

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: P627549 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-722-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627549 (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-SA5B-722-U-NR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N105
Light Source: (80) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

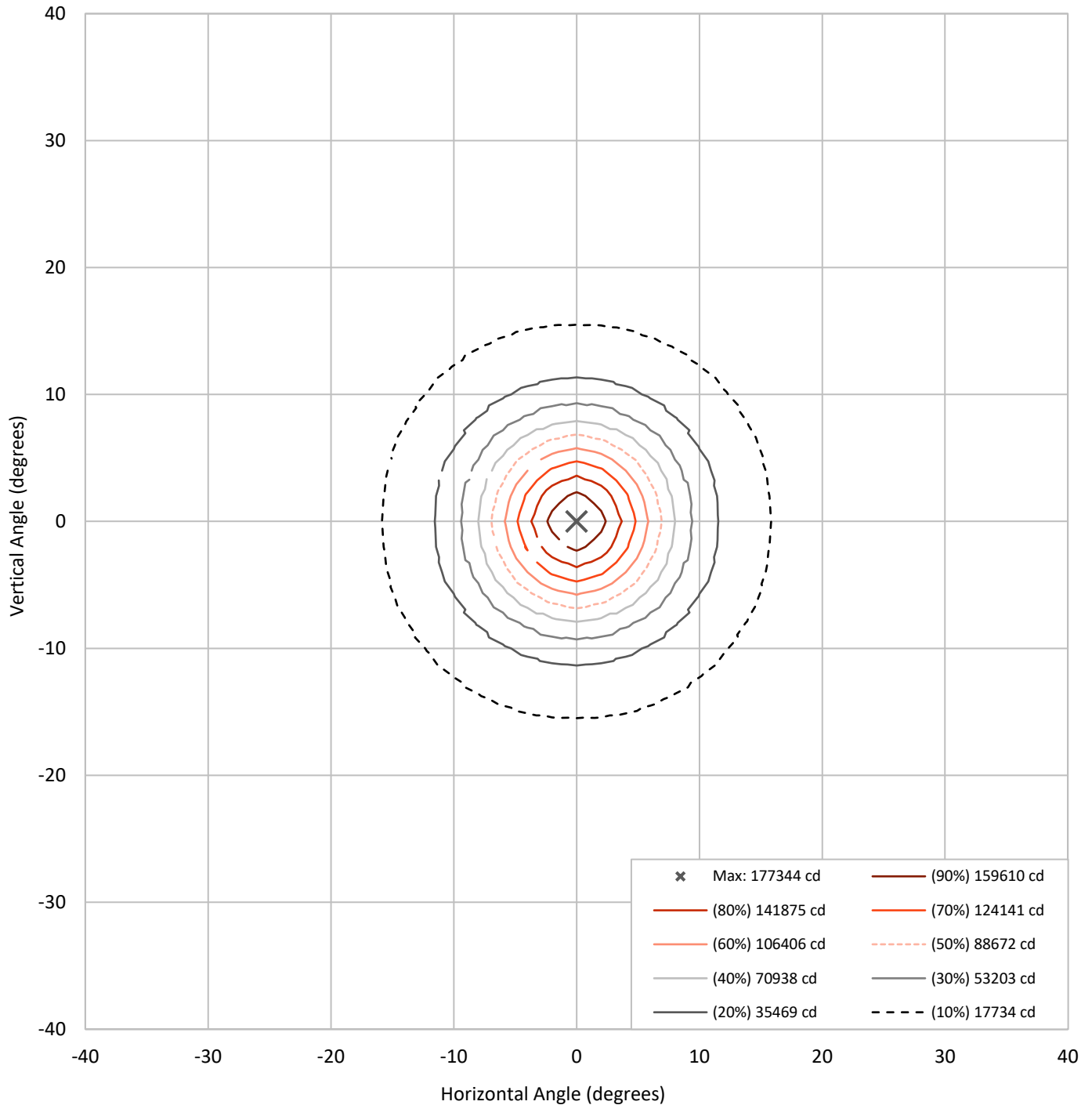
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	18831.4 lumens	Max Intensity:	177344 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	118.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	5567.6 lumens	Field Lumens:	12529.4 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	158.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





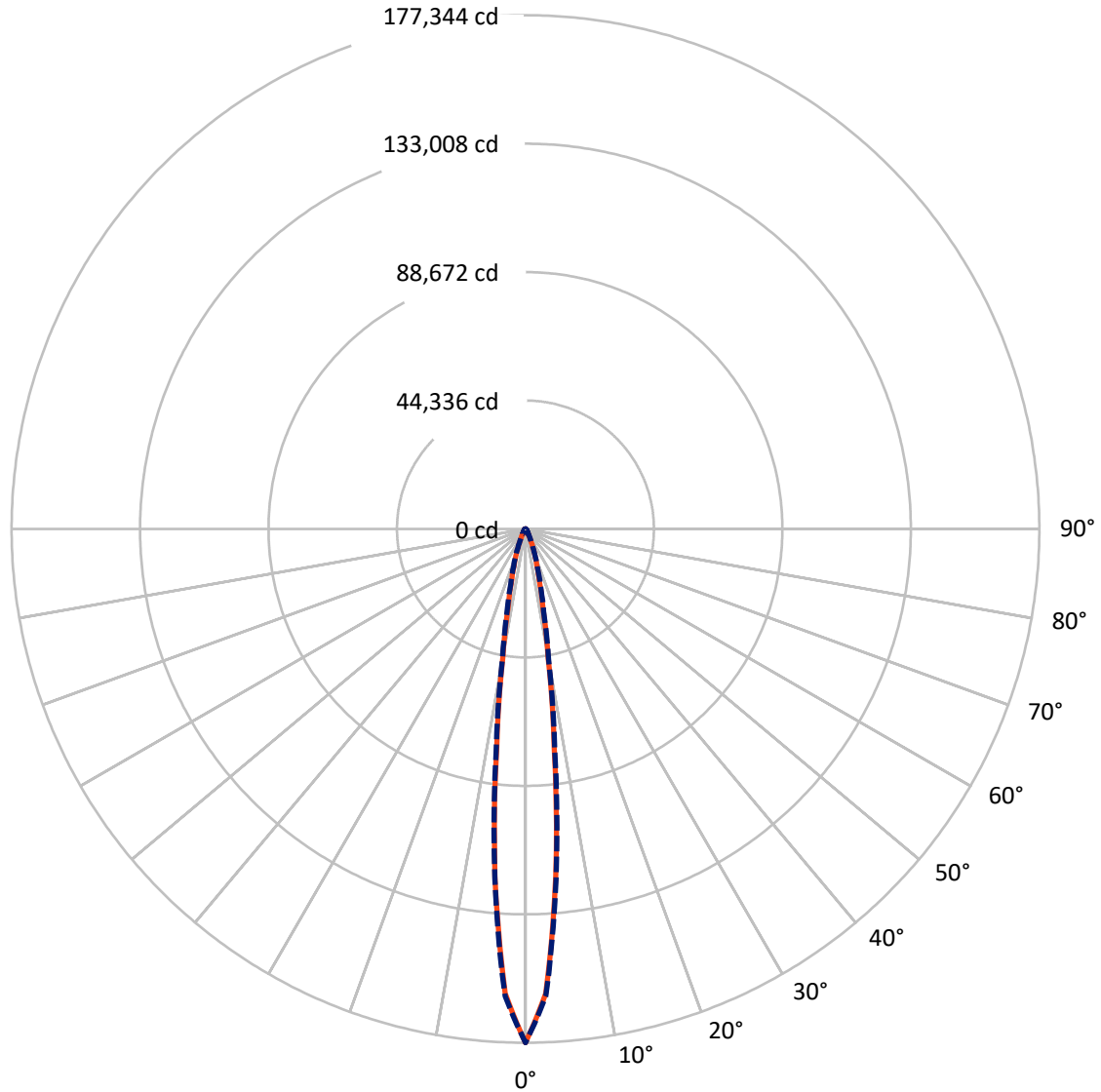
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Lumen Table

90	0.3	2.6		6.8		11.0		12.0		11.0		6.8		2.6		0.3			
80	0.3	2.6		6.8		11.0		12.0		11.0		6.8		2.6		0.3			
70	1.2	1.3	2.7	4.5	6.3	7.7	8.7	9.1	9.1	8.7	7.7	6.3	4.5	2.7	1.3	1.2			
60		2.0	4.1	6.6	8.9	10.9	12.2	12.7	12.7	12.2	10.9	8.9	6.6	4.1	2.0				
50	2.0	2.6	5.3	8.2	10.9	13.7	16.1	17.4	17.4	16.1	13.7	10.9	8.2	5.3	2.6	2.0			
40		3.2	6.2	9.4	13.4	19.3	27.1	33.6	33.6	27.1	19.3	13.4	9.4	6.2	3.2				
30	2.7	3.5	6.8	10.7	17.3	34.4	78.4	129.7	129.7	78.4	34.4	17.3	10.7	6.8	3.5	2.7			
20		3.8	7.1	11.7	23.0	73.1	259.4	558.8	558.8	259.4	73.1	23.0	11.7	7.1	3.8				
10	2.9	3.9	7.3	12.5	27.8	120.4	564.0	2436.3	2436.3	564.0	120.4	27.8	12.5	7.3	3.9	2.9			
0		3.9	7.3	12.5	27.8	120.4	564.0	2436.3	2436.3	564.0	120.4	27.8	12.5	7.3	3.9				
-10	2.7	3.8	7.1	11.7	23.0	73.1	259.4	558.8	558.8	259.4	73.1	23.0	11.7	7.1	3.8	2.7			
-20		3.5	6.8	10.7	17.3	34.4	78.4	129.7	129.7	78.4	34.4	17.3	10.7	6.8	3.5				
-30	2.0	3.2	6.2	9.4	13.4	19.3	27.1	33.6	33.6	27.1	19.3	13.4	9.4	6.2	3.2	2.0			
-40		2.6	5.3	8.2	10.9	13.7	16.1	17.4	17.4	16.1	13.7	10.9	8.2	5.3	2.6				
-50	1.2	2.0	4.1	6.6	8.9	10.9	12.2	12.7	12.7	12.2	10.9	8.9	6.6	4.1	2.0	1.2			
-60		1.3	2.7	4.5	6.3	7.7	8.7	9.1	9.1	8.7	7.7	6.3	4.5	2.7	1.3				
-70	0.3	2.6		6.8		11.0		12.0		11.0		6.8		2.6		0.3			
-80		2.6		6.8		11.0		12.0		11.0		6.8		2.6					
-90	0.3	2.6		6.8		11.0		12.0		11.0		6.8		2.6		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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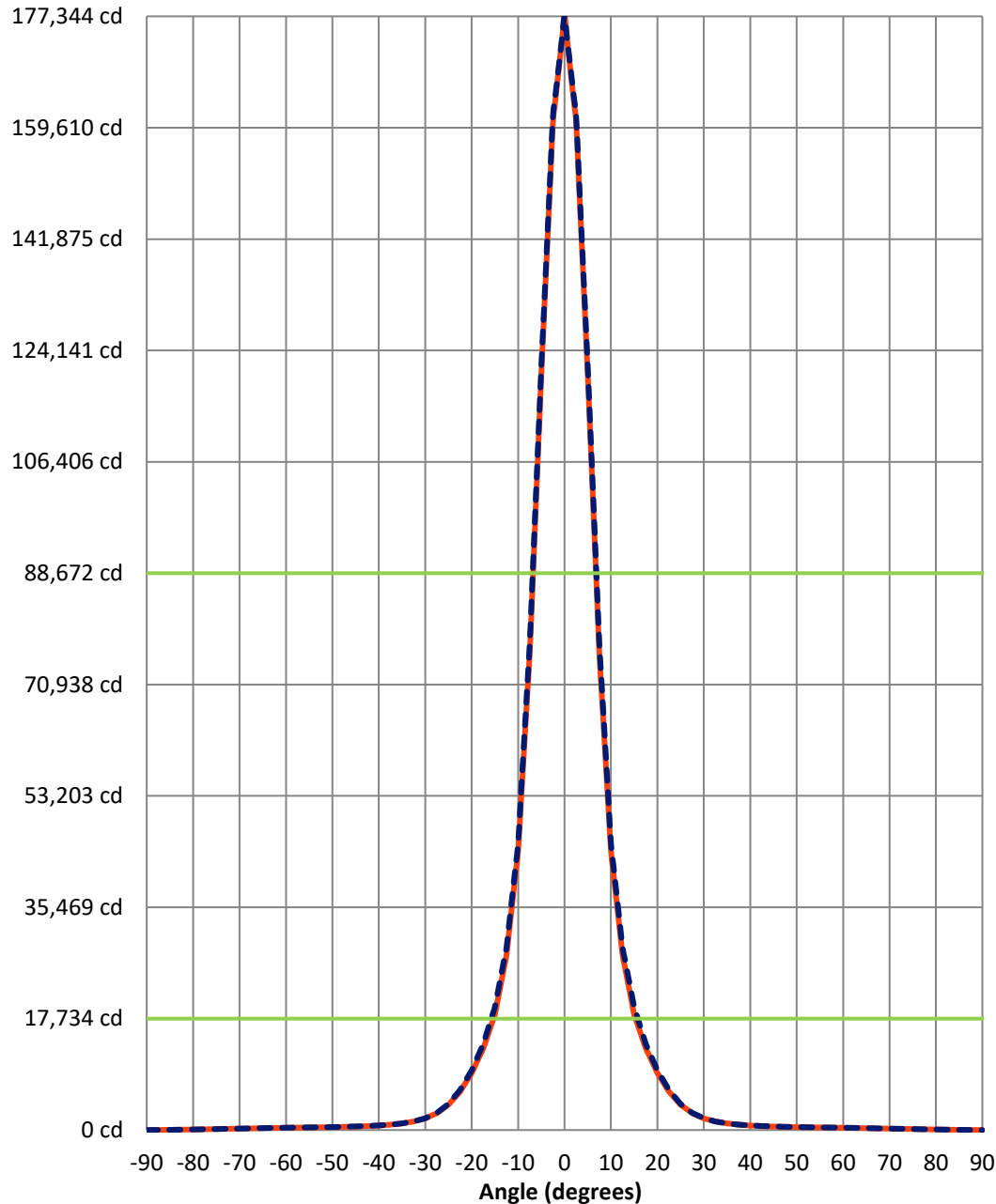
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 5567.6
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 12529.4
 Efficiency: 66.5%

Spill:
 Lumens: 6302
 Efficiency: 33.5%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.6	1.3	2.0	2.6	3.3	3.9	4.6	5.2	5.8	6.4
85°	0.0	1.2	2.6	4.0	5.3	6.6	7.9	9.1	10.4	11.6	12.8
82.5°	0.0	1.7	4.0	5.9	7.9	9.8	11.8	13.7	15.7	18.5	21.2
80°	0.0	2.3	5.3	7.9	10.5	13.1	15.9	19.7	23.5	27.1	30.8
77.5°	0.0	2.9	6.5	9.8	13.1	16.8	21.7	26.4	31.1	35.7	40.6
75°	0.0	3.4	7.8	11.8	15.8	21.4	27.3	33.1	38.8	45.3	51.6
72.5°	0.0	4.0	9.0	13.7	19.3	25.9	32.9	40.0	47.6	55.1	62.5
70°	0.0	4.5	10.2	15.7	22.7	30.3	38.5	47.6	56.3	64.9	74.5
67.5°	0.0	5.0	11.4	18.1	26.0	34.6	44.9	55.1	64.9	75.8	86.6
65°	0.0	5.5	12.5	20.4	29.2	39.3	51.1	62.5	74.5	86.6	99.3
62.5°	0.0	6.0	13.6	22.7	32.4	44.4	57.2	70.5	83.9	97.6	113.6
60°	0.0	6.5	14.7	24.9	35.4	49.3	63.2	78.6	93.1	109.8	127.4
57.5°	0.0	7.0	16.0	27.1	39.3	54.2	69.7	86.4	103.2	121.7	140.8
55°	0.0	7.4	17.4	29.1	43.0	58.9	76.2	94.0	113.3	133.2	153.7
52.5°	0.0	7.9	18.7	31.1	46.7	63.6	82.5	102.1	122.9	144.2	166.1
50°	0.0	8.3	20.0	33.0	50.2	68.6	88.6	110.1	132.2	154.7	178.0
47.5°	0.0	8.6	21.2	35.0	53.6	73.5	94.5	117.8	141.0	164.7	189.6
45°	0.0	9.0	22.4	37.5	56.8	78.1	100.8	125.2	149.4	174.9	201.0
42.5°	0.0	9.4	23.6	39.8	59.9	82.6	106.9	132.3	157.6	184.8	212.1
40°	0.0	9.7	24.7	42.1	63.1	86.8	112.7	139.0	165.5	194.4	222.8
37.5°	0.0	10.0	25.7	44.2	66.3	90.9	118.1	145.4	173.5	203.4	233.2
35°	0.0	10.2	26.7	46.3	69.3	95.0	123.3	151.5	180.9	211.8	243.2
32.5°	0.0	10.5	27.7	48.2	72.2	99.0	128.1	157.1	187.7	219.7	252.0
30°	0.0	10.7	28.6	50.1	74.8	102.7	132.6	162.5	193.9	227.1	259.9
27.5°	0.0	10.9	29.4	51.7	77.3	106.1	136.7	167.5	199.7	233.8	267.0
25°	0.0	11.1	30.2	53.3	79.7	109.3	140.5	172.1	205.1	239.8	273.3
22.5°	0.0	11.2	30.9	54.7	81.9	112.1	144.0	176.1	210.0	244.9	278.8
20°	0.0	11.3	31.6	56.0	83.8	114.6	147.1	179.6	214.4	249.3	283.7
17.5°	0.0	11.4	32.2	57.1	85.5	116.7	149.6	182.7	218.1	253.1	288.1
15°	0.0	11.5	32.7	58.1	87.0	118.4	151.7	185.3	221.3	256.1	291.9
12.5°	0.0	11.5	33.2	58.9	88.3	119.8	153.3	187.8	224.0	258.4	295.1
10°	0.0	11.6	33.5	59.6	89.3	120.8	154.6	189.9	226.1	261.0	298.1
7.5°	0.0	11.5	33.8	60.1	90.1	121.5	155.5	191.6	227.5	263.1	301.6
