0.0	9.1	27.3	49.0	74.3	99.8	125.9	154.3	180.3	205.5	231.0
10°	0.0	9.2	27.6	49.5	75.1	100.7	127.3	156.2	182.1	207.6	233.1
7.5°	0.0	9.2	27.7	49.8	75.6	101.4	128.4	157.6	183.5	209.2	234.9
5°	0.0	9.3	27.8	50.0	75.9	101.8	129.2	158.6	184.6	210.4	236.2
2.5°	0.0	9.3	27.8	50.1	76.1	102.0	129.6	159.2	185.2	211.1	237.0
0°	0.0	9.3	27.8	50.0	76.0	101.9	129.8	159.4	185.4	211.3	237.3
-2.5°	0.0	9.3	27.8	50.1	76.1	102.0	129.6	159.2	185.2	211.1	237.0
-5°	0.0	9.3	27.8	50.0	75.9	101.8	129.2	158.6	184.6	210.4	236.2
-7.5°	0.0	9.2	27.7	49.8	75.6	101.4	128.4	157.6	183.5	209.2	234.9
-10°	0.0	9.2	27.6	49.5	75.1	100.7	127.3	156.2	182.1	207.6	233.1
-12.5°	0.0	9.1	27.3	49.0	74.3	99.8	125.9	154.3	180.3	205.5	231.0
-15°	0.0	9.0	27.0	48.5	73.4	98.7	124.3	152.1	178.1	203.4	228.6
-17.5°	0.0	8.9	26.6	47.8	72.3	97.3	122.4	149.6	175.8	200.7	225.6
-20°	0.0	8.7	26.1	46.9	71.0	95.6	120.3	146.8	173.0	197.7	222.2

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CATALOG NUMBER: GFLD-SA2B-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	8.6	25.6	46.0	69.5	93.7	117.9	143.7	169.7	194.2	218.2
-25°	0.0	8.4	25.0	44.9	67.8	91.5	115.3	140.3	166.1	190.3	213.8
-27.5°	0.0	8.2	24.3	43.8	65.9	89.0	112.3	136.5	162.0	185.9	208.9
-30°	0.0	8.1	23.5	42.5	63.9	86.3	109.1	132.4	157.3	180.9	203.6
-32.5°	0.0	7.8	22.7	41.1	61.5	83.3	105.6	128.2	152.2	175.4	197.9
-35°	0.0	7.6	21.8	39.5	59.1	80.1	101.7	123.8	146.7	169.4	191.7
-37.5°	0.0	7.4	20.8	37.9	56.4	76.8	97.7	119.0	141.0	163.1	184.7
-40°	0.0	7.1	19.8	36.2	53.7	73.3	93.3	113.9	134.9	156.2	177.2
-42.5°	0.0	6.9	18.7	34.3	50.9	69.6	88.7	108.5	128.7	149.2	169.4
-45°	0.0	6.6	17.5	32.3	48.3	65.8	83.8	102.8	122.2	141.8	161.3
-47.5°	0.0	6.3	16.3	30.2	45.4	61.9	78.7	96.8	115.3	134.0	152.6
-50°	0.0	6.0	15.0	28.2	42.5	57.8	73.7	90.5	108.1	126.0	143.7
-52.5°	0.0	5.7	13.6	26.1	39.4	53.6	68.7	84.0	100.7	117.7	134.4
-55°	0.0	5.3	12.2	23.9	36.2	49.5	63.5	77.2	93.0	109.1	124.9
-57.5°	0.0	5.0	10.8	21.7	32.9	45.3	58.2	71.1	84.9	100.0	115.0
-60°	0.0	4.6	9.3	19.4	29.5	41.0	52.8	64.9	76.8	90.6	104.8
-62.5°	0.0	4.3	8.6	17.1	26.4	36.6	47.4	58.5	69.4	80.9	93.9
-65°	0.0	3.9	7.9	14.7	23.2	32.0	41.9	51.9	61.8	71.9	82.7
-67.5°	0.0	3.6	7.1	12.3	20.0	27.7	36.2	45.2	54.0	63.1	72.3
-70°	0.0	3.2	6.4	9.8	16.7	23.5	30.5	38.4	46.3	54.0	62.1
-72.5°	0.0	2.8	5.6	8.4	13.3	19.4	25.3	31.5	38.4	45.2	51.9
-75°	0.0	2.4	4.8	7.2	9.9	15.1	20.2	25.4	30.5	36.3	42.0
-77.5°	0.0	2.0	4.0	6.0	8.0	10.8	15.1	19.5	23.8	27.8	32.1
-80°	0.0	1.6	3.2	4.8	6.4	8.0	9.9	13.6	17.2	20.6	23.8
-82.5°	0.0	1.2	2.4	3.6	4.8	6.0	7.2	8.8	10.6	13.4	16.0
-85°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.9	7.0	8.1	9.4
-87.5°	0.0	0.4	0.8	1.2	1.6	2.0	2.4	2.9	3.5	4.1	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	12.6	14.1	15.5	16.9	18.2	19.5	20.8	21.9	23.1
82.5°	18.4	20.8	23.2	25.7	27.9	30.0	32.0	34.1	36.2	38.3	40.4
80°	27.0	30.4	34.2	37.8	41.0	44.1	47.0	49.8	52.9	56.1	59.4
77.5°	37.0	41.8	46.3	50.5	54.5	59.0	63.2	67.3	71.6	75.8	79.8
75°	47.7	53.2	58.9	64.5	70.0	75.3	80.5	85.8	91.1	96.4	101.5
72.5°	58.8	65.7	72.4	79.0	85.8	92.4	98.8	105.0	111.4	117.9	124.1
70°	70.2	78.1	86.4	94.5	102.1	109.9	117.7	125.3	132.6	140.2	147.6
67.5°	81.8	91.7	101.1	110.0	119.0	128.2	137.0	146.0	154.7	163.5	171.8
65°	94.6	105.4	115.6	125.9	136.1	146.8	157.2	167.3	177.4	187.2	196.0
62.5°	107.1	118.6	129.9	141.5	153.8	165.8	177.1	188.6	200.4	210.7	219.6
60°	118.6	131.3	144.0	157.3	170.8	183.7	196.4	208.9	221.6	233.5	240.7
57.5°	129.7	143.8	157.8	172.1	186.3	200.7	214.1	227.9	239.7	249.6	258.1
55°	140.5	155.8	170.8	185.7	201.0	216.1	230.7	243.8	255.3	263.6	271.7
52.5°	151.0	167.2	182.6	198.8	215.1	231.1	246.3	258.5	267.9	276.4	284.0
50°	161.2	177.6	193.9	211.5	228.7	245.6	259.9	270.6	280.2	288.4	296.4
47.5°	170.7	187.8	205.3	223.7	241.9	258.2	271.4	282.5	292.3	301.3	310.7
45°	179.9	198.1	216.5	235.6	254.1	269.9	282.6	294.6	303.8	313.8	324.7
42.5°	188.8	207.9	227.3	246.9	265.6	280.4	293.1	304.1	314.9	326.8	339.9
40°	197.3	217.2	237.4	257.9	276.5	289.7	302.1	313.7	326.8	341.0	356.1
37.5°	205.3	225.9	246.9	268.1	284.6	298.1	310.8	323.8	339.0	355.4	375.9
