

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: P626803 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-735-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626803 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1E-735-U-WR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N25
Light Source: (16) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

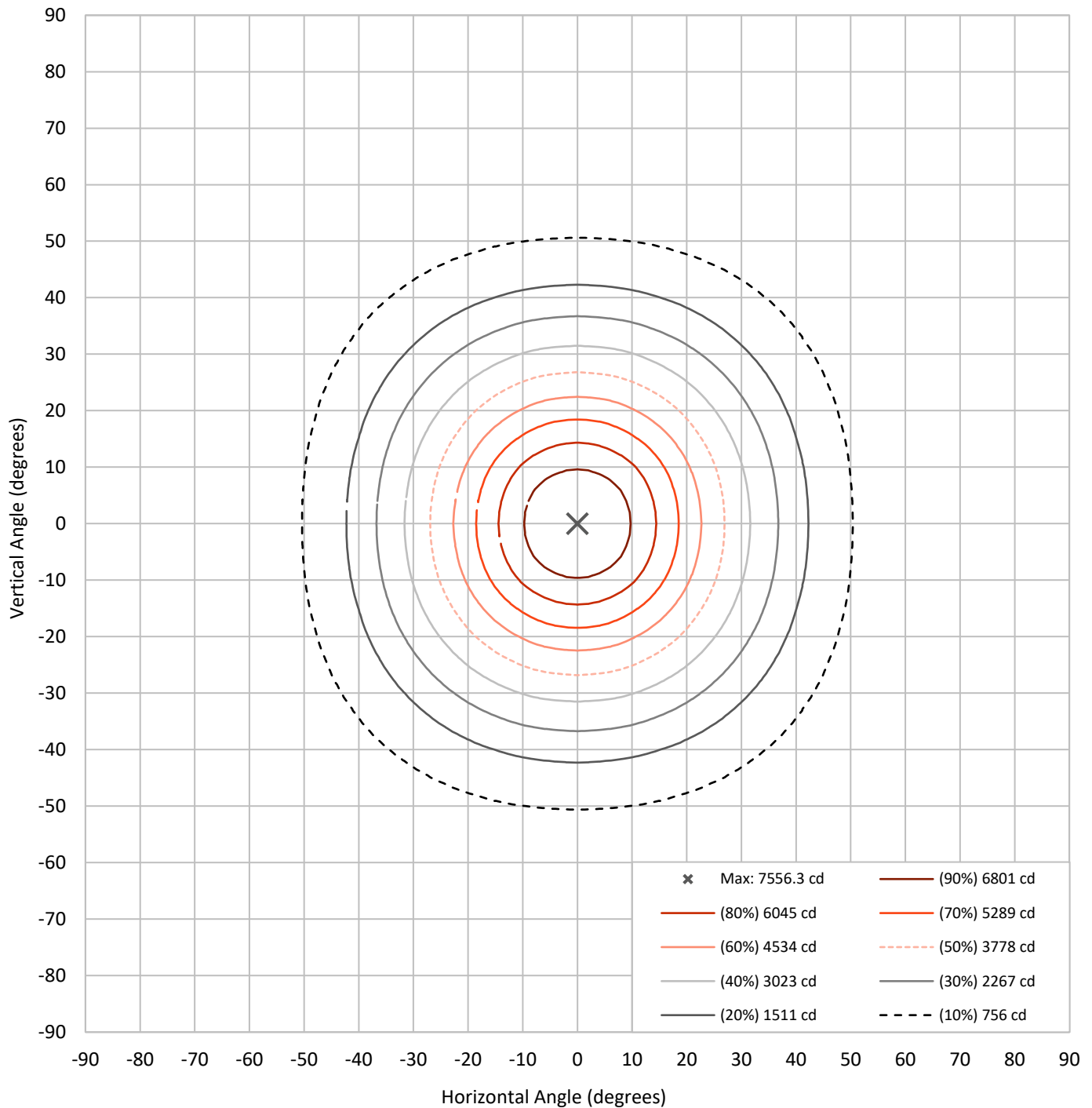
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	7690.6 lumens	Max Intensity:	7556.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	116.2 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	3677.2 lumens	Field Lumens:	6787.2 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	66.2		
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





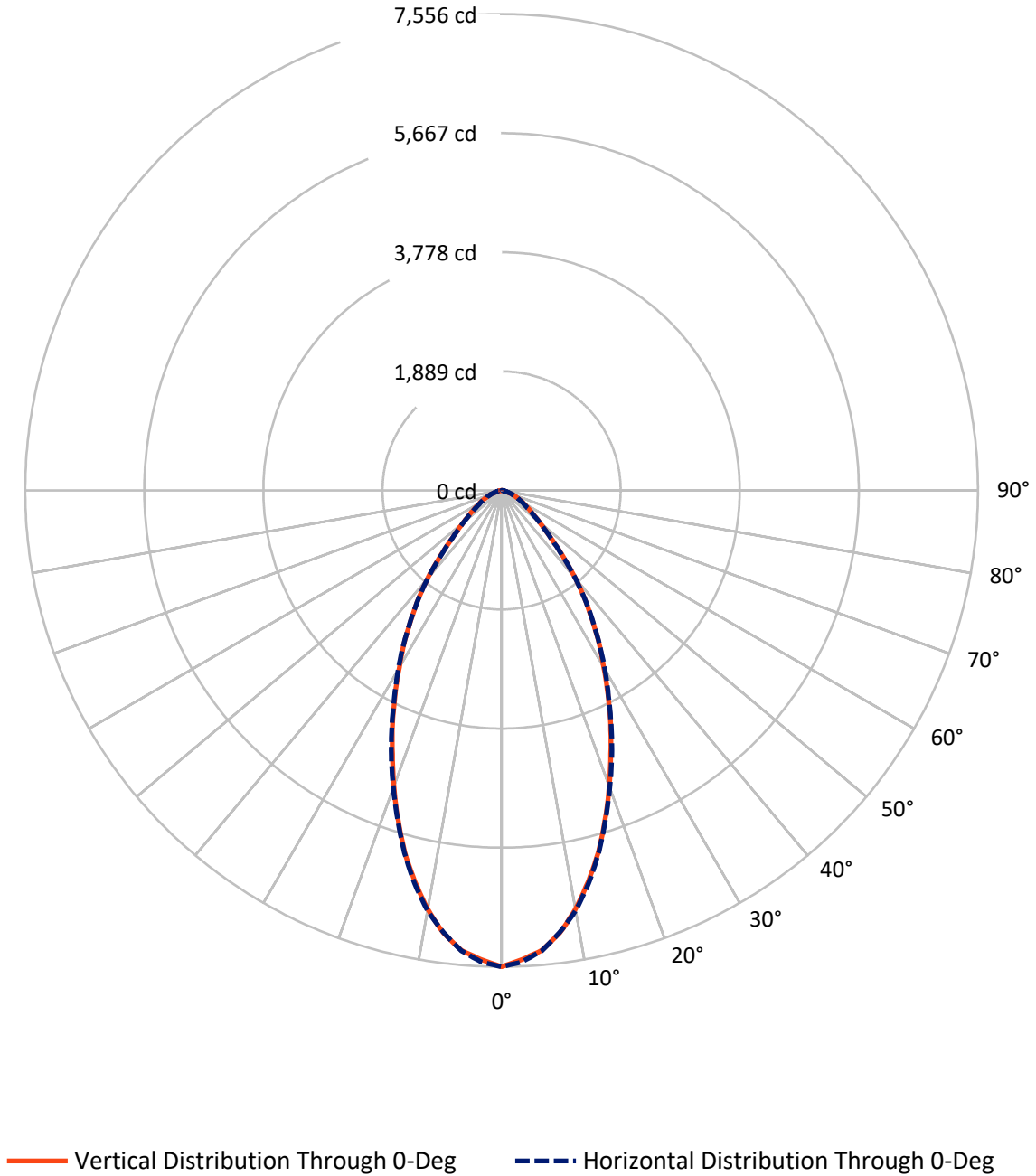
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Lumen Table

90																			
80	0.3	2.1		4.8		8.0		6.9		8.0		4.8		2.1		0.3			
70																			
60	1.0	1.2	2.2	3.5	5.1	6.7	7.8	8.4	8.4	7.8	6.7	5.1	3.5	2.2	1.2	1.0			
50		1.7	3.3	5.8	8.9	12.2	15.2	16.9	16.9	15.2	12.2	8.9	5.8	3.3	1.7				
40	1.5	2.1	4.6	8.6	14.5	22.3	30.8	36.4	36.4	30.8	22.3	14.5	8.6	4.6	2.1	1.5			
30		2.6	6.0	12.5	24.4	43.3	62.9	74.6	74.6	62.9	43.3	24.4	12.5	6.0	2.6				
20	1.7	3.0	7.5	17.5	39.4	70.8	101.4	121.2	121.2	101.4	70.8	39.4	17.5	7.5	3.0	1.7			
10		3.3	8.8	22.7	53.8	95.6	141.2	173.7	173.7	141.2	95.6	53.8	22.7	8.8	3.3				
