

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: P627305 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-722-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627305 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA4B-722-U-MR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N82
Light Source: (64) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

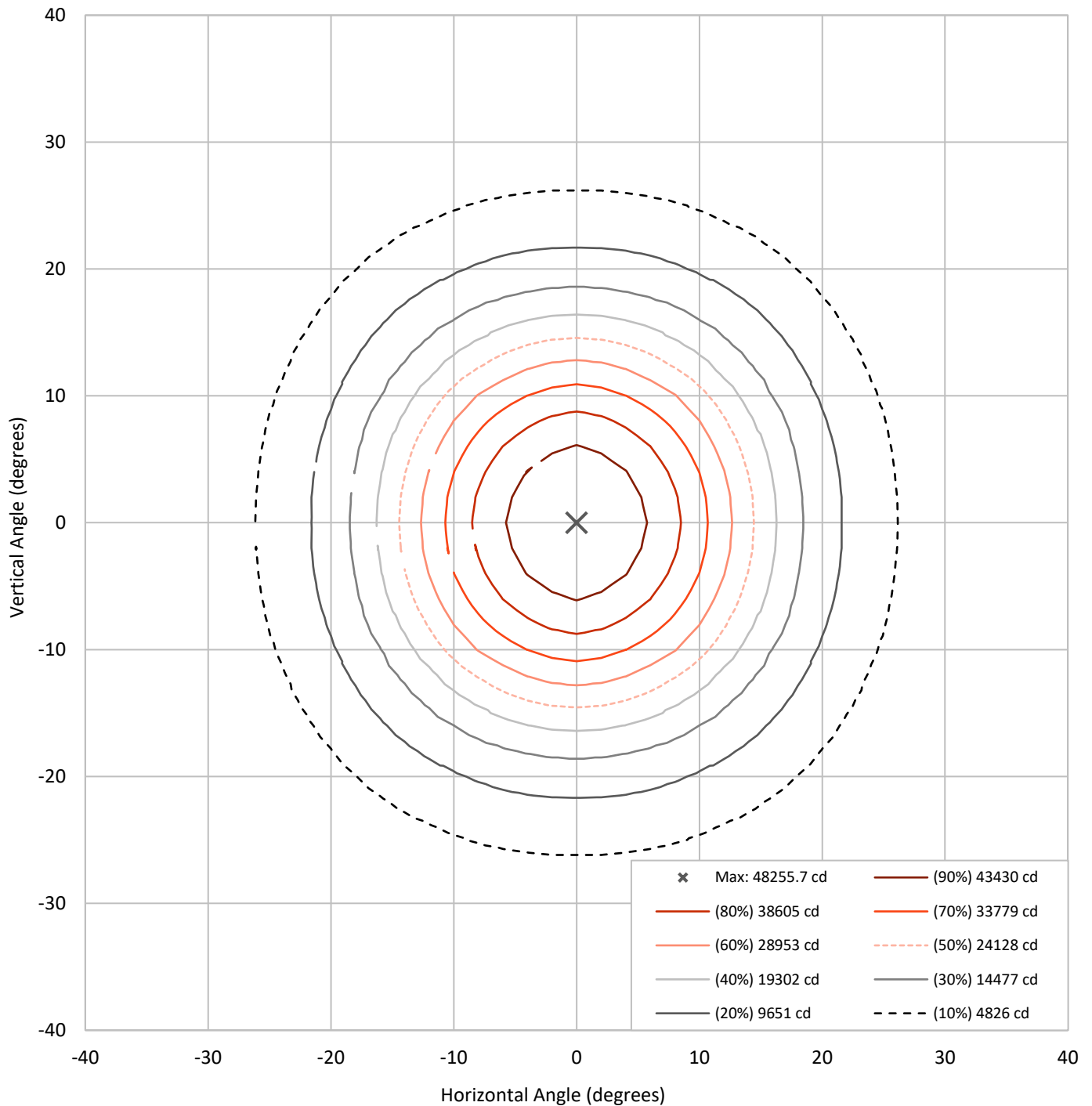
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	15076.7 lumens	Max Intensity:	48255.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	116.4 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	7330.1 lumens	Field Lumens:	12370.2 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	129.5		
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





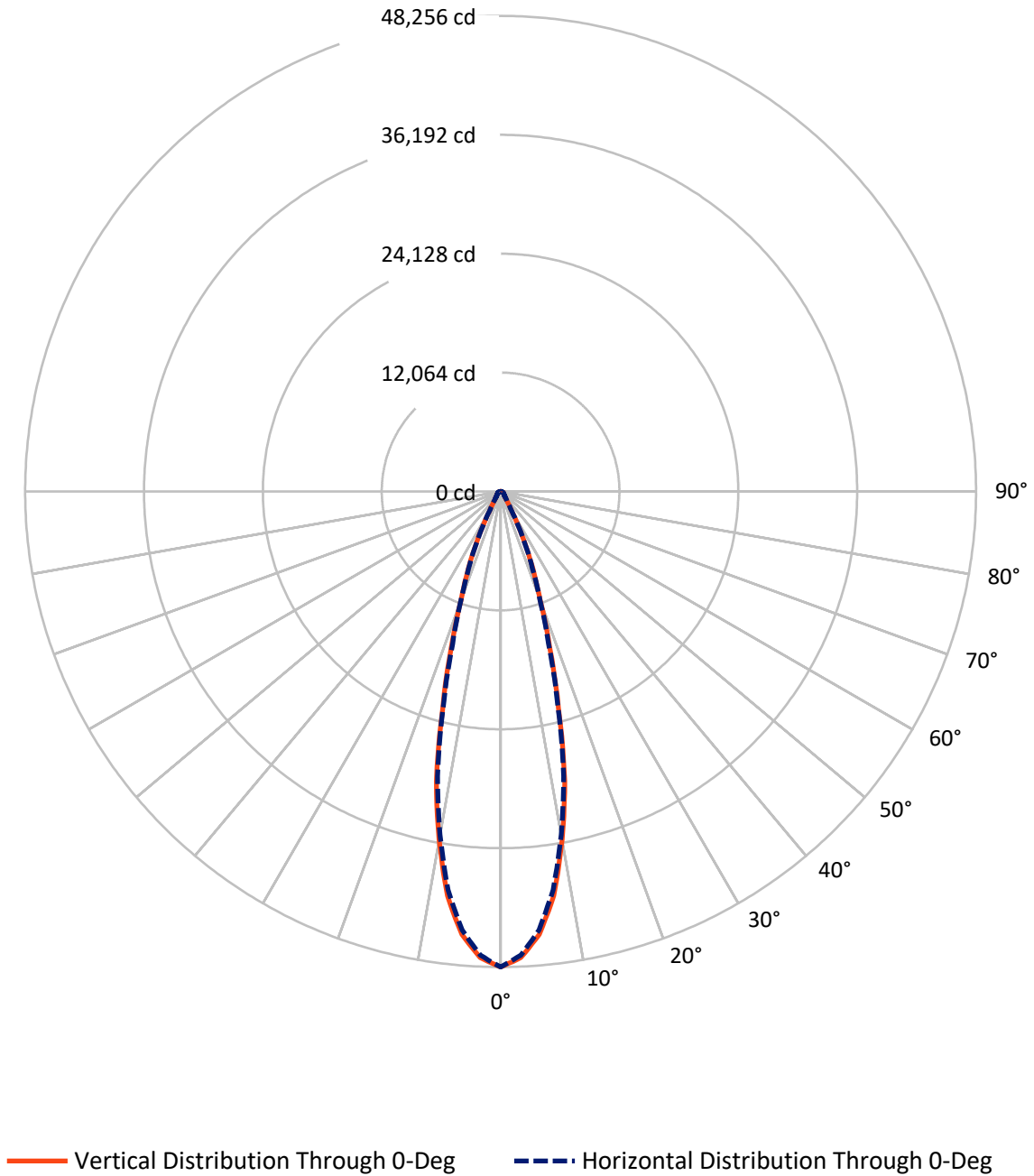
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Lumen Table

90																			
80	0.3	2.5		6.5		10.3		11.5		10.3		6.5		2.5		0.3			
70																			
60	1.1	1.3	2.6	4.3	6.0	7.3	8.1	8.6	8.6	8.1	7.3	6.0	4.3	2.6	1.3	1.1			
50		1.9	3.9	6.3	8.4	10.4	11.6	12.1	12.1	11.6	10.4	8.4	6.3	3.9	1.9				
40	2.0	2.5	5.0	7.8	10.3	13.1	15.3	16.5	16.5	15.3	13.1	10.3	7.8	5.0	2.5	2.0			
30		2.9	5.9	9.0	12.7	18.0	26.1	33.9	33.9	26.1	18.0	12.7	9.0	5.9	2.9				
20	2.5	3.3	6.4	10.1	16.2	35.3	99.2	176.0	176.0	99.2	35.3	16.2	10.1	6.4	3.3	2.5			
10		3.5	6.7	11.0	22.1	92.5	329.8	632.0	632.0	329.8	92.5	22.1	11.0	6.7	3.5				
0	2.7	3.6	6.8	11.5	28.1	159.7	610.4	1200.7	1200.7	610.4	159.7	28.1	11.5	6.8	3.6	2.7			
-10		3.6	6.8	11.5	28.1	159.7	610.4	1200.7	1200.7	610.4	159.7	28.1	11.5	6.8	3.6				
-20	2.5	3.5	6.7	11.0	22.1	92.5	329.8	632.0	632.0	329.8	92.5	22.1	11.0	6.7	3.5	2.5			
-30		3.3	6.4	10.1	16.2	35.3	99.2	176.0	176.0	99.2	35.3	16.2	10.1	6.4	3.3				
-40	2.0	2.9	5.9	9.0	12.7	18.0	26.1	33.9	33.9	26.1	18.0	12.7	9.0	5.9	2.9	2.0			
-50		2.5	5.0	7.8	10.3	13.1	15.3	16.5	16.5	15.3	13.1	10.3	7.8	5.0	2.5				
-60	1.1	1.9	3.9	6.3	8.4	10.4	11.6	12.1	12.1	11.6	10.4	8.4	6.3	3.9	1.9	1.1			
-70		1.3	2.6	4.3	6.0	7.3	8.1	8.6	8.6	8.1	7.3	6.0	4.3	2.6	1.3				
-80																			
-90	0.3	2.5		6.5		10.3		11.5		10.3		6.5		2.5		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

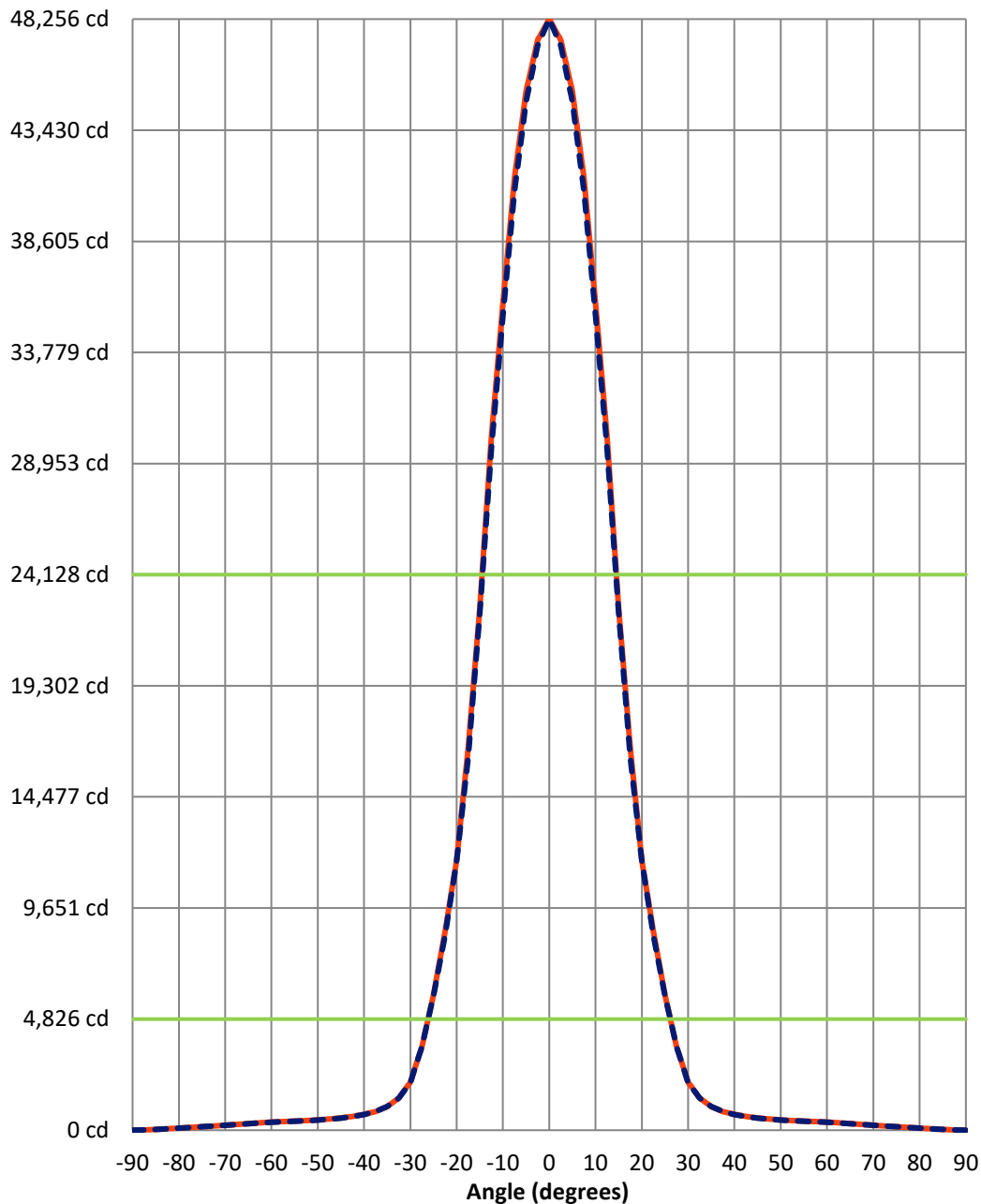
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 7330.1
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 12370.2
 Efficiency: 82.0%

Spill:
 Lumens: 2706.5
 Efficiency: 18.0%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.5	1.1	1.6	2.2	2.7	3.2	3.7	4.2	4.7	5.2
85°	0.0	1.1	2.2	3.2	4.3	5.4	6.4	7.4	8.5	9.5	10.5
82.5°	0.0	1.6	3.2	4.8	6.4	8.0	9.6	11.2	12.9	15.9	19.0
80°	0.0	2.2	4.3	6.4	8.6	10.7	13.1	16.8	20.8	24.9	29.3
77.5°	0.0	2.7	5.4	8.0	10.7	14.0	18.6	23.4	28.5	33.9	39.8
75°	0.0	3.2	6.4	9.6	13.1	18.6	24.0	29.9	36.3	43.8	51.2
72.5°	0.0	3.7	7.4	11.2	16.7	23.1	29.4	36.7	45.4	54.0	62.5
70°	0.0	4.2	8.5	12.9	20.3	27.5	35.0	44.6	54.4	64.1	74.6
67.5°	0.0	4.7	9.5	15.6	23.8	31.9	41.7	52.4	63.3	75.2	86.9
65°	0.0	5.2	10.5	18.1	27.2	36.9	48.3	60.0	73.0	86.0	99.2
62.5°	0.0	5.7	11.4	20.7	30.6	42.3	54.8	68.1	82.5	96.8	111.9
60°	0.0	6.2	12.4	23.2	33.9	47.6	61.2	76.2	91.8	107.8	124.2
57.5°	0.0	6.7	14.0	25.6	38.0	52.8	67.9	84.2	101.0	118.3	136.4
55°	0.0	7.1	15.6	28.0	42.1	57.8	74.4	91.9	109.9	128.7	148.4
52.5°	0.0	7.5	17.1	30.3	46.0	62.7	80.7	99.4	118.5	139.1	160.0
50°	0.0	8.0	18.6	32.5	49.8	67.7	86.8	106.7	127.0	149.2	170.8
47.5°	0.0	8.4	20.0	34.8	53.4	72.5	92.6	113.7	135.6	159.0	180.9
45°	0.0	8.8	21.4	37.4	56.9	77.1	98.3	120.4	144.0	167.6	190.5
42.5°	0.0	9.1	22.7	39.9	60.3	81.4	103.8	127.1	151.9	175.7	199.3
40°	0.0	9.5	23.9	42.3	63.5	85.5	109.1	133.6	159.2	183.2	207.7
37.5°	0.0	9.8	25.1	44.5	66.6	89.3	114.1	139.7	165.7	190.5	215.6
35°	0.0	10.2	26.2	46.6	69.5	93.1	118.7	145.4	171.7	197.4	223.0
32.5°	0.0	10.5	27.3	48.5	72.2	96.8	123.2	150.7	177.4	203.9	230.2
30°	0.0	10.7	28.3	50.2	74.7	100.2	127.4	155.4	182.7	209.9	237.0
27.5°	0.0	11.0	29.2	51.8	77.0	103.3	131.2	159.7	187.6	215.4	243.1
25°	0.0	11.2	30.0	53.3	79.1	106.2	134.7	163.5	192.0	220.4	248.8
22.5°	0.0	11.5	30.8	54.5	81.0	108.8	137.8	167.0	196.0	224.9	254.5
20°	0.0	11.7	31.5	55.7	82.8	111.0	140.5	170.0	199.5	228.9	259.5
17.5°	0.0	11.8	32.1	56.6	84.4	113.0	142.9	172.7	202.6	232.4	263.9
15°	0.0	12.0	32.6	57.4	85.8	114.6	145.2	175.2	205.2	235.4	267.6
12.5°	0.0	12.1	33.1	58.0	87.0	115.8	147.1	177.5	207.6	237.8	270.7
10°	0.0	12.2	33.4	58.5	88.0	116.8	148.8	179.4	209.8	240.7	273.5
7.5°	0.0	12.3	33.7	58.8	88.8	117.5	150.1	180.9	211.5	243.3	276.6
5°	0.0	12.4	33.9	59.0	89.3	117.8	151.0	181.9	212.7	245.3	279.1
2.5°	0.0	12.4	34.1	59.0	89.7	117.9	151.6	182.6	213.5	246.9	280.8
