

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: P627339 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-735-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
 Report Number: P627339 (CONVERTED FROM TYPE C PHOTOMETRY)
 TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)
 Test Lab: COOPER LIGHTING SOLUTIONS
 Issue Date: 12/7/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: MCGRAW-EDISON
 Catalog Number: GFLD-SA4B-735-U-NR-XX
 Description: GALLEON FLOOD, FOUR LIGHT SQUARE, NARROW SYMMETRICAL ROUND N93
 Light Source: (64) 3500K CCT, 70 CRI LEDS
 Ballast/Driver: -

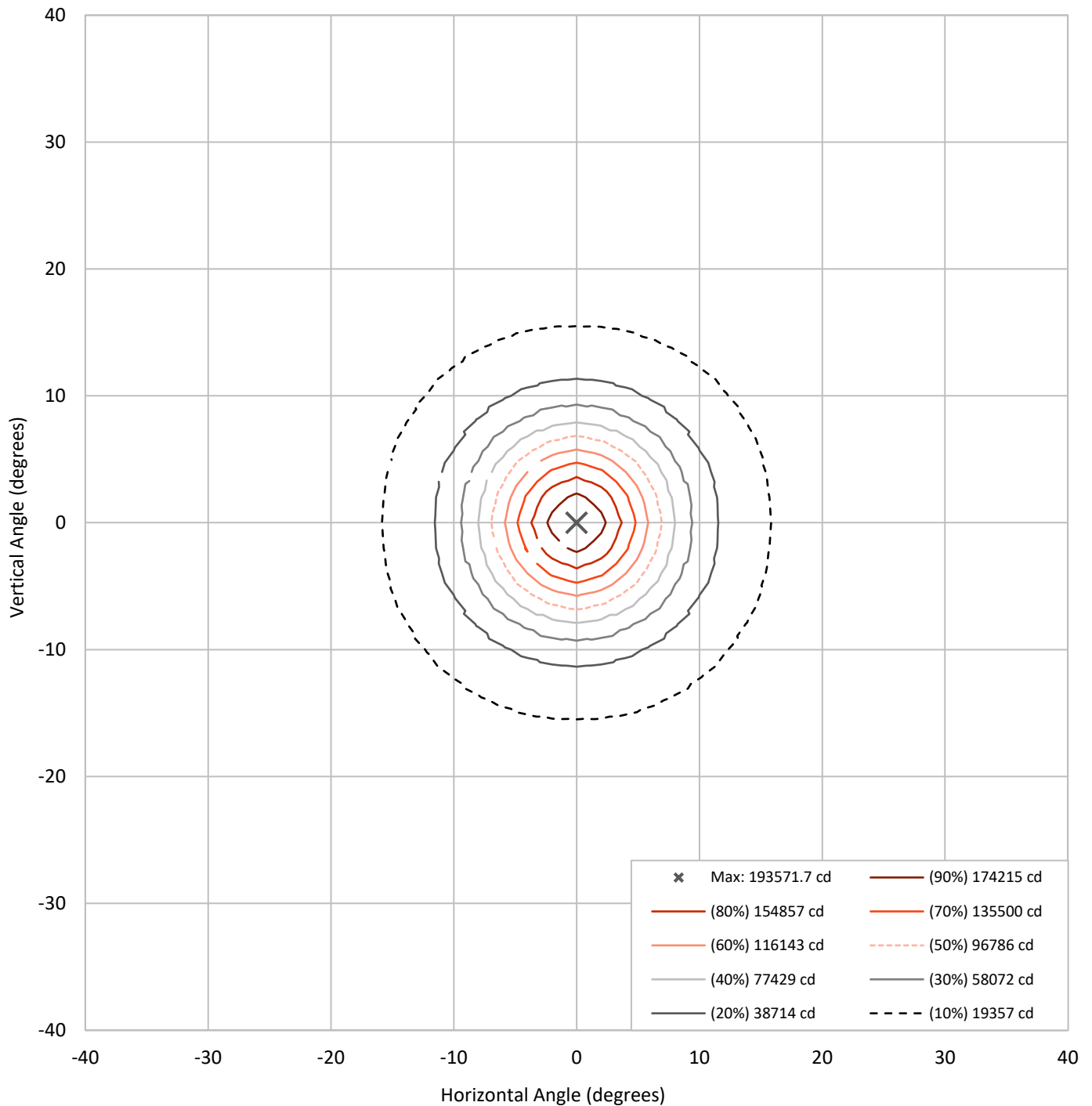
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	20554.5 lumens	Max Intensity:	193571.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	158.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	6077 lumens	Field Lumens:	13675.8 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	129.5		
Input Voltage (V):	120		
Input Current (A _{in}):	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





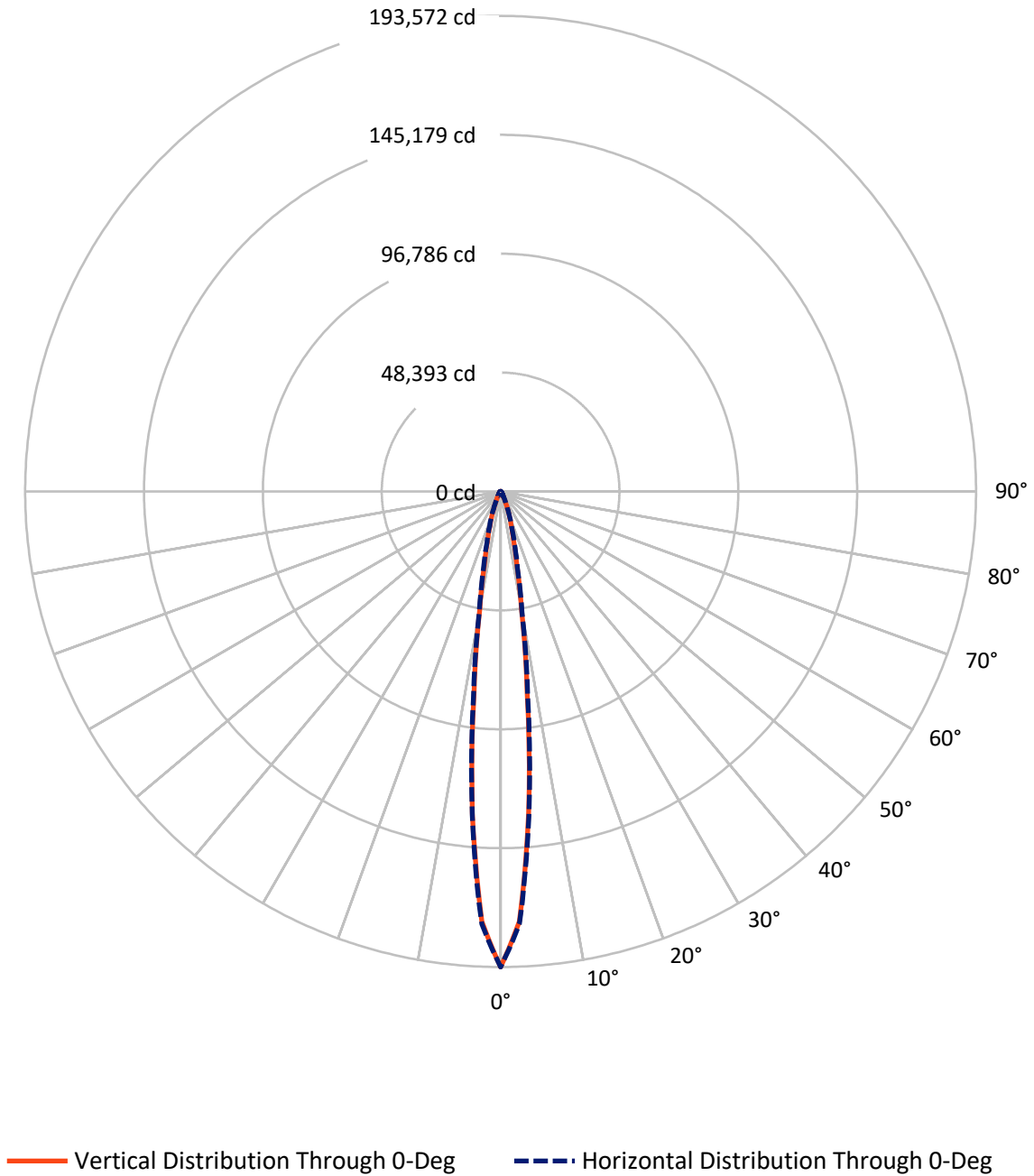
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Lumen Table

90	0.4	2.8		7.4		12.0		13.1		12.0		7.4		2.8		0.4			
80	0.4	2.8		7.4		12.0		13.1		12.0		7.4		2.8		0.4			
70	1.3	1.4	3.0	4.9	6.9	8.4	9.5	9.9	9.9	9.5	8.4	6.9	4.9	3.0	1.4	1.3			
60		2.2	4.5	7.2	9.7	11.9	13.3	13.8	13.8	13.3	11.9	9.7	7.2	4.5	2.2				
50	2.2	2.9	5.8	8.9	11.9	14.9	17.6	19.0	19.0	17.6	14.9	11.9	8.9	5.8	2.9	2.2			
40		3.4	6.8	10.3	14.6	21.0	29.6	36.7	36.7	29.6	21.0	14.6	10.3	6.8	3.4				
30	2.9	3.9	7.4	11.6	18.9	37.6	85.5	141.6	141.6	85.5	37.6	18.9	11.6	7.4	3.9	2.9			
20		4.2	7.8	12.8	25.1	79.7	283.2	609.9	609.9	283.2	79.7	25.1	12.8	7.8	4.2				
10	3.1	4.3	8.0	13.6	30.4	131.4	615.6	2659.2	2659.2	615.6	131.4	30.4	13.6	8.0	4.3	3.1			
0		4.3	8.0	13.6	30.4	131.4	615.6	2659.2	2659.2	615.6	131.4	30.4	13.6	8.0	4.3				
-10	2.9	4.2	7.8	12.8	25.1	79.7	283.2	609.9	609.9	283.2	79.7	25.1	12.8	7.8	4.2	2.9			
-20		3.9	7.4	11.6	18.9	37.6	85.5	141.6	141.6	85.5	37.6	18.9	11.6	7.4	3.9				
-30	2.2	3.4	6.8	10.3	14.6	21.0	29.6	36.7	36.7	29.6	21.0	14.6	10.3	6.8	3.4	2.2			
-40		2.9	5.8	8.9	11.9	14.9	17.6	19.0	19.0	17.6	14.9	11.9	8.9	5.8	2.9				
-50	1.3	2.2	4.5	7.2	9.7	11.9	13.3	13.8	13.8	13.3	11.9	9.7	7.2	4.5	2.2	1.3			
-60		1.4	3.0	4.9	6.9	8.4	9.5	9.9	9.9	9.5	8.4	6.9	4.9	3.0	1.4				
-70	0.4	2.8		7.4		12.0		13.1		12.0		7.4		2.8		0.4			
-80		2.8		7.4		12.0		13.1		12.0		7.4		2.8					
-90	0.4	2.8		7.4		12.0		13.1		12.0		7.4		2.8		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

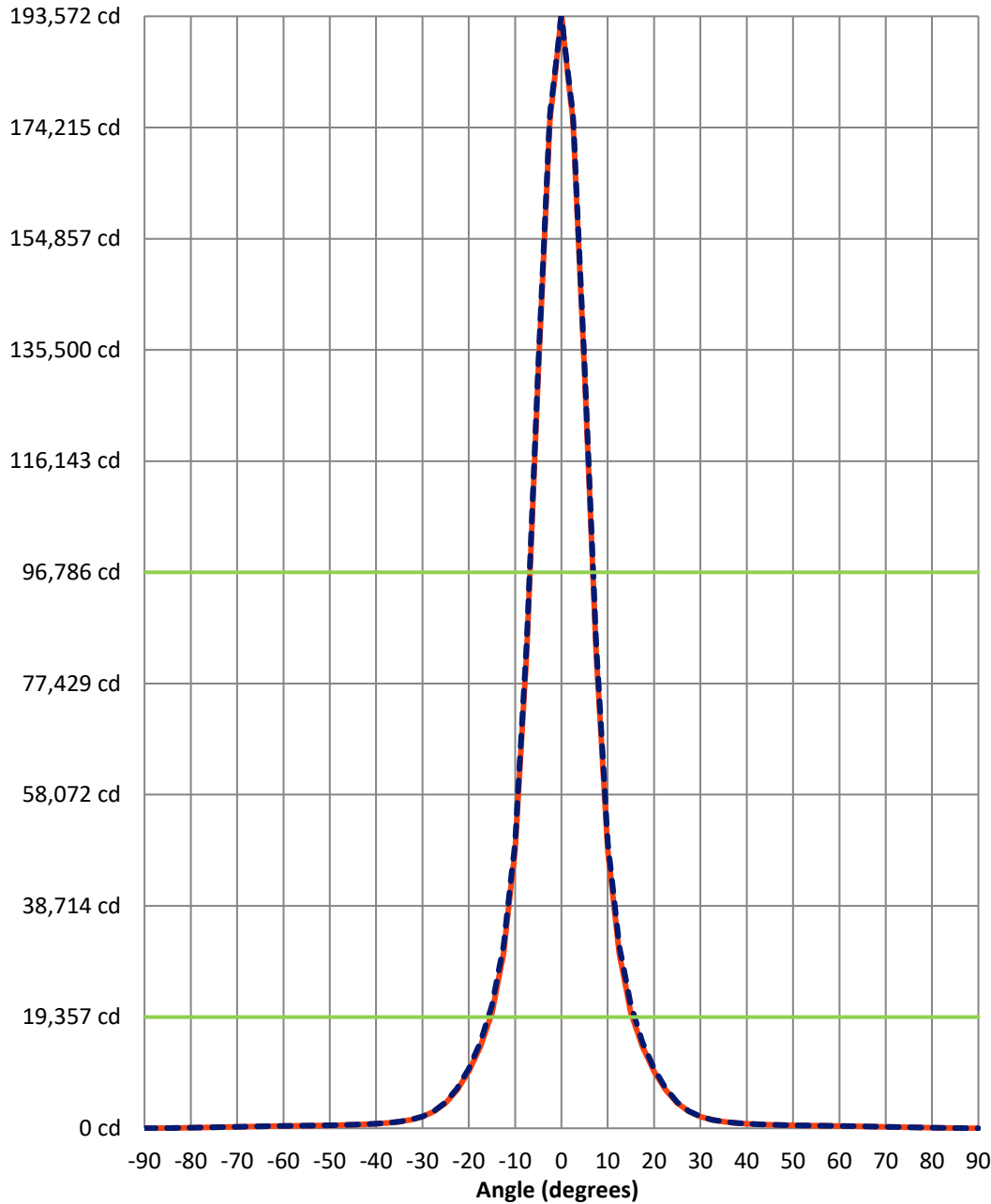
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 6077
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 13675.8
 Efficiency: 66.5%

Spill:
 Lumens: 6878.6
 Efficiency: 33.5%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.6	1.4	2.2	2.9	3.6	4.3	5.0	5.7	6.4	7.0
85°	0.0	1.3	2.9	4.3	5.8	7.2	8.6	10.0	11.3	12.7	14.0
82.5°	0.0	1.9	4.3	6.5	8.6	10.7	12.9	14.9	17.2	20.2	23.2
80°	0.0	2.5	5.7	8.6	11.5	14.3	17.4	21.5	25.6	29.7	33.6
77.5°	0.0	3.1	7.1	10.7	14.3	18.4	23.6	28.9	34.0	39.0	44.4
75°	0.0	3.7	8.5	12.9	17.3	23.3	29.8	36.2	42.4	49.4	56.3
72.5°	0.0	4.3	9.9	14.9	21.1	28.2	35.9	43.7	52.0	60.2	68.2
70°	0.0	4.9	11.2	17.1	24.8	33.0	42.0	52.0	61.4	70.8	81.3
67.5°	0.0	5.5	12.4	19.7	28.4	37.7	49.0	60.2	70.8	82.7	94.5
65°	0.0	6.0	13.7	22.3	31.9	42.9	55.8	68.2	81.3	94.5	108.4
62.5°	0.0	6.6	14.9	24.8	35.4	48.4	62.4	76.9	91.6	106.5	124.0
60°	0.0	7.1	16.0	27.2	38.7	53.9	69.0	85.7	101.7	119.9	139.1
57.5°	0.0	7.6	17.5	29.5	42.9	59.1	76.1	94.3	112.7	132.9	153.7
55°	0.0	8.1	19.0	31.8	47.0	64.3	83.2	102.6	123.6	145.4	167.8
52.5°	0.0	8.6	20.4	34.0	51.0	69.4	90.0	111.5	134.2	157.3	181.3
50°	0.0	9.0	21.8	36.0	54.8	74.9	96.7	120.2	144.2	168.8	194.2
47.5°	0.0	9.4	23.1	38.2	58.5	80.2	103.1	128.6	153.8	179.7	207.0
45°	0.0	9.8	24.4	40.9	62.1	85.3	110.1	136.7	163.1	190.9	219.4
42.5°	0.0	10.2	25.7	43.4	65.5	90.1	116.7	144.4	171.9	201.7	231.4
40°	0.0	10.5	26.9	45.9	68.9	94.8	123.0	151.8	180.6	212.2	243.2
37.5°	0.0	10.9	28.1	48.3	72.4	99.1	128.9	158.7	189.3	222.0	254.6
35°	0.0	11.1	29.2	50.5	75.7	103.6	134.6	165.3	197.4	231.2	265.5
32.5°	0.0	11.4	30.2	52.7	78.8	108.0	139.8	171.5	204.8	239.8	275.0
30°	0.0	11.6	31.2	54.6	81.6	112.1	144.7	177.3	211.6	247.8	283.7
27.5°	0.0	11.9	32.1	56.5	84.4	115.8	149.3	182.8	217.9	255.2	291.4
25°	0.0	12.0	33.0	58.2	87.0	119.3	153.4	187.8	223.9	261.7	298.3
22.5°	0.0	12.2	33.7	59.7	89.3	122.4	157.2	192.2	229.2	267.3	304.3
20°	0.0	12.3	34.5	61.1	91.4	125.1	160.5	196.0	233.9	272.1	309.7
17.5°	0.0	12.4	35.1	62.3	93.3	127.4	163.3	199.3	238.1	276.2	314.5
15°	0.0	12.5	35.7	63.4	94.9	129.2	165.5	202.3	241.5	279.5	318.6