0	1.8	3.5	9.6	26.1	61.9	111.2	169.2	212.8	212.8	169.2	111.2	61.9	26.1	9.6	3.5	1.8			
-10		3.5	9.6	26.1	61.9	111.2	169.2	212.8	212.8	169.2	111.2	61.9	26.1	9.6	3.5				
-20	1.7	3.3	8.8	22.7	53.8	95.6	141.2	173.7	173.7	141.2	95.6	53.8	22.7	8.8	3.3	1.7			
-30		3.0	7.5	17.5	39.4	70.8	101.4	121.2	121.2	101.4	70.8	39.4	17.5	7.5	3.0				
-40	1.5	2.6	6.0	12.5	24.4	43.3	62.9	74.6	74.6	62.9	43.3	24.4	12.5	6.0	2.6	1.5			
-50		2.1	4.6	8.6	14.5	22.3	30.8	36.4	36.4	30.8	22.3	14.5	8.6	4.6	2.1				
-60	1.0	1.7	3.3	5.8	8.9	12.2	15.2	16.9	16.9	15.2	12.2	8.9	5.8	3.3	1.7	1.0			
-70		1.2	2.2	3.5	5.1	6.7	7.8	8.4	8.4	7.8	6.7	5.1	3.5	2.2	1.2				
-80																			
-90	0.3	2.1		4.8		8.0		6.9		8.0		4.8		2.1		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

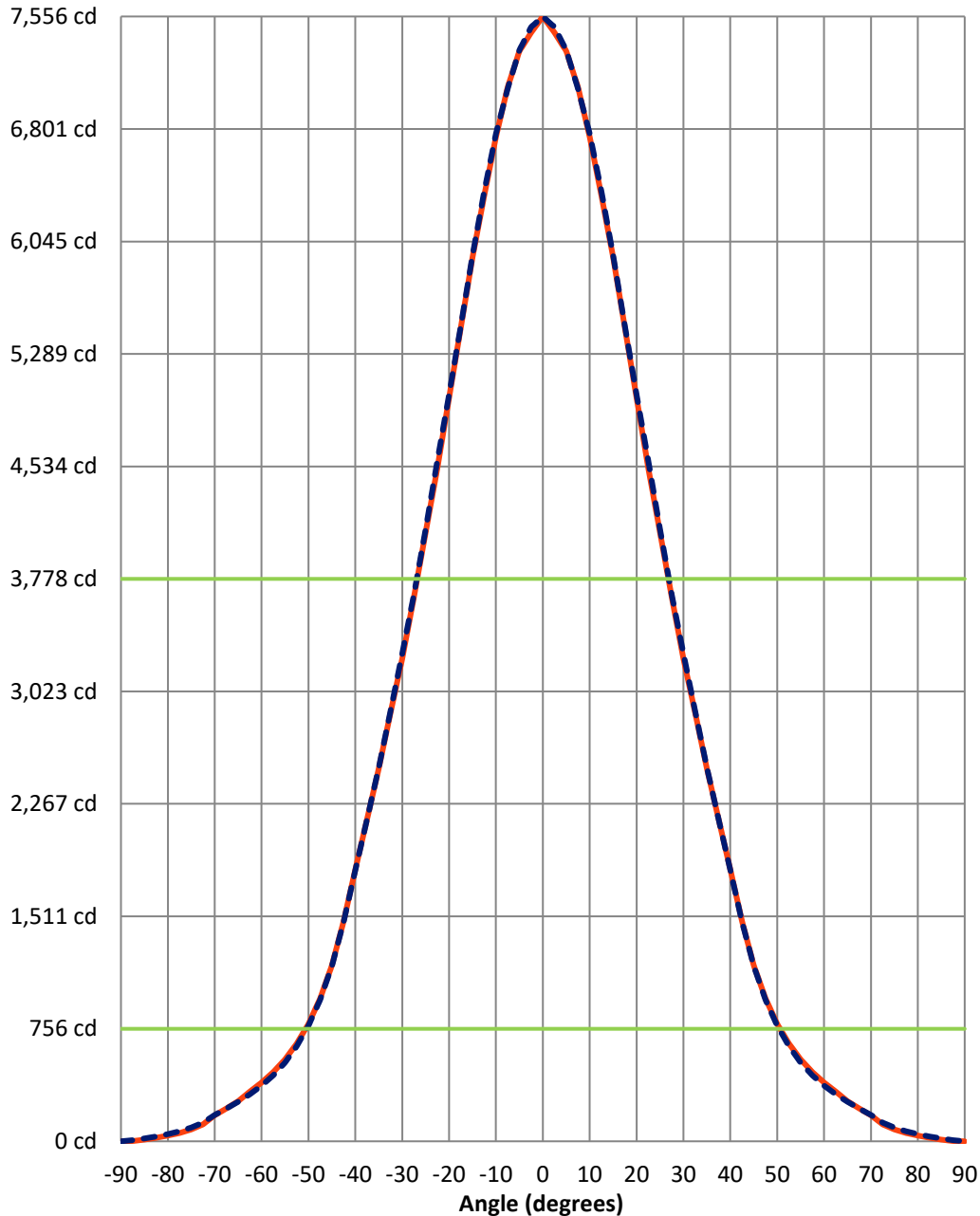
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 53.8°
V Angle: 53.6°
Lumens: 3677.2
Efficiency: 47.8%

Field:
H Angle: 100.8°
V Angle: 101.2°
Lumens: 6787.2
Efficiency: 88.3%

Spill:
Lumens: 903.4
Efficiency: 11.7%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.4	0.9	1.4	2.1	2.8	3.6	4.0	4.3	4.5	4.7
85°	0.0	0.8	1.8	2.9	4.2	5.6	7.2	8.0	8.6	9.1	9.5
82.5°	0.0	1.1	2.6	4.3	6.2	8.4	10.7	11.9	13.1	15.2	17.1
80°	0.0	1.5	3.5	5.7	8.3	11.1	14.6	18.1	21.2	23.9	26.3
77.5°	0.0	1.9	4.3	7.1	10.3	14.4	20.8	25.4	29.2	32.6	36.0
75°	0.0	2.3	5.2	8.5	12.4	18.9	26.8	32.6	37.2	41.8	46.8
72.5°	0.0	2.6	6.0	9.8	15.4	23.2	32.7	39.7	45.2	51.1	57.5