35°	212.7	234.1	255.7	276.1	291.8	306.0	319.2	333.7	351.5	372.9	399.2
32.5°	219.6	241.6	263.9	282.6	298.4	313.2	326.7	344.8	366.1	391.6	428.9
30°	226.0	248.5	270.8	289.0	304.3	319.2	335.7	356.1	381.0	418.2	465.9
27.5°	231.9	254.7	276.3	294.3	309.6	325.0	344.3	369.0	401.8	446.2	505.5
25°	237.3	260.7	281.6	298.7	314.6	331.6	352.6	380.3	423.5	480.9	560.9
22.5°	242.2	266.1	286.6	302.5	319.2	337.7	362.1	396.8	446.6	513.6	616.9
20°	246.6	270.2	290.4	306.1	323.5	342.7	370.6	412.5	472.5	559.3	691.1
17.5°	250.4	273.7	293.1	309.6	327.7	348.4	378.9	426.0	495.5	599.1	766.1
15°	253.7	276.8	295.5	312.6	331.3	354.9	390.4	443.7	522.3	640.6	831.5
12.5°	256.4	279.3	297.4	315.0	334.3	360.3	400.3	460.5	550.0	691.5	927.9
10°	258.6	281.3	298.9	316.9	336.6	364.7	408.2	474.1	573.1	735.6	1010.1
7.5°	260.6	282.7	299.9	318.2	338.3	367.9	414.3	484.7	590.7	770.3	1075.2
5°	262.0	283.6	300.5	319.0	339.7	370.0	418.5	492.0	602.9	795.0	1120.9
2.5°	262.9	283.9	300.6	319.2	340.7	370.9	420.6	496.0	612.5	806.7	1145.5
0°	263.2	283.6	300.3	318.8	341.1	370.7	420.8	496.8	617.3	806.3	1149.3
-2.5°	262.9	283.9	300.6	319.2	340.7	370.9	420.6	496.0	612.5	806.7	1145.5
-5°	262.0	283.6	300.5	319.0	339.7	370.0	418.5	492.0	602.9	795.0	1120.9
-7.5°	260.6	282.7	299.9	318.2	338.3	367.9	414.3	484.7	590.7	770.3	1075.2
-10°	258.6	281.3	298.9	316.9	336.6	364.7	408.2	474.1	573.1	735.6	1010.1
-12.5°	256.4	279.3	297.4	315.0	334.3	360.3	400.3	460.5	550.0	691.5	927.9
-15°	253.7	276.8	295.5	312.6	331.3	354.9	390.4	443.7	522.3	640.6	831.5
-17.5°	250.4	273.7	293.1	309.6	327.7	348.4	378.9	426.0	495.5	599.1	766.1
-20°	246.6	270.2	290.4	306.1	323.5	342.7	370.6	412.5	472.5	559.3	691.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626847 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	242.2	266.1	286.6	302.5	319.2	337.7	362.1	396.8	446.6	513.6	616.9
-25°	237.3	260.7	281.6	298.7	314.6	331.6	352.6	380.3	423.5	480.9	560.9
-27.5°	231.9	254.7	276.3	294.3	309.6	325.0	344.3	369.0	401.8	446.2	505.5
-30°	226.0	248.5	270.8	289.0	304.3	319.2	335.7	356.1	381.0	418.2	465.9
-32.5°	219.6	241.6	263.9	282.6	298.4	313.2	326.7	344.8	366.1	391.6	428.9
-35°	212.7	234.1	255.7	276.1	291.8	306.0	319.2	333.7	351.5	372.9	399.2
-37.5°	205.3	225.9	246.9	268.1	284.6	298.1	310.8	323.8	339.0	355.4	375.9
-40°	197.3	217.2	237.4	257.9	276.5	289.7	302.1	313.7	326.8	341.0	356.1
-42.5°	188.8	207.9	227.3	246.9	265.6	280.4	293.1	304.1	314.9	326.8	339.9
-45°	179.9	198.1	216.5	235.6	254.1	269.9	282.6	294.6	303.8	313.8	324.7
-47.5°	170.7	187.8	205.3	223.7	241.9	258.2	271.4	282.5	292.3	301.3	310.7
-50°	161.2	177.6	193.9	211.5	228.7	245.6	259.9	270.6	280.2	288.4	296.4
-52.5°	151.0	167.2	182.6	198.8	215.1	231.1	246.3	258.5	267.9	276.4	284.0
-55°	140.5	155.8	170.8	185.7	201.0	216.1	230.7	243.8	255.3	263.6	271.7
-57.5°	129.7	143.8	157.8	172.1	186.3	200.7	214.1	227.9	239.7	249.6	258.1
-60°	118.6	131.3	144.0	157.3	170.8	183.7	196.4	208.9	221.6	233.5	240.7
-62.5°	107.1	118.6	129.9	141.5	153.8	165.8	177.1	188.6	200.4	210.7	219.6
-65°	94.6	105.4	115.6	125.9	136.1	146.8	157.2	167.3	177.4	187.2	196.0
-67.5°	81.8	91.7	101.1	110.0	119.0	128.2	137.0	146.0	154.7	163.5	171.8
-70°	70.2	78.1	86.4	94.5	102.1	109.9	117.7	125.3	132.6	140.2	147.6
-72.5°	58.8	65.7	72.4	79.0	85.8	92.4	98.8	105.0	111.4	117.9	124.1
-75°	47.7	53.2	58.9	64.5	70.0	75.3	80.5	85.8	91.1	96.4	101.5
-77.5°	37.0	41.8	46.3	50.5	54.5	59.0	63.2	67.3	71.6	75.8	79.8
-80°	27.0	30.4	34.2	37.8	41.0	44.1	47.0	49.8	52.9	56.1	59.4
-82.5°	18.4	20.8	23.2	25.7	27.9	30.0	32.0	34.1	36.2	38.3	40.4
-85°	10.2	11.1	12.6	14.1	15.5	16.9	18.2	19.5	20.8	21.9	23.1
-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: P626847 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-730-U-MWR-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	9.0	8.8	8.7	8.4	9.0	9.6	10.2	10.7	10.4	10.0
85°	24.1	24.7	25.1	25.5	25.9	27.0	28.1	29.1	30.1	30.1	30.0
82.5°	42.4	43.8	45.0	46.1	47.0	48.4	49.6	50.6	51.5	52.2	52.7
80°	62.6	64.8	66.7	68.4	70.0	71.7	73.4	74.9	76.1	76.8	77.3
77.5°	83.8	87.1	90.0	92.7	95.3	97.9	100.3	102.4	104.3	104.7	104.6