0°	0.0	12.4	34.1	58.9	89.8	117.7	151.8	182.8	213.7	247.8	281.9
-2.5°	0.0	12.4	34.1	59.0	89.7	117.9	151.6	182.6	213.5	246.9	280.8
-5°	0.0	12.4	33.9	59.0	89.3	117.8	151.0	181.9	212.7	245.3	279.1
-7.5°	0.0	12.3	33.7	58.8	88.8	117.5	150.1	180.9	211.5	243.3	276.6
-10°	0.0	12.2	33.4	58.5	88.0	116.8	148.8	179.4	209.8	240.7	273.5
-12.5°	0.0	12.1	33.1	58.0	87.0	115.8	147.1	177.5	207.6	237.8	270.7
-15°	0.0	12.0	32.6	57.4	85.8	114.6	145.2	175.2	205.2	235.4	267.6
-17.5°	0.0	11.8	32.1	56.6	84.4	113.0	142.9	172.7	202.6	232.4	263.9
-20°	0.0	11.7	31.5	55.7	82.8	111.0	140.5	170.0	199.5	228.9	259.5

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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	11.5	30.8	54.5	81.0	108.8	137.8	167.0	196.0	224.9	254.5
-25°	0.0	11.2	30.0	53.3	79.1	106.2	134.7	163.5	192.0	220.4	248.8
-27.5°	0.0	11.0	29.2	51.8	77.0	103.3	131.2	159.7	187.6	215.4	243.1
-30°	0.0	10.7	28.3	50.2	74.7	100.2	127.4	155.4	182.7	209.9	237.0
-32.5°	0.0	10.5	27.3	48.5	72.2	96.8	123.2	150.7	177.4	203.9	230.2
-35°	0.0	10.2	26.2	46.6	69.5	93.1	118.7	145.4	171.7	197.4	223.0
-37.5°	0.0	9.8	25.1	44.5	66.6	89.3	114.1	139.7	165.7	190.5	215.6
-40°	0.0	9.5	23.9	42.3	63.5	85.5	109.1	133.6	159.2	183.2	207.7
-42.5°	0.0	9.1	22.7	39.9	60.3	81.4	103.8	127.1	151.9	175.7	199.3
-45°	0.0	8.8	21.4	37.4	56.9	77.1	98.3	120.4	144.0	167.6	190.5
-47.5°	0.0	8.4	20.0	34.8	53.4	72.5	92.6	113.7	135.6	159.0	180.9
-50°	0.0	8.0	18.6	32.5	49.8	67.7	86.8	106.7	127.0	149.2	170.8
-52.5°	0.0	7.5	17.1	30.3	46.0	62.7	80.7	99.4	118.5	139.1	160.0
-55°	0.0	7.1	15.6	28.0	42.1	57.8	74.4	91.9	109.9	128.7	148.4
-57.5°	0.0	6.7	14.0	25.6	38.0	52.8	67.9	84.2	101.0	118.3	136.4
-60°	0.0	6.2	12.4	23.2	33.9	47.6	61.2	76.2	91.8	107.8	124.2
-62.5°	0.0	5.7	11.4	20.7	30.6	42.3	54.8	68.1	82.5	96.8	111.9
-65°	0.0	5.2	10.5	18.1	27.2	36.9	48.3	60.0	73.0	86.0	99.2
-67.5°	0.0	4.7	9.5	15.6	23.8	31.9	41.7	52.4	63.3	75.2	86.9
-70°	0.0	4.2	8.5	12.9	20.3	27.5	35.0	44.6	54.4	64.1	74.6
-72.5°	0.0	3.7	7.4	11.2	16.7	23.1	29.4	36.7	45.4	54.0	62.5
-75°	0.0	3.2	6.4	9.6	13.1	18.6	24.0	29.9	36.3	43.8	51.2
-77.5°	0.0	2.7	5.4	8.0	10.7	14.0	18.6	23.4	28.5	33.9	39.8
-80°	0.0	2.2	4.3	6.4	8.6	10.7	13.1	16.8	20.8	24.9	29.3
-82.5°	0.0	1.6	3.2	4.8	6.4	8.0	9.6	11.2	12.9	15.9	19.0
-85°	0.0	1.1	2.2	3.2	4.3	5.4	6.4	7.4	8.5	9.5	10.5
-87.5°	0.0	0.5	1.1	1.6	2.2	2.7	3.2	3.7	4.2	4.7	5.2
-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°	5.7	6.2	6.7	7.1	7.5	8.0	8.4	8.8	9.1	9.5	9.8
85°	11.4	12.4	14.2	16.0	17.8	19.5	21.1	22.7	24.1	25.6	26.9
82.5°	21.9	24.7	27.5	30.2	32.8	35.3	37.8	40.1	42.4	44.5	46.5
80°	33.2	37.0	40.8	44.3	47.8	51.1	54.4	57.5	60.5	63.7	67.1
77.5°	45.2	50.0	54.4	58.4	62.8	68.1	73.2	78.1	82.8	87.2	91.5
75°	57.5	63.0	69.1	75.0	81.3	87.6	93.8	99.7	105.5	111.4	117.3
72.5°	70.5	78.0	85.3	92.4	100.3	108.0	115.1	121.5	128.8	136.8	144.2
70°	84.3	93.0	102.2	111.3	120.2	128.8	137.6	146.4	155.3	163.9	172.1
67.5°	98.2	109.1	119.7	130.1	140.2	150.5	160.9	171.5	181.7	191.5	201.0
65°	113.0	125.2	137.1	148.7	159.9	172.4	184.7	196.5	209.5	221.6	232.0
62.5°	127.4	141.0	154.2	167.2	180.9	194.7	209.0	223.9	239.4	250.5	260.1
60°	141.2	156.6	171.2	186.2	201.4	217.1	233.5	249.4	263.5	275.7	285.8
57.5°	154.7	171.9	188.1	204.4	221.1	238.9	256.9	273.2	286.3	298.1	309.1
55°	167.8	186.8	204.1	221.4	240.4	261.2	279.7	294.4	307.8	317.5	328.1
52.5°	180.2	200.6	218.7	238.1	259.8	281.4	299.8	314.0	325.3	335.3	345.7
50°	192.1	212.6	232.7	254.8	277.7	299.3	317.9	331.0	342.4	352.8	362.8
47.5°	202.9	224.2	246.9	270.5	294.4	315.8	333.6	347.0	358.8	369.5	380.5
45°	213.0	236.0	260.1	286.0	310.4	331.7	347.9	362.2	373.6	385.7	399.4
42.5°	222.8	247.3	273.5	301.0	326.0	345.4	361.2	374.9	388.0	402.5	417.8
40°	232.3	257.8	286.2	315.1	340.5	357.4	373.2	387.8	402.8	419.3	435.9
37.5°	241.2	268.7	298.0	328.2	351.3	368.8	385.1	401.3	418.2	435.9	456.6
35°	249.4	278.6	309.4	338.6	360.7	379.8	397.3	414.9	433.8	455.4	478.3
32.5°	257.4	287.7	319.9	347.3	369.4	389.7	409.0	428.9	450.5	474.4	500.5
30°	265.3	296.5	329.2	356.3	377.0	397.9	420.5	442.6	466.7	493.2	523.9
27.5°	272.9	304.7	336.9	363.3	383.8	405.0	429.2	456.1	482.5	511.5	547.1
25°	279.8	313.1	344.5	368.8	389.6	411.8	437.1	465.8	496.7	531.3	574.8
22.5°	286.4	320.7	351.8	373.6	394.4	417.8	444.9	475.3	508.9	549.0	602.1
20°	292.6	326.6	356.6	377.9	398.4	422.5	451.7	483.7	522.1	570.6	634.1
17.5°	298.0	331.7	359.9	381.5	402.6	427.4	457.5	490.8	534.0	589.7	664.9
15°	302.5	335.8	362.8	384.2	406.2	432.4	463.4	499.7	547.0	608.4	691.5
12.5°	306.3	339.0	365.2	386.2	409.0	436.2	468.5	508.3	560.0	628.8	727.3