70°	0.0	3.0	6.8	11.2	18.3	27.3	38.2	46.4	53.1	60.3	68.8
67.5°	0.0	3.3	7.6	13.0	21.0	31.3	43.1	53.0	60.8	69.8	79.9
65°	0.0	3.7	8.3	14.7	23.6	34.9	47.6	59.4	68.5	78.9	90.5
62.5°	0.0	4.0	9.0	16.2	26.1	38.2	52.0	65.5	75.8	87.7	100.3
60°	0.0	4.3	9.7	17.7	28.4	41.3	56.0	71.3	82.8	96.1	109.8
57.5°	0.0	4.6	10.6	19.1	30.5	44.2	59.7	76.5	89.9	104.3	118.6
55°	0.0	4.9	11.4	20.4	32.5	46.9	63.1	80.6	96.8	112.1	127.0
52.5°	0.0	5.2	12.2	21.6	34.3	49.3	66.2	85.1	103.4	119.6	135.2
50°	0.0	5.5	13.0	22.7	36.0	51.6	69.0	89.3	109.8	126.9	144.2
47.5°	0.0	5.7	13.7	23.6	37.5	53.6	71.6	93.2	116.2	134.0	153.1
45°	0.0	6.0	14.4	24.6	38.8	55.4	74.5	96.6	120.7	141.7	161.6
42.5°	0.0	6.2	15.0	25.5	39.9	57.0	77.1	100.0	124.9	149.0	170.5
40°	0.0	6.4	15.6	26.4	40.9	58.3	79.4	103.4	129.0	155.9	179.0
37.5°	0.0	6.6	16.2	27.3	41.8	59.4	81.4	106.3	133.5	161.3	187.1
35°	0.0	6.8	16.7	28.2	42.6	60.6	83.0	109.0	137.8	167.3	195.4
32.5°	0.0	6.9	17.1	29.0	43.1	61.7	84.5	111.3	141.9	173.3	203.9
30°	0.0	7.1	17.6	29.7	43.5	62.6	86.1	113.6	145.8	179.4	212.0
27.5°	0.0	7.2	18.0	30.4	44.5	63.2	87.5	116.4	149.8	185.6	219.5
25°	0.0	7.3	18.3	30.9	45.4	63.6	88.6	118.9	154.3	191.6	226.5
22.5°	0.0	7.4	18.6	31.4	46.2	64.1	89.3	121.1	158.6	197.1	234.2
20°	0.0	7.5	18.9	31.8	46.8	65.3	89.7	123.0	162.7	202.1	241.0
17.5°	0.0	7.5	19.1	32.1	47.4	66.3	90.8	124.5	166.4	206.5	247.1
15°	0.0	7.6	19.2	32.3	47.9	67.0	92.0	125.9	169.8	210.2	252.3
12.5°	0.0	7.6	19.3	32.5	48.2	67.6	92.8	127.2	172.7	213.4	256.6
