

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: P626833 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-722-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626833 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2B-722-U-WR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, WIDE SYMMETRICAL ROUND N36
Light Source: (32) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

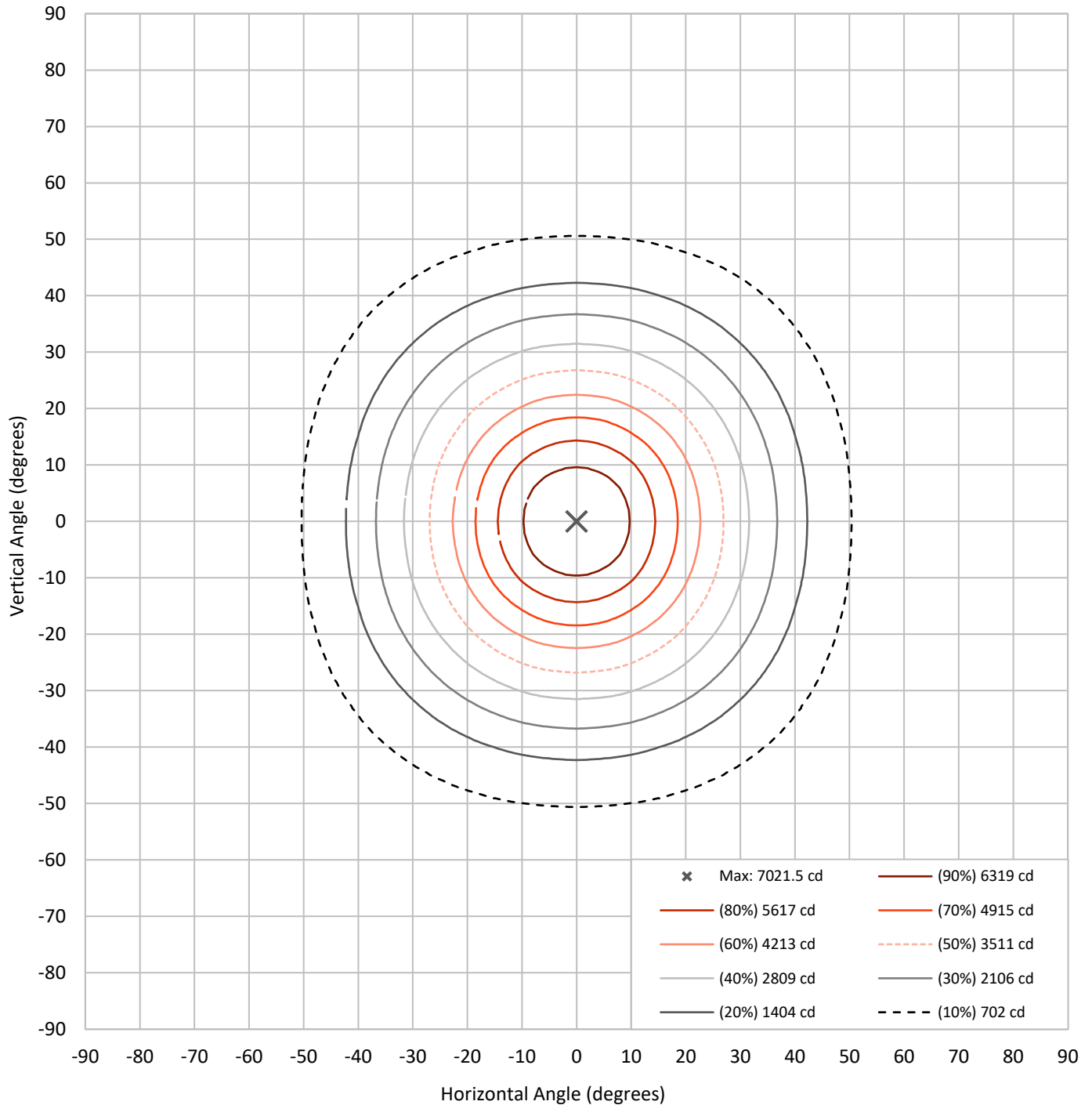
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	7146.2 lumens	Max Intensity:	7021.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	112.4 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	3416.9 lumens	Field Lumens:	6306.8 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
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





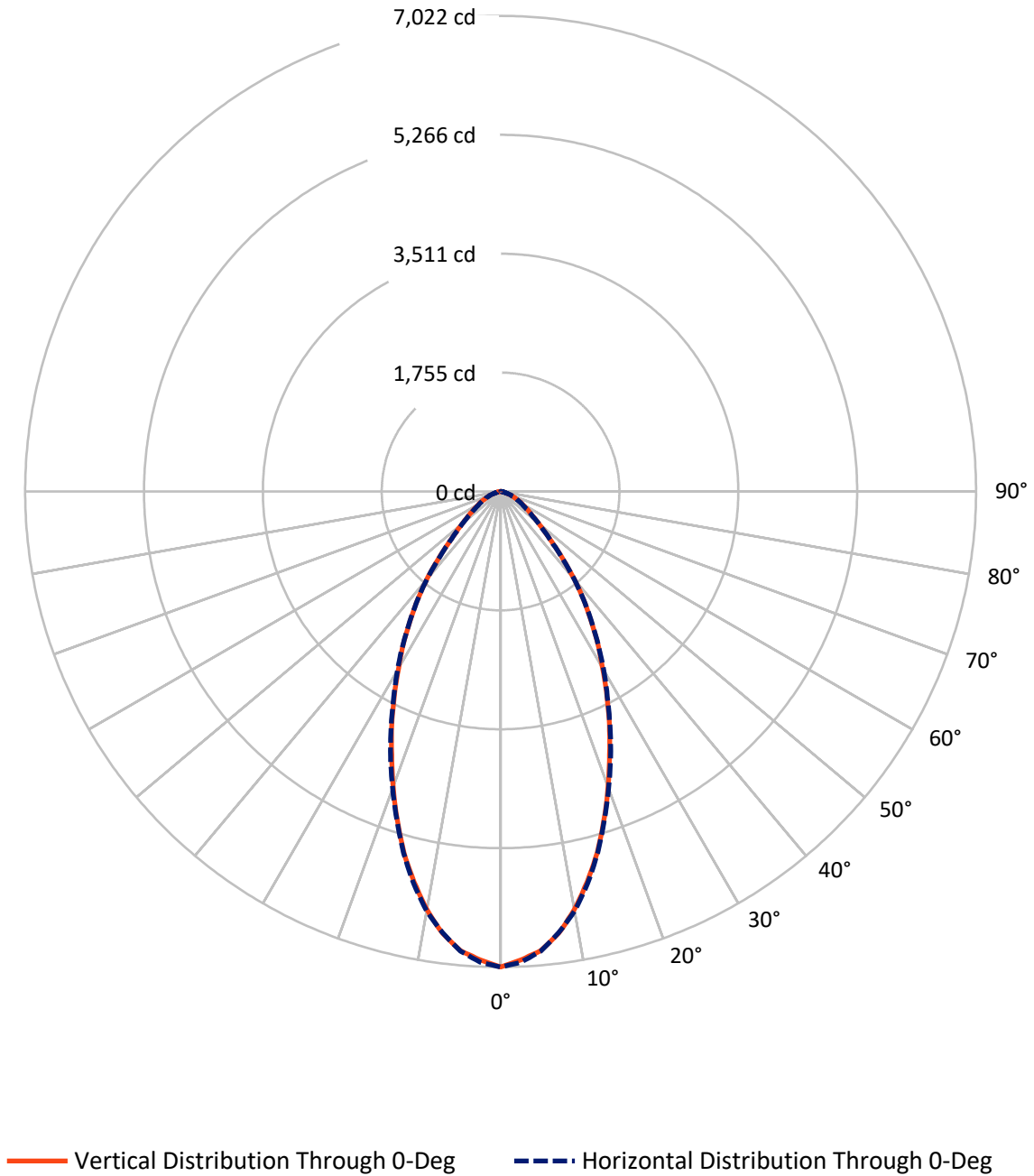
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Lumen Table

90																			
80	0.3	2.0		4.5		7.5		6.4		7.5		4.5		2.0		0.3			
70																			
60	0.9	1.1	2.0	3.3	4.8	6.2	7.3	7.8	7.8	7.3	6.2	4.8	3.3	2.0	1.1	0.9			
50		1.5	3.1	5.4	8.2	11.3	14.1	15.7	15.7	14.1	11.3	8.2	5.4	3.1	1.5				
40	1.4	2.0	4.3	8.0	13.5	20.7	28.6	33.8	33.8	28.6	20.7	13.5	8.0	4.3	2.0	1.4			
30		2.4	5.6	11.6	22.7	40.2	58.4	69.3	69.3	58.4	40.2	22.7	11.6	5.6	2.4				
20	1.6	2.8	7.0	16.3	36.6	65.8	94.2	112.6	112.6	94.2	65.8	36.6	16.3	7.0	2.8	1.6			
10		3.1	8.2	21.1	50.0	88.9	131.2	161.4	161.4	131.2	88.9	50.0	21.1	8.2	3.1				
0	1.7	3.3	8.9	24.3	57.5	103.3	157.2	197.7	197.7	157.2	103.3	57.5	24.3	8.9	3.3	1.7			
-10		3.3	8.9	24.3	57.5	103.3	157.2	197.7	197.7	157.2	103.3	57.5	24.3	8.9	3.3				
-20	1.6	3.1	8.2	21.1	50.0	88.9	131.2	161.4	161.4	131.2	88.9	50.0	21.1	8.2	3.1	1.6			
-30		2.8	7.0	16.3	36.6	65.8	94.2	112.6	112.6	94.2	65.8	36.6	16.3	7.0	2.8				
-40	1.4	2.4	5.6	11.6	22.7	40.2	58.4	69.3	69.3	58.4	40.2	22.7	11.6	5.6	2.4	1.4			
-50		2.0	4.3	8.0	13.5	20.7	28.6	33.8	33.8	28.6	20.7	13.5	8.0	4.3	2.0				
-60	0.9	1.5	3.1	5.4	8.2	11.3	14.1	15.7	15.7	14.1	11.3	8.2	5.4	3.1	1.5	0.9			
-70		1.1	2.0	3.3	4.8	6.2	7.3	7.8	7.8	7.3	6.2	4.8	3.3	2.0	1.1				
-80																			
-90	0.3	2.0		4.5		7.5		6.4		7.5		4.5		2.0		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

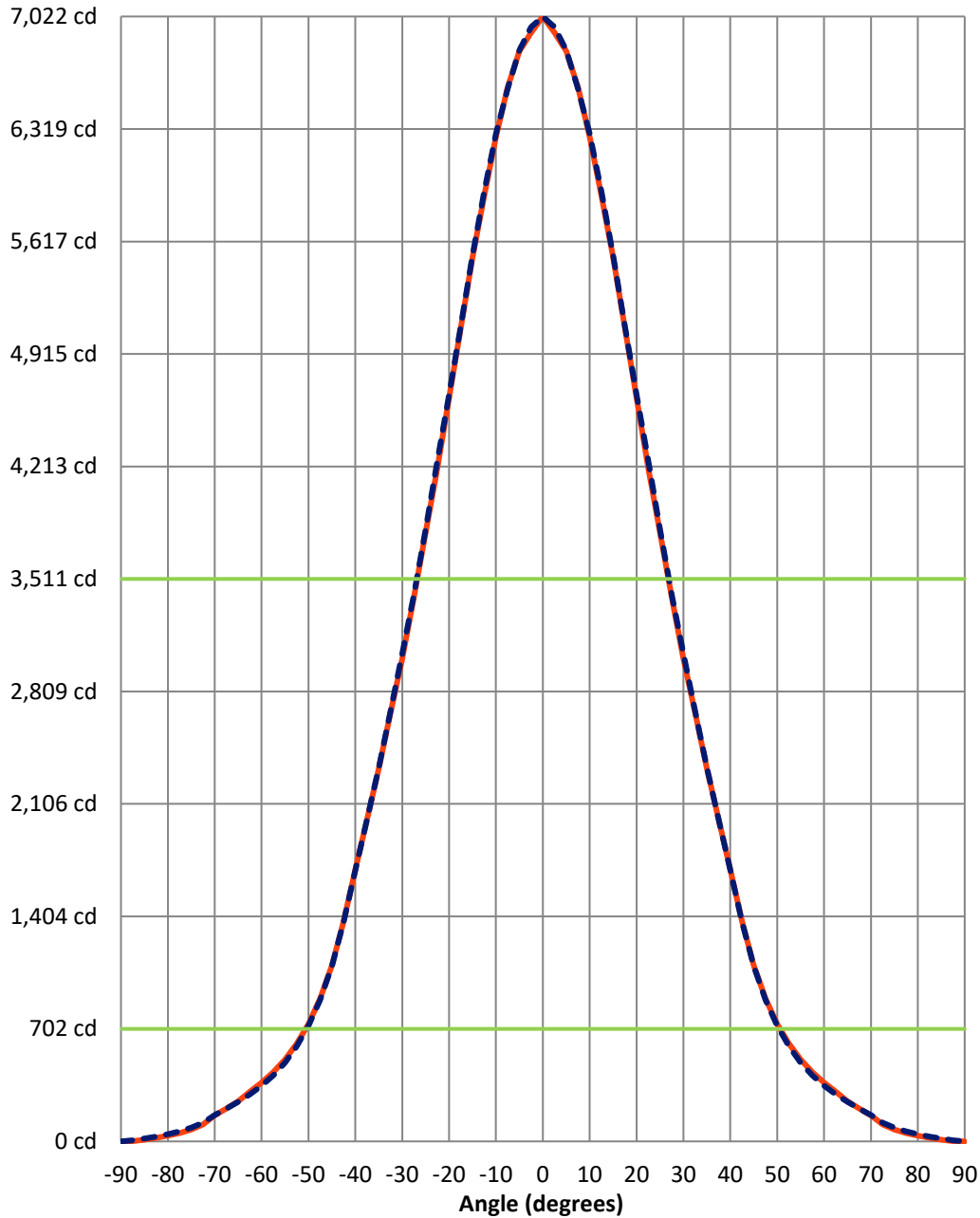
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 3416.9
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 6306.8
 Efficiency: 88.3%

Spill:
 Lumens: 839.4
 Efficiency: 11.7%

- 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	0.8	1.3	1.9	2.6	3.3	3.7	4.0	4.2	4.4
85°	0.0	0.7	1.6	2.7	3.9	5.2	6.7	7.4	8.0	8.4	8.8
82.5°	0.0	1.1	2.4	4.0	5.8	7.8	10.0	11.1	12.2	14.1	15.9
80°	0.0	1.4	3.2	5.3	7.7	10.3	13.5	16.8	19.7	22.2	24.5
77.5°	0.0	1.8	4.0	6.6	9.5	13.4	19.3	23.6	27.1	30.3	33.5
75°	0.0	2.1	4.8	7.9	11.5	17.5	24.9	30.3	34.5	38.9	43.5
72.5°	0.0	2.4	5.6	9.1	14.3	21.5	30.3	36.9	42.0	47.5	53.4
70°	0.0	2.8	6.3	10.4	17.0	25.3	35.5	43.1	49.4	56.0	63.9
67.5°	0.0	3.1	7.0	12.1	19.5	29.0	40.0	49.2	56.6	64.8	74.3
65°	0.0	3.4	7.7	13.6	21.9	32.4	44.3	55.2	63.7	73.3	84.1
62.5°	0.0	3.7	8.4	15.1	24.2	35.5	48.3	60.9	70.5	81.4	93.2
60°	0.0	4.0	9.1	16.5	26.4	38.4	52.1	66.2	76.9	89.3	102.0
57.5°	0.0	4.3	9.8	17.8	28.3	41.1	55.5	71.0	83.5	96.9	110.2
55°	0.0	4.5	10.6	19.0	30.2	43.6	58.6	74.9	89.9	104.2	118.0
52.5°	0.0	4.8	11.3	20.1	31.9	45.8	61.5	79.1	96.1	111.1	125.6
50°	0.0	5.0	12.0	21.0	33.4	47.9	64.1	83.0	102.0	117.9	134.0
47.5°	0.0	5.3	12.7	22.0	34.8	49.8	66.5	86.6	107.9	124.5	142.2
45°	0.0	5.5	13.3	22.8	36.0	51.5	69.2	89.8	112.2	131.6	150.2
42.5°	0.0	5.7	13.9	23.6	37.1	52.9	71.6	93.0	116.0	138.5	158.4
40°	0.0	5.9	14.5	24.5	38.0	54.1	73.8	96.0	119.9	144.9	166.4
37.5°	0.0	6.1	15.0	25.4	38.8	55.1	75.6	98.8	124.0	149.9	173.9
35°	0.0	6.2	15.5	26.2	39.5	56.3	77.1	101.3	128.0	155.5	181.7
32.5°	0.0	6.4	15.9	27.0	40.1	57.3	78.5	103.5	131.9	161.1	189.5
30°	0.0	6.5	16.3	27.6	40.4	58.2	80.0	105.6	135.5	166.8	197.0
27.5°	0.0	6.6	16.7	28.2	41.3	58.8	81.3	108.2	139.2	172.5	203.9
25°	0.0	6.7	17.0	28.7	42.1	59.1	82.3	110.5	143.4	178.1	210.4
22.5°	0.0	6.8	17.3	29.2	42.9	59.6	83.0	112.6	147.4	183.2	217.6
20°	0.0	6.9	17.5	29.6	43.5	60.7	83.4	114.3	151.2	187.8	223.9
17.5°	0.0	6.9	17.7	29.8	44.0	61.6	84.3	115.7	154.7	191.8	229.5
15°	0.0	7.0	17.9	30.1	44.5	62.3	85.5	117.0	157.8	195.3	234.4
12.5°	0.0	7.0	18.0	30.2	44.8	62.8	86.3	118.2	160.5	198.2	238.4
10°	0.0	7.0	18.1	30.3	45.0	63.1	86.8	118.9	162.5	200.7	241.6
7.5°	0.0	7.0	18.1	30.3	45.1	63.2	87.0	119.0	164.0	202.6	244.1
5°	0.0	7.0	18.1	30.2	45.1	63.1	86.9	118.7	164.8	203.9	245.8
2.5°	0.0	6.9	18.0	30.0	44.9	62.9	86.6	117.9	164.9	204.5	246.6
0°	0.0	6.9	17.9	29.8	44.7	62.5	85.9	116.6	164.3	204.5	246.6