75°	106.3	110.7	114.8	118.5	122.0	125.0	127.6	129.7	131.5	132.3	132.8
72.5°	130.0	135.3	140.1	144.5	148.2	151.3	154.0	156.3	158.3	159.5	160.3
70°	154.7	161.0	166.0	170.0	173.2	176.3	179.8	183.1	186.1	187.9	188.5
67.5°	179.5	186.1	190.6	194.3	197.2	200.3	204.6	208.5	212.0	214.4	215.8
65°	203.8	210.7	215.2	218.8	221.4	224.5	229.3	233.2	236.2	238.6	240.7
62.5°	227.8	234.8	239.8	244.0	247.9	251.2	255.2	258.5	261.0	263.3	265.9
60°	248.5	256.8	262.1	266.4	271.2	276.4	279.3	281.8	283.9	285.8	287.4
57.5°	265.5	272.8	279.6	284.8	289.8	294.7	298.2	300.5	302.3	303.7	304.3
55°	279.6	287.3	294.9	300.5	305.4	310.0	313.8	316.7	319.2	321.2	321.6
52.5°	292.4	300.9	308.4	314.9	321.4	326.7	330.9	334.9	338.5	341.3	342.6
50°	306.2	315.2	324.5	333.1	340.0	346.1	351.2	356.9	363.0	368.0	371.1
47.5°	320.8	331.1	342.3	353.0	361.2	370.2	378.7	387.2	398.4	407.9	414.9
45°	336.0	349.3	362.1	375.6	387.0	404.0	419.8	433.4	451.4	467.8	480.8
42.5°	354.0	370.5	386.2	407.9	430.5	453.7	478.8	500.3	528.5	557.2	580.4
40°	375.3	396.4	424.1	453.1	488.9	520.8	564.2	602.9	646.2	700.9	746.1
37.5°	400.9	433.4	472.0	512.5	568.2	621.3	693.1	768.6	837.2	942.4	1031.0
35°	434.2	479.7	530.5	602.0	680.8	780.6	892.4	1038.4	1163.6	1341.1	1510.8
32.5°	477.1	535.5	618.5	729.0	845.5	1026.5	1204.0	1457.5	1692.2	1973.6	2277.4
30°	524.9	613.7	740.5	892.0	1109.5	1375.8	1688.7	2078.0	2503.9	2899.5	3289.3
27.5°	594.1	721.4	887.9	1132.5	1471.3	1843.9	2392.2	2920.5	3471.8	3961.9	4370.6
25°	674.9	843.1	1100.6	1460.8	1918.9	2557.0	3213.3	3865.4	4458.3	4971.4	5423.0
22.5°	779.2	1021.2	1364.5	1831.0	2544.4	3309.2	4078.8	4798.1	5430.5	6001.9	6490.7
20°	892.7	1195.6	1685.8	2381.4	3197.2	4068.5	4937.5	5703.8	6400.1	7047.8	7598.8
17.5°	1036.6	1460.7	2081.4	2915.9	3859.1	4813.8	5726.7	6558.2	7348.2	8033.6	8609.3
15°	1159.2	1694.1	2504.3	3483.0	4503.2	5510.2	6474.0	7377.2	8198.6	8901.9	9443.1
12.5°	1322.7	1955.7	2879.8	3970.5	5076.1	6135.7	7150.9	8084.4	8920.3	9615.8	10037.1
10°	1477.2	2226.6	3242.7	4380.2	5528.8	6657.8	7741.6	8699.1	9475.1	10028.5	10387.5
7.5°	1608.7	2459.5	3537.9	4711.3	5888.4	7068.8	8166.0	9097.5	9813.1	10275.2	10525.1
5°	1706.8	2633.5	3757.0	4980.4	6188.3	7389.3	8478.0	9352.4	9970.9	10314.2	10439.7
2.5°	1769.3	2735.7	3884.2	5156.9	6389.0	7592.2	8692.0	9552.8	10077.5	10305.1	10326.7
0°	1794.3	2748.9	3903.8	5249.5	6439.5	7650.0	8752.9	9635.2	10117.1	10304.4	10300.6
-2.5°	1769.3	2735.7	3884.2	5156.9	6389.0	7592.2	8692.0	9552.8	10077.5	10305.1	10326.7
-5°	1706.8	2633.5	3757.0	4980.4	6188.3	7389.3	8478.0	9352.4	9970.9	10314.2	10439.7
-7.5°	1608.7	2459.5	3537.9	4711.3	5888.4	7068.8	8166.0	9097.5	9813.1	10275.2	10525.1
-10°	1477.2	2226.6	3242.7	4380.2	5528.8	6657.8	7741.6	8699.1	9475.1	10028.5	10387.5
-12.5°	1322.7	1955.7	2879.8	3970.5	5076.1	6135.7	7150.9	8084.4	8920.3	9615.8	10037.1
-15°	1159.2	1694.1	2504.3	3483.0	4503.2	5510.2	6474.0	7377.2	8198.6	8901.9	9443.1
-17.5°	1036.6	1460.7	2081.4	2915.9	3859.1	4813.8	5726.7	6558.2	7348.2	8033.6	8609.3
-20°	892.7	1195.6	1685.8	2381.4	3197.2	4068.5	4937.5	5703.8	6400.1	7047.8	7598.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626847 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	779.2	1021.2	1364.5	1831.0	2544.4	3309.2	4078.8	4798.1	5430.5	6001.9	6490.7
-25°	674.9	843.1	1100.6	1460.8	1918.9	2557.0	3213.3	3865.4	4458.3	4971.4	5423.0
-27.5°	594.1	721.4	887.9	1132.5	1471.3	1843.9	2392.2	2920.5	3471.8	3961.9	4370.6
-30°	524.9	613.7	740.5	892.0	1109.5	1375.8	1688.7	2078.0	2503.9	2899.5	3289.3
-32.5°	477.1	535.5	618.5	729.0	845.5	1026.5	1204.0	1457.5	1692.2	1973.6	2277.4
-35°	434.2	479.7	530.5	602.0	680.8	780.6	892.4	1038.4	1163.6	1341.1	1510.8
-37.5°	400.9	433.4	472.0	512.5	568.2	621.3	693.1	768.6	837.2	942.4	1031.0
-40°	375.3	396.4	424.1	453.1	488.9	520.8	564.2	602.9	646.2	700.9	746.1
-42.5°	354.0	370.5	386.2	407.9	430.5	453.7	478.8	500.3	528.5	557.2	580.4
-45°	336.0	349.3	362.1	375.6	387.0	404.0	419.8	433.4	451.4	467.8	480.8
-47.5°	320.8	331.1	342.3	353.0	361.2	370.2	378.7	387.2	398.4	407.9	414.9