10°	0.0	7.6	19.4	32.5	48.4	67.9	93.4	127.9	174.9	216.0	260.1
7.5°	0.0	7.6	19.4	32.5	48.5	68.0	93.6	128.1	176.5	218.0	262.8
5°	0.0	7.6	19.4	32.4	48.5	68.0	93.5	127.7	177.3	219.4	264.6
2.5°	0.0	7.5	19.3	32.2	48.4	67.7	93.1	126.9	177.5	220.1	265.5
0°	0.0	7.5	19.2	32.0	48.1	67.3	92.4	125.5	176.8	220.0	265.4
-2.5°	0.0	7.5	19.3	32.2	48.4	67.7	93.1	126.9	177.5	220.1	265.5
-5°	0.0	7.6	19.4	32.4	48.5	68.0	93.5	127.7	177.3	219.4	264.6
-7.5°	0.0	7.6	19.4	32.5	48.5	68.0	93.6	128.1	176.5	218.0	262.8
-10°	0.0	7.6	19.4	32.5	48.4	67.9	93.4	127.9	174.9	216.0	260.1
-12.5°	0.0	7.6	19.3	32.5	48.2	67.6	92.8	127.2	172.7	213.4	256.6
-15°	0.0	7.6	19.2	32.3	47.9	67.0	92.0	125.9	169.8	210.2	252.3
-17.5°	0.0	7.5	19.1	32.1	47.4	66.3	90.8	124.5	166.4	206.5	247.1
-20°	0.0	7.5	18.9	31.8	46.8	65.3	89.7	123.0	162.7	202.1	241.0

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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	7.4	18.6	31.4	46.2	64.1	89.3	121.1	158.6	197.1	234.2
-25°	0.0	7.3	18.3	30.9	45.4	63.6	88.6	118.9	154.3	191.6	226.5
-27.5°	0.0	7.2	18.0	30.4	44.5	63.2	87.5	116.4	149.8	185.6	219.5
-30°	0.0	7.1	17.6	29.7	43.5	62.6	86.1	113.6	145.8	179.4	212.0
-32.5°	0.0	6.9	17.1	29.0	43.1	61.7	84.5	111.3	141.9	173.3	203.9
-35°	0.0	6.8	16.7	28.2	42.6	60.6	83.0	109.0	137.8	167.3	195.4
-37.5°	0.0	6.6	16.2	27.3	41.8	59.4	81.4	106.3	133.5	161.3	187.1
-40°	0.0	6.4	15.6	26.4	40.9	58.3	79.4	103.4	129.0	155.9	179.0