10°	309.3	341.3	367.1	387.4	410.9	438.6	472.5	515.0	570.5	645.8	758.0
7.5°	312.2	343.4	368.5	387.9	412.0	439.8	475.2	519.8	578.2	658.7	782.5
5°	314.3	345.3	369.3	389.1	412.8	440.4	477.1	522.5	583.0	667.2	799.8
2.5°	315.5	346.5	369.3	390.0	412.8	440.6	479.3	524.1	588.4	674.3	809.6
0°	315.9	346.9	368.6	390.3	412.0	439.8	480.1	523.5	591.6	678.3	811.5
-2.5°	315.5	346.5	369.3	390.0	412.8	440.6	479.3	524.1	588.4	674.3	809.6
-5°	314.3	345.3	369.3	389.1	412.8	440.4	477.1	522.5	583.0	667.2	799.8
-7.5°	312.2	343.4	368.5	387.9	412.0	439.8	475.2	519.8	578.2	658.7	782.5
-10°	309.3	341.3	367.1	387.4	410.9	438.6	472.5	515.0	570.5	645.8	758.0
-12.5°	306.3	339.0	365.2	386.2	409.0	436.2	468.5	508.3	560.0	628.8	727.3
-15°	302.5	335.8	362.8	384.2	406.2	432.4	463.4	499.7	547.0	608.4	691.5
-17.5°	298.0	331.7	359.9	381.5	402.6	427.4	457.5	490.8	534.0	589.7	664.9
-20°	292.6	326.6	356.6	377.9	398.4	422.5	451.7	483.7	522.1	570.6	634.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627305 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	286.4	320.7	351.8	373.6	394.4	417.8	444.9	475.3	508.9	549.0	602.1
-25°	279.8	313.1	344.5	368.8	389.6	411.8	437.1	465.8	496.7	531.3	574.8
-27.5°	272.9	304.7	336.9	363.3	383.8	405.0	429.2	456.1	482.5	511.5	547.1
-30°	265.3	296.5	329.2	356.3	377.0	397.9	420.5	442.6	466.7	493.2	523.9
-32.5°	257.4	287.7	319.9	347.3	369.4	389.7	409.0	428.9	450.5	474.4	500.5
-35°	249.4	278.6	309.4	338.6	360.7	379.8	397.3	414.9	433.8	455.4	478.3
-37.5°	241.2	268.7	298.0	328.2	351.3	368.8	385.1	401.3	418.2	435.9	456.6
-40°	232.3	257.8	286.2	315.1	340.5	357.4	373.2	387.8	402.8	419.3	435.9
-42.5°	222.8	247.3	273.5	301.0	326.0	345.4	361.2	374.9	388.0	402.5	417.8
-45°	213.0	236.0	260.1	286.0	310.4	331.7	347.9	362.2	373.6	385.7	399.4
-47.5°	202.9	224.2	246.9	270.5	294.4	315.8	333.6	347.0	358.8	369.5	380.5
-50°	192.1	212.6	232.7	254.8	277.7	299.3	317.9	331.0	342.4	352.8	362.8
-52.5°	180.2	200.6	218.7	238.1	259.8	281.4	299.8	314.0	325.3	335.3	345.7
-55°	167.8	186.8	204.1	221.4	240.4	261.2	279.7	294.4	307.8	317.5	328.1
-57.5°	154.7	171.9	188.1	204.4	221.1	238.9	256.9	273.2	286.3	298.1	309.1
-60°	141.2	156.6	171.2	186.2	201.4	217.1	233.5	249.4	263.5	275.7	285.8
-62.5°	127.4	141.0	154.2	167.2	180.9	194.7	209.0	223.9	239.4	250.5	260.1
-65°	113.0	125.2	137.1	148.7	159.9	172.4	184.7	196.5	209.5	221.6	232.0
-67.5°	98.2	109.1	119.7	130.1	140.2	150.5	160.9	171.5	181.7	191.5	201.0
-70°	84.3	93.0	102.2	111.3	120.2	128.8	137.6	146.4	155.3	163.9	172.1
-72.5°	70.5	78.0	85.3	92.4	100.3	108.0	115.1	121.5	128.8	136.8	144.2
-75°	57.5	63.0	69.1	75.0	81.3	87.6	93.8	99.7	105.5	111.4	117.3
-77.5°	45.2	50.0	54.4	58.4	62.8	68.1	73.2	78.1	82.8	87.2	91.5
-80°	33.2	37.0	40.8	44.3	47.8	51.1	54.4	57.5	60.5	63.7	67.1
-82.5°	21.9	24.7	27.5	30.2	32.8	35.3	37.8	40.1	42.4	44.5	46.5
-85°	11.4	12.4	14.2	16.0	17.8	19.5	21.1	22.7	24.1	25.6	26.9
-87.5°	5.7	6.2	6.7	7.1	7.5	8.0	8.4	8.8	9.1	9.5	9.8
-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: P627305 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.2	10.5	10.7	11.0	11.2	11.5	11.7	11.8	12.0	12.1	12.2
85°	28.2	29.4	30.5	31.6	32.5	32.8	32.9	32.8	32.6	33.1	33.4
82.5°	48.4	50.6	52.8	55.0	57.1	57.9	58.4	58.8	59.1	59.9	60.6
80°	70.3	73.7	76.9	79.8	82.3	84.1	85.8	87.3	88.6	89.3	89.6
77.5°	95.8	100.0	103.9	107.5	110.8	113.5	115.6	117.3	118.6	119.5	120.0
75°	123.2	128.5	133.2	137.5	141.5	144.4	146.3	147.7	148.7	149.7	150.6
72.5°	150.9	156.9	162.5	167.7	172.3	175.5	177.8	179.6	181.0	182.0	182.6
70°	179.9	187.1	193.2	198.5	202.6	205.8	208.2	210.2	211.7	212.7	213.3
67.5°	210.1	217.7	223.5	228.1	231.8	235.1	238.1	240.4	241.9	243.4	244.9
65°	240.8	248.6	254.5	259.3	263.3	267.5	271.4	274.3	276.3	278.0	279.8
62.5°	269.6	278.5	285.3	291.7	298.2	304.3	307.8	310.5	312.4	314.1	316.2
60°	295.9	305.9	314.2	322.0	329.8	337.7	341.0	343.6	346.0	348.2	350.3
57.5°	319.2	329.8	339.9	347.5	355.1	362.5	367.6	370.4	372.3	373.4	374.2
55°	339.4	350.0	360.1	369.0	377.2	384.8	390.5	393.2	395.2	396.6	397.3
52.5°	357.5	368.9	379.8	389.5	398.4	406.6	413.7	417.5	420.5	422.7	423.4
50°	375.4	387.7	399.4	409.9	420.2	430.0	439.0	444.2	447.9	450.1	450.9
47.5°	394.0	407.4	420.0	432.1	443.8	455.5	466.2	473.3	478.6	482.5	485.3
45°	413.4	427.7	441.7	456.1	469.5	484.5	498.1	508.5	516.2	522.9	528.2
42.5°	432.8	449.0	465.1	483.6	501.9	519.0	535.1	549.0	561.5	573.8	583.4
40°	454.1	471.8	493.8	515.6	538.2	558.1	581.7	602.8	622.1	643.0	660.3
37.5°	477.3	500.0	526.1	552.2	581.7	610.2	643.1	675.5	703.6	740.2	769.6
35°	502.5	531.3	562.1	597.2	635.2	679.9	726.0	780.0	825.8	884.0	937.7
32.5°	530.7	564.5	604.5	652.8	704.0	775.9	843.3	934.8	1013.1	1114.1	1224.3