-2.5°	0.0	6.9	18.0	30.0	44.9	62.9	86.6	117.9	164.9	204.5	246.6
-5°	0.0	7.0	18.1	30.2	45.1	63.1	86.9	118.7	164.8	203.9	245.8
-7.5°	0.0	7.0	18.1	30.3	45.1	63.2	87.0	119.0	164.0	202.6	244.1
-10°	0.0	7.0	18.1	30.3	45.0	63.1	86.8	118.9	162.5	200.7	241.6
-12.5°	0.0	7.0	18.0	30.2	44.8	62.8	86.3	118.2	160.5	198.2	238.4
-15°	0.0	7.0	17.9	30.1	44.5	62.3	85.5	117.0	157.8	195.3	234.4
-17.5°	0.0	6.9	17.7	29.8	44.0	61.6	84.3	115.7	154.7	191.8	229.5
-20°	0.0	6.9	17.5	29.6	43.5	60.7	83.4	114.3	151.2	187.8	223.9

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA2B-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	6.8	17.3	29.2	42.9	59.6	83.0	112.6	147.4	183.2	217.6
-25°	0.0	6.7	17.0	28.7	42.1	59.1	82.3	110.5	143.4	178.1	210.4
-27.5°	0.0	6.6	16.7	28.2	41.3	58.8	81.3	108.2	139.2	172.5	203.9
-30°	0.0	6.5	16.3	27.6	40.4	58.2	80.0	105.6	135.5	166.8	197.0
-32.5°	0.0	6.4	15.9	27.0	40.1	57.3	78.5	103.5	131.9	161.1	189.5
-35°	0.0	6.2	15.5	26.2	39.5	56.3	77.1	101.3	128.0	155.5	181.7
-37.5°	0.0	6.1	15.0	25.4	38.8	55.1	75.6	98.8	124.0	149.9	173.9
-40°	0.0	5.9	14.5	24.5	38.0	54.1	73.8	96.0	119.9	144.9	166.4
-42.5°	0.0	5.7	13.9	23.6	37.1	52.9	71.6	93.0	116.0	138.5	158.4
-45°	0.0	5.5	13.3	22.8	36.0	51.5	69.2	89.8	112.2	131.6	150.2
-47.5°	0.0	5.3	12.7	22.0	34.8	49.8	66.5	86.6	107.9	124.5	142.2
-50°	0.0	5.0	12.0	21.0	33.4	47.9	64.1	83.0	102.0	117.9	134.0
-52.5°	0.0	4.8	11.3	20.1	31.9	45.8	61.5	79.1	96.1	111.1	125.6
-55°	0.0	4.5	10.6	19.0	30.2	43.6	58.6	74.9	89.9	104.2	118.0
-57.5°	0.0	4.3	9.8	17.8	28.3	41.1	55.5	71.0	83.5	96.9	110.2
-60°	0.0	4.0	9.1	16.5	26.4	38.4	52.1	66.2	76.9	89.3	102.0
-62.5°	0.0	3.7	8.4	15.1	24.2	35.5	48.3	60.9	70.5	81.4	93.2
-65°	0.0	3.4	7.7	13.6	21.9	32.4	44.3	55.2	63.7	73.3	84.1
-67.5°	0.0	3.1	7.0	12.1	19.5	29.0	40.0	49.2	56.6	64.8	74.3
-70°	0.0	2.8	6.3	10.4	17.0	25.3	35.5	43.1	49.4	56.0	63.9
-72.5°	0.0	2.4	5.6	9.1	14.3	21.5	30.3	36.9	42.0	47.5	53.4
-75°	0.0	2.1	4.8	7.9	11.5	17.5	24.9	30.3	34.5	38.9	43.5
-77.5°	0.0	1.8	4.0	6.6	9.5	13.4	19.3	23.6	27.1	30.3	33.5
-80°	0.0	1.4	3.2	5.3	7.7	10.3	13.5	16.8	19.7	22.2	24.5
-82.5°	0.0	1.1	2.4	4.0	5.8	7.8	10.0	11.1	12.2	14.1	15.9
-85°	0.0	0.7	1.6	2.7	3.9	5.2	6.7	7.4	8.0	8.4	8.8
-87.5°	0.0	0.4	0.8	1.3	1.9	2.6	3.3	3.7	4.0	4.2	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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CATALOG NUMBER: GFLD-SA2B-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.5	4.5	4.4	4.2	4.1	3.8	3.5	3.2	3.3	3.4	3.6
85°	8.9	8.9	9.7	10.3	10.7	10.7	10.5	10.1	11.4	12.9	14.5
82.5°	17.5	19.0	20.4	21.8	21.9	21.6	20.9	20.1	22.8	26.0	29.3
80°	26.8	29.0	31.6	34.0	34.6	34.3	33.6	32.3	35.8	40.8	46.2
77.5°	37.2	40.7	44.0	47.0	47.9	47.8	47.2	46.3	50.7	57.6	64.7
75°	48.1	52.4	56.7	60.4	62.0	62.1	61.9	63.0	68.9	76.9	84.0
72.5°	59.5	65.0	69.8	73.9	76.5	78.5	81.1	84.3	90.2	98.1	105.0
70°	71.6	77.7	82.7	87.3	91.3	95.6	101.0	106.5	112.7	120.6	127.8
67.5°	83.5	89.7	95.4	101.0	108.2	115.0	121.9	129.0	136.8	145.1	152.4
65°	94.6	101.5	108.5	116.6	125.9	133.7	142.1	151.4	161.7	171.0	179.5
62.5°	105.2	113.0	121.6	131.4	141.5	151.3	162.6	174.5	186.6	198.2	209.8
60°	114.1	123.9	134.3	145.4	157.1	170.4	183.7	197.8	212.2	226.2	240.6
57.5°	122.7	134.8	146.8	159.8	174.3	189.5	205.4	221.4	238.6	255.6	271.8
55°	131.6	145.8	159.6	175.0	191.6	209.4	227.4	246.7	265.7	287.1	306.8
52.5°	141.2	156.6	172.8	190.4	209.8	229.9	251.0	273.2	296.8	320.6	344.7
50°	150.5	167.9	185.9	206.9	228.7	251.6	276.0	301.8	329.3	356.8	386.0
47.5°	160.2	178.8	200.8	223.6	248.5	274.7	302.3	332.9	363.5	398.1	431.6
45°	169.8	191.2	215.1	241.6	268.9	298.4	331.1	364.8	403.8	443.0	487.0
42.5°	179.0	203.8	230.6	258.9	290.1	323.9	360.2	402.5	446.6	495.0	546.7
40°	189.6	215.7	245.9	277.6	311.4	350.0	393.7	440.7	494.4	551.9	610.5
37.5°	199.9	229.2	261.0	295.4	334.6	378.2	426.3	484.0	546.0	611.3	691.1
35°	209.5	242.0	276.6	314.3	356.7	407.2	464.8	528.6	600.0	684.2	777.3
32.5°	219.7	254.1	291.3	333.6	381.6	436.8	502.2	577.3	661.8	757.6	874.1
30°	230.0	266.6	305.9	351.7	405.1	468.9	543.3	626.2	723.4	843.7	980.4
27.5°	239.6	278.3	321.4	370.9	427.9	498.5	582.8	680.0	794.5	930.4	1090.1
25°	248.3	288.9	335.6	389.1	453.1	530.5	621.9	729.5	865.6	1027.6	1224.1
22.5°	256.6	298.6	348.4	405.5	475.8	561.5	664.3	787.5	937.9	1119.7	1355.4
20°	264.5	309.1	361.1	421.2	496.0	589.5	703.3	841.6	1012.8	1228.0	1484.1
17.5°	271.3	318.3	373.2	438.2	518.7	618.0	740.1	889.4	1079.4	1324.7	1602.9
15°	277.3	326.3	383.6	452.9	539.0	646.2	778.8	941.8	1148.9	1412.7	1707.2
12.5°	282.2	333.0	392.4	465.3	556.1	670.1	811.7	988.5	1216.6	1495.5	1798.8
10°	286.1	338.3	399.5	475.3	569.9	689.4	838.9	1026.7	1272.9	1566.5	1876.2