12.5°	0.0	12.5	36.2	64.3	96.3	130.7	167.4	205.0	244.5	282.1	322.0
10°	0.0	12.6	36.6	65.1	97.5	131.8	168.8	207.2	246.7	284.8	325.3
7.5°	0.0	12.6	36.9	65.6	98.4	132.6	169.7	209.1	248.3	287.1	329.1
5°	0.0	12.5	37.1	66.1	99.0	133.0	170.3	210.4	249.1	288.9	332.2
2.5°	0.0	12.5	37.3	66.3	99.4	133.0	170.3	211.2	249.3	289.9	334.5
0°	0.0	12.4	37.3	66.4	99.5	132.7	170.0	211.5	248.8	290.3	335.9
-2.5°	0.0	12.5	37.3	66.3	99.4	133.0	170.3	211.2	249.3	289.9	334.5
-5°	0.0	12.5	37.1	66.1	99.0	133.0	170.3	210.4	249.1	288.9	332.2
-7.5°	0.0	12.6	36.9	65.6	98.4	132.6	169.7	209.1	248.3	287.1	329.1
-10°	0.0	12.6	36.6	65.1	97.5	131.8	168.8	207.2	246.7	284.8	325.3
-12.5°	0.0	12.5	36.2	64.3	96.3	130.7	167.4	205.0	244.5	282.1	322.0
-15°	0.0	12.5	35.7	63.4	94.9	129.2	165.5	202.3	241.5	279.5	318.6
-17.5°	0.0	12.4	35.1	62.3	93.3	127.4	163.3	199.3	238.1	276.2	314.5
-20°	0.0	12.3	34.5	61.1	91.4	125.1	160.5	196.0	233.9	272.1	309.7

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	12.2	33.7	59.7	89.3	122.4	157.2	192.2	229.2	267.3	304.3
-25°	0.0	12.0	33.0	58.2	87.0	119.3	153.4	187.8	223.9	261.7	298.3
-27.5°	0.0	11.9	32.1	56.5	84.4	115.8	149.3	182.8	217.9	255.2	291.4
-30°	0.0	11.6	31.2	54.6	81.6	112.1	144.7	177.3	211.6	247.8	283.7
-32.5°	0.0	11.4	30.2	52.7	78.8	108.0	139.8	171.5	204.8	239.8	275.0
-35°	0.0	11.1	29.2	50.5	75.7	103.6	134.6	165.3	197.4	231.2	265.5
-37.5°	0.0	10.9	28.1	48.3	72.4	99.1	128.9	158.7	189.3	222.0	254.6
-40°	0.0	10.5	26.9	45.9	68.9	94.8	123.0	151.8	180.6	212.2	243.2
-42.5°	0.0	10.2	25.7	43.4	65.5	90.1	116.7	144.4	171.9	201.7	231.4
-45°	0.0	9.8	24.4	40.9	62.1	85.3	110.1	136.7	163.1	190.9	219.4
-47.5°	0.0	9.4	23.1	38.2	58.5	80.2	103.1	128.6	153.8	179.7	207.0
-50°	0.0	9.0	21.8	36.0	54.8	74.9	96.7	120.2	144.2	168.8	194.2
-52.5°	0.0	8.6	20.4	34.0	51.0	69.4	90.0	111.5	134.2	157.3	181.3
-55°	0.0	8.1	19.0	31.8	47.0	64.3	83.2	102.6	123.6	145.4	167.8
-57.5°	0.0	7.6	17.5	29.5	42.9	59.1	76.1	94.3	112.7	132.9	153.7
-60°	0.0	7.1	16.0	27.2	38.7	53.9	69.0	85.7	101.7	119.9	139.1
-62.5°	0.0	6.6	14.9	24.8	35.4	48.4	62.4	76.9	91.6	106.5	124.0
-65°	0.0	6.0	13.7	22.3	31.9	42.9	55.8	68.2	81.3	94.5	108.4
-67.5°	0.0	5.5	12.4	19.7	28.4	37.7	49.0	60.2	70.8	82.7	94.5
-70°	0.0	4.9	11.2	17.1	24.8	33.0	42.0	52.0	61.4	70.8	81.3
-72.5°	0.0	4.3	9.9	14.9	21.1	28.2	35.9	43.7	52.0	60.2	68.2
-75°	0.0	3.7	8.5	12.9	17.3	23.3	29.8	36.2	42.4	49.4	56.3
-77.5°	0.0	3.1	7.1	10.7	14.3	18.4	23.6	28.9	34.0	39.0	44.4
-80°	0.0	2.5	5.7	8.6	11.5	14.3	17.4	21.5	25.6	29.7	33.6
-82.5°	0.0	1.9	4.3	6.5	8.6	10.7	12.9	14.9	17.2	20.2	23.2
-85°	0.0	1.3	2.9	4.3	5.8	7.2	8.6	10.0	11.3	12.7	14.0
-87.5°	0.0	0.6	1.4	2.2	2.9	3.6	4.3	5.0	5.7	6.4	7.0
-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°	7.7	8.3	8.9	9.5	10.1	10.7	11.2	11.7	12.2	12.7	13.2
85°	15.3	16.6	18.4	20.2	21.8	23.1	24.2	25.2	26.9	28.7	30.5
82.5°	26.1	29.0	31.8	34.5	36.3	37.8	39.2	41.3	45.0	48.5	51.7
80°	37.5	41.3	45.6	49.8	53.4	57.0	60.7	64.6	68.6	72.4	76.1
77.5°	50.0	55.6	61.0	66.2	71.4	77.1	82.6	87.8	92.8	97.6	102.2
75°	63.1	69.8	77.1	84.3	91.3	98.1	104.7	111.8	118.6	125.1	131.3
72.5°	76.9	85.7	94.4	102.8	111.9	120.8	129.4	137.7	145.7	154.2	163.1
70°	91.6	101.7	112.9	123.7	133.8	144.4	155.0	164.2	172.9	184.5	196.5
67.5°	106.6	120.3	133.0	145.1	158.6	171.1	182.0	193.6	206.0	219.5	231.3
65°	124.4	139.2	154.0	169.3	184.9	198.0	211.6	226.0	240.0	253.4	266.2
62.5°	142.0	158.7	175.6	192.4	208.4	224.1	240.4	256.5	271.9	287.6	301.3
60°	158.8	177.8	195.7	213.2	231.5	250.8	269.0	286.8	305.3	323.0	332.2
57.5°	175.1	195.4	214.2	233.8	255.2	277.1	296.2	316.3	332.2	344.4	356.4
55°	190.5	211.6	232.1	254.2	277.4	300.2	321.5	339.4	354.1	365.3	378.0
52.5°	204.9	227.1	249.5	273.6	298.2	322.5	344.8	361.6	374.7	386.3	398.2
50°	219.0	242.4	265.9	292.4	318.8	344.7	366.4	381.8	394.3	406.1	418.3
47.5°	232.9	257.4	282.8	311.0	339.6	364.6	385.1	399.2	411.8	425.7	439.0
45°	246.5	273.0	300.0	330.2	358.9	383.0	400.5	414.6	430.1	445.1	459.4
42.5°	259.8	288.4	317.6	348.9	376.7	398.4	414.7	431.4	448.2	464.1	480.2
40°	273.2	303.2	334.1	365.3	393.2	411.9	429.3	447.3	465.7	483.0	500.9
37.5°	286.0	317.1	348.9	380.4	405.8	424.8	442.8	462.6	482.1	500.9	524.3
35°	298.2	329.7	361.8	392.3	416.8	436.5	456.6	477.4	497.8	522.2	548.9
32.5°	309.1	341.0	373.6	402.0	426.0	447.2	469.7	491.5	516.0	543.7	575.6
30°	318.3	351.0	383.7	411.4	434.9	457.3	481.7	505.7	534.4	567.7	605.6
27.5°	326.4	359.9	391.7	419.5	443.3	465.6	491.3	521.6	554.6	591.8	636.4
25°	333.9	368.9	399.3	426.8	450.0	473.3	500.9	534.4	574.0	618.9	673.5
22.5°	341.1	377.6	406.9	433.8	455.3	480.5	511.5	548.0	591.0	643.6	710.1
20°	347.9	384.0	413.1	439.3	459.3	486.7	520.9	559.8	608.7	671.4	748.4