30°	559.3	603.0	657.4	719.7	806.4	908.4	1027.3	1182.1	1349.5	1522.6	1755.7
27.5°	593.2	649.9	717.9	814.2	943.7	1084.9	1327.3	1589.0	1953.5	2242.2	2756.1
25°	629.7	700.0	800.3	939.9	1118.9	1404.8	1813.8	2287.5	3017.0	3665.8	4411.5
22.5°	672.9	768.4	901.3	1084.0	1396.1	1887.9	2526.4	3499.2	4580.6	5647.9	6623.4
20°	718.7	834.1	1019.8	1317.5	1799.9	2510.9	3650.2	5040.2	6475.8	7938.5	9171.1
17.5°	772.2	928.8	1173.6	1568.9	2257.1	3474.5	4996.2	6763.6	8639.2	10505.6	12126.9
15°	818.2	1011.7	1341.3	1933.4	2959.6	4482.3	6352.5	8584.8	10943.4	13365.6	15990.8
12.5°	876.8	1111.6	1514.0	2234.8	3582.9	5562.1	7850.5	10442.2	13322.3	16538.4	20631.1
10°	930.6	1216.3	1741.3	2717.6	4332.1	6570.8	9144.3	12084.8	15820.5	20653.6	25590.3
7.5°	973.7	1299.4	1917.5	3094.3	4960.5	7432.4	10309.4	13834.8	18495.4	24250.5	29891.1
5°	1003.7	1356.9	2043.7	3379.0	5465.9	8090.9	11136.1	15124.8	20750.1	27194.7	32954.2
2.5°	1022.6	1388.5	2105.4	3548.1	5795.6	8487.2	11652.0	15944.7	22132.0	29068.9	34900.2
0°	1031.5	1393.9	2066.0	3630.3	5841.9	8459.2	11699.2	16218.4	22459.9	29577.9	35385.7
-2.5°	1022.6	1388.5	2105.4	3548.1	5795.6	8487.2	11652.0	15944.7	22132.0	29068.9	34900.2
-5°	1003.7	1356.9	2043.7	3379.0	5465.9	8090.9	11136.1	15124.8	20750.1	27194.7	32954.2
-7.5°	973.7	1299.4	1917.5	3094.3	4960.5	7432.4	10309.4	13834.8	18495.4	24250.5	29891.1
-10°	930.6	1216.3	1741.3	2717.6	4332.1	6570.8	9144.3	12084.8	15820.5	20653.6	25590.3
-12.5°	876.8	1111.6	1514.0	2234.8	3582.9	5562.1	7850.5	10442.2	13322.3	16538.4	20631.1
-15°	818.2	1011.7	1341.3	1933.4	2959.6	4482.3	6352.5	8584.8	10943.4	13365.6	15990.8
-17.5°	772.2	928.8	1173.6	1568.9	2257.1	3474.5	4996.2	6763.6	8639.2	10505.6	12126.9
-20°	718.7	834.1	1019.8	1317.5	1799.9	2510.9	3650.2	5040.2	6475.8	7938.5	9171.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627305 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	672.9	768.4	901.3	1084.0	1396.1	1887.9	2526.4	3499.2	4580.6	5647.9	6623.4
-25°	629.7	700.0	800.3	939.9	1118.9	1404.8	1813.8	2287.5	3017.0	3665.8	4411.5
-27.5°	593.2	649.9	717.9	814.2	943.7	1084.9	1327.3	1589.0	1953.5	2242.2	2756.1
-30°	559.3	603.0	657.4	719.7	806.4	908.4	1027.3	1182.1	1349.5	1522.6	1755.7
-32.5°	530.7	564.5	604.5	652.8	704.0	775.9	843.3	934.8	1013.1	1114.1	1224.3
-35°	502.5	531.3	562.1	597.2	635.2	679.9	726.0	780.0	825.8	884.0	937.7
-37.5°	477.3	500.0	526.1	552.2	581.7	610.2	643.1	675.5	703.6	740.2	769.6
-40°	454.1	471.8	493.8	515.6	538.2	558.1	581.7	602.8	622.1	643.0	660.3
-42.5°	432.8	449.0	465.1	483.6	501.9	519.0	535.1	549.0	561.5	573.8	583.4
-45°	413.4	427.7	441.7	456.1	469.5	484.5	498.1	508.5	516.2	522.9	528.2
-47.5°	394.0	407.4	420.0	432.1	443.8	455.5	466.2	473.3	478.6	482.5	485.3
-50°	375.4	387.7	399.4	409.9	420.2	430.0	439.0	444.2	447.9	450.1	450.9
-52.5°	357.5	368.9	379.8	389.5	398.4	406.6	413.7	417.5	420.5	422.7	423.4
-55°	339.4	350.0	360.1	369.0	377.2	384.8	390.5	393.2	395.2	396.6	397.3
-57.5°	319.2	329.8	339.9	347.5	355.1	362.5	367.6	370.4	372.3	373.4	374.2
-60°	295.9	305.9	314.2	322.0	329.8	337.7	341.0	343.6	346.0	348.2	350.3
-62.5°	269.6	278.5	285.3	291.7	298.2	304.3	307.8	310.5	312.4	314.1	316.2
-65°	240.8	248.6	254.5	259.3	263.3	267.5	271.4	274.3	276.3	278.0	279.8
-67.5°	210.1	217.7	223.5	228.1	231.8	235.1	238.1	240.4	241.9	243.4	244.9
-70°	179.9	187.1	193.2	198.5	202.6	205.8	208.2	210.2	211.7	212.7	213.3
-72.5°	150.9	156.9	162.5	167.7	172.3	175.5	177.8	179.6	181.0	182.0	182.6
-75°	123.2	128.5	133.2	137.5	141.5	144.4	146.3	147.7	148.7	149.7	150.6
-77.5°	95.8	100.0	103.9	107.5	110.8	113.5	115.6	117.3	118.6	119.5	120.0
-80°	70.3	73.7	76.9	79.8	82.3	84.1	85.8	87.3	88.6	89.3	89.6
-82.5°	48.4	50.6	52.8	55.0	57.1	57.9	58.4	58.8	59.1	59.9	60.6
-85°	28.2	29.4	30.5	31.6	32.5	32.8	32.9	32.8	32.6	33.1	33.4
-87.5°	10.2	10.5	10.7	11.0	11.2	11.5	11.7	11.8	12.0	12.1	12.2
-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: P627305 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	12.3	12.4	12.4	12.4	12.4	12.4	12.3	12.2	12.1	12.0	11.8
85°	33.7	33.9	34.1	34.1	34.1	33.9	33.7	33.4	33.1	32.6	32.8
82.5°	61.2	61.6	61.8	61.9	61.8	61.6	61.2	60.6	59.9	59.1	58.8
80°	89.6	89.4	89.7	89.8	89.7	89.4	89.6	89.6	89.3	88.6	87.3
77.5°	120.3	120.2	120.7	120.8	120.7	120.2	120.3	120.0	119.5	118.6	117.3
75°	151.0	151.1	151.6	151.8	151.6	151.1	151.0	150.6	149.7	148.7	147.7
72.5°	182.6	182.1	182.6	182.8	182.6	182.1	182.6	182.6	182.0	181.0	179.6
70°	213.3	212.9	214.9	216.8	214.9	212.9	213.3	213.3	212.7	211.7	210.2
67.5°	246.1	246.7	248.9	250.9	248.9	246.7	246.1	244.9	243.4	241.9	240.4
65°	280.7	280.8	282.9	285.0	282.9	280.8	280.7	279.8	278.0	276.3	274.3