-42.5°	0.0	6.2	15.0	25.5	39.9	57.0	77.1	100.0	124.9	149.0	170.5
-45°	0.0	6.0	14.4	24.6	38.8	55.4	74.5	96.6	120.7	141.7	161.6
-47.5°	0.0	5.7	13.7	23.6	37.5	53.6	71.6	93.2	116.2	134.0	153.1
-50°	0.0	5.5	13.0	22.7	36.0	51.6	69.0	89.3	109.8	126.9	144.2
-52.5°	0.0	5.2	12.2	21.6	34.3	49.3	66.2	85.1	103.4	119.6	135.2
-55°	0.0	4.9	11.4	20.4	32.5	46.9	63.1	80.6	96.8	112.1	127.0
-57.5°	0.0	4.6	10.6	19.1	30.5	44.2	59.7	76.5	89.9	104.3	118.6
-60°	0.0	4.3	9.7	17.7	28.4	41.3	56.0	71.3	82.8	96.1	109.8
-62.5°	0.0	4.0	9.0	16.2	26.1	38.2	52.0	65.5	75.8	87.7	100.3
-65°	0.0	3.7	8.3	14.7	23.6	34.9	47.6	59.4	68.5	78.9	90.5
-67.5°	0.0	3.3	7.6	13.0	21.0	31.3	43.1	53.0	60.8	69.8	79.9
-70°	0.0	3.0	6.8	11.2	18.3	27.3	38.2	46.4	53.1	60.3	68.8
-72.5°	0.0	2.6	6.0	9.8	15.4	23.2	32.7	39.7	45.2	51.1	57.5
-75°	0.0	2.3	5.2	8.5	12.4	18.9	26.8	32.6	37.2	41.8	46.8
-77.5°	0.0	1.9	4.3	7.1	10.3	14.4	20.8	25.4	29.2	32.6	36.0
-80°	0.0	1.5	3.5	5.7	8.3	11.1	14.6	18.1	21.2	23.9	26.3
-82.5°	0.0	1.1	2.6	4.3	6.2	8.4	10.7	11.9	13.1	15.2	17.1
-85°	0.0	0.8	1.8	2.9	4.2	5.6	7.2	8.0	8.6	9.1	9.5
-87.5°	0.0	0.4	0.9	1.4	2.1	2.8	3.6	4.0	4.3	4.5	4.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.8	4.8	4.7	4.6	4.4	4.1	3.8	3.4	3.5	3.7	3.8
85°	9.6	9.6	10.4	11.2	11.5	11.6	11.3	10.8	12.2	13.9	15.6
82.5°	18.8	20.4	22.0	23.4	23.6	23.2	22.5	21.6	24.5	28.0	31.6
80°	28.8	31.2	34.0	36.6	37.2	36.9	36.1	34.8	38.6	43.9	49.7
77.5°	40.0	43.8	47.4	50.6	51.6	51.4	50.8	49.8	54.6	62.0	69.6