7.5°	289.4	342.5	404.9	482.8	580.3	704.2	860.1	1056.1	1317.0	1622.7	1935.7
5°	291.7	345.5	409.0	488.1	588.0	714.6	874.9	1076.7	1348.3	1663.5	1976.3
2.5°	293.0	347.1	411.3	491.0	592.7	720.5	882.6	1089.7	1365.5	1686.7	2000.9
0°	293.3	347.4	411.9	491.3	594.0	721.6	883.8	1093.7	1369.2	1692.7	2009.8
-2.5°	293.0	347.1	411.3	491.0	592.7	720.5	882.6	1089.7	1365.5	1686.7	2000.9
-5°	291.7	345.5	409.0	488.1	588.0	714.6	874.9	1076.7	1348.3	1663.5	1976.3
-7.5°	289.4	342.5	404.9	482.8	580.3	704.2	860.1	1056.1	1317.0	1622.7	1935.7
-10°	286.1	338.3	399.5	475.3	569.9	689.4	838.9	1026.7	1272.9	1566.5	1876.2
-12.5°	282.2	333.0	392.4	465.3	556.1	670.1	811.7	988.5	1216.6	1495.5	1798.8
-15°	277.3	326.3	383.6	452.9	539.0	646.2	778.8	941.8	1148.9	1412.7	1707.2
-17.5°	271.3	318.3	373.2	438.2	518.7	618.0	740.1	889.4	1079.4	1324.7	1602.9
-20°	264.5	309.1	361.1	421.2	496.0	589.5	703.3	841.6	1012.8	1228.0	1484.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626833 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	256.6	298.6	348.4	405.5	475.8	561.5	664.3	787.5	937.9	1119.7	1355.4
-25°	248.3	288.9	335.6	389.1	453.1	530.5	621.9	729.5	865.6	1027.6	1224.1
-27.5°	239.6	278.3	321.4	370.9	427.9	498.5	582.8	680.0	794.5	930.4	1090.1
-30°	230.0	266.6	305.9	351.7	405.1	468.9	543.3	626.2	723.4	843.7	980.4
-32.5°	219.7	254.1	291.3	333.6	381.6	436.8	502.2	577.3	661.8	757.6	874.1
-35°	209.5	242.0	276.6	314.3	356.7	407.2	464.8	528.6	600.0	684.2	777.3
-37.5°	199.9	229.2	261.0	295.4	334.6	378.2	426.3	484.0	546.0	611.3	691.1
-40°	189.6	215.7	245.9	277.6	311.4	350.0	393.7	440.7	494.4	551.9	610.5
-42.5°	179.0	203.8	230.6	258.9	290.1	323.9	360.2	402.5	446.6	495.0	546.7
-45°	169.8	191.2	215.1	241.6	268.9	298.4	331.1	364.8	403.8	443.0	487.0
-47.5°	160.2	178.8	200.8	223.6	248.5	274.7	302.3	332.9	363.5	398.1	431.6
-50°	150.5	167.9	185.9	206.9	228.7	251.6	276.0	301.8	329.3	356.8	386.0
-52.5°	141.2	156.6	172.8	190.4	209.8	229.9	251.0	273.2	296.8	320.6	344.7
-55°	131.6	145.8	159.6	175.0	191.6	209.4	227.4	246.7	265.7	287.1	306.8
-57.5°	122.7	134.8	146.8	159.8	174.3	189.5	205.4	221.4	238.6	255.6	271.8
-60°	114.1	123.9	134.3	145.4	157.1	170.4	183.7	197.8	212.2	226.2	240.6
-62.5°	105.2	113.0	121.6	131.4	141.5	151.3	162.6	174.5	186.6	198.2	209.8
-65°	94.6	101.5	108.5	116.6	125.9	133.7	142.1	151.4	161.7	171.0	179.5
-67.5°	83.5	89.7	95.4	101.0	108.2	115.0	121.9	129.0	136.8	145.1	152.4
-70°	71.6	77.7	82.7	87.3	91.3	95.6	101.0	106.5	112.7	120.6	127.8
-72.5°	59.5	65.0	69.8	73.9	76.5	78.5	81.1	84.3	90.2	98.1	105.0
-75°	48.1	52.4	56.7	60.4	62.0	62.1	61.9	63.0	68.9	76.9	84.0
-77.5°	37.2	40.7	44.0	47.0	47.9	47.8	47.2	46.3	50.7	57.6	64.7
-80°	26.8	29.0	31.6	34.0	34.6	34.3	33.6	32.3	35.8	40.8	46.2
-82.5°	17.5	19.0	20.4	21.8	21.9	21.6	20.9	20.1	22.8	26.0	29.3
-85°	8.9	8.9	9.7	10.3	10.7	10.7	10.5	10.1	11.4	12.9	14.5
-87.5°	4.5	4.5	4.4	4.2	4.1	3.8	3.5	3.2	3.3	3.4	3.6
-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: P626833 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-U-WR-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°	3.7	3.6	3.5	3.3	3.2	3.1	3.1	3.0	2.9	2.7	2.5
85°	16.1	16.5	16.7	16.8	16.8	17.4	17.9	18.3	18.7	17.0	15.0
82.5°	32.8	34.4	35.7	37.1	38.4	39.3	40.0	40.5	40.8	37.0	32.6
80°	51.7	54.9	57.6	60.1	62.6	63.2	63.2	62.8	62.2	56.9	50.9
77.5°	71.9	76.1	79.4	82.8	86.0	87.3	87.8	88.3	88.6	82.1	74.0
75°	90.2	95.2	99.9	104.3	108.3	110.5	111.7	112.7	113.5	107.0	98.3
72.5°	111.0	116.4	121.5	126.3	130.6	133.4	135.3	136.8	138.0	134.2	128.8
70°	134.0	139.5	144.9	149.9	154.8	158.6	161.6	164.2	166.3	166.7	166.5
67.5°	159.5	166.0	172.4	177.9	183.7	189.0	193.8	197.7	200.8	202.9	204.0
65°	188.1	197.9	206.7	214.1	220.3	227.5	233.8	238.6	242.0	244.6	246.8
62.5°	221.8	233.7	243.7	253.6	263.8	273.7	279.9	286.1	292.1	297.9	302.7
60°	254.3	267.3	280.8	293.4	305.1	315.8	327.0	336.8	345.4	352.6	358.0
57.5°	288.8	304.7	320.1	336.1	351.2	365.2	379.0	391.6	402.6	411.8	419.3
55°	326.3	345.8	364.1	384.4	404.1	422.1	438.6	455.6	470.8	484.3	495.0
52.5°	366.8	392.1	416.3	440.2	465.7	488.7	509.4	532.9	553.8	571.0	584.4
50°	415.1	444.8	476.8	506.4	538.6	570.3	599.6	627.9	655.6	679.6	699.0
47.5°	470.1	506.7	546.3	585.5	625.5	668.9	707.6	743.5	782.3	815.9	842.9
45°	531.3	577.9	625.8	680.9	731.6	787.3	838.9	885.3	940.2	988.6	1027.6
42.5°	599.2	661.2	724.1	793.5	860.9	931.7	1006.8	1073.5	1146.3	1215.8	1272.0
40°	683.3	757.4	841.7	925.7	1022.4	1113.3	1222.7	1322.2	1412.5	1495.4	1563.3
37.5°	776.7	872.2	978.0	1087.5	1219.8	1349.5	1477.6	1598.6	1705.4	1796.1	1872.1
35°	882.8	1004.1	1132.3	1292.1	1447.2	1602.5	1747.2	1879.4	1995.6	2097.9	2184.9