-50°	306.2	315.2	324.5	333.1	340.0	346.1	351.2	356.9	363.0	368.0	371.1
-52.5°	292.4	300.9	308.4	314.9	321.4	326.7	330.9	334.9	338.5	341.3	342.6
-55°	279.6	287.3	294.9	300.5	305.4	310.0	313.8	316.7	319.2	321.2	321.6
-57.5°	265.5	272.8	279.6	284.8	289.8	294.7	298.2	300.5	302.3	303.7	304.3
-60°	248.5	256.8	262.1	266.4	271.2	276.4	279.3	281.8	283.9	285.8	287.4
-62.5°	227.8	234.8	239.8	244.0	247.9	251.2	255.2	258.5	261.0	263.3	265.9
-65°	203.8	210.7	215.2	218.8	221.4	224.5	229.3	233.2	236.2	238.6	240.7
-67.5°	179.5	186.1	190.6	194.3	197.2	200.3	204.6	208.5	212.0	214.4	215.8
-70°	154.7	161.0	166.0	170.0	173.2	176.3	179.8	183.1	186.1	187.9	188.5
-72.5°	130.0	135.3	140.1	144.5	148.2	151.3	154.0	156.3	158.3	159.5	160.3
-75°	106.3	110.7	114.8	118.5	122.0	125.0	127.6	129.7	131.5	132.3	132.8
-77.5°	83.8	87.1	90.0	92.7	95.3	97.9	100.3	102.4	104.3	104.7	104.6
-80°	62.6	64.8	66.7	68.4	70.0	71.7	73.4	74.9	76.1	76.8	77.3
-82.5°	42.4	43.8	45.0	46.1	47.0	48.4	49.6	50.6	51.5	52.2	52.7
-85°	24.1	24.7	25.1	25.5	25.9	27.0	28.1	29.1	30.1	30.1	30.0
-87.5°	9.1	9.0	8.8	8.7	8.4	9.0	9.6	10.2	10.7	10.4	10.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626847 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-730-U-MWR-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°	9.7	9.3	9.3	9.3	9.3	9.3	9.7	10.0	10.4	10.7	10.2
85°	29.8	29.5	28.7	27.8	28.7	29.5	29.8	30.0	30.1	30.1	29.1
82.5°	53.2	53.5	52.8	51.9	52.8	53.5	53.2	52.7	52.2	51.5	50.6
80°	77.5	77.5	76.9	76.0	76.9	77.5	77.5	77.3	76.8	76.1	74.9
77.5°	104.1	103.4	103.7	103.8	103.7	103.4	104.1	104.6	104.7	104.3	102.4
75°	133.0	132.9	132.4	131.6	132.4	132.9	133.0	132.8	132.3	131.5	129.7
72.5°	160.6	160.6	160.2	159.4	160.2	160.6	160.6	160.3	159.5	158.3	156.3
70°	188.7	188.4	188.9	189.1	188.9	188.4	188.7	188.5	187.9	186.1	183.1
67.5°	217.0	217.7	217.6	216.9	217.6	217.7	217.0	215.8	214.4	212.0	208.5
65°	242.4	243.6	244.4	244.7	244.4	243.6	242.4	240.7	238.6	236.2	233.2
62.5°	268.0	269.4	269.5	268.8	269.5	269.4	268.0	265.9	263.3	261.0	258.5
60°	288.3	288.5	288.2	287.3	288.2	288.5	288.3	287.4	285.8	283.9	281.8
57.5°	304.2	303.7	303.0	302.1	303.0	303.7	304.2	304.3	303.7	302.3	300.5
55°	321.4	320.5	319.7	318.8	319.7	320.5	321.4	321.6	321.2	319.2	316.7
52.5°	342.8	342.4	341.9	341.1	341.9	342.4	342.8	342.6	341.3	338.5	334.9
50°	372.7	373.2	373.2	372.6	373.2	373.2	372.7	371.1	368.0	363.0	356.9
47.5°	419.3	421.8	423.5	424.5	423.5	421.8	419.3	414.9	407.9	398.4	387.2
45°	489.1	494.0	497.5	500.5	497.5	494.0	489.1	480.8	467.8	451.4	433.4
42.5°	596.7	607.8	613.1	611.7	613.1	607.8	596.7	580.4	557.2	528.5	500.3
40°	776.2	794.1	804.0	811.9	804.0	794.1	776.2	746.1	700.9	646.2	602.9
37.5°	1091.5	1126.2	1144.5	1160.4	1144.5	1126.2	1091.5	1031.0	942.4	837.2	768.6
35°	1637.6	1715.7	1757.5	1772.1	1757.5	1715.7	1637.6	1510.8	1341.1	1163.6	1038.4
32.5°	2513.7	2657.7	2737.4	2799.0	2737.4	2657.7	2513.7	2277.4	1973.6	1692.2	1457.5
30°	3597.9	3787.7	3893.1	3944.5	3893.1	3787.7	3597.9	3289.3	2899.5	2503.9	2078.0
27.5°	4709.4	4925.1	5038.7	5032.6	5038.7	4925.1	4709.4	4370.6	3961.9	3471.8	2920.5
25°	5810.1	6060.0	6173.2	6274.6	6173.2	6060.0	5810.1	5423.0	4971.4	4458.3	3865.4
22.5°	6923.4	7215.6	7375.0	7449.8	7375.0	7215.6	6923.4	6490.7	6001.9	5430.5	4798.1
20°	8023.4	8348.7	8517.9	8591.6	8517.9	8348.7	8023.4	7598.8	7047.8	6400.1	5703.8
17.5°	8999.0	9316.5	9477.9	9546.2	9477.9	9316.5	8999.0	8609.3	8033.6	7348.2	6558.2
15°	9778.0	10012.2	10149.4	10185.7	10149.4	10012.2	9778.0	9443.1	8901.9	8198.6	7377.2
12.5°	10316.5	10407.2	10473.1	10493.4	10473.1	10407.2	10316.5	10037.1	9615.8	8920.3	8084.4
10°	10591.8	10550.8	10533.9	10536.1	10533.9	10550.8	10591.8	10387.5	10028.5	9475.1	8699.1
7.5°	10572.8	10512.2	10390.5	10371.1	10390.5	10512.2	10572.8	10525.1	10275.2	9813.1	9097.5
5°	10420.9	10310.5	10108.5	10050.4	10108.5	10310.5	10420.9	10439.7	10314.2	9970.9	9352.4
2.5°	10243.9	10044.9	9858.8	9739.0	9858.8	10044.9	10243.9	10326.7	10305.1	10077.5	9552.8
0°	10191.3	9961.4	9720.5	9642.6	9720.5	9961.4	10191.3	10300.6	10304.4	10117.1	9635.2