75°	51.8	56.4	61.0	65.0	66.7	66.8	66.6	67.8	74.1	82.8	90.4
72.5°	64.1	70.0	75.1	79.5	82.3	84.4	87.2	90.7	97.1	105.5	113.0
70°	77.1	83.6	89.0	93.9	98.2	102.8	108.7	114.6	121.3	129.8	137.5
67.5°	89.9	96.5	102.7	108.7	116.4	123.8	131.2	138.9	147.3	156.2	164.0
65°	101.8	109.3	116.8	125.5	135.6	143.9	153.0	163.0	174.1	184.1	193.2
62.5°	113.2	121.6	130.9	141.5	152.4	162.9	175.0	187.8	200.8	213.3	225.8
60°	122.8	133.3	144.6	156.6	169.1	183.4	197.6	212.9	228.4	243.5	258.9
57.5°	132.1	145.1	158.1	172.0	187.6	204.0	221.1	238.2	256.7	275.0	292.5
55°	141.7	157.0	171.8	188.3	206.2	225.4	244.7	265.5	285.9	309.0	330.2
52.5°	152.0	168.6	186.0	204.9	225.8	247.4	270.1	294.0	319.4	345.0	370.9
50°	162.0	180.7	200.0	222.7	246.1	270.8	297.0	324.8	354.4	384.0	415.4
47.5°	172.4	192.4	216.0	240.6	267.4	295.6	325.2	358.3	391.2	428.5	464.5
45°	182.7	205.8	231.4	259.9	289.4	321.1	356.4	392.6	434.7	476.8	524.1
42.5°	192.6	219.2	248.1	278.7	312.2	348.6	387.6	433.3	480.6	532.8	588.3
40°	204.0	232.1	264.6	298.8	335.1	376.7	423.7	474.4	532.1	593.9	657.0
37.5°	215.1	246.6	280.9	318.0	360.1	407.0	458.9	520.9	587.6	657.8	743.7
35°	225.5	260.4	297.7	338.3	383.9	438.2	500.2	568.8	645.7	736.2	836.4
32.5°	236.5	273.4	313.6	359.1	410.7	470.0	540.4	621.2	712.2	815.3	940.7
30°	247.5	286.9	329.3	378.5	436.0	504.6	584.7	674.0	778.5	907.9	1055.1
27.5°	257.8	299.5	345.9	399.1	460.6	536.5	627.1	731.8	855.0	1001.2	1173.1
25°	267.2	310.9	361.2	418.8	487.6	570.9	669.2	785.1	931.5	1105.9	1317.3