17.5°	354.1	389.6	417.9	442.5	464.4	493.3	529.1	569.5	624.0	696.8	783.6
15°	359.8	394.2	421.7	445.2	469.1	500.3	537.7	581.4	641.1	720.9	814.7
12.5°	364.9	398.0	424.7	447.2	472.8	505.9	545.4	593.9	659.4	744.6	854.2
10°	369.2	400.8	426.8	448.7	475.5	510.3	551.8	604.0	674.0	762.9	884.6
7.5°	372.8	403.1	428.2	449.4	477.3	513.3	556.7	611.8	684.1	776.0	906.5
5°	375.4	404.9	429.9	452.0	480.1	515.7	560.4	617.1	690.1	783.7	920.1
2.5°	376.9	406.0	431.0	454.4	483.1	517.8	563.1	622.8	695.0	791.3	930.6
0°	377.4	406.4	431.3	456.2	485.2	518.4	564.0	626.2	696.7	796.3	937.3
-2.5°	376.9	406.0	431.0	454.4	483.1	517.8	563.1	622.8	695.0	791.3	930.6
-5°	375.4	404.9	429.9	452.0	480.1	515.7	560.4	617.1	690.1	783.7	920.1
-7.5°	372.8	403.1	428.2	449.4	477.3	513.3	556.7	611.8	684.1	776.0	906.5
-10°	369.2	400.8	426.8	448.7	475.5	510.3	551.8	604.0	674.0	762.9	884.6
-12.5°	364.9	398.0	424.7	447.2	472.8	505.9	545.4	593.9	659.4	744.6	854.2
-15°	359.8	394.2	421.7	445.2	469.1	500.3	537.7	581.4	641.1	720.9	814.7
-17.5°	354.1	389.6	417.9	442.5	464.4	493.3	529.1	569.5	624.0	696.8	783.6
-20°	347.9	384.0	413.1	439.3	459.3	486.7	520.9	559.8	608.7	671.4	748.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627339 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	341.1	377.6	406.9	433.8	455.3	480.5	511.5	548.0	591.0	643.6	710.1
-25°	333.9	368.9	399.3	426.8	450.0	473.3	500.9	534.4	574.0	618.9	673.5
-27.5°	326.4	359.9	391.7	419.5	443.3	465.6	491.3	521.6	554.6	591.8	636.4
-30°	318.3	351.0	383.7	411.4	434.9	457.3	481.7	505.7	534.4	567.7	605.6
-32.5°	309.1	341.0	373.6	402.0	426.0	447.2	469.7	491.5	516.0	543.7	575.6
-35°	298.2	329.7	361.8	392.3	416.8	436.5	456.6	477.4	497.8	522.2	548.9
-37.5°	286.0	317.1	348.9	380.4	405.8	424.8	442.8	462.6	482.1	500.9	524.3
-40°	273.2	303.2	334.1	365.3	393.2	411.9	429.3	447.3	465.7	483.0	500.9
-42.5°	259.8	288.4	317.6	348.9	376.7	398.4	414.7	431.4	448.2	464.1	480.2
-45°	246.5	273.0	300.0	330.2	358.9	383.0	400.5	414.6	430.1	445.1	459.4
-47.5°	232.9	257.4	282.8	311.0	339.6	364.6	385.1	399.2	411.8	425.7	439.0
-50°	219.0	242.4	265.9	292.4	318.8	344.7	366.4	381.8	394.3	406.1	418.3
-52.5°	204.9	227.1	249.5	273.6	298.2	322.5	344.8	361.6	374.7	386.3	398.2
-55°	190.5	211.6	232.1	254.2	277.4	300.2	321.5	339.4	354.1	365.3	378.0
-57.5°	175.1	195.4	214.2	233.8	255.2	277.1	296.2	316.3	332.2	344.4	356.4
-60°	158.8	177.8	195.7	213.2	231.5	250.8	269.0	286.8	305.3	323.0	332.2
-62.5°	142.0	158.7	175.6	192.4	208.4	224.1	240.4	256.5	271.9	287.6	301.3
-65°	124.4	139.2	154.0	169.3	184.9	198.0	211.6	226.0	240.0	253.4	266.2
-67.5°	106.6	120.3	133.0	145.1	158.6	171.1	182.0	193.6	206.0	219.5	231.3
-70°	91.6	101.7	112.9	123.7	133.8	144.4	155.0	164.2	172.9	184.5	196.5
-72.5°	76.9	85.7	94.4	102.8	111.9	120.8	129.4	137.7	145.7	154.2	163.1
-75°	63.1	69.8	77.1	84.3	91.3	98.1	104.7	111.8	118.6	125.1	131.3
-77.5°	50.0	55.6	61.0	66.2	71.4	77.1	82.6	87.8	92.8	97.6	102.2
-80°	37.5	41.3	45.6	49.8	53.4	57.0	60.7	64.6	68.6	72.4	76.1
-82.5°	26.1	29.0	31.8	34.5	36.3	37.8	39.2	41.3	45.0	48.5	51.7
-85°	15.3	16.6	18.4	20.2	21.8	23.1	24.2	25.2	26.9	28.7	30.5
-87.5°	7.7	8.3	8.9	9.5	10.1	10.7	11.2	11.7	12.2	12.7	13.2
-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: P627339 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	13.6	14.0	14.4	14.7	15.0	15.3	15.6	15.8	16.0	15.2	14.3
85°	32.4	33.7	34.8	35.9	36.8	37.7	38.5	39.2	39.8	39.3	38.7
82.5°	54.6	56.8	58.8	60.6	62.3	63.8	65.2	66.5	67.5	67.4	67.2
80°	79.5	83.1	86.6	90.2	93.6	95.7	97.3	98.4	99.2	99.6	99.6
77.5°	106.9	112.4	118.1	123.7	129.3	132.5	134.7	136.6	138.2	138.5	138.2
75°	137.1	144.2	152.1	158.9	164.8	168.5	171.0	173.2	174.9	175.4	175.2
72.5°	172.4	181.1	188.1	193.9	198.9	202.9	206.0	208.7	210.9	211.8	212.0
70°	207.0	215.7	222.4	228.2	233.2	237.2	241.0	244.2	246.9	248.9	250.4
67.5°	242.1	252.0	258.9	264.2	268.4	272.6	277.7	282.1	285.7	288.2	289.4
65°	278.1	288.4	295.0	300.8	305.9	311.3	317.0	321.1	323.8	325.4	326.5
62.5°	313.1	322.6	330.9	338.6	346.0	352.2	356.0	359.5	362.4	364.9	366.8
60°	343.0	355.2	364.5	371.9	379.1	386.1	390.8	394.6	397.5	399.7	401.0
57.5°	368.6	381.0	391.9	399.1	407.0	415.3	420.8	424.0	426.9	429.4	430.5
55°	391.0	402.4	412.5	422.3	431.1	438.7	444.5	448.7	452.3	455.1	456.1
52.5°	411.1	423.5	435.4	445.9	454.5	461.6	467.4	472.7	476.8	479.5	480.7
50°	432.2	445.6	458.3	469.7	478.6	486.7	493.9	500.1	506.1	510.8	514.2
47.5°	453.0	467.3	481.3	493.8	504.5	516.2	526.7	535.6	544.2	551.3	556.1
45°	474.0	490.4	505.7	521.9	536.4	551.7	565.9	578.1	590.7	600.2	606.6
42.5°	497.2	516.0	534.4	554.6	574.2	594.1	615.7	634.9	649.7	663.6	674.9
40°	522.2	543.7	567.7	592.4	621.4	647.7	676.6	701.5	723.9	747.7	766.5