5°	0.0	11.5	34.0	60.5	90.7	121.8	156.0	192.8	228.3	264.7	304.4
2.5°	0.0	11.5	34.2	60.7	91.1	121.9	156.1	193.5	228.4	265.7	306.5
0°	0.0	11.4	34.2	60.8	91.2	121.6	155.8	193.8	228.0	266.0	307.8
-2.5°	0.0	11.5	34.2	60.7	91.1	121.9	156.1	193.5	228.4	265.7	306.5
-5°	0.0	11.5	34.0	60.5	90.7	121.8	156.0	192.8	228.3	264.7	304.4
-7.5°	0.0	11.5	33.8	60.1	90.1	121.5	155.5	191.6	227.5	263.1	301.6
-10°	0.0	11.6	33.5	59.6	89.3	120.8	154.6	189.9	226.1	261.0	298.1
-12.5°	0.0	11.5	33.2	58.9	88.3	119.8	153.3	187.8	224.0	258.4	295.1
-15°	0.0	11.5	32.7	58.1	87.0	118.4	151.7	185.3	221.3	256.1	291.9
-17.5°	0.0	11.4	32.2	57.1	85.5	116.7	149.6	182.7	218.1	253.1	288.1
-20°	0.0	11.3	31.6	56.0	83.8	114.6	147.1	179.6	214.4	249.3	283.7

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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	11.2	30.9	54.7	81.9	112.1	144.0	176.1	210.0	244.9	278.8
-25°	0.0	11.1	30.2	53.3	79.7	109.3	140.5	172.1	205.1	239.8	273.3
-27.5°	0.0	10.9	29.4	51.7	77.3	106.1	136.7	167.5	199.7	233.8	267.0
-30°	0.0	10.7	28.6	50.1	74.8	102.7	132.6	162.5	193.9	227.1	259.9
-32.5°	0.0	10.5	27.7	48.2	72.2	99.0	128.1	157.1	187.7	219.7	252.0
-35°	0.0	10.2	26.7	46.3	69.3	95.0	123.3	151.5	180.9	211.8	243.2
-37.5°	0.0	10.0	25.7	44.2	66.3	90.9	118.1	145.4	173.5	203.4	233.2
-40°	0.0	9.7	24.7	42.1	63.1	86.8	112.7	139.0	165.5	194.4	222.8
-42.5°	0.0	9.4	23.6	39.8	59.9	82.6	106.9	132.3	157.6	184.8	212.1
-45°	0.0	9.0	22.4	37.5	56.8	78.1	100.8	125.2	149.4	174.9	201.0
-47.5°	0.0	8.6	21.2	35.0	53.6	73.5	94.5	117.8	141.0	164.7	189.6
-50°	0.0	8.3	20.0	33.0	50.2	68.6	88.6	110.1	132.2	154.7	178.0
-52.5°	0.0	7.9	18.7	31.1	46.7	63.6	82.5	102.1	122.9	144.2	166.1
-55°	0.0	7.4	17.4	29.1	43.0	58.9	76.2	94.0	113.3	133.2	153.7
-57.5°	0.0	7.0	16.0	27.1	39.3	54.2	69.7	86.4	103.2	121.7	140.8
-60°	0.0	6.5	14.7	24.9	35.4	49.3	63.2	78.6	93.1	109.8	127.4
-62.5°	0.0	6.0	13.6	22.7	32.4	44.4	57.2	70.5	83.9	97.6	113.6
-65°	0.0	5.5	12.5	20.4	29.2	39.3	51.1	62.5	74.5	86.6	99.3
-67.5°	0.0	5.0	11.4	18.1	26.0	34.6	44.9	55.1	64.9	75.8	86.6
-70°	0.0	4.5	10.2	15.7	22.7	30.3	38.5	47.6	56.3	64.9	74.5
-72.5°	0.0	4.0	9.0	13.7	19.3	25.9	32.9	40.0	47.6	55.1	62.5
-75°	0.0	3.4	7.8	11.8	15.8	21.4	27.3	33.1	38.8	45.3	51.6
-77.5°	0.0	2.9	6.5	9.8	13.1	16.8	21.7	26.4	31.1	35.7	40.6
-80°	0.0	2.3	5.3	7.9	10.5	13.1	15.9	19.7	23.5	27.1	30.8
-82.5°	0.0	1.7	4.0	5.9	7.9	9.8	11.8	13.7	15.7	18.5	21.2
-85°	0.0	1.2	2.6	4.0	5.3	6.6	7.9	9.1	10.4	11.6	12.8
-87.5°	0.0	0.6	1.3	2.0	2.6	3.3	3.9	4.6	5.2	5.8	6.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-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°	7.0	7.6	8.2	8.7	9.3	9.8	10.3	10.7	11.2	11.6	12.1
85°	14.0	15.2	16.9	18.5	19.9	21.2	22.2	23.1	24.6	26.3	28.0
82.5°	23.9	26.5	29.1	31.6	33.3	34.6	35.9	37.9	41.2	44.5	47.4
80°	34.3	37.8	41.8	45.6	48.9	52.2	55.7	59.2	62.9	66.4	69.7
77.5°	45.8	50.9	55.9	60.7	65.5	70.6	75.6	80.5	85.1	89.5	93.6
75°	57.8	63.9	70.6	77.2	83.6	89.9	96.0	102.5	108.7	114.6	120.3
72.5°	70.5	78.6	86.5	94.2	102.5	110.7	118.5	126.1	133.5	141.3	149.5
70°	83.9	93.1	103.4	113.3	122.6	132.3	142.1	150.5	158.5	169.1	180.1
67.5°	97.7	110.2	121.8	132.9	145.3	156.8	166.8	177.4	188.8	201.1	211.9
65°	114.0	127.5	141.1	155.1	169.5	181.4	193.9	207.0	219.9	232.2	243.9
62.5°	130.0	145.4	160.9	176.3	191.0	205.3	220.3	235.0	249.2	263.5	276.1
60°	145.5	162.9	179.3	195.4	212.1	229.9	246.5	262.8	279.8	295.9	304.4
57.5°	160.5	179.1	196.2	214.2	233.8	253.9	271.4	289.8	304.4	315.6	326.6
55°	174.6	193.9	212.7	232.9	254.2	275.1	294.5	311.0	324.4	334.7	346.3
52.5°	187.7	208.1	228.5	250.7	273.2	295.5	315.9	331.3	343.4	353.9	364.8
50°	200.6	222.0	243.7	267.9	292.1	315.8	335.7	349.8	361.3	372.1	383.3
47.5°	213.4	235.8	259.1	284.9	311.2	334.0	352.9	365.8	377.3	390.0	402.3
45°	225.8	250.1	274.8	302.5	328.9	350.9	367.0	379.9	394.1	407.8	421.0
42.5°	238.0	264.2	291.0	319.7	345.2	365.0	380.0	395.3	410.6	425.2	440.0
40°	250.3	277.7	306.1	334.7	360.3	377.5	393.3	409.8	426.7	442.5	459.0
37.5°	262.0	290.5	319.7	348.6	371.9	389.3	405.7	423.9	441.7	459.0	480.4
35°	273.2	302.1	331.5	359.5	381.9	399.9	418.3	437.4	456.1	478.5	502.9
32.5°	283.2	312.5	342.3	368.4	390.3	409.7	430.4	450.3	472.8	498.1	527.3
30°	291.7	321.6	351.6	377.0	398.4	419.0	441.4	463.4	489.6	520.0	554.8
27.5°	299.0	329.7	358.9	384.3	406.1	426.6	450.2	478.0	508.0	542.2	583.1
25°	306.0	338.0	365.8	391.1	412.3	433.7	458.9	489.6	525.8	567.0	617.0
22.5°	312.5	345.9	372.9	397.5	417.1	440.2	468.7	502.1	541.4	589.6	650.6
20°	318.7	351.9	378.5	402.5	420.8	445.9	477.2	512.9	557.6	615.1	685.6
17.5°	324.5	357.0	382.9	405.5	425.5	452.0	484.8	521.7	571.7	638.3	717.9
15°	329.7	361.2	386.4	407.9	429.8	458.4	492.7	532.6	587.3	660.4	746.4