22.5°	276.2	321.4	374.9	436.4	512.1	604.3	714.9	847.5	1009.3	1205.0	1458.6
20°	284.6	332.7	388.6	453.3	533.9	634.4	756.9	905.7	1089.9	1321.5	1597.2
17.5°	292.0	342.6	401.6	471.6	558.2	665.0	796.5	957.1	1161.6	1425.6	1725.0
15°	298.4	351.1	412.8	487.4	580.1	695.4	838.1	1013.5	1236.4	1520.2	1837.2
12.5°	303.7	358.3	422.2	500.7	598.5	721.1	873.6	1063.7	1309.2	1609.4	1935.8
10°	307.9	364.1	429.8	511.5	613.3	742.0	902.8	1104.9	1369.9	1685.8	2019.1
7.5°	311.4	368.6	435.7	519.6	624.5	757.9	925.6	1136.6	1417.3	1746.3	2083.1
5°	313.9	371.8	440.1	525.3	632.8	769.0	941.5	1158.8	1451.0	1790.1	2126.8
2.5°	315.3	373.5	442.7	528.3	637.8	775.3	949.8	1172.7	1469.5	1815.2	2153.3
0°	315.6	373.8	443.3	528.7	639.3	776.5	951.1	1177.1	1473.5	1821.7	2162.9
-2.5°	315.3	373.5	442.7	528.3	637.8	775.3	949.8	1172.7	1469.5	1815.2	2153.3
-5°	313.9	371.8	440.1	525.3	632.8	769.0	941.5	1158.8	1451.0	1790.1	2126.8
-7.5°	311.4	368.6	435.7	519.6	624.5	757.9	925.6	1136.6	1417.3	1746.3	2083.1
-10°	307.9	364.1	429.8	511.5	613.3	742.0	902.8	1104.9	1369.9	1685.8	2019.1
-12.5°	303.7	358.3	422.2	500.7	598.5	721.1	873.6	1063.7	1309.2	1609.4	1935.8
-15°	298.4	351.1	412.8	487.4	580.1	695.4	838.1	1013.5	1236.4	1520.2	1837.2
-17.5°	292.0	342.6	401.6	471.6	558.2	665.0	796.5	957.1	1161.6	1425.6	1725.0
-20°	284.6	332.7	388.6	453.3	533.9	634.4	756.9	905.7	1089.9	1321.5	1597.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626803 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	276.2	321.4	374.9	436.4	512.1	604.3	714.9	847.5	1009.3	1205.0	1458.6