32.5°	1004.8	1150.4	1329.9	1509.4	1686.3	1857.3	2016.2	2160.4	2287.8	2402.6	2502.7
30°	1133.1	1331.8	1533.2	1730.2	1923.3	2110.7	2285.0	2443.9	2587.8	2715.6	2830.9
27.5°	1296.1	1516.3	1735.9	1948.3	2160.8	2365.8	2554.8	2731.3	2896.4	3040.9	3172.6
25°	1453.8	1697.0	1930.6	2162.1	2393.3	2613.5	2824.8	3024.1	3213.3	3379.1	3526.2
22.5°	1611.5	1866.1	2115.6	2364.5	2613.0	2858.4	3095.7	3324.0	3535.5	3724.4	3889.9
20°	1757.5	2023.6	2290.5	2558.8	2828.1	3096.8	3363.2	3620.2	3855.9	4074.0	4265.6
17.5°	1888.4	2171.5	2454.4	2741.4	3033.4	3325.0	3621.0	3909.1	4178.5	4426.6	4648.9
15°	2004.3	2299.7	2603.5	2913.3	3226.8	3543.5	3866.6	4188.8	4492.1	4773.9	5022.1
12.5°	2105.7	2412.8	2731.2	3060.4	3400.6	3745.7	4098.2	4451.4	4787.2	5112.6	5380.5
10°	2189.3	2509.0	2841.8	3187.6	3546.4	3917.8	4296.0	4676.3	5046.2	5391.3	5697.8
7.5°	2253.9	2585.5	2928.5	3288.1	3664.6	4056.2	4456.9	4860.4	5255.2	5627.1	5966.1
5°	2299.5	2641.2	2988.5	3362.6	3752.2	4158.0	4574.4	4994.9	5407.6	5798.6	6150.0
2.5°	2326.0	2674.7	3023.5	3407.9	3804.2	4219.6	4647.3	5074.8	5498.3	5903.9	6265.0
0°	2332.9	2684.7	3043.5	3412.7	3820.7	4248.4	4660.8	5089.6	5529.8	5929.7	6289.5
-2.5°	2326.0	2674.7	3023.5	3407.9	3804.2	4219.6	4647.3	5074.8	5498.3	5903.9	6265.0
-5°	2299.5	2641.2	2988.5	3362.6	3752.2	4158.0	4574.4	4994.9	5407.6	5798.6	6150.0
-7.5°	2253.9	2585.5	2928.5	3288.1	3664.6	4056.2	4456.9	4860.4	5255.2	5627.1	5966.1
-10°	2189.3	2509.0	2841.8	3187.6	3546.4	3917.8	4296.0	4676.3	5046.2	5391.3	5697.8
-12.5°	2105.7	2412.8	2731.2	3060.4	3400.6	3745.7	4098.2	4451.4	4787.2	5112.6	5380.5
-15°	2004.3	2299.7	2603.5	2913.3	3226.8	3543.5	3866.6	4188.8	4492.1	4773.9	5022.1
-17.5°	1888.4	2171.5	2454.4	2741.4	3033.4	3325.0	3621.0	3909.1	4178.5	4426.6	4648.9
-20°	1757.5	2023.6	2290.5	2558.8	2828.1	3096.8	3363.2	3620.2	3855.9	4074.0	4265.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626833 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1611.5	1866.1	2115.6	2364.5	2613.0	2858.4	3095.7	3324.0	3535.5	3724.4	3889.9
-25°	1453.8	1697.0	1930.6	2162.1	2393.3	2613.5	2824.8	3024.1	3213.3	3379.1	3526.2
-27.5°	1296.1	1516.3	1735.9	1948.3	2160.8	2365.8	2554.8	2731.3	2896.4	3040.9	3172.6
-30°	1133.1	1331.8	1533.2	1730.2	1923.3	2110.7	2285.0	2443.9	2587.8	2715.6	2830.9
-32.5°	1004.8	1150.4	1329.9	1509.4	1686.3	1857.3	2016.2	2160.4	2287.8	2402.6	2502.7
-35°	882.8	1004.1	1132.3	1292.1	1447.2	1602.5	1747.2	1879.4	1995.6	2097.9	2184.9
-37.5°	776.7	872.2	978.0	1087.5	1219.8	1349.5	1477.6	1598.6	1705.4	1796.1	1872.1
-40°	683.3	757.4	841.7	925.7	1022.4	1113.3	1222.7	1322.2	1412.5	1495.4	1563.3
-42.5°	599.2	661.2	724.1	793.5	860.9	931.7	1006.8	1073.5	1146.3	1215.8	1272.0
-45°	531.3	577.9	625.8	680.9	731.6	787.3	838.9	885.3	940.2	988.6	1027.6
-47.5°	470.1	506.7	546.3	585.5	625.5	668.9	707.6	743.5	782.3	815.9	842.9
-50°	415.1	444.8	476.8	506.4	538.6	570.3	599.6	627.9	655.6	679.6	699.0
-52.5°	366.8	392.1	416.3	440.2	465.7	488.7	509.4	532.9	553.8	571.0	584.4
-55°	326.3	345.8	364.1	384.4	404.1	422.1	438.6	455.6	470.8	484.3	495.0
-57.5°	288.8	304.7	320.1	336.1	351.2	365.2	379.0	391.6	402.6	411.8	419.3
-60°	254.3	267.3	280.8	293.4	305.1	315.8	327.0	336.8	345.4	352.6	358.0
-62.5°	221.8	233.7	243.7	253.6	263.8	273.7	279.9	286.1	292.1	297.9	302.7
-65°	188.1	197.9	206.7	214.1	220.3	227.5	233.8	238.6	242.0	244.6	246.8
-67.5°	159.5	166.0	172.4	177.9	183.7	189.0	193.8	197.7	200.8	202.9	204.0
-70°	134.0	139.5	144.9	149.9	154.8	158.6	161.6	164.2	166.3	166.7	166.5
-72.5°	111.0	116.4	121.5	126.3	130.6	133.4	135.3	136.8	138.0	134.2	128.8
-75°	90.2	95.2	99.9	104.3	108.3	110.5	111.7	112.7	113.5	107.0	98.3
-77.5°	71.9	76.1	79.4	82.8	86.0	87.3	87.8	88.3	88.6	82.1	74.0
-80°	51.7	54.9	57.6	60.1	62.6	63.2	63.2	62.8	62.2	56.9	50.9
-82.5°	32.8	34.4	35.7	37.1	38.4	39.3	40.0	40.5	40.8	37.0	32.6
-85°	16.1	16.5	16.7	16.8	16.8	17.4	17.9	18.3	18.7	17.0	15.0
-87.5°	3.7	3.6	3.5	3.3	3.2	3.1	3.1	3.0	2.9	2.7	2.5
-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: P626833 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-722-U-WR-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°	2.2	2.0	1.7	1.5	1.7	2.0	2.2	2.5	2.7	2.9	3.0
85°	13.0	10.8	10.6	10.4	10.6	10.8	13.0	15.0	17.0	18.7	18.3
82.5°	28.0	23.2	22.5	21.8	22.5	23.2	28.0	32.6	37.0	40.8	40.5
80°	44.6	38.2	36.9	35.7	36.9	38.2	44.6	50.9	56.9	62.2	62.8
77.5°	65.5	56.7	54.1	51.6	54.1	56.7	65.5	74.0	82.1	88.6	88.3
75°	89.3	80.0	76.9	73.9	76.9	80.0	89.3	98.3	107.0	113.5	112.7
72.5°	123.3	117.7	112.0	105.7	112.0	117.7	123.3	128.8	134.2	138.0	136.8
70°	166.3	165.9	164.5	162.3	164.5	165.9	166.3	166.5	166.7	166.3	164.2
67.5°	204.5	204.3	204.9	205.0	204.9	204.3	204.5	204.0	202.9	200.8	197.7