12.5°	334.3	364.6	389.1	409.8	433.2	463.6	499.7	544.1	604.1	682.1	782.6
10°	338.3	367.3	391.0	411.1	435.7	467.6	505.5	553.4	617.4	698.9	810.4
7.5°	341.6	369.4	392.4	411.8	437.4	470.3	510.1	560.4	626.8	710.9	830.5
5°	344.0	371.1	393.9	414.1	439.9	472.5	513.4	565.3	632.3	718.0	843.0
2.5°	345.4	372.1	394.9	416.3	442.7	474.4	515.9	570.6	636.7	724.9	852.6
0°	345.8	372.4	395.2	418.0	444.6	475.0	516.7	573.7	638.3	729.5	858.7
-2.5°	345.4	372.1	394.9	416.3	442.7	474.4	515.9	570.6	636.7	724.9	852.6
-5°	344.0	371.1	393.9	414.1	439.9	472.5	513.4	565.3	632.3	718.0	843.0
-7.5°	341.6	369.4	392.4	411.8	437.4	470.3	510.1	560.4	626.8	710.9	830.5
-10°	338.3	367.3	391.0	411.1	435.7	467.6	505.5	553.4	617.4	698.9	810.4
-12.5°	334.3	364.6	389.1	409.8	433.2	463.6	499.7	544.1	604.1	682.1	782.6
-15°	329.7	361.2	386.4	407.9	429.8	458.4	492.7	532.6	587.3	660.4	746.4
-17.5°	324.5	357.0	382.9	405.5	425.5	452.0	484.8	521.7	571.7	638.3	717.9
-20°	318.7	351.9	378.5	402.5	420.8	445.9	477.2	512.9	557.6	615.1	685.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627549 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-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°	312.5	345.9	372.9	397.5	417.1	440.2	468.7	502.1	541.4	589.6	650.6
-25°	306.0	338.0	365.8	391.1	412.3	433.7	458.9	489.6	525.8	567.0	617.0
-27.5°	299.0	329.7	358.9	384.3	406.1	426.6	450.2	478.0	508.0	542.2	583.1
-30°	291.7	321.6	351.6	377.0	398.4	419.0	441.4	463.4	489.6	520.0	554.8
-32.5°	283.2	312.5	342.3	368.4	390.3	409.7	430.4	450.3	472.8	498.1	527.3
-35°	273.2	302.1	331.5	359.5	381.9	399.9	418.3	437.4	456.1	478.5	502.9
-37.5°	262.0	290.5	319.7	348.6	371.9	389.3	405.7	423.9	441.7	459.0	480.4
-40°	250.3	277.7	306.1	334.7	360.3	377.5	393.3	409.8	426.7	442.5	459.0
-42.5°	238.0	264.2	291.0	319.7	345.2	365.0	380.0	395.3	410.6	425.2	440.0
-45°	225.8	250.1	274.8	302.5	328.9	350.9	367.0	379.9	394.1	407.8	421.0
-47.5°	213.4	235.8	259.1	284.9	311.2	334.0	352.9	365.8	377.3	390.0	402.3
-50°	200.6	222.0	243.7	267.9	292.1	315.8	335.7	349.8	361.3	372.1	383.3
-52.5°	187.7	208.1	228.5	250.7	273.2	295.5	315.9	331.3	343.4	353.9	364.8
-55°	174.6	193.9	212.7	232.9	254.2	275.1	294.5	311.0	324.4	334.7	346.3
-57.5°	160.5	179.1	196.2	214.2	233.8	253.9	271.4	289.8	304.4	315.6	326.6
-60°	145.5	162.9	179.3	195.4	212.1	229.9	246.5	262.8	279.8	295.9	304.4
-62.5°	130.0	145.4	160.9	176.3	191.0	205.3	220.3	235.0	249.2	263.5	276.1
-65°	114.0	127.5	141.1	155.1	169.5	181.4	193.9	207.0	219.9	232.2	243.9
-67.5°	97.7	110.2	121.8	132.9	145.3	156.8	166.8	177.4	188.8	201.1	211.9
-70°	83.9	93.1	103.4	113.3	122.6	132.3	142.1	150.5	158.5	169.1	180.1
-72.5°	70.5	78.6	86.5	94.2	102.5	110.7	118.5	126.1	133.5	141.3	149.5
-75°	57.8	63.9	70.6	77.2	83.6	89.9	96.0	102.5	108.7	114.6	120.3
-77.5°	45.8	50.9	55.9	60.7	65.5	70.6	75.6	80.5	85.1	89.5	93.6
-80°	34.3	37.8	41.8	45.6	48.9	52.2	55.7	59.2	62.9	66.4	69.7
-82.5°	23.9	26.5	29.1	31.6	33.3	34.6	35.9	37.9	41.2	44.5	47.4
-85°	14.0	15.2	16.9	18.5	19.9	21.2	22.2	23.1	24.6	26.3	28.0
-87.5°	7.0	7.6	8.2	8.7	9.3	9.8	10.3	10.7	11.2	11.6	12.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627549 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	12.4	12.8	13.2	13.5	13.8	14.0	14.3	14.5	14.7	13.9	13.1
85°	29.7	30.8	31.9	32.8	33.7	34.5	35.2	35.9	36.4	36.0	35.4
82.5°	50.1	52.0	53.9	55.5	57.1	58.5	59.8	60.9	61.9	61.8	61.5
80°	72.8	76.1	79.4	82.6	85.8	87.7	89.1	90.2	90.9	91.2	91.3
77.5°	97.9	102.9	108.2	113.4	118.4	121.4	123.4	125.2	126.6	126.9	126.6
75°	125.6	132.2	139.3	145.6	151.1	154.4	156.7	158.7	160.2	160.6	160.5
72.5°	157.9	166.0	172.4	177.7	182.3	185.9	188.8	191.2	193.3	194.1	194.2
70°	189.7	197.6	203.7	209.1	213.6	217.3	220.8	223.8	226.2	228.1	229.4
67.5°	221.9	230.9	237.2	242.1	245.9	249.8	254.4	258.4	261.8	264.0	265.2
65°	254.9	264.2	270.3	275.6	280.3	285.2	290.4	294.2	296.7	298.2	299.2
62.5°	286.8	295.6	303.2	310.2	317.0	322.7	326.2	329.4	332.1	334.4	336.1
60°	314.3	325.4	333.9	340.7	347.4	353.8	358.1	361.5	364.2	366.2	367.5
57.5°	337.7	349.1	359.1	365.7	372.9	380.6	385.6	388.5	391.1	393.4	394.5
55°	358.2	368.7	378.0	386.9	395.0	401.9	407.2	411.2	414.4	417.0	417.9
52.5°	376.7	388.1	398.9	408.5	416.4	423.0	428.3	433.1	436.8	439.3	440.5
50°	396.0	408.3	419.9	430.4	438.5	445.9	452.5	458.2	463.7	468.0	471.1
47.5°	415.1	428.2	441.0	452.5	462.3	473.0	482.6	490.7	498.6	505.1	509.5
45°	434.3	449.4	463.4	478.2	491.4	505.4	518.4	529.6	541.1	549.8	555.7
42.5°	455.6	472.8	489.6	508.0	526.0	544.3	564.0	581.6	595.2	608.0	618.3
40°	478.5	498.1	520.0	542.6	569.2	593.3	619.8	642.6	663.2	685.0	702.3
37.5°	502.9	527.3	556.2	586.4	620.8	653.8	688.5	722.5	752.2	787.3	814.0