-2.5°	10243.9	10044.9	9858.8	9739.0	9858.8	10044.9	10243.9	10326.7	10305.1	10077.5	9552.8
-5°	10420.9	10310.5	10108.5	10050.4	10108.5	10310.5	10420.9	10439.7	10314.2	9970.9	9352.4
-7.5°	10572.8	10512.2	10390.5	10371.1	10390.5	10512.2	10572.8	10525.1	10275.2	9813.1	9097.5
-10°	10591.8	10550.8	10533.9	10536.1	10533.9	10550.8	10591.8	10387.5	10028.5	9475.1	8699.1
-12.5°	10316.5	10407.2	10473.1	10493.4	10473.1	10407.2	10316.5	10037.1	9615.8	8920.3	8084.4
-15°	9778.0	10012.2	10149.4	10185.7	10149.4	10012.2	9778.0	9443.1	8901.9	8198.6	7377.2
-17.5°	8999.0	9316.5	9477.9	9546.2	9477.9	9316.5	8999.0	8609.3	8033.6	7348.2	6558.2
-20°	8023.4	8348.7	8517.9	8591.6	8517.9	8348.7	8023.4	7598.8	7047.8	6400.1	5703.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626847 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	6923.4	7215.6	7375.0	7449.8	7375.0	7215.6	6923.4	6490.7	6001.9	5430.5	4798.1
-25°	5810.1	6060.0	6173.2	6274.6	6173.2	6060.0	5810.1	5423.0	4971.4	4458.3	3865.4
-27.5°	4709.4	4925.1	5038.7	5032.6	5038.7	4925.1	4709.4	4370.6	3961.9	3471.8	2920.5
-30°	3597.9	3787.7	3893.1	3944.5	3893.1	3787.7	3597.9	3289.3	2899.5	2503.9	2078.0
-32.5°	2513.7	2657.7	2737.4	2799.0	2737.4	2657.7	2513.7	2277.4	1973.6	1692.2	1457.5
-35°	1637.6	1715.7	1757.5	1772.1	1757.5	1715.7	1637.6	1510.8	1341.1	1163.6	1038.4
-37.5°	1091.5	1126.2	1144.5	1160.4	1144.5	1126.2	1091.5	1031.0	942.4	837.2	768.6
-40°	776.2	794.1	804.0	811.9	804.0	794.1	776.2	746.1	700.9	646.2	602.9
-42.5°	596.7	607.8	613.1	611.7	613.1	607.8	596.7	580.4	557.2	528.5	500.3
-45°	489.1	494.0	497.5	500.5	497.5	494.0	489.1	480.8	467.8	451.4	433.4
-47.5°	419.3	421.8	423.5	424.5	423.5	421.8	419.3	414.9	407.9	398.4	387.2
-50°	372.7	373.2	373.2	372.6	373.2	373.2	372.7	371.1	368.0	363.0	356.9
-52.5°	342.8	342.4	341.9	341.1	341.9	342.4	342.8	342.6	341.3	338.5	334.9
-55°	321.4	320.5	319.7	318.8	319.7	320.5	321.4	321.6	321.2	319.2	316.7
-57.5°	304.2	303.7	303.0	302.1	303.0	303.7	304.2	304.3	303.7	302.3	300.5
-60°	288.3	288.5	288.2	287.3	288.2	288.5	288.3	287.4	285.8	283.9	281.8
-62.5°	268.0	269.4	269.5	268.8	269.5	269.4	268.0	265.9	263.3	261.0	258.5
-65°	242.4	243.6	244.4	244.7	244.4	243.6	242.4	240.7	238.6	236.2	233.2
-67.5°	217.0	217.7	217.6	216.9	217.6	217.7	217.0	215.8	214.4	212.0	208.5
-70°	188.7	188.4	188.9	189.1	188.9	188.4	188.7	188.5	187.9	186.1	183.1
-72.5°	160.6	160.6	160.2	159.4	160.2	160.6	160.6	160.3	159.5	158.3	156.3
-75°	133.0	132.9	132.4	131.6	132.4	132.9	133.0	132.8	132.3	131.5	129.7
-77.5°	104.1	103.4	103.7	103.8	103.7	103.4	104.1	104.6	104.7	104.3	102.4
-80°	77.5	77.5	76.9	76.0	76.9	77.5	77.5	77.3	76.8	76.1	74.9
-82.5°	53.2	53.5	52.8	51.9	52.8	53.5	53.2	52.7	52.2	51.5	50.6
-85°	29.8	29.5	28.7	27.8	28.7	29.5	29.8	30.0	30.1	30.1	29.1
-87.5°	9.7	9.3	9.3	9.3	9.3	9.3	9.7	10.0	10.4	10.7	10.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626847 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-730-U-MWR-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°	9.6	9.0	8.4	8.7	8.8	9.0	9.1	8.8	8.5	8.2	7.8
85°	28.1	27.0	25.9	25.5	25.1	24.7	24.1	23.1	21.9	20.8	19.5
82.5°	49.6	48.4	47.0	46.1	45.0	43.8	42.4	40.4	38.3	36.2	34.1
80°	73.4	71.7	70.0	68.4	66.7	64.8	62.6	59.4	56.1	52.9	49.8
77.5°	100.3	97.9	95.3	92.7	90.0	87.1	83.8	79.8	75.8	71.6	67.3
75°	127.6	125.0	122.0	118.5	114.8	110.7	106.3	101.5	96.4	91.1	85.8
72.5°	154.0	151.3	148.2	144.5	140.1	135.3	130.0	124.1	117.9	111.4	105.0
70°	179.8	176.3	173.2	170.0	166.0	161.0	154.7	147.6	140.2	132.6	125.3
67.5°	204.6	200.3	197.2	194.3	190.6	186.1	179.5	171.8	163.5	154.7	146.0
65°	229.3	224.5	221.4	218.8	215.2	210.7	203.8	196.0	187.2	177.4	167.3
62.5°	255.2	251.2	247.9	244.0	239.8	234.8	227.8	219.6	210.7	200.4	188.6
60°	279.3	276.4	271.2	266.4	262.1	256.8	248.5	240.7	233.5	221.6	208.9
57.5°	298.2	294.7	289.8	284.8	279.6	272.8	265.5	258.1	249.6	239.7	227.9
55°	313.8	310.0	305.4	300.5	294.9	287.3	279.6	271.7	263.6	255.3	243.8
52.5°	330.9	326.7	321.4	314.9	308.4	300.9	292.4	284.0	276.4	267.9	258.5
50°	351.2	346.1	340.0	333.1	324.5	315.2	306.2	296.4	288.4	280.2	270.6
47.5°	378.7	370.2	361.2	353.0	342.3	331.1	320.8	310.7	301.3	292.3	282.5