37.5°	548.9	575.6	607.1	640.2	677.7	713.7	751.5	788.7	821.1	859.3	888.5
35°	578.3	614.0	652.8	697.5	744.2	795.8	847.5	907.3	958.7	1015.2	1064.5
32.5°	613.1	655.7	706.6	765.6	825.6	903.9	977.1	1072.2	1154.4	1244.2	1334.6
30°	648.9	704.6	770.4	844.6	940.0	1047.7	1167.7	1309.2	1455.0	1596.2	1766.4
27.5°	693.3	760.5	840.1	948.6	1089.0	1234.6	1440.9	1653.3	1921.4	2143.2	2455.9
25°	739.4	818.6	931.6	1079.2	1262.5	1515.0	1828.2	2167.6	2639.4	3053.8	3539.9
22.5°	789.6	896.5	1037.2	1219.3	1497.2	1884.9	2359.0	2998.0	3693.8	4432.6	5167.5
20°	842.0	971.2	1155.6	1419.6	1800.9	2326.0	3140.0	4126.4	5120.5	6339.4	7418.8
17.5°	902.5	1067.0	1294.2	1624.4	2133.3	2937.6	4066.8	5443.9	6986.1	8738.8	10294.9
15°	953.0	1149.1	1435.9	1897.8	2597.7	3630.6	5054.6	6949.1	9266.7	11620.5	14008.5
12.5°	1011.6	1238.5	1575.3	2126.0	3005.1	4377.7	6316.1	8714.1	11608.3	14873.2	18722.0
10°	1063.6	1326.2	1744.9	2426.6	3500.9	5156.9	7509.5	10394.4	14129.4	18826.8	24787.0
7.5°	1102.1	1396.0	1875.8	2655.3	3929.5	5906.1	8637.0	12234.4	16980.4	23183.3	31363.2
5°	1127.1	1446.5	1968.4	2831.8	4265.0	6463.7	9463.3	13539.4	19265.2	28038.1	41889.7
2.5°	1142.1	1476.4	2021.3	2935.3	4469.0	6833.1	10092.0	14526.3	20745.9	31038.4	48660.3
0°	1148.8	1484.7	2052.9	2990.2	4537.2	6975.8	10380.7	14975.9	21408.4	31739.4	49850.7
-2.5°	1142.1	1476.4	2021.3	2935.3	4469.0	6833.1	10092.0	14526.3	20745.9	31038.4	48660.3
-5°	1127.1	1446.5	1968.4	2831.8	4265.0	6463.7	9463.3	13539.4	19265.2	28038.1	41889.7
-7.5°	1102.1	1396.0	1875.8	2655.3	3929.5	5906.1	8637.0	12234.4	16980.4	23183.3	31363.2
-10°	1063.6	1326.2	1744.9	2426.6	3500.9	5156.9	7509.5	10394.4	14129.4	18826.8	24787.0
-12.5°	1011.6	1238.5	1575.3	2126.0	3005.1	4377.7	6316.1	8714.1	11608.3	14873.2	18722.0
-15°	953.0	1149.1	1435.9	1897.8	2597.7	3630.6	5054.6	6949.1	9266.7	11620.5	14008.5
-17.5°	902.5	1067.0	1294.2	1624.4	2133.3	2937.6	4066.8	5443.9	6986.1	8738.8	10294.9
-20°	842.0	971.2	1155.6	1419.6	1800.9	2326.0	3140.0	4126.4	5120.5	6339.4	7418.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627339 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	789.6	896.5	1037.2	1219.3	1497.2	1884.9	2359.0	2998.0	3693.8	4432.6	5167.5
-25°	739.4	818.6	931.6	1079.2	1262.5	1515.0	1828.2	2167.6	2639.4	3053.8	3539.9
-27.5°	693.3	760.5	840.1	948.6	1089.0	1234.6	1440.9	1653.3	1921.4	2143.2	2455.9
-30°	648.9	704.6	770.4	844.6	940.0	1047.7	1167.7	1309.2	1455.0	1596.2	1766.4
-32.5°	613.1	655.7	706.6	765.6	825.6	903.9	977.1	1072.2	1154.4	1244.2	1334.6
-35°	578.3	614.0	652.8	697.5	744.2	795.8	847.5	907.3	958.7	1015.2	1064.5
-37.5°	548.9	575.6	607.1	640.2	677.7	713.7	751.5	788.7	821.1	859.3	888.5
-40°	522.2	543.7	567.7	592.4	621.4	647.7	676.6	701.5	723.9	747.7	766.5
-42.5°	497.2	516.0	534.4	554.6	574.2	594.1	615.7	634.9	649.7	663.6	674.9
-45°	474.0	490.4	505.7	521.9	536.4	551.7	565.9	578.1	590.7	600.2	606.6
-47.5°	453.0	467.3	481.3	493.8	504.5	516.2	526.7	535.6	544.2	551.3	556.1
-50°	432.2	445.6	458.3	469.7	478.6	486.7	493.9	500.1	506.1	510.8	514.2
-52.5°	411.1	423.5	435.4	445.9	454.5	461.6	467.4	472.7	476.8	479.5	480.7
-55°	391.0	402.4	412.5	422.3	431.1	438.7	444.5	448.7	452.3	455.1	456.1
-57.5°	368.6	381.0	391.9	399.1	407.0	415.3	420.8	424.0	426.9	429.4	430.5
-60°	343.0	355.2	364.5	371.9	379.1	386.1	390.8	394.6	397.5	399.7	401.0
-62.5°	313.1	322.6	330.9	338.6	346.0	352.2	356.0	359.5	362.4	364.9	366.8
-65°	278.1	288.4	295.0	300.8	305.9	311.3	317.0	321.1	323.8	325.4	326.5
-67.5°	242.1	252.0	258.9	264.2	268.4	272.6	277.7	282.1	285.7	288.2	289.4
-70°	207.0	215.7	222.4	228.2	233.2	237.2	241.0	244.2	246.9	248.9	250.4
-72.5°	172.4	181.1	188.1	193.9	198.9	202.9	206.0	208.7	210.9	211.8	212.0
-75°	137.1	144.2	152.1	158.9	164.8	168.5	171.0	173.2	174.9	175.4	175.2
-77.5°	106.9	112.4	118.1	123.7	129.3	132.5	134.7	136.6	138.2	138.5	138.2
-80°	79.5	83.1	86.6	90.2	93.6	95.7	97.3	98.4	99.2	99.6	99.6
-82.5°	54.6	56.8	58.8	60.6	62.3	63.8	65.2	66.5	67.5	67.4	67.2
-85°	32.4	33.7	34.8	35.9	36.8	37.7	38.5	39.2	39.8	39.3	38.7
-87.5°	13.6	14.0	14.4	14.7	15.0	15.3	15.6	15.8	16.0	15.2	14.3
-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: P627339 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	13.3	12.4	12.4	12.4	12.4	12.4	13.3	14.3	15.2	16.0	15.8
85°	37.9	37.1	37.3	37.3	37.3	37.1	37.9	38.7	39.3	39.8	39.2
82.5°	66.7	66.1	66.3	66.4	66.3	66.1	66.7	67.2	67.4	67.5	66.5
80°	99.5	99.0	97.4	95.4	97.4	99.0	99.5	99.6	99.6	99.2	98.4
77.5°	137.5	136.3	134.7	132.7	134.7	136.3	137.5	138.2	138.5	138.2	136.6
75°	174.5	173.5	174.0	174.2	174.0	173.5	174.5	175.2	175.4	174.9	173.2
72.5°	211.6	210.7	211.2	211.5	211.2	210.7	211.6	212.0	211.8	210.9	208.7
70°	251.3	251.8	250.7	248.8	250.7	251.8	251.3	250.4	248.9	246.9	244.2