35°	529.8	562.5	598.0	639.0	681.8	729.1	776.4	831.2	878.3	930.1	975.3
32.5°	561.7	600.7	647.4	701.4	756.4	828.1	895.1	982.3	1057.6	1139.9	1222.7
30°	594.5	645.5	705.8	773.8	861.2	959.9	1069.8	1199.4	1333.1	1462.4	1618.4
27.5°	635.2	696.8	769.7	869.1	997.7	1131.1	1320.2	1514.8	1760.4	1963.5	2250.0
25°	677.4	749.9	853.5	988.7	1156.7	1388.1	1675.0	1985.9	2418.1	2797.8	3243.2
22.5°	723.4	821.3	950.2	1117.1	1371.7	1726.9	2161.3	2746.7	3384.2	4061.0	4734.3
20°	771.3	889.8	1058.7	1300.6	1650.0	2131.0	2876.7	3780.5	4691.3	5808.0	6796.9
17.5°	826.8	977.6	1185.7	1488.2	1954.4	2691.3	3725.9	4987.6	6400.5	8006.2	9431.8
15°	873.1	1052.8	1315.6	1738.7	2379.9	3326.2	4630.9	6366.6	8489.7	10646.3	12834.2
12.5°	926.8	1134.7	1443.2	1947.7	2753.1	4010.7	5786.7	7983.6	10635.2	13626.4	17152.5
10°	974.4	1215.0	1598.6	2223.1	3207.3	4724.6	6880.0	9523.0	12945.0	17248.5	22709.1
7.5°	1009.7	1279.0	1718.5	2432.6	3600.0	5411.0	7913.0	11208.7	15556.9	21239.8	28733.9
5°	1032.7	1325.3	1803.4	2594.3	3907.4	5921.9	8670.0	12404.4	17650.1	25687.6	38378.1
2.5°	1046.4	1352.6	1851.8	2689.2	4094.3	6260.3	9246.0	13308.5	19006.7	28436.3	44581.0
0°	1052.5	1360.3	1880.8	2739.5	4156.8	6391.0	9510.5	13720.5	19613.7	29078.6	45671.6
-2.5°	1046.4	1352.6	1851.8	2689.2	4094.3	6260.3	9246.0	13308.5	19006.7	28436.3	44581.0
-5°	1032.7	1325.3	1803.4	2594.3	3907.4	5921.9	8670.0	12404.4	17650.1	25687.6	38378.1
-7.5°	1009.7	1279.0	1718.5	2432.6	3600.0	5411.0	7913.0	11208.7	15556.9	21239.8	28733.9
-10°	974.4	1215.0	1598.6	2223.1	3207.3	4724.6	6880.0	9523.0	12945.0	17248.5	22709.1
-12.5°	926.8	1134.7	1443.2	1947.7	2753.1	4010.7	5786.7	7983.6	10635.2	13626.4	17152.5
-15°	873.1	1052.8	1315.6	1738.7	2379.9	3326.2	4630.9	6366.6	8489.7	10646.3	12834.2
-17.5°	826.8	977.6	1185.7	1488.2	1954.4	2691.3	3725.9	4987.6	6400.5	8006.2	9431.8
-20°	771.3	889.8	1058.7	1300.6	1650.0	2131.0	2876.7	3780.5	4691.3	5808.0	6796.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627549 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	723.4	821.3	950.2	1117.1	1371.7	1726.9	2161.3	2746.7	3384.2	4061.0	4734.3
-25°	677.4	749.9	853.5	988.7	1156.7	1388.1	1675.0	1985.9	2418.1	2797.8	3243.2
-27.5°	635.2	696.8	769.7	869.1	997.7	1131.1	1320.2	1514.8	1760.4	1963.5	2250.0
-30°	594.5	645.5	705.8	773.8	861.2	959.9	1069.8	1199.4	1333.1	1462.4	1618.4
-32.5°	561.7	600.7	647.4	701.4	756.4	828.1	895.1	982.3	1057.6	1139.9	1222.7
-35°	529.8	562.5	598.0	639.0	681.8	729.1	776.4	831.2	878.3	930.1	975.3
-37.5°	502.9	527.3	556.2	586.4	620.8	653.8	688.5	722.5	752.2	787.3	814.0
-40°	478.5	498.1	520.0	542.6	569.2	593.3	619.8	642.6	663.2	685.0	702.3
-42.5°	455.6	472.8	489.6	508.0	526.0	544.3	564.0	581.6	595.2	608.0	618.3
-45°	434.3	449.4	463.4	478.2	491.4	505.4	518.4	529.6	541.1	549.8	555.7
-47.5°	415.1	428.2	441.0	452.5	462.3	473.0	482.6	490.7	498.6	505.1	509.5
-50°	396.0	408.3	419.9	430.4	438.5	445.9	452.5	458.2	463.7	468.0	471.1
-52.5°	376.7	388.1	398.9	408.5	416.4	423.0	428.3	433.1	436.8	439.3	440.5
-55°	358.2	368.7	378.0	386.9	395.0	401.9	407.2	411.2	414.4	417.0	417.9
-57.5°	337.7	349.1	359.1	365.7	372.9	380.6	385.6	388.5	391.1	393.4	394.5
-60°	314.3	325.4	333.9	340.7	347.4	353.8	358.1	361.5	364.2	366.2	367.5
-62.5°	286.8	295.6	303.2	310.2	317.0	322.7	326.2	329.4	332.1	334.4	336.1
-65°	254.9	264.2	270.3	275.6	280.3	285.2	290.4	294.2	296.7	298.2	299.2
-67.5°	221.9	230.9	237.2	242.1	245.9	249.8	254.4	258.4	261.8	264.0	265.2
-70°	189.7	197.6	203.7	209.1	213.6	217.3	220.8	223.8	226.2	228.1	229.4
-72.5°	157.9	166.0	172.4	177.7	182.3	185.9	188.8	191.2	193.3	194.1	194.2
-75°	125.6	132.2	139.3	145.6	151.1	154.4	156.7	158.7	160.2	160.6	160.5
-77.5°	97.9	102.9	108.2	113.4	118.4	121.4	123.4	125.2	126.6	126.9	126.6
-80°	72.8	76.1	79.4	82.6	85.8	87.7	89.1	90.2	90.9	91.2	91.3
-82.5°	50.1	52.0	53.9	55.5	57.1	58.5	59.8	60.9	61.9	61.8	61.5
-85°	29.7	30.8	31.9	32.8	33.7	34.5	35.2	35.9	36.4	36.0	35.4
-87.5°	12.4	12.8	13.2	13.5	13.8	14.0	14.3	14.5	14.7	13.9	13.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627549 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-722-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°	12.2	11.4	11.4	11.4	11.4	11.4	12.2	13.1	13.9	14.7	14.5
85°	34.8	34.0	34.2	34.2	34.2	34.0	34.8	35.4	36.0	36.4	35.9
82.5°	61.1	60.5	60.7	60.8	60.7	60.5	61.1	61.5	61.8	61.9	60.9
80°	91.1	90.8	89.2	87.4	89.2	90.8	91.1	91.3	91.2	90.9	90.2
77.5°	125.9	124.8	123.4	121.6	123.4	124.8	125.9	126.6	126.9	126.6	125.2
75°	159.9	158.9	159.4	159.6	159.4	158.9	159.9	160.5	160.6	160.2	158.7
72.5°	193.9	193.0	193.6	193.8	193.6	193.0	193.9	194.2	194.1	193.3	191.2
70°	230.3	230.7	229.7	228.0	229.7	230.7	230.3	229.4	228.1	226.2	223.8