45°	419.8	404.0	387.0	375.6	362.1	349.3	336.0	324.7	313.8	303.8	294.6
42.5°	478.8	453.7	430.5	407.9	386.2	370.5	354.0	339.9	326.8	314.9	304.1
40°	564.2	520.8	488.9	453.1	424.1	396.4	375.3	356.1	341.0	326.8	313.7
37.5°	693.1	621.3	568.2	512.5	472.0	433.4	400.9	375.9	355.4	339.0	323.8
35°	892.4	780.6	680.8	602.0	530.5	479.7	434.2	399.2	372.9	351.5	333.7
32.5°	1204.0	1026.5	845.5	729.0	618.5	535.5	477.1	428.9	391.6	366.1	344.8
30°	1688.7	1375.8	1109.5	892.0	740.5	613.7	524.9	465.9	418.2	381.0	356.1
27.5°	2392.2	1843.9	1471.3	1132.5	887.9	721.4	594.1	505.5	446.2	401.8	369.0
25°	3213.3	2557.0	1918.9	1460.8	1100.6	843.1	674.9	560.9	480.9	423.5	380.3
22.5°	4078.8	3309.2	2544.4	1831.0	1364.5	1021.2	779.2	616.9	513.6	446.6	396.8
20°	4937.5	4068.5	3197.2	2381.4	1685.8	1195.6	892.7	691.1	559.3	472.5	412.5
17.5°	5726.7	4813.8	3859.1	2915.9	2081.4	1460.7	1036.6	766.1	599.1	495.5	426.0
15°	6474.0	5510.2	4503.2	3483.0	2504.3	1694.1	1159.2	831.5	640.6	522.3	443.7
12.5°	7150.9	6135.7	5076.1	3970.5	2879.8	1955.7	1322.7	927.9	691.5	550.0	460.5
10°	7741.6	6657.8	5528.8	4380.2	3242.7	2226.6	1477.2	1010.1	735.6	573.1	474.1
7.5°	8166.0	7068.8	5888.4	4711.3	3537.9	2459.5	1608.7	1075.2	770.3	590.7	484.7
5°	8478.0	7389.3	6188.3	4980.4	3757.0	2633.5	1706.8	1120.9	795.0	602.9	492.0
2.5°	8692.0	7592.2	6389.0	5156.9	3884.2	2735.7	1769.3	1145.5	806.7	612.5	496.0
0°	8752.9	7650.0	6439.5	5249.5	3903.8	2748.9	1794.3	1149.3	806.3	617.3	496.8
-2.5°	8692.0	7592.2	6389.0	5156.9	3884.2	2735.7	1769.3	1145.5	806.7	612.5	496.0
-5°	8478.0	7389.3	6188.3	4980.4	3757.0	2633.5	1706.8	1120.9	795.0	602.9	492.0
-7.5°	8166.0	7068.8	5888.4	4711.3	3537.9	2459.5	1608.7	1075.2	770.3	590.7	484.7
-10°	7741.6	6657.8	5528.8	4380.2	3242.7	2226.6	1477.2	1010.1	735.6	573.1	474.1
-12.5°	7150.9	6135.7	5076.1	3970.5	2879.8	1955.7	1322.7	927.9	691.5	550.0	460.5
-15°	6474.0	5510.2	4503.2	3483.0	2504.3	1694.1	1159.2	831.5	640.6	522.3	443.7
-17.5°	5726.7	4813.8	3859.1	2915.9	2081.4	1460.7	1036.6	766.1	599.1	495.5	426.0
-20°	4937.5	4068.5	3197.2	2381.4	1685.8	1195.6	892.7	691.1	559.3	472.5	412.5



REPORT NUMBER: P626847 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-730-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4078.8	3309.2	2544.4	1831.0	1364.5	1021.2	779.2	616.9	513.6	446.6	396.8
-25°	3213.3	2557.0	1918.9	1460.8	1100.6	843.1	674.9	560.9	480.9	423.5	380.3
-27.5°	2392.2	1843.9	1471.3	1132.5	887.9	721.4	594.1	505.5	446.2	401.8	369.0
-30°	1688.7	1375.8	1109.5	892.0	740.5	613.7	524.9	465.9	418.2	381.0	356.1
-32.5°	1204.0	1026.5	845.5	729.0	618.5	535.5	477.1	428.9	391.6	366.1	344.8
-35°	892.4	780.6	680.8	602.0	530.5	479.7	434.2	399.2	372.9	351.5	333.7
-37.5°	693.1	621.3	568.2	512.5	472.0	433.4	400.9	375.9	355.4	339.0	323.8
-40°	564.2	520.8	488.9	453.1	424.1	396.4	375.3	356.1	341.0	326.8	313.7
-42.5°	478.8	453.7	430.5	407.9	386.2	370.5	354.0	339.9	326.8	314.9	304.1
-45°	419.8	404.0	387.0	375.6	362.1	349.3	336.0	324.7	313.8	303.8	294.6
-47.5°	378.7	370.2	361.2	353.0	342.3	331.1	320.8	310.7	301.3	292.3	282.5
-50°	351.2	346.1	340.0	333.1	324.5	315.2	306.2	296.4	288.4	280.2	270.6
-52.5°	330.9	326.7	321.4	314.9	308.4	300.9	292.4	284.0	276.4	267.9	258.5
-55°	313.8	310.0	305.4	300.5	294.9	287.3	279.6	271.7	263.6	255.3	243.8
-57.5°	298.2	294.7	289.8	284.8	279.6	272.8	265.5	258.1	249.6	239.7	227.9
-60°	279.3	276.4	271.2	266.4	262.1	256.8	248.5	240.7	233.5	221.6	208.9
-62.5°	255.2	251.2	247.9	244.0	239.8	234.8	227.8	219.6	210.7	200.4	188.6
-65°	229.3	224.5	221.4	218.8	215.2	210.7	203.8	196.0	187.2	177.4	167.3
-67.5°	204.6	200.3	197.2	194.3	190.6	186.1	179.5	171.8	163.5	154.7	146.0
-70°	179.8	176.3	173.2	170.0	166.0	161.0	154.7	147.6	140.2	132.6	125.3
-72.5°	154.0	151.3	148.2	144.5	140.1	135.3	130.0	124.1	117.9	111.4	105.0
-75°	127.6	125.0	122.0	118.5	114.8	110.7	106.3	101.5	96.4	91.1	85.8
-77.5°	100.3	97.9	95.3	92.7	90.0	87.1	83.8	79.8	75.8	71.6	67.3
-80°	73.4	71.7	70.0	68.4	66.7	64.8	62.6	59.4	56.1	52.9	49.8
-82.5°	49.6	48.4	47.0	46.1	45.0	43.8	42.4	40.4	38.3	36.2	34.1