62.5°	317.4	317.7	319.9	322.1	319.9	317.7	317.4	316.2	314.1	312.4	310.5
60°	351.5	351.9	352.7	353.1	352.7	351.9	351.5	350.3	348.2	346.0	343.6
57.5°	374.5	374.2	374.5	374.8	374.5	374.2	374.5	374.2	373.4	372.3	370.4
55°	397.2	396.2	395.0	393.4	395.0	396.2	397.2	397.3	396.6	395.2	393.2
52.5°	422.8	421.2	419.7	418.2	419.7	421.2	422.8	423.4	422.7	420.5	417.5
50°	450.4	448.9	447.5	446.0	447.5	448.9	450.4	450.9	450.1	447.9	444.2
47.5°	487.2	487.9	487.6	486.3	487.6	487.9	487.2	485.3	482.5	478.6	473.3
45°	532.0	533.8	534.0	532.8	534.0	533.8	532.0	528.2	522.9	516.2	508.5
42.5°	590.2	594.1	596.3	597.8	596.3	594.1	590.2	583.4	573.8	561.5	549.0
40°	672.9	680.9	685.9	690.7	685.9	680.9	672.9	660.3	643.0	622.1	602.8
37.5°	791.4	805.9	812.4	808.4	812.4	805.9	791.4	769.6	740.2	703.6	675.5
35°	979.1	1006.7	1021.0	1022.2	1021.0	1006.7	979.1	937.7	884.0	825.8	780.0
32.5°	1305.8	1362.3	1392.7	1397.0	1392.7	1362.3	1305.8	1224.3	1114.1	1013.1	934.8
30°	1934.2	2049.5	2103.7	2090.8	2103.7	2049.5	1934.2	1755.7	1522.6	1349.5	1182.1
27.5°	3155.7	3443.2	3613.6	3627.2	3613.6	3443.2	3155.7	2756.1	2242.2	1953.5	1589.0
25°	5072.0	5562.7	5877.0	5882.1	5877.0	5562.7	5072.0	4411.5	3665.8	3017.0	2287.5
22.5°	7525.4	8195.3	8562.4	8626.5	8562.4	8195.3	7525.4	6623.4	5647.9	4580.6	3499.2
20°	10367.7	11259.0	11735.8	11736.4	11735.8	11259.0	10367.7	9171.1	7938.5	6475.8	5040.2
17.5°	13868.3	15315.4	16223.9	16614.9	16223.9	15315.4	13868.3	12126.9	10505.6	8639.2	6763.6
15°	18518.7	20950.6	22407.9	22670.5	22407.9	20950.6	18518.7	15990.8	13365.6	10943.4	8584.8
12.5°	24181.2	27258.8	29327.6	30085.9	29327.6	27258.8	24181.2	20631.1	16538.4	13322.3	10442.2
10°	30093.4	32945.0	35161.3	35906.1	35161.3	32945.0	30093.4	25590.3	20653.6	15820.5	12084.8
7.5°	34364.4	37764.8	40261.3	41357.6	40261.3	37764.8	34364.4	29891.1	24250.5	18495.4	13834.8
5°	37736.0	41759.5	44083.5	45114.9	44083.5	41759.5	37736.0	32954.2	27194.7	20750.1	15124.8
2.5°	39948.1	43923.7	46384.7	47335.8	46384.7	43923.7	39948.1	34900.2	29068.9	22132.0	15944.7
0°	40775.3	44662.7	47094.2	48255.7	47094.2	44662.7	40775.3	35385.7	29577.9	22459.9	16218.4
-2.5°	39948.1	43923.7	46384.7	47335.8	46384.7	43923.7	39948.1	34900.2	29068.9	22132.0	15944.7
-5°	37736.0	41759.5	44083.5	45114.9	44083.5	41759.5	37736.0	32954.2	27194.7	20750.1	15124.8
-7.5°	34364.4	37764.8	40261.3	41357.6	40261.3	37764.8	34364.4	29891.1	24250.5	18495.4	13834.8
-10°	30093.4	32945.0	35161.3	35906.1	35161.3	32945.0	30093.4	25590.3	20653.6	15820.5	12084.8
-12.5°	24181.2	27258.8	29327.6	30085.9	29327.6	27258.8	24181.2	20631.1	16538.4	13322.3	10442.2
-15°	18518.7	20950.6	22407.9	22670.5	22407.9	20950.6	18518.7	15990.8	13365.6	10943.4	8584.8
-17.5°	13868.3	15315.4	16223.9	16614.9	16223.9	15315.4	13868.3	12126.9	10505.6	8639.2	6763.6
-20°	10367.7	11259.0	11735.8	11736.4	11735.8	11259.0	10367.7	9171.1	7938.5	6475.8	5040.2



REPORT NUMBER: P627305 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	7525.4	8195.3	8562.4	8626.5	8562.4	8195.3	7525.4	6623.4	5647.9	4580.6	3499.2
-25°	5072.0	5562.7	5877.0	5882.1	5877.0	5562.7	5072.0	4411.5	3665.8	3017.0	2287.5
-27.5°	3155.7	3443.2	3613.6	3627.2	3613.6	3443.2	3155.7	2756.1	2242.2	1953.5	1589.0
-30°	1934.2	2049.5	2103.7	2090.8	2103.7	2049.5	1934.2	1755.7	1522.6	1349.5	1182.1
-32.5°	1305.8	1362.3	1392.7	1397.0	1392.7	1362.3	1305.8	1224.3	1114.1	1013.1	934.8
-35°	979.1	1006.7	1021.0	1022.2	1021.0	1006.7	979.1	937.7	884.0	825.8	780.0
-37.5°	791.4	805.9	812.4	808.4	812.4	805.9	791.4	769.6	740.2	703.6	675.5
-40°	672.9	680.9	685.9	690.7	685.9	680.9	672.9	660.3	643.0	622.1	602.8
-42.5°	590.2	594.1	596.3	597.8	596.3	594.1	590.2	583.4	573.8	561.5	549.0
-45°	532.0	533.8	534.0	532.8	534.0	533.8	532.0	528.2	522.9	516.2	508.5
-47.5°	487.2	487.9	487.6	486.3	487.6	487.9	487.2	485.3	482.5	478.6	473.3
-50°	450.4	448.9	447.5	446.0	447.5	448.9	450.4	450.9	450.1	447.9	444.2
-52.5°	422.8	421.2	419.7	418.2	419.7	421.2	422.8	423.4	422.7	420.5	417.5
-55°	397.2	396.2	395.0	393.4	395.0	396.2	397.2	397.3	396.6	395.2	393.2
-57.5°	374.5	374.2	374.5	374.8	374.5	374.2	374.5	374.2	373.4	372.3	370.4
-60°	351.5	351.9	352.7	353.1	352.7	351.9	351.5	350.3	348.2	346.0	343.6
-62.5°	317.4	317.7	319.9	322.1	319.9	317.7	317.4	316.2	314.1	312.4	310.5
-65°	280.7	280.8	282.9	285.0	282.9	280.8	280.7	279.8	278.0	276.3	274.3
-67.5°	246.1	246.7	248.9	250.9	248.9	246.7	246.1	244.9	243.4	241.9	240.4
-70°	213.3	212.9	214.9	216.8	214.9	212.9	213.3	213.3	212.7	211.7	210.2
-72.5°	182.6	182.1	182.6	182.8	182.6	182.1	182.6	182.6	182.0	181.0	179.6
-75°	151.0	151.1	151.6	151.8	151.6	151.1	151.0	150.6	149.7	148.7	147.7