65°	248.2	248.6	249.6	250.1	249.6	248.6	248.2	246.8	244.6	242.0	238.6
62.5°	306.5	309.0	310.3	310.2	310.3	309.0	306.5	302.7	297.9	292.1	286.1
60°	362.0	364.6	366.3	366.7	366.3	364.6	362.0	358.0	352.6	345.4	336.8
57.5°	425.3	429.6	431.9	432.2	431.9	429.6	425.3	419.3	411.8	402.6	391.6
55°	503.1	508.9	511.4	511.1	511.4	508.9	503.1	495.0	484.3	470.8	455.6
52.5°	594.6	601.5	606.7	609.9	606.7	601.5	594.6	584.4	571.0	553.8	532.9
50°	713.5	723.5	729.9	732.5	729.9	723.5	713.5	699.0	679.6	655.6	627.9
47.5°	862.4	875.6	885.4	892.3	885.4	875.6	862.4	842.9	815.9	782.3	743.5
45°	1056.3	1076.5	1090.2	1098.2	1090.2	1076.5	1056.3	1027.6	988.6	940.2	885.3
42.5°	1315.8	1347.1	1366.2	1373.6	1366.2	1347.1	1315.8	1272.0	1215.8	1146.3	1073.5
40°	1616.9	1654.5	1679.2	1696.2	1679.2	1654.5	1616.9	1563.3	1495.4	1412.5	1322.2
37.5°	1930.5	1970.0	1994.0	2010.3	1994.0	1970.0	1930.5	1872.1	1796.1	1705.4	1598.6
35°	2250.5	2291.8	2314.4	2326.9	2314.4	2291.8	2250.5	2184.9	2097.9	1995.6	1879.4
32.5°	2578.9	2624.5	2649.0	2674.3	2649.0	2624.5	2578.9	2502.7	2402.6	2287.8	2160.4
30°	2922.0	2974.3	2999.9	3012.3	2999.9	2974.3	2922.0	2830.9	2715.6	2587.8	2443.9
27.5°	3279.0	3344.1	3376.2	3397.4	3376.2	3344.1	3279.0	3172.6	3040.9	2896.4	2731.3
25°	3650.4	3731.1	3767.9	3800.8	3767.9	3731.1	3650.4	3526.2	3379.1	3213.3	3024.1
22.5°	4035.8	4136.4	4178.9	4202.3	4178.9	4136.4	4035.8	3889.9	3724.4	3535.5	3324.0
20°	4431.3	4551.4	4610.5	4641.0	4610.5	4551.4	4431.3	4265.6	4074.0	3855.9	3620.2
17.5°	4835.6	4985.0	5061.6	5079.2	5061.6	4985.0	4835.6	4648.9	4426.6	4178.5	3909.1
15°	5232.6	5394.2	5484.7	5517.8	5484.7	5394.2	5232.6	5022.1	4773.9	4492.1	4188.8
12.5°	5608.6	5776.1	5884.2	5903.4	5884.2	5776.1	5608.6	5380.5	5112.6	4787.2	4451.4
10°	5949.5	6123.1	6242.4	6269.7	6242.4	6123.1	5949.5	5697.8	5391.3	5046.2	4676.3
7.5°	6234.6	6425.0	6556.9	6579.8	6556.9	6425.0	6234.6	5966.1	5627.1	5255.2	4860.4
5°	6443.1	6669.1	6777.4	6804.6	6777.4	6669.1	6443.1	6150.0	5798.6	5407.6	4994.9
2.5°	6557.5	6787.7	6938.2	6920.8	6938.2	6787.7	6557.5	6265.0	5903.9	5498.3	5074.8
0°	6570.4	6811.1	6955.0	7021.5	6955.0	6811.1	6570.4	6289.5	5929.7	5529.8	5089.6
-2.5°	6557.5	6787.7	6938.2	6920.8	6938.2	6787.7	6557.5	6265.0	5903.9	5498.3	5074.8
-5°	6443.1	6669.1	6777.4	6804.6	6777.4	6669.1	6443.1	6150.0	5798.6	5407.6	4994.9
-7.5°	6234.6	6425.0	6556.9	6579.8	6556.9	6425.0	6234.6	5966.1	5627.1	5255.2	4860.4
-10°	5949.5	6123.1	6242.4	6269.7	6242.4	6123.1	5949.5	5697.8	5391.3	5046.2	4676.3
-12.5°	5608.6	5776.1	5884.2	5903.4	5884.2	5776.1	5608.6	5380.5	5112.6	4787.2	4451.4
-15°	5232.6	5394.2	5484.7	5517.8	5484.7	5394.2	5232.6	5022.1	4773.9	4492.1	4188.8
-17.5°	4835.6	4985.0	5061.6	5079.2	5061.6	4985.0	4835.6	4648.9	4426.6	4178.5	3909.1
-20°	4431.3	4551.4	4610.5	4641.0	4610.5	4551.4	4431.3	4265.6	4074.0	3855.9	3620.2



REPORT NUMBER: P626833 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4035.8	4136.4	4178.9	4202.3	4178.9	4136.4	4035.8	3889.9	3724.4	3535.5	3324.0
-25°	3650.4	3731.1	3767.9	3800.8	3767.9	3731.1	3650.4	3526.2	3379.1	3213.3	3024.1
-27.5°	3279.0	3344.1	3376.2	3397.4	3376.2	3344.1	3279.0	3172.6	3040.9	2896.4	2731.3
-30°	2922.0	2974.3	2999.9	3012.3	2999.9	2974.3	2922.0	2830.9	2715.6	2587.8	2443.9
-32.5°	2578.9	2624.5	2649.0	2674.3	2649.0	2624.5	2578.9	2502.7	2402.6	2287.8	2160.4
-35°	2250.5	2291.8	2314.4	2326.9	2314.4	2291.8	2250.5	2184.9	2097.9	1995.6	1879.4
-37.5°	1930.5	1970.0	1994.0	2010.3	1994.0	1970.0	1930.5	1872.1	1796.1	1705.4	1598.6
-40°	1616.9	1654.5	1679.2	1696.2	1679.2	1654.5	1616.9	1563.3	1495.4	1412.5	1322.2
-42.5°	1315.8	1347.1	1366.2	1373.6	1366.2	1347.1	1315.8	1272.0	1215.8	1146.3	1073.5
-45°	1056.3	1076.5	1090.2	1098.2	1090.2	1076.5	1056.3	1027.6	988.6	940.2	885.3
-47.5°	862.4	875.6	885.4	892.3	885.4	875.6	862.4	842.9	815.9	782.3	743.5
-50°	713.5	723.5	729.9	732.5	729.9	723.5	713.5	699.0	679.6	655.6	627.9
-52.5°	594.6	601.5	606.7	609.9	606.7	601.5	594.6	584.4	571.0	553.8	532.9
-55°	503.1	508.9	511.4	511.1	511.4	508.9	503.1	495.0	484.3	470.8	455.6
-57.5°	425.3	429.6	431.9	432.2	431.9	429.6	425.3	419.3	411.8	402.6	391.6
-60°	362.0	364.6	366.3	366.7	366.3	364.6	362.0	358.0	352.6	345.4	336.8
-62.5°	306.5	309.0	310.3	310.2	310.3	309.0	306.5	302.7	297.9	292.1	286.1
-65°	248.2	248.6	249.6	250.1	249.6	248.6	248.2	246.8	244.6	242.0	238.6
-67.5°	204.5	204.3	204.9	205.0	204.9	204.3	204.5	204.0	202.9	200.8	197.7
-70°	166.3	165.9	164.5	162.3	164.5	165.9	166.3	166.5	166.7	166.3	164.2
-72.5°	123.3	117.7	112.0	105.7	112.0	117.7	123.3	128.8	134.2	138.0	136.8
-75°	89.3	80.0	76.9	73.9	76.9	80.0	89.3	98.3	107.0	113.5	112.7