-85°	28.1	27.0	25.9	25.5	25.1	24.7	24.1	23.1	21.9	20.8	19.5
-87.5°	9.6	9.0	8.4	8.7	8.8	9.0	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: P626847 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-730-U-MWR-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°	7.5	7.1	6.8	6.4	6.0	5.5	5.1	4.7	4.1	3.5	2.9
85°	18.2	16.9	15.5	14.1	12.6	11.1	10.2	9.4	8.1	7.0	5.9
82.5°	32.0	30.0	27.9	25.7	23.2	20.8	18.4	16.0	13.4	10.6	8.8
80°	47.0	44.1	41.0	37.8	34.2	30.4	27.0	23.8	20.6	17.2	13.6
77.5°	63.2	59.0	54.5	50.5	46.3	41.8	37.0	32.1	27.8	23.8	19.5
75°	80.5	75.3	70.0	64.5	58.9	53.2	47.7	42.0	36.3	30.5	25.4
72.5°	98.8	92.4	85.8	79.0	72.4	65.7	58.8	51.9	45.2	38.4	31.5
70°	117.7	109.9	102.1	94.5	86.4	78.1	70.2	62.1	54.0	46.3	38.4
67.5°	137.0	128.2	119.0	110.0	101.1	91.7	81.8	72.3	63.1	54.0	45.2
65°	157.2	146.8	136.1	125.9	115.6	105.4	94.6	82.7	71.9	61.8	51.9
62.5°	177.1	165.8	153.8	141.5	129.9	118.6	107.1	93.9	80.9	69.4	58.5
60°	196.4	183.7	170.8	157.3	144.0	131.3	118.6	104.8	90.6	76.8	64.9
57.5°	214.1	200.7	186.3	172.1	157.8	143.8	129.7	115.0	100.0	84.9	71.1
55°	230.7	216.1	201.0	185.7	170.8	155.8	140.5	124.9	109.1	93.0	77.2
52.5°	246.3	231.1	215.1	198.8	182.6	167.2	151.0	134.4	117.7	100.7	84.0
50°	259.9	245.6	228.7	211.5	193.9	177.6	161.2	143.7	126.0	108.1	90.5
47.5°	271.4	258.2	241.9	223.7	205.3	187.8	170.7	152.6	134.0	115.3	96.8
45°	282.6	269.9	254.1	235.6	216.5	198.1	179.9	161.3	141.8	122.2	102.8
42.5°	293.1	280.4	265.6	246.9	227.3	207.9	188.8	169.4	149.2	128.7	108.5
40°	302.1	289.7	276.5	257.9	237.4	217.2	197.3	177.2	156.2	134.9	113.9
37.5°	310.8	298.1	284.6	268.1	246.9	225.9	205.3	184.7	163.1	141.0	119.0
35°	319.2	306.0	291.8	276.1	255.7	234.1	212.7	191.7	169.4	146.7	123.8
32.5°	326.7	313.2	298.4	282.6	263.9	241.6	219.6	197.9	175.4	152.2	128.2
30°	335.7	319.2	304.3	289.0	270.8	248.5	226.0	203.6	180.9	157.3	132.4
27.5°	344.3	325.0	309.6	294.3	276.3	254.7	231.9	208.9	185.9	162.0	136.5
25°	352.6	331.6	314.6	298.7	281.6	260.7	237.3	213.8	190.3	166.1	140.3
22.5°	362.1	337.7	319.2	302.5	286.6	266.1	242.2	218.2	194.2	169.7	143.7
20°	370.6	342.7	323.5	306.1	290.4	270.2	246.6	222.2	197.7	173.0	146.8
17.5°	378.9	348.4	327.7	309.6	293.1	273.7	250.4	225.6	200.7	175.8	149.6
15°	390.4	354.9	331.3	312.6	295.5	276.8	253.7	228.6	203.4	178.1	152.1
12.5°	400.3	360.3	334.3	315.0	297.4	279.3	256.4	231.0	205.5	180.3	154.3
10°	408.2	364.7	336.6	316.9	298.9	281.3	258.6	233.1	207.6	182.1	156.2
7.5°	414.3	367.9	338.3	318.2	299.9	282.7	260.6	234.9	209.2	183.5	157.6
5°	418.5	370.0	339.7	319.0	300.5	283.6	262.0	236.2	210.4	184.6	158.6
2.5°	420.6	370.9	340.7	319.2	300.6	283.9	262.9	237.0	211.1	185.2	159.2
0°	420.8	370.7	341.1	318.8	300.3	283.6	263.2	237.3	211.3	185.4	159.4
-2.5°	420.6	370.9	340.7	319.2	300.6	283.9	262.9	237.0	211.1	185.2	159.2
-5°	418.5	370.0	339.7	319.0	300.5	283.6	262.0	236.2	210.4	184.6	158.6
-7.5°	414.3	367.9	338.3	318.2	299.9	282.7	260.6	234.9	209.2	183.5	157.6
-10°	408.2	364.7	336.6	316.9	298.9	281.3	258.6	233.1	207.6	182.1	156.2
-12.5°	400.3	360.3	334.3	315.0	297.4	279.3	256.4	231.0	205.5	180.3	154.3
-15°	390.4	354.9	331.3	312.6	295.5	276.8	253.7	228.6	203.4	178.1	152.1
-17.5°	378.9	348.4	327.7	309.6	293.1	273.7	250.4	225.6	200.7	175.8	149.6
-20°	370.6	342.7	323.5	306.1	290.4	270.2	246.6	222.2	197.7	173.0	146.8



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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°	362.1	337.7	319.2	302.5	286.6	266.1	242.2	218.2	194.2	169.7	143.7
-25°	352.6	331.6	314.6	298.7	281.6	260.7	237.3	213.8	190.3	166.1	140.3
-27.5°	344.3	325.0	309.6	294.3	276.3	254.7	231.9	208.9	185.9	162.0	136.5
-30°	335.7	319.2	304.3	289.0	270.8	248.5	226.0	203.6	180.9	157.3	132.4
-32.5°	326.7	313.2	298.4	282.6	263.9	241.6	219.6	197.9	175.4	152.2	128.2
-35°	319.2	306.0	291.8	276.1	255.7	234.1	212.7	191.7	169.4	146.7	123.8
-37.5°	310.8	298.1	284.6	268.1	246.9	225.9	205.3	184.7	163.1	141.0	119.0
-40°	302.1	289.7	276.5	257.9	237.4	217.2	197.3	177.2	156.2	134.9	113.9
-42.5°	293.1	280.4	265.6	246.9	227.3	207.9	188.8	169.4	149.2	128.7	108.5