-77.5°	120.3	120.2	120.7	120.8	120.7	120.2	120.3	120.0	119.5	118.6	117.3
-80°	89.6	89.4	89.7	89.8	89.7	89.4	89.6	89.6	89.3	88.6	87.3
-82.5°	61.2	61.6	61.8	61.9	61.8	61.6	61.2	60.6	59.9	59.1	58.8
-85°	33.7	33.9	34.1	34.1	34.1	33.9	33.7	33.4	33.1	32.6	32.8
-87.5°	12.3	12.4	12.4	12.4	12.4	12.4	12.3	12.2	12.1	12.0	11.8
-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: P627305 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	11.7	11.5	11.2	11.0	10.7	10.5	10.2	9.8	9.5	9.1	8.8
85°	32.9	32.8	32.5	31.6	30.5	29.4	28.2	26.9	25.6	24.1	22.7
82.5°	58.4	57.9	57.1	55.0	52.8	50.6	48.4	46.5	44.5	42.4	40.1
80°	85.8	84.1	82.3	79.8	76.9	73.7	70.3	67.1	63.7	60.5	57.5
77.5°	115.6	113.5	110.8	107.5	103.9	100.0	95.8	91.5	87.2	82.8	78.1
75°	146.3	144.4	141.5	137.5	133.2	128.5	123.2	117.3	111.4	105.5	99.7
72.5°	177.8	175.5	172.3	167.7	162.5	156.9	150.9	144.2	136.8	128.8	121.5
70°	208.2	205.8	202.6	198.5	193.2	187.1	179.9	172.1	163.9	155.3	146.4
67.5°	238.1	235.1	231.8	228.1	223.5	217.7	210.1	201.0	191.5	181.7	171.5
65°	271.4	267.5	263.3	259.3	254.5	248.6	240.8	232.0	221.6	209.5	196.5
62.5°	307.8	304.3	298.2	291.7	285.3	278.5	269.6	260.1	250.5	239.4	223.9
60°	341.0	337.7	329.8	322.0	314.2	305.9	295.9	285.8	275.7	263.5	249.4
57.5°	367.6	362.5	355.1	347.5	339.9	329.8	319.2	309.1	298.1	286.3	273.2
55°	390.5	384.8	377.2	369.0	360.1	350.0	339.4	328.1	317.5	307.8	294.4
52.5°	413.7	406.6	398.4	389.5	379.8	368.9	357.5	345.7	335.3	325.3	314.0
50°	439.0	430.0	420.2	409.9	399.4	387.7	375.4	362.8	352.8	342.4	331.0
47.5°	466.2	455.5	443.8	432.1	420.0	407.4	394.0	380.5	369.5	358.8	347.0
45°	498.1	484.5	469.5	456.1	441.7	427.7	413.4	399.4	385.7	373.6	362.2
42.5°	535.1	519.0	501.9	483.6	465.1	449.0	432.8	417.8	402.5	388.0	374.9
40°	581.7	558.1	538.2	515.6	493.8	471.8	454.1	435.9	419.3	402.8	387.8
37.5°	643.1	610.2	581.7	552.2	526.1	500.0	477.3	456.6	435.9	418.2	401.3
35°	726.0	679.9	635.2	597.2	562.1	531.3	502.5	478.3	455.4	433.8	414.9
32.5°	843.3	775.9	704.0	652.8	604.5	564.5	530.7	500.5	474.4	450.5	428.9
30°	1027.3	908.4	806.4	719.7	657.4	603.0	559.3	523.9	493.2	466.7	442.6
27.5°	1327.3	1084.9	943.7	814.2	717.9	649.9	593.2	547.1	511.5	482.5	456.1
25°	1813.8	1404.8	1118.9	939.9	800.3	700.0	629.7	574.8	531.3	496.7	465.8
22.5°	2526.4	1887.9	1396.1	1084.0	901.3	768.4	672.9	602.1	549.0	508.9	475.3
20°	3650.2	2510.9	1799.9	1317.5	1019.8	834.1	718.7	634.1	570.6	522.1	483.7
17.5°	4996.2	3474.5	2257.1	1568.9	1173.6	928.8	772.2	664.9	589.7	534.0	490.8
15°	6352.5	4482.3	2959.6	1933.4	1341.3	1011.7	818.2	691.5	608.4	547.0	499.7
12.5°	7850.5	5562.1	3582.9	2234.8	1514.0	1111.6	876.8	727.3	628.8	560.0	508.3
10°	9144.3	6570.8	4332.1	2717.6	1741.3	1216.3	930.6	758.0	645.8	570.5	515.0
7.5°	10309.4	7432.4	4960.5	3094.3	1917.5	1299.4	973.7	782.5	658.7	578.2	519.8
5°	11136.1	8090.9	5465.9	3379.0	2043.7	1356.9	1003.7	799.8	667.2	583.0	522.5
2.5°	11652.0	8487.2	5795.6	3548.1	2105.4	1388.5	1022.6	809.6	674.3	588.4	524.1
0°	11699.2	8459.2	5841.9	3630.3	2066.0	1393.9	1031.5	811.5	678.3	591.6	523.5
-2.5°	11652.0	8487.2	5795.6	3548.1	2105.4	1388.5	1022.6	809.6	674.3	588.4	524.1
-5°	11136.1	8090.9	5465.9	3379.0	2043.7	1356.9	1003.7	799.8	667.2	583.0	522.5
-7.5°	10309.4	7432.4	4960.5	3094.3	1917.5	1299.4	973.7	782.5	658.7	578.2	519.8
-10°	9144.3	6570.8	4332.1	2717.6	1741.3	1216.3	930.6	758.0	645.8	570.5	515.0
-12.5°	7850.5	5562.1	3582.9	2234.8	1514.0	1111.6	876.8	727.3	628.8	560.0	508.3
-15°	6352.5	4482.3	2959.6	1933.4	1341.3	1011.7	818.2	691.5	608.4	547.0	499.7
-17.5°	4996.2	3474.5	2257.1	1568.9	1173.6	928.8	772.2	664.9	589.7	534.0	490.8
-20°	3650.2	2510.9	1799.9	1317.5	1019.8	834.1	718.7	634.1	570.6	522.1	483.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627305 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2526.4	1887.9	1396.1	1084.0	901.3	768.4	672.9	602.1	549.0	508.9	475.3
-25°	1813.8	1404.8	1118.9	939.9	800.3	700.0	629.7	574.8	531.3	496.7	465.8
-27.5°	1327.3	1084.9	943.7	814.2	717.9	649.9	593.2	547.1	511.5	482.5	456.1
-30°	1027.3	908.4	806.4	719.7	657.4	603.0	559.3	523.9	493.2	466.7	442.6
-32.5°	843.3	775.9	704.0	652.8	604.5	564.5	530.7	500.5	474.4	450.5	428.9
-35°	726.0	679.9	635.2	597.2	562.1	531.3	502.5	478.3	455.4	433.8	414.9
-37.5°	643.1	610.2	581.7	552.2	526.1	500.0	477.3	456.6	435.9	418.2	401.3
-40°	581.7	558.1	538.2	515.6	493.8	471.8	454.1	435.9	419.3	402.8	387.8
-42.5°	535.1	519.0	501.9	483.6	465.1	449.0	432.8	417.8	402.5	388.0	374.9
-45°	498.1	484.5	469.5	456.1	441.7	427.7	413.4	399.4	385.7	373.6	362.2
-47.5°	466.2	455.5	443.8	432.1	420.0	407.4	394.0	380.5	369.5	358.8	347.0