-77.5°	65.5	56.7	54.1	51.6	54.1	56.7	65.5	74.0	82.1	88.6	88.3
-80°	44.6	38.2	36.9	35.7	36.9	38.2	44.6	50.9	56.9	62.2	62.8
-82.5°	28.0	23.2	22.5	21.8	22.5	23.2	28.0	32.6	37.0	40.8	40.5
-85°	13.0	10.8	10.6	10.4	10.6	10.8	13.0	15.0	17.0	18.7	18.3
-87.5°	2.2	2.0	1.7	1.5	1.7	2.0	2.2	2.5	2.7	2.9	3.0
-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: P626833 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-722-U-WR-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°	3.1	3.1	3.2	3.3	3.5	3.6	3.7	3.6	3.4	3.3	3.2
85°	17.9	17.4	16.8	16.8	16.7	16.5	16.1	14.5	12.9	11.4	10.1
82.5°	40.0	39.3	38.4	37.1	35.7	34.4	32.8	29.3	26.0	22.8	20.1
80°	63.2	63.2	62.6	60.1	57.6	54.9	51.7	46.2	40.8	35.8	32.3
77.5°	87.8	87.3	86.0	82.8	79.4	76.1	71.9	64.7	57.6	50.7	46.3
75°	111.7	110.5	108.3	104.3	99.9	95.2	90.2	84.0	76.9	68.9	63.0
72.5°	135.3	133.4	130.6	126.3	121.5	116.4	111.0	105.0	98.1	90.2	84.3
70°	161.6	158.6	154.8	149.9	144.9	139.5	134.0	127.8	120.6	112.7	106.5
67.5°	193.8	189.0	183.7	177.9	172.4	166.0	159.5	152.4	145.1	136.8	129.0
65°	233.8	227.5	220.3	214.1	206.7	197.9	188.1	179.5	171.0	161.7	151.4
62.5°	279.9	273.7	263.8	253.6	243.7	233.7	221.8	209.8	198.2	186.6	174.5
60°	327.0	315.8	305.1	293.4	280.8	267.3	254.3	240.6	226.2	212.2	197.8
57.5°	379.0	365.2	351.2	336.1	320.1	304.7	288.8	271.8	255.6	238.6	221.4
55°	438.6	422.1	404.1	384.4	364.1	345.8	326.3	306.8	287.1	265.7	246.7
52.5°	509.4	488.7	465.7	440.2	416.3	392.1	366.8	344.7	320.6	296.8	273.2
50°	599.6	570.3	538.6	506.4	476.8	444.8	415.1	386.0	356.8	329.3	301.8
47.5°	707.6	668.9	625.5	585.5	546.3	506.7	470.1	431.6	398.1	363.5	332.9
45°	838.9	787.3	731.6	680.9	625.8	577.9	531.3	487.0	443.0	403.8	364.8
42.5°	1006.8	931.7	860.9	793.5	724.1	661.2	599.2	546.7	495.0	446.6	402.5
40°	1222.7	1113.3	1022.4	925.7	841.7	757.4	683.3	610.5	551.9	494.4	440.7
37.5°	1477.6	1349.5	1219.8	1087.5	978.0	872.2	776.7	691.1	611.3	546.0	484.0
35°	1747.2	1602.5	1447.2	1292.1	1132.3	1004.1	882.8	777.3	684.2	600.0	528.6
32.5°	2016.2	1857.3	1686.3	1509.4	1329.9	1150.4	1004.8	874.1	757.6	661.8	577.3
30°	2285.0	2110.7	1923.3	1730.2	1533.2	1331.8	1133.1	980.4	843.7	723.4	626.2
27.5°	2554.8	2365.8	2160.8	1948.3	1735.9	1516.3	1296.1	1090.1	930.4	794.5	680.0
25°	2824.8	2613.5	2393.3	2162.1	1930.6	1697.0	1453.8	1224.1	1027.6	865.6	729.5
22.5°	3095.7	2858.4	2613.0	2364.5	2115.6	1866.1	1611.5	1355.4	1119.7	937.9	787.5
20°	3363.2	3096.8	2828.1	2558.8	2290.5	2023.6	1757.5	1484.1	1228.0	1012.8	841.6
17.5°	3621.0	3325.0	3033.4	2741.4	2454.4	2171.5	1888.4	1602.9	1324.7	1079.4	889.4
15°	3866.6	3543.5	3226.8	2913.3	2603.5	2299.7	2004.3	1707.2	1412.7	1148.9	941.8
12.5°	4098.2	3745.7	3400.6	3060.4	2731.2	2412.8	2105.7	1798.8	1495.5	1216.6	988.5
10°	4296.0	3917.8	3546.4	3187.6	2841.8	2509.0	2189.3	1876.2	1566.5	1272.9	1026.7
7.5°	4456.9	4056.2	3664.6	3288.1	2928.5	2585.5	2253.9	1935.7	1622.7	1317.0	1056.1
5°	4574.4	4158.0	3752.2	3362.6	2988.5	2641.2	2299.5	1976.3	1663.5	1348.3	1076.7
2.5°	4647.3	4219.6	3804.2	3407.9	3023.5	2674.7	2326.0	2000.9	1686.7	1365.5	1089.7
0°	4660.8	4248.4	3820.7	3412.7	3043.5	2684.7	2332.9	2009.8	1692.7	1369.2	1093.7
-2.5°	4647.3	4219.6	3804.2	3407.9	3023.5	2674.7	2326.0	2000.9	1686.7	1365.5	1089.7
-5°	4574.4	4158.0	3752.2	3362.6	2988.5	2641.2	2299.5	1976.3	1663.5	1348.3	1076.7
-7.5°	4456.9	4056.2	3664.6	3288.1	2928.5	2585.5	2253.9	1935.7	1622.7	1317.0	1056.1
-10°	4296.0	3917.8	3546.4	3187.6	2841.8	2509.0	2189.3	1876.2	1566.5	1272.9	1026.7
-12.5°	4098.2	3745.7	3400.6	3060.4	2731.2	2412.8	2105.7	1798.8	1495.5	1216.6	988.5
-15°	3866.6	3543.5	3226.8	2913.3	2603.5	2299.7	2004.3	1707.2	1412.7	1148.9	941.8
-17.5°	3621.0	3325.0	3033.4	2741.4	2454.4	2171.5	1888.4	1602.9	1324.7	1079.4	889.4
-20°	3363.2	3096.8	2828.1	2558.8	2290.5	2023.6	1757.5	1484.1	1228.0	1012.8	841.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626833 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-722-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3095.7	2858.4	2613.0	2364.5	2115.6	1866.1	1611.5	1355.4	1119.7	937.9	787.5
-25°	2824.8	2613.5	2393.3	2162.1	1930.6	1697.0	1453.8	1224.1	1027.6	865.6	729.5
-27.5°	2554.8	2365.8	2160.8	1948.3	1735.9	1516.3	1296.1	1090.1	930.4	794.5	680.0
-30°	2285.0	2110.7	1923.3	1730.2	1533.2	1331.8	1133.1	980.4	843.7	723.4	626.2
-32.5°	2016.2	1857.3	1686.3	1509.4	1329.9	1150.4	1004.8	874.1	757.6	661.8	577.3
-35°	1747.2	1602.5	1447.2	1292.1	1132.3	1004.1	882.8	777.3	684.2	600.0	528.6
-37.5°	1477.6	1349.5	1219.8	1087.5	978.0	872.2	776.7	691.1	611.3	546.0	484.0
-40°	1222.7	1113.3	1022.4	925.7	841.7	757.4	683.3	610.5	551.9	494.4	440.7