67.5°	289.7	289.3	288.1	286.2	288.1	289.3	289.7	289.4	288.2	285.7	282.1
65°	326.9	326.5	327.2	327.6	327.2	326.5	326.9	326.5	325.4	323.8	321.1
62.5°	367.7	367.7	366.9	365.0	366.9	367.7	367.7	366.8	364.9	362.4	359.5
60°	401.6	401.3	400.1	398.1	400.1	401.3	401.6	401.0	399.7	397.5	394.6
57.5°	430.9	430.5	429.2	427.2	429.2	430.5	430.9	430.5	429.4	426.9	424.0
55°	456.2	455.6	454.2	452.1	454.2	455.6	456.2	456.1	455.1	452.3	448.7
52.5°	481.0	480.5	480.7	481.1	480.7	480.5	481.0	480.7	479.5	476.8	472.7
50°	516.2	516.9	516.3	514.3	516.3	516.9	516.2	514.2	510.8	506.1	500.1
47.5°	558.4	558.7	557.7	555.7	557.7	558.7	558.4	556.1	551.3	544.2	535.6
45°	611.6	614.6	615.4	613.8	615.4	614.6	611.6	606.6	600.2	590.7	578.1
42.5°	683.6	688.4	689.8	688.5	689.8	688.4	683.6	674.9	663.6	649.7	634.9
40°	778.2	783.6	784.6	783.8	784.6	783.6	778.2	766.5	747.7	723.9	701.5
37.5°	909.0	922.1	928.2	929.0	928.2	922.1	909.0	888.5	859.3	821.1	788.7
35°	1102.1	1128.1	1142.1	1148.8	1142.1	1128.1	1102.1	1064.5	1015.2	958.7	907.3
32.5°	1403.1	1455.2	1484.1	1480.6	1484.1	1455.2	1403.1	1334.6	1244.2	1154.4	1072.2
30°	1894.8	1986.0	2031.9	2019.7	2031.9	1986.0	1894.8	1766.4	1596.2	1455.0	1309.2
27.5°	2680.4	2845.3	2940.6	2928.0	2940.6	2845.3	2680.4	2455.9	2143.2	1921.4	1653.3
25°	3946.3	4247.1	4439.7	4392.0	4439.7	4247.1	3946.3	3539.9	3053.8	2639.4	2167.6
22.5°	5871.9	6381.5	6718.8	6677.2	6718.8	6381.5	5871.9	5167.5	4432.6	3693.8	2998.0
20°	8513.3	9289.0	9842.8	9916.2	9842.8	9289.0	8513.3	7418.8	6339.4	5120.5	4126.4
17.5°	11975.7	13205.6	14061.7	14204.5	14061.7	13205.6	11975.7	10294.9	8738.8	6986.1	5443.9
15°	16475.5	18485.7	19940.5	20060.6	19940.5	18485.7	16475.5	14008.5	11620.5	9266.7	6949.1
12.5°	22585.7	26628.7	29267.2	30428.8	29267.2	26628.7	22585.7	18722.0	14873.2	11608.3	8714.1
10°	31041.8	40328.2	46275.4	48511.1	46275.4	40328.2	31041.8	24787.0	18826.8	14129.4	10394.4
7.5°	45166.1	59745.9	75955.0	82863.4	75955.0	59745.9	45166.1	31363.2	23183.3	16980.4	12234.4
5°	61160.6	91419.7	120201.6	131440.8	120201.6	91419.7	61160.6	41889.7	28038.1	19265.2	13539.4
2.5°	77991.1	120167.8	159690.7	175147.2	159690.7	120167.8	77991.1	48660.3	31038.4	20745.9	14526.3
0°	84563.7	132755.5	176240.1	193571.7	176240.1	132755.5	84563.7	49850.7	31739.4	21408.4	14975.9
-2.5°	77991.1	120167.8	159690.7	175147.2	159690.7	120167.8	77991.1	48660.3	31038.4	20745.9	14526.3
-5°	61160.6	91419.7	120201.6	131440.8	120201.6	91419.7	61160.6	41889.7	28038.1	19265.2	13539.4
-7.5°	45166.1	59745.9	75955.0	82863.4	75955.0	59745.9	45166.1	31363.2	23183.3	16980.4	12234.4
-10°	31041.8	40328.2	46275.4	48511.1	46275.4	40328.2	31041.8	24787.0	18826.8	14129.4	10394.4
-12.5°	22585.7	26628.7	29267.2	30428.8	29267.2	26628.7	22585.7	18722.0	14873.2	11608.3	8714.1
-15°	16475.5	18485.7	19940.5	20060.6	19940.5	18485.7	16475.5	14008.5	11620.5	9266.7	6949.1
-17.5°	11975.7	13205.6	14061.7	14204.5	14061.7	13205.6	11975.7	10294.9	8738.8	6986.1	5443.9
-20°	8513.3	9289.0	9842.8	9916.2	9842.8	9289.0	8513.3	7418.8	6339.4	5120.5	4126.4

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Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P627339 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5871.9	6381.5	6718.8	6677.2	6718.8	6381.5	5871.9	5167.5	4432.6	3693.8	2998.0
-25°	3946.3	4247.1	4439.7	4392.0	4439.7	4247.1	3946.3	3539.9	3053.8	2639.4	2167.6
-27.5°	2680.4	2845.3	2940.6	2928.0	2940.6	2845.3	2680.4	2455.9	2143.2	1921.4	1653.3
-30°	1894.8	1986.0	2031.9	2019.7	2031.9	1986.0	1894.8	1766.4	1596.2	1455.0	1309.2
-32.5°	1403.1	1455.2	1484.1	1480.6	1484.1	1455.2	1403.1	1334.6	1244.2	1154.4	1072.2
-35°	1102.1	1128.1	1142.1	1148.8	1142.1	1128.1	1102.1	1064.5	1015.2	958.7	907.3
-37.5°	909.0	922.1	928.2	929.0	928.2	922.1	909.0	888.5	859.3	821.1	788.7
-40°	778.2	783.6	784.6	783.8	784.6	783.6	778.2	766.5	747.7	723.9	701.5
-42.5°	683.6	688.4	689.8	688.5	689.8	688.4	683.6	674.9	663.6	649.7	634.9
-45°	611.6	614.6	615.4	613.8	615.4	614.6	611.6	606.6	600.2	590.7	578.1
-47.5°	558.4	558.7	557.7	555.7	557.7	558.7	558.4	556.1	551.3	544.2	535.6
-50°	516.2	516.9	516.3	514.3	516.3	516.9	516.2	514.2	510.8	506.1	500.1
-52.5°	481.0	480.5	480.7	481.1	480.7	480.5	481.0	480.7	479.5	476.8	472.7
-55°	456.2	455.6	454.2	452.1	454.2	455.6	456.2	456.1	455.1	452.3	448.7
-57.5°	430.9	430.5	429.2	427.2	429.2	430.5	430.9	430.5	429.4	426.9	424.0
-60°	401.6	401.3	400.1	398.1	400.1	401.3	401.6	401.0	399.7	397.5	394.6
-62.5°	367.7	367.7	366.9	365.0	366.9	367.7	367.7	366.8	364.9	362.4	359.5
-65°	326.9	326.5	327.2	327.6	327.2	326.5	326.9	326.5	325.4	323.8	321.1
-67.5°	289.7	289.3	288.1	286.2	288.1	289.3	289.7	289.4	288.2	285.7	282.1
-70°	251.3	251.8	250.7	248.8	250.7	251.8	251.3	250.4	248.9	246.9	244.2