-50°	439.0	430.0	420.2	409.9	399.4	387.7	375.4	362.8	352.8	342.4	331.0
-52.5°	413.7	406.6	398.4	389.5	379.8	368.9	357.5	345.7	335.3	325.3	314.0
-55°	390.5	384.8	377.2	369.0	360.1	350.0	339.4	328.1	317.5	307.8	294.4
-57.5°	367.6	362.5	355.1	347.5	339.9	329.8	319.2	309.1	298.1	286.3	273.2
-60°	341.0	337.7	329.8	322.0	314.2	305.9	295.9	285.8	275.7	263.5	249.4
-62.5°	307.8	304.3	298.2	291.7	285.3	278.5	269.6	260.1	250.5	239.4	223.9
-65°	271.4	267.5	263.3	259.3	254.5	248.6	240.8	232.0	221.6	209.5	196.5
-67.5°	238.1	235.1	231.8	228.1	223.5	217.7	210.1	201.0	191.5	181.7	171.5
-70°	208.2	205.8	202.6	198.5	193.2	187.1	179.9	172.1	163.9	155.3	146.4
-72.5°	177.8	175.5	172.3	167.7	162.5	156.9	150.9	144.2	136.8	128.8	121.5
-75°	146.3	144.4	141.5	137.5	133.2	128.5	123.2	117.3	111.4	105.5	99.7
-77.5°	115.6	113.5	110.8	107.5	103.9	100.0	95.8	91.5	87.2	82.8	78.1
-80°	85.8	84.1	82.3	79.8	76.9	73.7	70.3	67.1	63.7	60.5	57.5
-82.5°	58.4	57.9	57.1	55.0	52.8	50.6	48.4	46.5	44.5	42.4	40.1
-85°	32.9	32.8	32.5	31.6	30.5	29.4	28.2	26.9	25.6	24.1	22.7
-87.5°	11.7	11.5	11.2	11.0	10.7	10.5	10.2	9.8	9.5	9.1	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: P627305 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-722-U-MR-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°	8.4	8.0	7.5	7.1	6.7	6.2	5.7	5.2	4.7	4.2	3.7
85°	21.1	19.5	17.8	16.0	14.2	12.4	11.4	10.5	9.5	8.5	7.4
82.5°	37.8	35.3	32.8	30.2	27.5	24.7	21.9	19.0	15.9	12.9	11.2
80°	54.4	51.1	47.8	44.3	40.8	37.0	33.2	29.3	24.9	20.8	16.8
77.5°	73.2	68.1	62.8	58.4	54.4	50.0	45.2	39.8	33.9	28.5	23.4
75°	93.8	87.6	81.3	75.0	69.1	63.0	57.5	51.2	43.8	36.3	29.9
72.5°	115.1	108.0	100.3	92.4	85.3	78.0	70.5	62.5	54.0	45.4	36.7
70°	137.6	128.8	120.2	111.3	102.2	93.0	84.3	74.6	64.1	54.4	44.6
67.5°	160.9	150.5	140.2	130.1	119.7	109.1	98.2	86.9	75.2	63.3	52.4
65°	184.7	172.4	159.9	148.7	137.1	125.2	113.0	99.2	86.0	73.0	60.0
62.5°	209.0	194.7	180.9	167.2	154.2	141.0	127.4	111.9	96.8	82.5	68.1
60°	233.5	217.1	201.4	186.2	171.2	156.6	141.2	124.2	107.8	91.8	76.2
57.5°	256.9	238.9	221.1	204.4	188.1	171.9	154.7	136.4	118.3	101.0	84.2
55°	279.7	261.2	240.4	221.4	204.1	186.8	167.8	148.4	128.7	109.9	91.9
52.5°	299.8	281.4	259.8	238.1	218.7	200.6	180.2	160.0	139.1	118.5	99.4
50°	317.9	299.3	277.7	254.8	232.7	212.6	192.1	170.8	149.2	127.0	106.7
47.5°	333.6	315.8	294.4	270.5	246.9	224.2	202.9	180.9	159.0	135.6	113.7
45°	347.9	331.7	310.4	286.0	260.1	236.0	213.0	190.5	167.6	144.0	120.4
42.5°	361.2	345.4	326.0	301.0	273.5	247.3	222.8	199.3	175.7	151.9	127.1
40°	373.2	357.4	340.5	315.1	286.2	257.8	232.3	207.7	183.2	159.2	133.6
37.5°	385.1	368.8	351.3	328.2	298.0	268.7	241.2	215.6	190.5	165.7	139.7
35°	397.3	379.8	360.7	338.6	309.4	278.6	249.4	223.0	197.4	171.7	145.4
32.5°	409.0	389.7	369.4	347.3	319.9	287.7	257.4	230.2	203.9	177.4	150.7
30°	420.5	397.9	377.0	356.3	329.2	296.5	265.3	237.0	209.9	182.7	155.4
27.5°	429.2	405.0	383.8	363.3	336.9	304.7	272.9	243.1	215.4	187.6	159.7
25°	437.1	411.8	389.6	368.8	344.5	313.1	279.8	248.8	220.4	192.0	163.5
22.5°	444.9	417.8	394.4	373.6	351.8	320.7	286.4	254.5	224.9	196.0	167.0
20°	451.7	422.5	398.4	377.9	356.6	326.6	292.6	259.5	228.9	199.5	170.0
17.5°	457.5	427.4	402.6	381.5	359.9	331.7	298.0	263.9	232.4	202.6	172.7
15°	463.4	432.4	406.2	384.2	362.8	335.8	302.5	267.6	235.4	205.2	175.2
12.5°	468.5	436.2	409.0	386.2	365.2	339.0	306.3	270.7	237.8	207.6	177.5
10°	472.5	438.6	410.9	387.4	367.1	341.3	309.3	273.5	240.7	209.8	179.4
7.5°	475.2	439.8	412.0	387.9	368.5	343.4	312.2	276.6	243.3	211.5	180.9
5°	477.1	440.4	412.8	389.1	369.3	345.3	314.3	279.1	245.3	212.7	181.9
2.5°	479.3	440.6	412.8	390.0	369.3	346.5	315.5	280.8	246.9	213.5	182.6
0°	480.1	439.8	412.0	390.3	368.6	346.9	315.9	281.9	247.8	213.7	182.8
-2.5°	479.3	440.6	412.8	390.0	369.3	346.5	315.5	280.8	246.9	213.5	182.6
-5°	477.1	440.4	412.8	389.1	369.3	345.3	314.3	279.1	245.3	212.7	181.9
-7.5°	475.2	439.8	412.0	387.9	368.5	343.4	312.2	276.6	243.3	211.5	180.9
-10°	472.5	438.6	410.9	387.4	367.1	341.3	309.3	273.5	240.7	209.8	179.4
-12.5°	468.5	436.2	409.0	386.2	365.2	339.0	306.3	270.7	237.8	207.6	177.5
-15°	463.4	432.4	406.2	384.2	362.8	335.8	302.5	267.6	235.4	205.2	175.2
-17.5°	457.5	427.4	402.6	381.5	359.9	331.7	298.0	263.9	232.4	202.6	172.7
-20°	451.7	422.5	398.4	377.9	356.6	326.6	292.6	259.5	228.9	199.5	170.0



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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°	444.9	417.8	394.4	373.6	351.8	320.7	286.4	254.5	224.9	196.0	167.0
-25°	437.1	411.8	389.6	368.8	344.5	313.1	279.8	248.8	220.4	192.0	163.5