-45°	282.6	269.9	254.1	235.6	216.5	198.1	179.9	161.3	141.8	122.2	102.8
-47.5°	271.4	258.2	241.9	223.7	205.3	187.8	170.7	152.6	134.0	115.3	96.8
-50°	259.9	245.6	228.7	211.5	193.9	177.6	161.2	143.7	126.0	108.1	90.5
-52.5°	246.3	231.1	215.1	198.8	182.6	167.2	151.0	134.4	117.7	100.7	84.0
-55°	230.7	216.1	201.0	185.7	170.8	155.8	140.5	124.9	109.1	93.0	77.2
-57.5°	214.1	200.7	186.3	172.1	157.8	143.8	129.7	115.0	100.0	84.9	71.1
-60°	196.4	183.7	170.8	157.3	144.0	131.3	118.6	104.8	90.6	76.8	64.9
-62.5°	177.1	165.8	153.8	141.5	129.9	118.6	107.1	93.9	80.9	69.4	58.5
-65°	157.2	146.8	136.1	125.9	115.6	105.4	94.6	82.7	71.9	61.8	51.9
-67.5°	137.0	128.2	119.0	110.0	101.1	91.7	81.8	72.3	63.1	54.0	45.2
-70°	117.7	109.9	102.1	94.5	86.4	78.1	70.2	62.1	54.0	46.3	38.4
-72.5°	98.8	92.4	85.8	79.0	72.4	65.7	58.8	51.9	45.2	38.4	31.5
-75°	80.5	75.3	70.0	64.5	58.9	53.2	47.7	42.0	36.3	30.5	25.4
-77.5°	63.2	59.0	54.5	50.5	46.3	41.8	37.0	32.1	27.8	23.8	19.5
-80°	47.0	44.1	41.0	37.8	34.2	30.4	27.0	23.8	20.6	17.2	13.6
-82.5°	32.0	30.0	27.9	25.7	23.2	20.8	18.4	16.0	13.4	10.6	8.8
-85°	18.2	16.9	15.5	14.1	12.6	11.1	10.2	9.4	8.1	7.0	5.9
-87.5°	7.5	7.1	6.8	6.4	6.0	5.5	5.1	4.7	4.1	3.5	2.9
-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°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
85°	4.8	4.0	3.2	2.4	1.6	0.8	0.0
82.5°	7.2	6.0	4.8	3.6	2.4	1.2	0.0
80°	9.9	8.0	6.4	4.8	3.2	1.6	0.0
77.5°	15.1	10.8	8.0	6.0	4.0	2.0	0.0
75°	20.2	15.1	9.9	7.2	4.8	2.4	0.0
72.5°	25.3	19.4	13.3	8.4	5.6	2.8	0.0
70°	30.5	23.5	16.7	9.8	6.4	3.2	0.0
67.5°	36.2	27.7	20.0	12.3	7.1	3.6	0.0
65°	41.9	32.0	23.2	14.7	7.9	3.9	0.0
62.5°	47.4	36.6	26.4	17.1	8.6	4.3	0.0
60°	52.8	41.0	29.5	19.4	9.3	4.6	0.0
57.5°	58.2	45.3	32.9	21.7	10.8	5.0	0.0
55°	63.5	49.5	36.2	23.9	12.2	5.3	0.0
52.5°	68.7	53.6	39.4	26.1	13.6	5.7	0.0
50°	73.7	57.8	42.5	28.2	15.0	6.0	0.0
47.5°	78.7	61.9	45.4	30.2	16.3	6.3	0.0
45°	83.8	65.8	48.3	32.3	17.5	6.6	0.0
42.5°	88.7	69.6	50.9	34.3	18.7	6.9	0.0
40°	93.3	73.3	53.7	36.2	19.8	7.1	0.0
37.5°	97.7	76.8	56.4	37.9	20.8	7.4	0.0
35°	101.7	80.1	59.1	39.5	21.8	7.6	0.0
32.5°	105.6	83.3	61.5	41.1	22.7	7.8	0.0
30°	109.1	86.3	63.9	42.5	23.5	8.1	0.0
27.5°	112.3	89.0	65.9	43.8	24.3	8.2	0.0
25°	115.3	91.5	67.8	44.9	25.0	8.4	0.0
22.5°	117.9	93.7	69.5	46.0	25.6	8.6	0.0
20°	120.3	95.6	71.0	46.9	26.1	8.7	0.0
17.5°	122.4	97.3	72.3	47.8	26.6	8.9	0.0
15°	124.3	98.7	73.4	48.5	27.0	9.0	0.0
12.5°	125.9	99.8	74.3	49.0	27.3	9.1	0.0
10°	127.3	100.7	75.1	49.5	27.6	9.2	0.0
7.5°	128.4	101.4	75.6	49.8	27.7	9.2	0.0
5°	129.2	101.8	75.9	50.0	27.8	9.3	0.0
2.5°	129.6	102.0	76.1	50.1	27.8	9.3	0.0
0°	129.8	101.9	76.0	50.0	27.8	9.3	0.0
-2.5°	129.6	102.0	76.1	50.1	27.8	9.3	0.0
-5°	129.2	101.8	75.9	50.0	27.8	9.3	0.0
-7.5°	128.4	101.4	75.6	49.8	27.7	9.2	0.0
-10°	127.3	100.7	75.1	49.5	27.6	9.2	0.0
-12.5°	125.9	99.8	74.3	49.0	27.3	9.1	0.0
-15°	124.3	98.7	73.4	48.5	27.0	9.0	0.0
-17.5°	122.4	97.3	72.3	47.8	26.6	8.9	0.0
-20°	120.3	95.6	71.0	46.9	26.1	8.7	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	117.9	93.7	69.5	46.0	25.6	8.6	0.0
-25°	115.3	91.5	67.8	44.9	25.0	8.4	0.0
-27.5°	112.3	89.0	65.9	43.8	24.3	8.2	0.0
-30°	109.1	86.3	63.9	42.5	23.5	8.1	0.0
-32.5°	105.6	83.3	61.5	41.1	22.7	7.8	0.0
-35°	101.7	80.1	59.1	39.5	21.8	7.6	0.0
-37.5°	97.7	76.8	56.4	37.9	20.8	7.4	0.0
-40°	93.3	73.3	53.7	36.2	19.8	7.1	0.0
-42.5°	88.7	69.6	50.9	34.3	18.7	6.9	0.0
-45°	83.8	65.8	48.3	32.3	17.5	6.6	0.0
-47.5°	78.7	61.9	45.4	30.2	16.3	6.3	0.0
-50°	73.7	57.8	42.5	28.2	15.0	6.0	0.0
-52.5°	68.7	53.6	39.4	26.1	13.6	5.7	0.0
-55°	63.5	49.5	36.2	23.9	12.2	5.3	0.0
-57.5°	58.2	45.3	32.9	21.7	10.8	5.0	0.0
-60°	52.8	41.0	29.5	19.4	9.3	4.6	0.0
-62.5°	47.4	36.6	26.4	17.1	8.6	4.3	0.0
-65°	41.9	32.0	23.2	14.7	7.9	3.9	0.0
-67.5°	36.2	27.7	20.0	12.3	7.1	3.6	0.0
-70°	30.5	23.5	16.7	9.8	6.4	3.2	0.0
-72.5°	25.3	19.4	13.3	8.4	5.6	2.8	0.0
-75°	20.2	15.1	9.9	7.2	4.8	2.4	0.0
-77.5°	15.1	10.8	8.0	6.0	4.0	2.0	0.0
-80°	9.9	8.0	6.4	4.8	3.2	1.6	0.0
-82.5°	7.2	6.0	4.8	3.6	2.4	1.2	0.0
-85°	4.8	4.0	3.2	2.4	1.6	0.8	0.0
-87.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)