-72.5°	211.6	210.7	211.2	211.5	211.2	210.7	211.6	212.0	211.8	210.9	208.7
-75°	174.5	173.5	174.0	174.2	174.0	173.5	174.5	175.2	175.4	174.9	173.2
-77.5°	137.5	136.3	134.7	132.7	134.7	136.3	137.5	138.2	138.5	138.2	136.6
-80°	99.5	99.0	97.4	95.4	97.4	99.0	99.5	99.6	99.6	99.2	98.4
-82.5°	66.7	66.1	66.3	66.4	66.3	66.1	66.7	67.2	67.4	67.5	66.5
-85°	37.9	37.1	37.3	37.3	37.3	37.1	37.9	38.7	39.3	39.8	39.2
-87.5°	13.3	12.4	12.4	12.4	12.4	12.4	13.3	14.3	15.2	16.0	15.8
-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: P627339 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	15.6	15.3	15.0	14.7	14.4	14.0	13.6	13.2	12.7	12.2	11.7
85°	38.5	37.7	36.8	35.9	34.8	33.7	32.4	30.5	28.7	26.9	25.2
82.5°	65.2	63.8	62.3	60.6	58.8	56.8	54.6	51.7	48.5	45.0	41.3
80°	97.3	95.7	93.6	90.2	86.6	83.1	79.5	76.1	72.4	68.6	64.6
77.5°	134.7	132.5	129.3	123.7	118.1	112.4	106.9	102.2	97.6	92.8	87.8
75°	171.0	168.5	164.8	158.9	152.1	144.2	137.1	131.3	125.1	118.6	111.8
72.5°	206.0	202.9	198.9	193.9	188.1	181.1	172.4	163.1	154.2	145.7	137.7
70°	241.0	237.2	233.2	228.2	222.4	215.7	207.0	196.5	184.5	172.9	164.2
67.5°	277.7	272.6	268.4	264.2	258.9	252.0	242.1	231.3	219.5	206.0	193.6
65°	317.0	311.3	305.9	300.8	295.0	288.4	278.1	266.2	253.4	240.0	226.0
62.5°	356.0	352.2	346.0	338.6	330.9	322.6	313.1	301.3	287.6	271.9	256.5
60°	390.8	386.1	379.1	371.9	364.5	355.2	343.0	332.2	323.0	305.3	286.8
57.5°	420.8	415.3	407.0	399.1	391.9	381.0	368.6	356.4	344.4	332.2	316.3
55°	444.5	438.7	431.1	422.3	412.5	402.4	391.0	378.0	365.3	354.1	339.4
52.5°	467.4	461.6	454.5	445.9	435.4	423.5	411.1	398.2	386.3	374.7	361.6
50°	493.9	486.7	478.6	469.7	458.3	445.6	432.2	418.3	406.1	394.3	381.8
47.5°	526.7	516.2	504.5	493.8	481.3	467.3	453.0	439.0	425.7	411.8	399.2
45°	565.9	551.7	536.4	521.9	505.7	490.4	474.0	459.4	445.1	430.1	414.6
42.5°	615.7	594.1	574.2	554.6	534.4	516.0	497.2	480.2	464.1	448.2	431.4
40°	676.6	647.7	621.4	592.4	567.7	543.7	522.2	500.9	483.0	465.7	447.3
37.5°	751.5	713.7	677.7	640.2	607.1	575.6	548.9	524.3	500.9	482.1	462.6
35°	847.5	795.8	744.2	697.5	652.8	614.0	578.3	548.9	522.2	497.8	477.4
32.5°	977.1	903.9	825.6	765.6	706.6	655.7	613.1	575.6	543.7	516.0	491.5
30°	1167.7	1047.7	940.0	844.6	770.4	704.6	648.9	605.6	567.7	534.4	505.7
27.5°	1440.9	1234.6	1089.0	948.6	840.1	760.5	693.3	636.4	591.8	554.6	521.6
25°	1828.2	1515.0	1262.5	1079.2	931.6	818.6	739.4	673.5	618.9	574.0	534.4
22.5°	2359.0	1884.9	1497.2	1219.3	1037.2	896.5	789.6	710.1	643.6	591.0	548.0
20°	3140.0	2326.0	1800.9	1419.6	1155.6	971.2	842.0	748.4	671.4	608.7	559.8
17.5°	4066.8	2937.6	2133.3	1624.4	1294.2	1067.0	902.5	783.6	696.8	624.0	569.5
15°	5054.6	3630.6	2597.7	1897.8	1435.9	1149.1	953.0	814.7	720.9	641.1	581.4
12.5°	6316.1	4377.7	3005.1	2126.0	1575.3	1238.5	1011.6	854.2	744.6	659.4	593.9
10°	7509.5	5156.9	3500.9	2426.6	1744.9	1326.2	1063.6	884.6	762.9	674.0	604.0
7.5°	8637.0	5906.1	3929.5	2655.3	1875.8	1396.0	1102.1	906.5	776.0	684.1	611.8
5°	9463.3	6463.7	4265.0	2831.8	1968.4	1446.5	1127.1	920.1	783.7	690.1	617.1
2.5°	10092.0	6833.1	4469.0	2935.3	2021.3	1476.4	1142.1	930.6	791.3	695.0	622.8
0°	10380.7	6975.8	4537.2	2990.2	2052.9	1484.7	1148.8	937.3	796.3	696.7	626.2
-2.5°	10092.0	6833.1	4469.0	2935.3	2021.3	1476.4	1142.1	930.6	791.3	695.0	622.8
-5°	9463.3	6463.7	4265.0	2831.8	1968.4	1446.5	1127.1	920.1	783.7	690.1	617.1
-7.5°	8637.0	5906.1	3929.5	2655.3	1875.8	1396.0	1102.1	906.5	776.0	684.1	611.8
-10°	7509.5	5156.9	3500.9	2426.6	1744.9	1326.2	1063.6	884.6	762.9	674.0	604.0
-12.5°	6316.1	4377.7	3005.1	2126.0	1575.3	1238.5	1011.6	854.2	744.6	659.4	593.9
-15°	5054.6	3630.6	2597.7	1897.8	1435.9	1149.1	953.0	814.7	720.9	641.1	581.4
-17.5°	4066.8	2937.6	2133.3	1624.4	1294.2	1067.0	902.5	783.6	696.8	624.0	569.5
-20°	3140.0	2326.0	1800.9	1419.6	1155.6	971.2	842.0	748.4	671.4	608.7	559.8

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REPORT NUMBER: P627339 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2359.0	1884.9	1497.2	1219.3	1037.2	896.5	789.6	710.1	643.6	591.0	548.0
-25°	1828.2	1515.0	1262.5	1079.2	931.6	818.6	739.4	673.5	618.9	574.0	534.4
-27.5°	1440.9	1234.6	1089.0	948.6	840.1	760.5	693.3	636.4	591.8	554.6	521.6
-30°	1167.7	1047.7	940.0	844.6	770.4	704.6	648.9	605.6	567.7	534.4	505.7
-32.5°	977.1	903.9	825.6	765.6	706.6	655.7	613.1	575.6	543.7	516.0	491.5
-35°	847.5	795.8	744.2	697.5	652.8	614.0	578.3	548.9	522.2	497.8	477.4
-37.5°	751.5	713.7	677.7	640.2	607.1	575.6	548.9	524.3	500.9	482.1	462.6
-40°	676.6	647.7	621.4	592.4	567.7	543.7	522.2	500.9	483.0	465.7	447.3
-42.5°	615.7	594.1	574.2	554.6	534.4	516.0	497.2	480.2	464.1	448.2	431.4