67.5°	265.5	265.1	263.9	262.2	263.9	265.1	265.5	265.2	264.0	261.8	258.4
65°	299.6	299.2	299.8	300.2	299.8	299.2	299.6	299.2	298.2	296.7	294.2
62.5°	336.9	337.0	336.1	334.4	336.1	337.0	336.9	336.1	334.4	332.1	329.4
60°	367.9	367.7	366.6	364.8	366.6	367.7	367.9	367.5	366.2	364.2	361.5
57.5°	394.8	394.4	393.3	391.4	393.3	394.4	394.8	394.5	393.4	391.1	388.5
55°	418.0	417.4	416.2	414.2	416.2	417.4	418.0	417.9	417.0	414.4	411.2
52.5°	440.7	440.3	440.4	440.8	440.4	440.3	440.7	440.5	439.3	436.8	433.1
50°	473.0	473.7	473.1	471.2	473.1	473.7	473.0	471.1	468.0	463.7	458.2
47.5°	511.6	511.9	511.0	509.2	511.0	511.9	511.6	509.5	505.1	498.6	490.7
45°	560.3	563.1	563.8	562.3	563.8	563.1	560.3	555.7	549.8	541.1	529.6
42.5°	626.3	630.6	631.9	630.7	631.9	630.6	626.3	618.3	608.0	595.2	581.6
40°	712.9	717.9	718.8	718.1	718.8	717.9	712.9	702.3	685.0	663.2	642.6
37.5°	832.8	844.8	850.4	851.1	850.4	844.8	832.8	814.0	787.3	752.2	722.5
35°	1009.7	1033.6	1046.3	1052.5	1046.3	1033.6	1009.7	975.3	930.1	878.3	831.2
32.5°	1285.5	1333.3	1359.7	1356.5	1359.7	1333.3	1285.5	1222.7	1139.9	1057.6	982.3
30°	1736.0	1819.5	1861.5	1850.4	1861.5	1819.5	1736.0	1618.4	1462.4	1333.1	1199.4
27.5°	2455.7	2606.7	2694.0	2682.5	2694.0	2606.7	2455.7	2250.0	1963.5	1760.4	1514.8
25°	3615.5	3891.1	4067.5	4023.8	4067.5	3891.1	3615.5	3243.2	2797.8	2418.1	1985.9
22.5°	5379.7	5846.6	6155.5	6117.4	6155.5	5846.6	5379.7	4734.3	4061.0	3384.2	2746.7
20°	7799.6	8510.3	9017.7	9084.9	9017.7	8510.3	7799.6	6796.9	5808.0	4691.3	3780.5
17.5°	10971.8	12098.5	12882.8	13013.7	12882.8	12098.5	10971.8	9431.8	8006.2	6400.5	4987.6
15°	15094.4	16936.0	18268.8	18378.8	18268.8	16936.0	15094.4	12834.2	10646.3	8489.7	6366.6
12.5°	20692.3	24396.3	26813.6	27877.9	26813.6	24396.3	20692.3	17152.5	13626.4	10635.2	7983.6
10°	28439.5	36947.4	42396.0	44444.3	42396.0	36947.4	28439.5	22709.1	17248.5	12945.0	9523.0
7.5°	41379.6	54737.3	69587.4	75916.7	69587.4	54737.3	41379.6	28733.9	21239.8	15556.9	11208.7
5°	56033.4	83755.8	110124.7	120421.7	110124.7	83755.8	56033.4	38378.1	25687.6	17650.1	12404.4
2.5°	71452.8	110093.8	146303.4	160464.1	146303.4	110093.8	71452.8	44581.0	28436.3	19006.7	13308.5
0°	77474.5	121626.2	161465.4	177344.0	161465.4	121626.2	77474.5	45671.6	29078.6	19613.7	13720.5
-2.5°	71452.8	110093.8	146303.4	160464.1	146303.4	110093.8	71452.8	44581.0	28436.3	19006.7	13308.5
-5°	56033.4	83755.8	110124.7	120421.7	110124.7	83755.8	56033.4	38378.1	25687.6	17650.1	12404.4
-7.5°	41379.6	54737.3	69587.4	75916.7	69587.4	54737.3	41379.6	28733.9	21239.8	15556.9	11208.7
-10°	28439.5	36947.4	42396.0	44444.3	42396.0	36947.4	28439.5	22709.1	17248.5	12945.0	9523.0
-12.5°	20692.3	24396.3	26813.6	27877.9	26813.6	24396.3	20692.3	17152.5	13626.4	10635.2	7983.6
-15°	15094.4	16936.0	18268.8	18378.8	18268.8	16936.0	15094.4	12834.2	10646.3	8489.7	6366.6
-17.5°	10971.8	12098.5	12882.8	13013.7	12882.8	12098.5	10971.8	9431.8	8006.2	6400.5	4987.6
-20°	7799.6	8510.3	9017.7	9084.9	9017.7	8510.3	7799.6	6796.9	5808.0	4691.3	3780.5



REPORT NUMBER: P627549 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-722-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°	5379.7	5846.6	6155.5	6117.4	6155.5	5846.6	5379.7	4734.3	4061.0	3384.2	2746.7
-25°	3615.5	3891.1	4067.5	4023.8	4067.5	3891.1	3615.5	3243.2	2797.8	2418.1	1985.9
-27.5°	2455.7	2606.7	2694.0	2682.5	2694.0	2606.7	2455.7	2250.0	1963.5	1760.4	1514.8
-30°	1736.0	1819.5	1861.5	1850.4	1861.5	1819.5	1736.0	1618.4	1462.4	1333.1	1199.4
-32.5°	1285.5	1333.3	1359.7	1356.5	1359.7	1333.3	1285.5	1222.7	1139.9	1057.6	982.3
-35°	1009.7	1033.6	1046.3	1052.5	1046.3	1033.6	1009.7	975.3	930.1	878.3	831.2
-37.5°	832.8	844.8	850.4	851.1	850.4	844.8	832.8	814.0	787.3	752.2	722.5
-40°	712.9	717.9	718.8	718.1	718.8	717.9	712.9	702.3	685.0	663.2	642.6
-42.5°	626.3	630.6	631.9	630.7	631.9	630.6	626.3	618.3	608.0	595.2	581.6
-45°	560.3	563.1	563.8	562.3	563.8	563.1	560.3	555.7	549.8	541.1	529.6
-47.5°	511.6	511.9	511.0	509.2	511.0	511.9	511.6	509.5	505.1	498.6	490.7
-50°	473.0	473.7	473.1	471.2	473.1	473.7	473.0	471.1	468.0	463.7	458.2
-52.5°	440.7	440.3	440.4	440.8	440.4	440.3	440.7	440.5	439.3	436.8	433.1
-55°	418.0	417.4	416.2	414.2	416.2	417.4	418.0	417.9	417.0	414.4	411.2
-57.5°	394.8	394.4	393.3	391.4	393.3	394.4	394.8	394.5	393.4	391.1	388.5
-60°	367.9	367.7	366.6	364.8	366.6	367.7	367.9	367.5	366.2	364.2	361.5
-62.5°	336.9	337.0	336.1	334.4	336.1	337.0	336.9	336.1	334.4	332.1	329.4
-65°	299.6	299.2	299.8	300.2	299.8	299.2	299.6	299.2	298.2	296.7	294.2
-67.5°	265.5	265.1	263.9	262.2	263.9	265.1	265.5	265.2	264.0	261.8	258.4
-70°	230.3	230.7	229.7	228.0	229.7	230.7	230.3	229.4	228.1	226.2	223.8