-27.5°	429.2	405.0	383.8	363.3	336.9	304.7	272.9	243.1	215.4	187.6	159.7
-30°	420.5	397.9	377.0	356.3	329.2	296.5	265.3	237.0	209.9	182.7	155.4
-32.5°	409.0	389.7	369.4	347.3	319.9	287.7	257.4	230.2	203.9	177.4	150.7
-35°	397.3	379.8	360.7	338.6	309.4	278.6	249.4	223.0	197.4	171.7	145.4
-37.5°	385.1	368.8	351.3	328.2	298.0	268.7	241.2	215.6	190.5	165.7	139.7
-40°	373.2	357.4	340.5	315.1	286.2	257.8	232.3	207.7	183.2	159.2	133.6
-42.5°	361.2	345.4	326.0	301.0	273.5	247.3	222.8	199.3	175.7	151.9	127.1
-45°	347.9	331.7	310.4	286.0	260.1	236.0	213.0	190.5	167.6	144.0	120.4
-47.5°	333.6	315.8	294.4	270.5	246.9	224.2	202.9	180.9	159.0	135.6	113.7
-50°	317.9	299.3	277.7	254.8	232.7	212.6	192.1	170.8	149.2	127.0	106.7
-52.5°	299.8	281.4	259.8	238.1	218.7	200.6	180.2	160.0	139.1	118.5	99.4
-55°	279.7	261.2	240.4	221.4	204.1	186.8	167.8	148.4	128.7	109.9	91.9
-57.5°	256.9	238.9	221.1	204.4	188.1	171.9	154.7	136.4	118.3	101.0	84.2
-60°	233.5	217.1	201.4	186.2	171.2	156.6	141.2	124.2	107.8	91.8	76.2
-62.5°	209.0	194.7	180.9	167.2	154.2	141.0	127.4	111.9	96.8	82.5	68.1
-65°	184.7	172.4	159.9	148.7	137.1	125.2	113.0	99.2	86.0	73.0	60.0
-67.5°	160.9	150.5	140.2	130.1	119.7	109.1	98.2	86.9	75.2	63.3	52.4
-70°	137.6	128.8	120.2	111.3	102.2	93.0	84.3	74.6	64.1	54.4	44.6
-72.5°	115.1	108.0	100.3	92.4	85.3	78.0	70.5	62.5	54.0	45.4	36.7
-75°	93.8	87.6	81.3	75.0	69.1	63.0	57.5	51.2	43.8	36.3	29.9
-77.5°	73.2	68.1	62.8	58.4	54.4	50.0	45.2	39.8	33.9	28.5	23.4
-80°	54.4	51.1	47.8	44.3	40.8	37.0	33.2	29.3	24.9	20.8	16.8
-82.5°	37.8	35.3	32.8	30.2	27.5	24.7	21.9	19.0	15.9	12.9	11.2
-85°	21.1	19.5	17.8	16.0	14.2	12.4	11.4	10.5	9.5	8.5	7.4
-87.5°	8.4	8.0	7.5	7.1	6.7	6.2	5.7	5.2	4.7	4.2	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°	3.2	2.7	2.2	1.6	1.1	0.5	0.0
85°	6.4	5.4	4.3	3.2	2.2	1.1	0.0
82.5°	9.6	8.0	6.4	4.8	3.2	1.6	0.0
80°	13.1	10.7	8.6	6.4	4.3	2.2	0.0
77.5°	18.6	14.0	10.7	8.0	5.4	2.7	0.0
75°	24.0	18.6	13.1	9.6	6.4	3.2	0.0
72.5°	29.4	23.1	16.7	11.2	7.4	3.7	0.0
70°	35.0	27.5	20.3	12.9	8.5	4.2	0.0
67.5°	41.7	31.9	23.8	15.6	9.5	4.7	0.0
65°	48.3	36.9	27.2	18.1	10.5	5.2	0.0
62.5°	54.8	42.3	30.6	20.7	11.4	5.7	0.0
60°	61.2	47.6	33.9	23.2	12.4	6.2	0.0
57.5°	67.9	52.8	38.0	25.6	14.0	6.7	0.0
55°	74.4	57.8	42.1	28.0	15.6	7.1	0.0
52.5°	80.7	62.7	46.0	30.3	17.1	7.5	0.0
50°	86.8	67.7	49.8	32.5	18.6	8.0	0.0
47.5°	92.6	72.5	53.4	34.8	20.0	8.4	0.0
45°	98.3	77.1	56.9	37.4	21.4	8.8	0.0
42.5°	103.8	81.4	60.3	39.9	22.7	9.1	0.0
40°	109.1	85.5	63.5	42.3	23.9	9.5	0.0
37.5°	114.1	89.3	66.6	44.5	25.1	9.8	0.0
35°	118.7	93.1	69.5	46.6	26.2	10.2	0.0
32.5°	123.2	96.8	72.2	48.5	27.3	10.5	0.0
30°	127.4	100.2	74.7	50.2	28.3	10.7	0.0
27.5°	131.2	103.3	77.0	51.8	29.2	11.0	0.0
25°	134.7	106.2	79.1	53.3	30.0	11.2	0.0
22.5°	137.8	108.8	81.0	54.5	30.8	11.5	0.0
20°	140.5	111.0	82.8	55.7	31.5	11.7	0.0
17.5°	142.9	113.0	84.4	56.6	32.1	11.8	0.0
15°	145.2	114.6	85.8	57.4	32.6	12.0	0.0
12.5°	147.1	115.8	87.0	58.0	33.1	12.1	0.0
10°	148.8	116.8	88.0	58.5	33.4	12.2	0.0
7.5°	150.1	117.5	88.8	58.8	33.7	12.3	0.0
5°	151.0	117.8	89.3	59.0	33.9	12.4	0.0
2.5°	151.6	117.9	89.7	59.0	34.1	12.4	0.0
0°	151.8	117.7	89.8	58.9	34.1	12.4	0.0
-2.5°	151.6	117.9	89.7	59.0	34.1	12.4	0.0
-5°	151.0	117.8	89.3	59.0	33.9	12.4	0.0
-7.5°	150.1	117.5	88.8	58.8	33.7	12.3	0.0
-10°	148.8	116.8	88.0	58.5	33.4	12.2	0.0
-12.5°	147.1	115.8	87.0	58.0	33.1	12.1	0.0
-15°	145.2	114.6	85.8	57.4	32.6	12.0	0.0
-17.5°	142.9	113.0	84.4	56.6	32.1	11.8	0.0
-20°	140.5	111.0	82.8	55.7	31.5	11.7	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	137.8	108.8	81.0	54.5	30.8	11.5	0.0
-25°	134.7	106.2	79.1	53.3	30.0	11.2	0.0
-27.5°	131.2	103.3	77.0	51.8	29.2	11.0	0.0
-30°	127.4	100.2	74.7	50.2	28.3	10.7	0.0
-32.5°	123.2	96.8	72.2	48.5	27.3	10.5	0.0
-35°	118.7	93.1	69.5	46.6	26.2	10.2	0.0
-37.5°	114.1	89.3	66.6	44.5	25.1	9.8	0.0
-40°	109.1	85.5	63.5	42.3	23.9	9.5	0.0
-42.5°	103.8	81.4	60.3	39.9	22.7	9.1	0.0
-45°	98.3	77.1	56.9	37.4	21.4	8.8	0.0
-47.5°	92.6	72.5	53.4	34.8	20.0	8.4	0.0
-50°	86.8	67.7	49.8	32.5	18.6	8.0	0.0
-52.5°	80.7	62.7	46.0	30.3	17.1	7.5	0.0
-55°	74.4	57.8	42.1	28.0	15.6	7.1	0.0
-57.5°	67.9	52.8	38.0	25.6	14.0	6.7	0.0
-60°	61.2	47.6	33.9	23.2	12.4	6.2	0.0
-62.5°	54.8	42.3	30.6	20.7	11.4	5.7	0.0
-65°	48.3	36.9	27.2	18.1	10.5	5.2	0.0
-67.5°	41.7	31.9	23.8	15.6	9.5	4.7	0.0
-70°	35.0	27.5	20.3	12.9	8.5	4.2	0.0
-72.5°	29.4	23.1	16.7	11.2	7.4	3.7	0.0
-75°	24.0	18.6	13.1	9.6	6.4	3.2	0.0
-77.5°	18.6	14.0	10.7	8.0	5.4	2.7	0.0
-80°	13.1	10.7	8.6	6.4	4.3	2.2	0.0
-82.5°	9.6	8.0	6.4	4.8	3.2	1.6	0.0
-85°	6.4	5.4	4.3	3.2	2.2	1.1	0.0
-87.5°	3.2	2.7	2.2	1.6	1.1	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)