-45°	565.9	551.7	536.4	521.9	505.7	490.4	474.0	459.4	445.1	430.1	414.6
-47.5°	526.7	516.2	504.5	493.8	481.3	467.3	453.0	439.0	425.7	411.8	399.2
-50°	493.9	486.7	478.6	469.7	458.3	445.6	432.2	418.3	406.1	394.3	381.8
-52.5°	467.4	461.6	454.5	445.9	435.4	423.5	411.1	398.2	386.3	374.7	361.6
-55°	444.5	438.7	431.1	422.3	412.5	402.4	391.0	378.0	365.3	354.1	339.4
-57.5°	420.8	415.3	407.0	399.1	391.9	381.0	368.6	356.4	344.4	332.2	316.3
-60°	390.8	386.1	379.1	371.9	364.5	355.2	343.0	332.2	323.0	305.3	286.8
-62.5°	356.0	352.2	346.0	338.6	330.9	322.6	313.1	301.3	287.6	271.9	256.5
-65°	317.0	311.3	305.9	300.8	295.0	288.4	278.1	266.2	253.4	240.0	226.0
-67.5°	277.7	272.6	268.4	264.2	258.9	252.0	242.1	231.3	219.5	206.0	193.6
-70°	241.0	237.2	233.2	228.2	222.4	215.7	207.0	196.5	184.5	172.9	164.2
-72.5°	206.0	202.9	198.9	193.9	188.1	181.1	172.4	163.1	154.2	145.7	137.7
-75°	171.0	168.5	164.8	158.9	152.1	144.2	137.1	131.3	125.1	118.6	111.8
-77.5°	134.7	132.5	129.3	123.7	118.1	112.4	106.9	102.2	97.6	92.8	87.8
-80°	97.3	95.7	93.6	90.2	86.6	83.1	79.5	76.1	72.4	68.6	64.6
-82.5°	65.2	63.8	62.3	60.6	58.8	56.8	54.6	51.7	48.5	45.0	41.3
-85°	38.5	37.7	36.8	35.9	34.8	33.7	32.4	30.5	28.7	26.9	25.2
-87.5°	15.6	15.3	15.0	14.7	14.4	14.0	13.6	13.2	12.7	12.2	11.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627339 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	11.2	10.7	10.1	9.5	8.9	8.3	7.7	7.0	6.4	5.7	5.0
85°	24.2	23.1	21.8	20.2	18.4	16.6	15.3	14.0	12.7	11.3	10.0
82.5°	39.2	37.8	36.3	34.5	31.8	29.0	26.1	23.2	20.2	17.2	14.9
80°	60.7	57.0	53.4	49.8	45.6	41.3	37.5	33.6	29.7	25.6	21.5
77.5°	82.6	77.1	71.4	66.2	61.0	55.6	50.0	44.4	39.0	34.0	28.9
75°	104.7	98.1	91.3	84.3	77.1	69.8	63.1	56.3	49.4	42.4	36.2
72.5°	129.4	120.8	111.9	102.8	94.4	85.7	76.9	68.2	60.2	52.0	43.7
70°	155.0	144.4	133.8	123.7	112.9	101.7	91.6	81.3	70.8	61.4	52.0
67.5°	182.0	171.1	158.6	145.1	133.0	120.3	106.6	94.5	82.7	70.8	60.2
65°	211.6	198.0	184.9	169.3	154.0	139.2	124.4	108.4	94.5	81.3	68.2
62.5°	240.4	224.1	208.4	192.4	175.6	158.7	142.0	124.0	106.5	91.6	76.9
60°	269.0	250.8	231.5	213.2	195.7	177.8	158.8	139.1	119.9	101.7	85.7
57.5°	296.2	277.1	255.2	233.8	214.2	195.4	175.1	153.7	132.9	112.7	94.3
55°	321.5	300.2	277.4	254.2	232.1	211.6	190.5	167.8	145.4	123.6	102.6
52.5°	344.8	322.5	298.2	273.6	249.5	227.1	204.9	181.3	157.3	134.2	111.5
50°	366.4	344.7	318.8	292.4	265.9	242.4	219.0	194.2	168.8	144.2	120.2
47.5°	385.1	364.6	339.6	311.0	282.8	257.4	232.9	207.0	179.7	153.8	128.6
45°	400.5	383.0	358.9	330.2	300.0	273.0	246.5	219.4	190.9	163.1	136.7
42.5°	414.7	398.4	376.7	348.9	317.6	288.4	259.8	231.4	201.7	171.9	144.4
40°	429.3	411.9	393.2	365.3	334.1	303.2	273.2	243.2	212.2	180.6	151.8
37.5°	442.8	424.8	405.8	380.4	348.9	317.1	286.0	254.6	222.0	189.3	158.7
35°	456.6	436.5	416.8	392.3	361.8	329.7	298.2	265.5	231.2	197.4	165.3
32.5°	469.7	447.2	426.0	402.0	373.6	341.0	309.1	275.0	239.8	204.8	171.5
30°	481.7	457.3	434.9	411.4	383.7	351.0	318.3	283.7	247.8	211.6	177.3
27.5°	491.3	465.6	443.3	419.5	391.7	359.9	326.4	291.4	255.2	217.9	182.8
25°	500.9	473.3	450.0	426.8	399.3	368.9	333.9	298.3	261.7	223.9	187.8
22.5°	511.5	480.5	455.3	433.8	406.9	377.6	341.1	304.3	267.3	229.2	192.2
20°	520.9	486.7	459.3	439.3	413.1	384.0	347.9	309.7	272.1	233.9	196.0
17.5°	529.1	493.3	464.4	442.5	417.9	389.6	354.1	314.5	276.2	238.1	199.3
15°	537.7	500.3	469.1	445.2	421.7	394.2	359.8	318.6	279.5	241.5	202.3
12.5°	545.4	505.9	472.8	447.2	424.7	398.0	364.9	322.0	282.1	244.5	205.0
10°	551.8	510.3	475.5	448.7	426.8	400.8	369.2	325.3	284.8	246.7	207.2
7.5°	556.7	513.3	477.3	449.4	428.2	403.1	372.8	329.1	287.1	248.3	209.1
5°	560.4	515.7	480.1	452.0	429.9	404.9	375.4	332.2	288.9	249.1	210.4
2.5°	563.1	517.8	483.1	454.4	431.0	406.0	376.9	334.5	289.9	249.3	211.2
0°	564.0	518.4	485.2	456.2	431.3	406.4	377.4	335.9	290.3	248.8	211.5
-2.5°	563.1	517.8	483.1	454.4	431.0	406.0	376.9	334.5	289.9	249.3	211.2
-5°	560.4	515.7	480.1	452.0	429.9	404.9	375.4	332.2	288.9	249.1	210.4
-7.5°	556.7	513.3	477.3	449.4	428.2	403.1	372.8	329.1	287.1	248.3	209.1
-10°	551.8	510.3	475.5	448.7	426.8	400.8	369.2	325.3	284.8	246.7	207.2
-12.5°	545.4	505.9	472.8	447.2	424.7	398.0	364.9	322.0	282.1	244.5	205.0
-15°	537.7	500.3	469.1	445.2	421.7	394.2	359.8	318.6	279.5	241.5	202.3
-17.5°	529.1	493.3	464.4	442.5	417.9	389.6	354.1	314.5	276.2	238.1	199.3
-20°	520.9	486.7	459.3	439.3	413.1	384.0	347.9	309.7	272.1	233.9	196.0



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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°	511.5	480.5	455.3	433.8	406.9	377.6	341.1	304.3	267.3	229.2	192.2
-25°	500.9	473.3	450.0	426.8	399.3	368.9	333.9	298.3	261.7	223.9	187.8