-72.5°	193.9	193.0	193.6	193.8	193.6	193.0	193.9	194.2	194.1	193.3	191.2
-75°	159.9	158.9	159.4	159.6	159.4	158.9	159.9	160.5	160.6	160.2	158.7
-77.5°	125.9	124.8	123.4	121.6	123.4	124.8	125.9	126.6	126.9	126.6	125.2
-80°	91.1	90.8	89.2	87.4	89.2	90.8	91.1	91.3	91.2	90.9	90.2
-82.5°	61.1	60.5	60.7	60.8	60.7	60.5	61.1	61.5	61.8	61.9	60.9
-85°	34.8	34.0	34.2	34.2	34.2	34.0	34.8	35.4	36.0	36.4	35.9
-87.5°	12.2	11.4	11.4	11.4	11.4	11.4	12.2	13.1	13.9	14.7	14.5
-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: P627549 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-722-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°	14.3	14.0	13.8	13.5	13.2	12.8	12.4	12.1	11.6	11.2	10.7
85°	35.2	34.5	33.7	32.8	31.9	30.8	29.7	28.0	26.3	24.6	23.1
82.5°	59.8	58.5	57.1	55.5	53.9	52.0	50.1	47.4	44.5	41.2	37.9
80°	89.1	87.7	85.8	82.6	79.4	76.1	72.8	69.7	66.4	62.9	59.2
77.5°	123.4	121.4	118.4	113.4	108.2	102.9	97.9	93.6	89.5	85.1	80.5
75°	156.7	154.4	151.1	145.6	139.3	132.2	125.6	120.3	114.6	108.7	102.5
72.5°	188.8	185.9	182.3	177.7	172.4	166.0	157.9	149.5	141.3	133.5	126.1
70°	220.8	217.3	213.6	209.1	203.7	197.6	189.7	180.1	169.1	158.5	150.5
67.5°	254.4	249.8	245.9	242.1	237.2	230.9	221.9	211.9	201.1	188.8	177.4
65°	290.4	285.2	280.3	275.6	270.3	264.2	254.9	243.9	232.2	219.9	207.0
62.5°	326.2	322.7	317.0	310.2	303.2	295.6	286.8	276.1	263.5	249.2	235.0
60°	358.1	353.8	347.4	340.7	333.9	325.4	314.3	304.4	295.9	279.8	262.8
57.5°	385.6	380.6	372.9	365.7	359.1	349.1	337.7	326.6	315.6	304.4	289.8
55°	407.2	401.9	395.0	386.9	378.0	368.7	358.2	346.3	334.7	324.4	311.0
52.5°	428.3	423.0	416.4	408.5	398.9	388.1	376.7	364.8	353.9	343.4	331.3
50°	452.5	445.9	438.5	430.4	419.9	408.3	396.0	383.3	372.1	361.3	349.8
47.5°	482.6	473.0	462.3	452.5	441.0	428.2	415.1	402.3	390.0	377.3	365.8
45°	518.4	505.4	491.4	478.2	463.4	449.4	434.3	421.0	407.8	394.1	379.9
42.5°	564.0	544.3	526.0	508.0	489.6	472.8	455.6	440.0	425.2	410.6	395.3
40°	619.8	593.3	569.2	542.6	520.0	498.1	478.5	459.0	442.5	426.7	409.8
37.5°	688.5	653.8	620.8	586.4	556.2	527.3	502.9	480.4	459.0	441.7	423.9
35°	776.4	729.1	681.8	639.0	598.0	562.5	529.8	502.9	478.5	456.1	437.4
32.5°	895.1	828.1	756.4	701.4	647.4	600.7	561.7	527.3	498.1	472.8	450.3
30°	1069.8	959.9	861.2	773.8	705.8	645.5	594.5	554.8	520.0	489.6	463.4
27.5°	1320.2	1131.1	997.7	869.1	769.7	696.8	635.2	583.1	542.2	508.0	478.0
25°	1675.0	1388.1	1156.7	988.7	853.5	749.9	677.4	617.0	567.0	525.8	489.6
22.5°	2161.3	1726.9	1371.7	1117.1	950.2	821.3	723.4	650.6	589.6	541.4	502.1
20°	2876.7	2131.0	1650.0	1300.6	1058.7	889.8	771.3	685.6	615.1	557.6	512.9
17.5°	3725.9	2691.3	1954.4	1488.2	1185.7	977.6	826.8	717.9	638.3	571.7	521.7
15°	4630.9	3326.2	2379.9	1738.7	1315.6	1052.8	873.1	746.4	660.4	587.3	532.6
12.5°	5786.7	4010.7	2753.1	1947.7	1443.2	1134.7	926.8	782.6	682.1	604.1	544.1
10°	6880.0	4724.6	3207.3	2223.1	1598.6	1215.0	974.4	810.4	698.9	617.4	553.4
7.5°	7913.0	5411.0	3600.0	2432.6	1718.5	1279.0	1009.7	830.5	710.9	626.8	560.4
5°	8670.0	5921.9	3907.4	2594.3	1803.4	1325.3	1032.7	843.0	718.0	632.3	565.3
2.5°	9246.0	6260.3	4094.3	2689.2	1851.8	1352.6	1046.4	852.6	724.9	636.7	570.6
0°	9510.5	6391.0	4156.8	2739.5	1880.8	1360.3	1052.5	858.7	729.5	638.3	573.7
-2.5°	9246.0	6260.3	4094.3	2689.2	1851.8	1352.6	1046.4	852.6	724.9	636.7	570.6
-5°	8670.0	5921.9	3907.4	2594.3	1803.4	1325.3	1032.7	843.0	718.0	632.3	565.3
-7.5°	7913.0	5411.0	3600.0	2432.6	1718.5	1279.0	1009.7	830.5	710.9	626.8	560.4
-10°	6880.0	4724.6	3207.3	2223.1	1598.6	1215.0	974.4	810.4	698.9	617.4	553.4
-12.5°	5786.7	4010.7	2753.1	1947.7	1443.2	1134.7	926.8	782.6	682.1	604.1	544.1
-15°	4630.9	3326.2	2379.9	1738.7	1315.6	1052.8	873.1	746.4	660.4	587.3	532.6
-17.5°	3725.9	2691.3	1954.4	1488.2	1185.7	977.6	826.8	717.9	638.3	571.7	521.7
-20°	2876.7	2131.0	1650.0	1300.6	1058.7	889.8	771.3	685.6	615.1	557.6	512.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627549 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2161.3	1726.9	1371.7	1117.1	950.2	821.3	723.4	650.6	589.6	541.4	502.1
-25°	1675.0	1388.1	1156.7	988.7	853.5	749.9	677.4	617.0	567.0	525.8	489.6
-27.5°	1320.2	1131.1	997.7	869.1	769.7	696.8	635.2	583.1	542.2	508.0	478.0
-30°	1069.8	959.9	861.2	773.8	705.8	645.5	594.5	554.8	520.0	489.6	463.4
-32.5°	895.1	828.1	756.4	701.4	647.4	600.7	561.7	527.3	498.1	472.8	450.3
-35°	776.4	729.1	681.8	639.0	598.0	562.5	529.8	502.9	478.5	456.1	437.4
-37.5°	688.5	653.8	620.8	586.4	556.2	527.3	502.9	480.4	459.0	441.7	423.9
-40°	619.8	593.3	569.2	542.6	520.0	498.1	478.5	459.0	442.5	426.7	409.8
-42.5°	564.0	544.3	526.0	508.0	489.6	472.8	455.6	440.0	425.2	410.6	395.3