-42.5°	1006.8	931.7	860.9	793.5	724.1	661.2	599.2	546.7	495.0	446.6	402.5
-45°	838.9	787.3	731.6	680.9	625.8	577.9	531.3	487.0	443.0	403.8	364.8
-47.5°	707.6	668.9	625.5	585.5	546.3	506.7	470.1	431.6	398.1	363.5	332.9
-50°	599.6	570.3	538.6	506.4	476.8	444.8	415.1	386.0	356.8	329.3	301.8
-52.5°	509.4	488.7	465.7	440.2	416.3	392.1	366.8	344.7	320.6	296.8	273.2
-55°	438.6	422.1	404.1	384.4	364.1	345.8	326.3	306.8	287.1	265.7	246.7
-57.5°	379.0	365.2	351.2	336.1	320.1	304.7	288.8	271.8	255.6	238.6	221.4
-60°	327.0	315.8	305.1	293.4	280.8	267.3	254.3	240.6	226.2	212.2	197.8
-62.5°	279.9	273.7	263.8	253.6	243.7	233.7	221.8	209.8	198.2	186.6	174.5
-65°	233.8	227.5	220.3	214.1	206.7	197.9	188.1	179.5	171.0	161.7	151.4
-67.5°	193.8	189.0	183.7	177.9	172.4	166.0	159.5	152.4	145.1	136.8	129.0
-70°	161.6	158.6	154.8	149.9	144.9	139.5	134.0	127.8	120.6	112.7	106.5
-72.5°	135.3	133.4	130.6	126.3	121.5	116.4	111.0	105.0	98.1	90.2	84.3
-75°	111.7	110.5	108.3	104.3	99.9	95.2	90.2	84.0	76.9	68.9	63.0
-77.5°	87.8	87.3	86.0	82.8	79.4	76.1	71.9	64.7	57.6	50.7	46.3
-80°	63.2	63.2	62.6	60.1	57.6	54.9	51.7	46.2	40.8	35.8	32.3
-82.5°	40.0	39.3	38.4	37.1	35.7	34.4	32.8	29.3	26.0	22.8	20.1
-85°	17.9	17.4	16.8	16.8	16.7	16.5	16.1	14.5	12.9	11.4	10.1
-87.5°	3.1	3.1	3.2	3.3	3.5	3.6	3.7	3.6	3.4	3.3	3.2
-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: P626833 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-722-U-WR-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°	3.5	3.8	4.1	4.2	4.4	4.5	4.5	4.4	4.2	4.0	3.7
85°	10.5	10.7	10.7	10.3	9.7	8.9	8.9	8.8	8.4	8.0	7.4
82.5°	20.9	21.6	21.9	21.8	20.4	19.0	17.5	15.9	14.1	12.2	11.1
80°	33.6	34.3	34.6	34.0	31.6	29.0	26.8	24.5	22.2	19.7	16.8
77.5°	47.2	47.8	47.9	47.0	44.0	40.7	37.2	33.5	30.3	27.1	23.6
75°	61.9	62.1	62.0	60.4	56.7	52.4	48.1	43.5	38.9	34.5	30.3
72.5°	81.1	78.5	76.5	73.9	69.8	65.0	59.5	53.4	47.5	42.0	36.9
70°	101.0	95.6	91.3	87.3	82.7	77.7	71.6	63.9	56.0	49.4	43.1
67.5°	121.9	115.0	108.2	101.0	95.4	89.7	83.5	74.3	64.8	56.6	49.2
65°	142.1	133.7	125.9	116.6	108.5	101.5	94.6	84.1	73.3	63.7	55.2
62.5°	162.6	151.3	141.5	131.4	121.6	113.0	105.2	93.2	81.4	70.5	60.9
60°	183.7	170.4	157.1	145.4	134.3	123.9	114.1	102.0	89.3	76.9	66.2
57.5°	205.4	189.5	174.3	159.8	146.8	134.8	122.7	110.2	96.9	83.5	71.0
55°	227.4	209.4	191.6	175.0	159.6	145.8	131.6	118.0	104.2	89.9	74.9
52.5°	251.0	229.9	209.8	190.4	172.8	156.6	141.2	125.6	111.1	96.1	79.1
50°	276.0	251.6	228.7	206.9	185.9	167.9	150.5	134.0	117.9	102.0	83.0
47.5°	302.3	274.7	248.5	223.6	200.8	178.8	160.2	142.2	124.5	107.9	86.6
45°	331.1	298.4	268.9	241.6	215.1	191.2	169.8	150.2	131.6	112.2	89.8
42.5°	360.2	323.9	290.1	258.9	230.6	203.8	179.0	158.4	138.5	116.0	93.0
40°	393.7	350.0	311.4	277.6	245.9	215.7	189.6	166.4	144.9	119.9	96.0
37.5°	426.3	378.2	334.6	295.4	261.0	229.2	199.9	173.9	149.9	124.0	98.8
35°	464.8	407.2	356.7	314.3	276.6	242.0	209.5	181.7	155.5	128.0	101.3
32.5°	502.2	436.8	381.6	333.6	291.3	254.1	219.7	189.5	161.1	131.9	103.5
30°	543.3	468.9	405.1	351.7	305.9	266.6	230.0	197.0	166.8	135.5	105.6
27.5°	582.8	498.5	427.9	370.9	321.4	278.3	239.6	203.9	172.5	139.2	108.2
25°	621.9	530.5	453.1	389.1	335.6	288.9	248.3	210.4	178.1	143.4	110.5
22.5°	664.3	561.5	475.8	405.5	348.4	298.6	256.6	217.6	183.2	147.4	112.6
20°	703.3	589.5	496.0	421.2	361.1	309.1	264.5	223.9	187.8	151.2	114.3
17.5°	740.1	618.0	518.7	438.2	373.2	318.3	271.3	229.5	191.8	154.7	115.7
15°	778.8	646.2	539.0	452.9	383.6	326.3	277.3	234.4	195.3	157.8	117.0
12.5°	811.7	670.1	556.1	465.3	392.4	333.0	282.2	238.4	198.2	160.5	118.2
10°	838.9	689.4	569.9	475.3	399.5	338.3	286.1	241.6	200.7	162.5	118.9
7.5°	860.1	704.2	580.3	482.8	404.9	342.5	289.4	244.1	202.6	164.0	119.0
5°	874.9	714.6	588.0	488.1	409.0	345.5	291.7	245.8	203.9	164.8	118.7
2.5°	882.6	720.5	592.7	491.0	411.3	347.1	293.0	246.6	204.5	164.9	117.9
0°	883.8	721.6	594.0	491.3	411.9	347.4	293.3	246.6	204.5	164.3	116.6
-2.5°	882.6	720.5	592.7	491.0	411.3	347.1	293.0	246.6	204.5	164.9	117.9
-5°	874.9	714.6	588.0	488.1	409.0	345.5	291.7	245.8	203.9	164.8	118.7
-7.5°	860.1	704.2	580.3	482.8	404.9	342.5	289.4	244.1	202.6	164.0	119.0
-10°	838.9	689.4	569.9	475.3	399.5	338.3	286.1	241.6	200.7	162.5	118.9
-12.5°	811.7	670.1	556.1	465.3	392.4	333.0	282.2	238.4	198.2	160.5	118.2
-15°	778.8	646.2	539.0	452.9	383.6	326.3	277.3	234.4	195.3	157.8	117.0
-17.5°	740.1	618.0	518.7	438.2	373.2	318.3	271.3	229.5	191.8	154.7	115.7
-20°	703.3	589.5	496.0	421.2	361.1	309.1	264.5	223.9	187.8	151.2	114.3



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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°	664.3	561.5	475.8	405.5	348.4	298.6	256.6	217.6	183.2	147.4	112.6