-27.5°	491.3	465.6	443.3	419.5	391.7	359.9	326.4	291.4	255.2	217.9	182.8
-30°	481.7	457.3	434.9	411.4	383.7	351.0	318.3	283.7	247.8	211.6	177.3
-32.5°	469.7	447.2	426.0	402.0	373.6	341.0	309.1	275.0	239.8	204.8	171.5
-35°	456.6	436.5	416.8	392.3	361.8	329.7	298.2	265.5	231.2	197.4	165.3
-37.5°	442.8	424.8	405.8	380.4	348.9	317.1	286.0	254.6	222.0	189.3	158.7
-40°	429.3	411.9	393.2	365.3	334.1	303.2	273.2	243.2	212.2	180.6	151.8
-42.5°	414.7	398.4	376.7	348.9	317.6	288.4	259.8	231.4	201.7	171.9	144.4
-45°	400.5	383.0	358.9	330.2	300.0	273.0	246.5	219.4	190.9	163.1	136.7
-47.5°	385.1	364.6	339.6	311.0	282.8	257.4	232.9	207.0	179.7	153.8	128.6
-50°	366.4	344.7	318.8	292.4	265.9	242.4	219.0	194.2	168.8	144.2	120.2
-52.5°	344.8	322.5	298.2	273.6	249.5	227.1	204.9	181.3	157.3	134.2	111.5
-55°	321.5	300.2	277.4	254.2	232.1	211.6	190.5	167.8	145.4	123.6	102.6
-57.5°	296.2	277.1	255.2	233.8	214.2	195.4	175.1	153.7	132.9	112.7	94.3
-60°	269.0	250.8	231.5	213.2	195.7	177.8	158.8	139.1	119.9	101.7	85.7
-62.5°	240.4	224.1	208.4	192.4	175.6	158.7	142.0	124.0	106.5	91.6	76.9
-65°	211.6	198.0	184.9	169.3	154.0	139.2	124.4	108.4	94.5	81.3	68.2
-67.5°	182.0	171.1	158.6	145.1	133.0	120.3	106.6	94.5	82.7	70.8	60.2
-70°	155.0	144.4	133.8	123.7	112.9	101.7	91.6	81.3	70.8	61.4	52.0
-72.5°	129.4	120.8	111.9	102.8	94.4	85.7	76.9	68.2	60.2	52.0	43.7
-75°	104.7	98.1	91.3	84.3	77.1	69.8	63.1	56.3	49.4	42.4	36.2
-77.5°	82.6	77.1	71.4	66.2	61.0	55.6	50.0	44.4	39.0	34.0	28.9
-80°	60.7	57.0	53.4	49.8	45.6	41.3	37.5	33.6	29.7	25.6	21.5
-82.5°	39.2	37.8	36.3	34.5	31.8	29.0	26.1	23.2	20.2	17.2	14.9
-85°	24.2	23.1	21.8	20.2	18.4	16.6	15.3	14.0	12.7	11.3	10.0
-87.5°	11.2	10.7	10.1	9.5	8.9	8.3	7.7	7.0	6.4	5.7	5.0
-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°	4.3	3.6	2.9	2.2	1.4	0.6	0.0
85°	8.6	7.2	5.8	4.3	2.9	1.3	0.0
82.5°	12.9	10.7	8.6	6.5	4.3	1.9	0.0
80°	17.4	14.3	11.5	8.6	5.7	2.5	0.0
77.5°	23.6	18.4	14.3	10.7	7.1	3.1	0.0
75°	29.8	23.3	17.3	12.9	8.5	3.7	0.0
72.5°	35.9	28.2	21.1	14.9	9.9	4.3	0.0
70°	42.0	33.0	24.8	17.1	11.2	4.9	0.0
67.5°	49.0	37.7	28.4	19.7	12.4	5.5	0.0
65°	55.8	42.9	31.9	22.3	13.7	6.0	0.0
62.5°	62.4	48.4	35.4	24.8	14.9	6.6	0.0
60°	69.0	53.9	38.7	27.2	16.0	7.1	0.0
57.5°	76.1	59.1	42.9	29.5	17.5	7.6	0.0
55°	83.2	64.3	47.0	31.8	19.0	8.1	0.0
52.5°	90.0	69.4	51.0	34.0	20.4	8.6	0.0
50°	96.7	74.9	54.8	36.0	21.8	9.0	0.0
47.5°	103.1	80.2	58.5	38.2	23.1	9.4	0.0
45°	110.1	85.3	62.1	40.9	24.4	9.8	0.0
42.5°	116.7	90.1	65.5	43.4	25.7	10.2	0.0
40°	123.0	94.8	68.9	45.9	26.9	10.5	0.0
37.5°	128.9	99.1	72.4	48.3	28.1	10.9	0.0
35°	134.6	103.6	75.7	50.5	29.2	11.1	0.0
32.5°	139.8	108.0	78.8	52.7	30.2	11.4	0.0
30°	144.7	112.1	81.6	54.6	31.2	11.6	0.0
27.5°	149.3	115.8	84.4	56.5	32.1	11.9	0.0
25°	153.4	119.3	87.0	58.2	33.0	12.0	0.0
22.5°	157.2	122.4	89.3	59.7	33.7	12.2	0.0
20°	160.5	125.1	91.4	61.1	34.5	12.3	0.0
17.5°	163.3	127.4	93.3	62.3	35.1	12.4	0.0
15°	165.5	129.2	94.9	63.4	35.7	12.5	0.0
12.5°	167.4	130.7	96.3	64.3	36.2	12.5	0.0
10°	168.8	131.8	97.5	65.1	36.6	12.6	0.0
7.5°	169.7	132.6	98.4	65.6	36.9	12.6	0.0
5°	170.3	133.0	99.0	66.1	37.1	12.5	0.0
2.5°	170.3	133.0	99.4	66.3	37.3	12.5	0.0
0°	170.0	132.7	99.5	66.4	37.3	12.4	0.0
-2.5°	170.3	133.0	99.4	66.3	37.3	12.5	0.0
-5°	170.3	133.0	99.0	66.1	37.1	12.5	0.0
-7.5°	169.7	132.6	98.4	65.6	36.9	12.6	0.0
-10°	168.8	131.8	97.5	65.1	36.6	12.6	0.0
-12.5°	167.4	130.7	96.3	64.3	36.2	12.5	0.0
-15°	165.5	129.2	94.9	63.4	35.7	12.5	0.0
-17.5°	163.3	127.4	93.3	62.3	35.1	12.4	0.0
-20°	160.5	125.1	91.4	61.1	34.5	12.3	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	157.2	122.4	89.3	59.7	33.7	12.2	0.0
-25°	153.4	119.3	87.0	58.2	33.0	12.0	0.0
-27.5°	149.3	115.8	84.4	56.5	32.1	11.9	0.0
-30°	144.7	112.1	81.6	54.6	31.2	11.6	0.0
-32.5°	139.8	108.0	78.8	52.7	30.2	11.4	0.0
-35°	134.6	103.6	75.7	50.5	29.2	11.1	0.0
-37.5°	128.9	99.1	72.4	48.3	28.1	10.9	0.0
-40°	123.0	94.8	68.9	45.9	26.9	10.5	0.0
-42.5°	116.7	90.1	65.5	43.4	25.7	10.2	0.0
-45°	110.1	85.3	62.1	40.9	24.4	9.8	0.0
-47.5°	103.1	80.2	58.5	38.2	23.1	9.4	0.0
-50°	96.7	74.9	54.8	36.0	21.8	9.0	0.0
-52.5°	90.0	69.4	51.0	34.0	20.4	8.6	0.0
-55°	83.2	64.3	47.0	31.8	19.0	8.1	0.0
-57.5°	76.1	59.1	42.9	29.5	17.5	7.6	0.0
-60°	69.0	53.9	38.7	27.2	16.0	7.1	0.0
-62.5°	62.4	48.4	35.4	24.8	14.9	6.6	0.0
-65°	55.8	42.9	31.9	22.3	13.7	6.0	0.0
-67.5°	49.0	37.7	28.4	19.7	12.4	5.5	0.0
-70°	42.0	33.0	24.8	17.1	11.2	4.9	0.0
-72.5°	35.9	28.2	21.1	14.9	9.9	4.3	0.0
-75°	29.8	23.3	17.3	12.9	8.5	3.7	0.0
-77.5°	23.6	18.4	14.3	10.7	7.1	3.1	0.0
-80°	17.4	14.3	11.5	8.6	5.7	2.5	0.0
-82.5°	12.9	10.7	8.6	6.5	4.3	1.9	0.0
-85°	8.6	7.2	5.8	4.3	2.9	1.3	0.0
-87.5°	4.3	3.6	2.9	2.2	1.4	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)