-45°	518.4	505.4	491.4	478.2	463.4	449.4	434.3	421.0	407.8	394.1	379.9
-47.5°	482.6	473.0	462.3	452.5	441.0	428.2	415.1	402.3	390.0	377.3	365.8
-50°	452.5	445.9	438.5	430.4	419.9	408.3	396.0	383.3	372.1	361.3	349.8
-52.5°	428.3	423.0	416.4	408.5	398.9	388.1	376.7	364.8	353.9	343.4	331.3
-55°	407.2	401.9	395.0	386.9	378.0	368.7	358.2	346.3	334.7	324.4	311.0
-57.5°	385.6	380.6	372.9	365.7	359.1	349.1	337.7	326.6	315.6	304.4	289.8
-60°	358.1	353.8	347.4	340.7	333.9	325.4	314.3	304.4	295.9	279.8	262.8
-62.5°	326.2	322.7	317.0	310.2	303.2	295.6	286.8	276.1	263.5	249.2	235.0
-65°	290.4	285.2	280.3	275.6	270.3	264.2	254.9	243.9	232.2	219.9	207.0
-67.5°	254.4	249.8	245.9	242.1	237.2	230.9	221.9	211.9	201.1	188.8	177.4
-70°	220.8	217.3	213.6	209.1	203.7	197.6	189.7	180.1	169.1	158.5	150.5
-72.5°	188.8	185.9	182.3	177.7	172.4	166.0	157.9	149.5	141.3	133.5	126.1
-75°	156.7	154.4	151.1	145.6	139.3	132.2	125.6	120.3	114.6	108.7	102.5
-77.5°	123.4	121.4	118.4	113.4	108.2	102.9	97.9	93.6	89.5	85.1	80.5
-80°	89.1	87.7	85.8	82.6	79.4	76.1	72.8	69.7	66.4	62.9	59.2
-82.5°	59.8	58.5	57.1	55.5	53.9	52.0	50.1	47.4	44.5	41.2	37.9
-85°	35.2	34.5	33.7	32.8	31.9	30.8	29.7	28.0	26.3	24.6	23.1
-87.5°	14.3	14.0	13.8	13.5	13.2	12.8	12.4	12.1	11.6	11.2	10.7
-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: P627549 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.3	9.8	9.3	8.7	8.2	7.6	7.0	6.4	5.8	5.2	4.6
85°	22.2	21.2	19.9	18.5	16.9	15.2	14.0	12.8	11.6	10.4	9.1
82.5°	35.9	34.6	33.3	31.6	29.1	26.5	23.9	21.2	18.5	15.7	13.7
80°	55.7	52.2	48.9	45.6	41.8	37.8	34.3	30.8	27.1	23.5	19.7
77.5°	75.6	70.6	65.5	60.7	55.9	50.9	45.8	40.6	35.7	31.1	26.4
75°	96.0	89.9	83.6	77.2	70.6	63.9	57.8	51.6	45.3	38.8	33.1
72.5°	118.5	110.7	102.5	94.2	86.5	78.6	70.5	62.5	55.1	47.6	40.0
70°	142.1	132.3	122.6	113.3	103.4	93.1	83.9	74.5	64.9	56.3	47.6
67.5°	166.8	156.8	145.3	132.9	121.8	110.2	97.7	86.6	75.8	64.9	55.1
65°	193.9	181.4	169.5	155.1	141.1	127.5	114.0	99.3	86.6	74.5	62.5
62.5°	220.3	205.3	191.0	176.3	160.9	145.4	130.0	113.6	97.6	83.9	70.5
60°	246.5	229.9	212.1	195.4	179.3	162.9	145.5	127.4	109.8	93.1	78.6
57.5°	271.4	253.9	233.8	214.2	196.2	179.1	160.5	140.8	121.7	103.2	86.4
55°	294.5	275.1	254.2	232.9	212.7	193.9	174.6	153.7	133.2	113.3	94.0
52.5°	315.9	295.5	273.2	250.7	228.5	208.1	187.7	166.1	144.2	122.9	102.1
50°	335.7	315.8	292.1	267.9	243.7	222.0	200.6	178.0	154.7	132.2	110.1
47.5°	352.9	334.0	311.2	284.9	259.1	235.8	213.4	189.6	164.7	141.0	117.8
45°	367.0	350.9	328.9	302.5	274.8	250.1	225.8	201.0	174.9	149.4	125.2
42.5°	380.0	365.0	345.2	319.7	291.0	264.2	238.0	212.1	184.8	157.6	132.3
40°	393.3	377.5	360.3	334.7	306.1	277.7	250.3	222.8	194.4	165.5	139.0
37.5°	405.7	389.3	371.9	348.6	319.7	290.5	262.0	233.2	203.4	173.5	145.4
35°	418.3	399.9	381.9	359.5	331.5	302.1	273.2	243.2	211.8	180.9	151.5
32.5°	430.4	409.7	390.3	368.4	342.3	312.5	283.2	252.0	219.7	187.7	157.1
30°	441.4	419.0	398.4	377.0	351.6	321.6	291.7	259.9	227.1	193.9	162.5
27.5°	450.2	426.6	406.1	384.3	358.9	329.7	299.0	267.0	233.8	199.7	167.5
25°	458.9	433.7	412.3	391.1	365.8	338.0	306.0	273.3	239.8	205.1	172.1
22.5°	468.7	440.2	417.1	397.5	372.9	345.9	312.5	278.8	244.9	210.0	176.1
20°	477.2	445.9	420.8	402.5	378.5	351.9	318.7	283.7	249.3	214.4	179.6
17.5°	484.8	452.0	425.5	405.5	382.9	357.0	324.5	288.1	253.1	218.1	182.7
15°	492.7	458.4	429.8	407.9	386.4	361.2	329.7	291.9	256.1	221.3	185.3
12.5°	499.7	463.6	433.2	409.8	389.1	364.6	334.3	295.1	258.4	224.0	187.8
10°	505.5	467.6	435.7	411.1	391.0	367.3	338.3	298.1	261.0	226.1	189.9
7.5°	510.1	470.3	437.4	411.8	392.4	369.4	341.6	301.6	263.1	227.5	191.6
5°	513.4	472.5	439.9	414.1	393.9	371.1	344.0	304.4	264.7	228.3	192.8
2.5°	515.9	474.4	442.7	416.3	394.9	372.1	345.4	306.5	265.7	228.4	193.5
0°	516.7	475.0	444.6	418.0	395.2	372.4	345.8	307.8	266.0	228.0	193.8
-2.5°	515.9	474.4	442.7	416.3	394.9	372.1	345.4	306.5	265.7	228.4	193.5
-5°	513.4	472.5	439.9	414.1	393.9	371.1	344.0	304.4	264.7	228.3	192.8
-7.5°	510.1	470.3	437.4	411.8	392.4	369.4	341.6	301.6	263.1	227.5	191.6
-10°	505.5	467.6	435.7	411.1	391.0	367.3	338.3	298.1	261.0	226.1	189.9
-12.5°	499.7	463.6	433.2	409.8	389.1	364.6	334.3	295.1	258.4	224.0	187.8
-15°	492.7	458.4	429.8	407.9	386.4	361.2	329.7	291.9	256.1	221.3	185.3
-17.5°	484.8	452.0	425.5	405.5	382.9	357.0	324.5	288.1	253.1	218.1	182.7
-20°	477.2	445.9	420.8	402.5	378.5	351.9	318.7	283.7	249.3	214.4	179.6



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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°	468.7	440.2	417.1	397.5	372.9	345.9	312.5	278.8	244.9	210.0	176.1
-25°	458.9	433.7	412.3	391.1	365.8	338.0	306.0	273.3	239.8	205.1	172.1