-25°	621.9	530.5	453.1	389.1	335.6	288.9	248.3	210.4	178.1	143.4	110.5
-27.5°	582.8	498.5	427.9	370.9	321.4	278.3	239.6	203.9	172.5	139.2	108.2
-30°	543.3	468.9	405.1	351.7	305.9	266.6	230.0	197.0	166.8	135.5	105.6
-32.5°	502.2	436.8	381.6	333.6	291.3	254.1	219.7	189.5	161.1	131.9	103.5
-35°	464.8	407.2	356.7	314.3	276.6	242.0	209.5	181.7	155.5	128.0	101.3
-37.5°	426.3	378.2	334.6	295.4	261.0	229.2	199.9	173.9	149.9	124.0	98.8
-40°	393.7	350.0	311.4	277.6	245.9	215.7	189.6	166.4	144.9	119.9	96.0
-42.5°	360.2	323.9	290.1	258.9	230.6	203.8	179.0	158.4	138.5	116.0	93.0
-45°	331.1	298.4	268.9	241.6	215.1	191.2	169.8	150.2	131.6	112.2	89.8
-47.5°	302.3	274.7	248.5	223.6	200.8	178.8	160.2	142.2	124.5	107.9	86.6
-50°	276.0	251.6	228.7	206.9	185.9	167.9	150.5	134.0	117.9	102.0	83.0
-52.5°	251.0	229.9	209.8	190.4	172.8	156.6	141.2	125.6	111.1	96.1	79.1
-55°	227.4	209.4	191.6	175.0	159.6	145.8	131.6	118.0	104.2	89.9	74.9
-57.5°	205.4	189.5	174.3	159.8	146.8	134.8	122.7	110.2	96.9	83.5	71.0
-60°	183.7	170.4	157.1	145.4	134.3	123.9	114.1	102.0	89.3	76.9	66.2
-62.5°	162.6	151.3	141.5	131.4	121.6	113.0	105.2	93.2	81.4	70.5	60.9
-65°	142.1	133.7	125.9	116.6	108.5	101.5	94.6	84.1	73.3	63.7	55.2
-67.5°	121.9	115.0	108.2	101.0	95.4	89.7	83.5	74.3	64.8	56.6	49.2
-70°	101.0	95.6	91.3	87.3	82.7	77.7	71.6	63.9	56.0	49.4	43.1
-72.5°	81.1	78.5	76.5	73.9	69.8	65.0	59.5	53.4	47.5	42.0	36.9
-75°	61.9	62.1	62.0	60.4	56.7	52.4	48.1	43.5	38.9	34.5	30.3
-77.5°	47.2	47.8	47.9	47.0	44.0	40.7	37.2	33.5	30.3	27.1	23.6
-80°	33.6	34.3	34.6	34.0	31.6	29.0	26.8	24.5	22.2	19.7	16.8
-82.5°	20.9	21.6	21.9	21.8	20.4	19.0	17.5	15.9	14.1	12.2	11.1
-85°	10.5	10.7	10.7	10.3	9.7	8.9	8.9	8.8	8.4	8.0	7.4
-87.5°	3.5	3.8	4.1	4.2	4.4	4.5	4.5	4.4	4.2	4.0	3.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.3	2.6	1.9	1.3	0.8	0.4	0.0
85°	6.7	5.2	3.9	2.7	1.6	0.7	0.0
82.5°	10.0	7.8	5.8	4.0	2.4	1.1	0.0
80°	13.5	10.3	7.7	5.3	3.2	1.4	0.0
77.5°	19.3	13.4	9.5	6.6	4.0	1.8	0.0
75°	24.9	17.5	11.5	7.9	4.8	2.1	0.0
72.5°	30.3	21.5	14.3	9.1	5.6	2.4	0.0
70°	35.5	25.3	17.0	10.4	6.3	2.8	0.0
67.5°	40.0	29.0	19.5	12.1	7.0	3.1	0.0
65°	44.3	32.4	21.9	13.6	7.7	3.4	0.0
62.5°	48.3	35.5	24.2	15.1	8.4	3.7	0.0
60°	52.1	38.4	26.4	16.5	9.1	4.0	0.0
57.5°	55.5	41.1	28.3	17.8	9.8	4.3	0.0
55°	58.6	43.6	30.2	19.0	10.6	4.5	0.0
52.5°	61.5	45.8	31.9	20.1	11.3	4.8	0.0
50°	64.1	47.9	33.4	21.0	12.0	5.0	0.0
47.5°	66.5	49.8	34.8	22.0	12.7	5.3	0.0
45°	69.2	51.5	36.0	22.8	13.3	5.5	0.0
42.5°	71.6	52.9	37.1	23.6	13.9	5.7	0.0
40°	73.8	54.1	38.0	24.5	14.5	5.9	0.0
37.5°	75.6	55.1	38.8	25.4	15.0	6.1	0.0
35°	77.1	56.3	39.5	26.2	15.5	6.2	0.0
32.5°	78.5	57.3	40.1	27.0	15.9	6.4	0.0
30°	80.0	58.2	40.4	27.6	16.3	6.5	0.0
27.5°	81.3	58.8	41.3	28.2	16.7	6.6	0.0
25°	82.3	59.1	42.1	28.7	17.0	6.7	0.0
22.5°	83.0	59.6	42.9	29.2	17.3	6.8	0.0
20°	83.4	60.7	43.5	29.6	17.5	6.9	0.0
17.5°	84.3	61.6	44.0	29.8	17.7	6.9	0.0
15°	85.5	62.3	44.5	30.1	17.9	7.0	0.0
12.5°	86.3	62.8	44.8	30.2	18.0	7.0	0.0
10°	86.8	63.1	45.0	30.3	18.1	7.0	0.0
7.5°	87.0	63.2	45.1	30.3	18.1	7.0	0.0
5°	86.9	63.1	45.1	30.2	18.1	7.0	0.0
2.5°	86.6	62.9	44.9	30.0	18.0	6.9	0.0
0°	85.9	62.5	44.7	29.8	17.9	6.9	0.0
-2.5°	86.6	62.9	44.9	30.0	18.0	6.9	0.0
-5°	86.9	63.1	45.1	30.2	18.1	7.0	0.0
-7.5°	87.0	63.2	45.1	30.3	18.1	7.0	0.0
-10°	86.8	63.1	45.0	30.3	18.1	7.0	0.0
-12.5°	86.3	62.8	44.8	30.2	18.0	7.0	0.0
-15°	85.5	62.3	44.5	30.1	17.9	7.0	0.0
-17.5°	84.3	61.6	44.0	29.8	17.7	6.9	0.0
-20°	83.4	60.7	43.5	29.6	17.5	6.9	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	83.0	59.6	42.9	29.2	17.3	6.8	0.0
-25°	82.3	59.1	42.1	28.7	17.0	6.7	0.0
-27.5°	81.3	58.8	41.3	28.2	16.7	6.6	0.0
-30°	80.0	58.2	40.4	27.6	16.3	6.5	0.0
-32.5°	78.5	57.3	40.1	27.0	15.9	6.4	0.0
-35°	77.1	56.3	39.5	26.2	15.5	6.2	0.0
-37.5°	75.6	55.1	38.8	25.4	15.0	6.1	0.0
-40°	73.8	54.1	38.0	24.5	14.5	5.9	0.0
-42.5°	71.6	52.9	37.1	23.6	13.9	5.7	0.0
-45°	69.2	51.5	36.0	22.8	13.3	5.5	0.0
-47.5°	66.5	49.8	34.8	22.0	12.7	5.3	0.0
-50°	64.1	47.9	33.4	21.0	12.0	5.0	0.0
-52.5°	61.5	45.8	31.9	20.1	11.3	4.8	0.0
-55°	58.6	43.6	30.2	19.0	10.6	4.5	0.0
-57.5°	55.5	41.1	28.3	17.8	9.8	4.3	0.0
-60°	52.1	38.4	26.4	16.5	9.1	4.0	0.0
-62.5°	48.3	35.5	24.2	15.1	8.4	3.7	0.0
-65°	44.3	32.4	21.9	13.6	7.7	3.4	0.0
-67.5°	40.0	29.0	19.5	12.1	7.0	3.1	0.0
-70°	35.5	25.3	17.0	10.4	6.3	2.8	0.0
-72.5°	30.3	21.5	14.3	9.1	5.6	2.4	0.0
-75°	24.9	17.5	11.5	7.9	4.8	2.1	0.0
-77.5°	19.3	13.4	9.5	6.6	4.0	1.8	0.0
-80°	13.5	10.3	7.7	5.3	3.2	1.4	0.0
-82.5°	10.0	7.8	5.8	4.0	2.4	1.1	0.0
-85°	6.7	5.2	3.9	2.7	1.6	0.7	0.0
-87.5°	3.3	2.6	1.9	1.3	0.8	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)