-27.5°	450.2	426.6	406.1	384.3	358.9	329.7	299.0	267.0	233.8	199.7	167.5
-30°	441.4	419.0	398.4	377.0	351.6	321.6	291.7	259.9	227.1	193.9	162.5
-32.5°	430.4	409.7	390.3	368.4	342.3	312.5	283.2	252.0	219.7	187.7	157.1
-35°	418.3	399.9	381.9	359.5	331.5	302.1	273.2	243.2	211.8	180.9	151.5
-37.5°	405.7	389.3	371.9	348.6	319.7	290.5	262.0	233.2	203.4	173.5	145.4
-40°	393.3	377.5	360.3	334.7	306.1	277.7	250.3	222.8	194.4	165.5	139.0
-42.5°	380.0	365.0	345.2	319.7	291.0	264.2	238.0	212.1	184.8	157.6	132.3
-45°	367.0	350.9	328.9	302.5	274.8	250.1	225.8	201.0	174.9	149.4	125.2
-47.5°	352.9	334.0	311.2	284.9	259.1	235.8	213.4	189.6	164.7	141.0	117.8
-50°	335.7	315.8	292.1	267.9	243.7	222.0	200.6	178.0	154.7	132.2	110.1
-52.5°	315.9	295.5	273.2	250.7	228.5	208.1	187.7	166.1	144.2	122.9	102.1
-55°	294.5	275.1	254.2	232.9	212.7	193.9	174.6	153.7	133.2	113.3	94.0
-57.5°	271.4	253.9	233.8	214.2	196.2	179.1	160.5	140.8	121.7	103.2	86.4
-60°	246.5	229.9	212.1	195.4	179.3	162.9	145.5	127.4	109.8	93.1	78.6
-62.5°	220.3	205.3	191.0	176.3	160.9	145.4	130.0	113.6	97.6	83.9	70.5
-65°	193.9	181.4	169.5	155.1	141.1	127.5	114.0	99.3	86.6	74.5	62.5
-67.5°	166.8	156.8	145.3	132.9	121.8	110.2	97.7	86.6	75.8	64.9	55.1
-70°	142.1	132.3	122.6	113.3	103.4	93.1	83.9	74.5	64.9	56.3	47.6
-72.5°	118.5	110.7	102.5	94.2	86.5	78.6	70.5	62.5	55.1	47.6	40.0
-75°	96.0	89.9	83.6	77.2	70.6	63.9	57.8	51.6	45.3	38.8	33.1
-77.5°	75.6	70.6	65.5	60.7	55.9	50.9	45.8	40.6	35.7	31.1	26.4
-80°	55.7	52.2	48.9	45.6	41.8	37.8	34.3	30.8	27.1	23.5	19.7
-82.5°	35.9	34.6	33.3	31.6	29.1	26.5	23.9	21.2	18.5	15.7	13.7
-85°	22.2	21.2	19.9	18.5	16.9	15.2	14.0	12.8	11.6	10.4	9.1
-87.5°	10.3	9.8	9.3	8.7	8.2	7.6	7.0	6.4	5.8	5.2	4.6
-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°	3.9	3.3	2.6	2.0	1.3	0.6	0.0
85°	7.9	6.6	5.3	4.0	2.6	1.2	0.0
82.5°	11.8	9.8	7.9	5.9	4.0	1.7	0.0
80°	15.9	13.1	10.5	7.9	5.3	2.3	0.0
77.5°	21.7	16.8	13.1	9.8	6.5	2.9	0.0
75°	27.3	21.4	15.8	11.8	7.8	3.4	0.0
72.5°	32.9	25.9	19.3	13.7	9.0	4.0	0.0
70°	38.5	30.3	22.7	15.7	10.2	4.5	0.0
67.5°	44.9	34.6	26.0	18.1	11.4	5.0	0.0
65°	51.1	39.3	29.2	20.4	12.5	5.5	0.0
62.5°	57.2	44.4	32.4	22.7	13.6	6.0	0.0
60°	63.2	49.3	35.4	24.9	14.7	6.5	0.0
57.5°	69.7	54.2	39.3	27.1	16.0	7.0	0.0
55°	76.2	58.9	43.0	29.1	17.4	7.4	0.0
52.5°	82.5	63.6	46.7	31.1	18.7	7.9	0.0
50°	88.6	68.6	50.2	33.0	20.0	8.3	0.0
47.5°	94.5	73.5	53.6	35.0	21.2	8.6	0.0
45°	100.8	78.1	56.8	37.5	22.4	9.0	0.0
42.5°	106.9	82.6	59.9	39.8	23.6	9.4	0.0
40°	112.7	86.8	63.1	42.1	24.7	9.7	0.0
37.5°	118.1	90.9	66.3	44.2	25.7	10.0	0.0
35°	123.3	95.0	69.3	46.3	26.7	10.2	0.0
32.5°	128.1	99.0	72.2	48.2	27.7	10.5	0.0
30°	132.6	102.7	74.8	50.1	28.6	10.7	0.0
27.5°	136.7	106.1	77.3	51.7	29.4	10.9	0.0
25°	140.5	109.3	79.7	53.3	30.2	11.1	0.0
22.5°	144.0	112.1	81.9	54.7	30.9	11.2	0.0
20°	147.1	114.6	83.8	56.0	31.6	11.3	0.0
17.5°	149.6	116.7	85.5	57.1	32.2	11.4	0.0
15°	151.7	118.4	87.0	58.1	32.7	11.5	0.0
12.5°	153.3	119.8	88.3	58.9	33.2	11.5	0.0
10°	154.6	120.8	89.3	59.6	33.5	11.6	0.0
7.5°	155.5	121.5	90.1	60.1	33.8	11.5	0.0
5°	156.0	121.8	90.7	60.5	34.0	11.5	0.0
2.5°	156.1	121.9	91.1	60.7	34.2	11.5	0.0
0°	155.8	121.6	91.2	60.8	34.2	11.4	0.0
-2.5°	156.1	121.9	91.1	60.7	34.2	11.5	0.0
-5°	156.0	121.8	90.7	60.5	34.0	11.5	0.0
-7.5°	155.5	121.5	90.1	60.1	33.8	11.5	0.0
-10°	154.6	120.8	89.3	59.6	33.5	11.6	0.0
-12.5°	153.3	119.8	88.3	58.9	33.2	11.5	0.0
-15°	151.7	118.4	87.0	58.1	32.7	11.5	0.0
-17.5°	149.6	116.7	85.5	57.1	32.2	11.4	0.0
-20°	147.1	114.6	83.8	56.0	31.6	11.3	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	144.0	112.1	81.9	54.7	30.9	11.2	0.0
-25°	140.5	109.3	79.7	53.3	30.2	11.1	0.0
-27.5°	136.7	106.1	77.3	51.7	29.4	10.9	0.0
-30°	132.6	102.7	74.8	50.1	28.6	10.7	0.0
-32.5°	128.1	99.0	72.2	48.2	27.7	10.5	0.0
-35°	123.3	95.0	69.3	46.3	26.7	10.2	0.0
-37.5°	118.1	90.9	66.3	44.2	25.7	10.0	0.0
-40°	112.7	86.8	63.1	42.1	24.7	9.7	0.0
-42.5°	106.9	82.6	59.9	39.8	23.6	9.4	0.0
-45°	100.8	78.1	56.8	37.5	22.4	9.0	0.0
-47.5°	94.5	73.5	53.6	35.0	21.2	8.6	0.0
-50°	88.6	68.6	50.2	33.0	20.0	8.3	0.0
-52.5°	82.5	63.6	46.7	31.1	18.7	7.9	0.0
-55°	76.2	58.9	43.0	29.1	17.4	7.4	0.0
-57.5°	69.7	54.2	39.3	27.1	16.0	7.0	0.0
-60°	63.2	49.3	35.4	24.9	14.7	6.5	0.0
-62.5°	57.2	44.4	32.4	22.7	13.6	6.0	0.0
-65°	51.1	39.3	29.2	20.4	12.5	5.5	0.0
-67.5°	44.9	34.6	26.0	18.1	11.4	5.0	0.0
-70°	38.5	30.3	22.7	15.7	10.2	4.5	0.0
-72.5°	32.9	25.9	19.3	13.7	9.0	4.0	0.0
-75°	27.3	21.4	15.8	11.8	7.8	3.4	0.0
-77.5°	21.7	16.8	13.1	9.8	6.5	2.9	0.0
-80°	15.9	13.1	10.5	7.9	5.3	2.3	0.0
-82.5°	11.8	9.8	7.9	5.9	4.0	1.7	0.0
-85°	7.9	6.6	5.3	4.0	2.6	1.2	0.0
-87.5°	3.9	3.3	2.6	2.0	1.3	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)