-25°	267.2	310.9	361.2	418.8	487.6	570.9	669.2	785.1	931.5	1105.9	1317.3
-27.5°	257.8	299.5	345.9	399.1	460.6	536.5	627.1	731.8	855.0	1001.2	1173.1
-30°	247.5	286.9	329.3	378.5	436.0	504.6	584.7	674.0	778.5	907.9	1055.1
-32.5°	236.5	273.4	313.6	359.1	410.7	470.0	540.4	621.2	712.2	815.3	940.7
-35°	225.5	260.4	297.7	338.3	383.9	438.2	500.2	568.8	645.7	736.2	836.4
-37.5°	215.1	246.6	280.9	318.0	360.1	407.0	458.9	520.9	587.6	657.8	743.7
-40°	204.0	232.1	264.6	298.8	335.1	376.7	423.7	474.4	532.1	593.9	657.0
-42.5°	192.6	219.2	248.1	278.7	312.2	348.6	387.6	433.3	480.6	532.8	588.3
-45°	182.7	205.8	231.4	259.9	289.4	321.1	356.4	392.6	434.7	476.8	524.1
-47.5°	172.4	192.4	216.0	240.6	267.4	295.6	325.2	358.3	391.2	428.5	464.5
-50°	162.0	180.7	200.0	222.7	246.1	270.8	297.0	324.8	354.4	384.0	415.4
-52.5°	152.0	168.6	186.0	204.9	225.8	247.4	270.1	294.0	319.4	345.0	370.9
-55°	141.7	157.0	171.8	188.3	206.2	225.4	244.7	265.5	285.9	309.0	330.2
-57.5°	132.1	145.1	158.1	172.0	187.6	204.0	221.1	238.2	256.7	275.0	292.5
-60°	122.8	133.3	144.6	156.6	169.1	183.4	197.6	212.9	228.4	243.5	258.9
-62.5°	113.2	121.6	130.9	141.5	152.4	162.9	175.0	187.8	200.8	213.3	225.8
-65°	101.8	109.3	116.8	125.5	135.6	143.9	153.0	163.0	174.1	184.1	193.2
-67.5°	89.9	96.5	102.7	108.7	116.4	123.8	131.2	138.9	147.3	156.2	164.0
-70°	77.1	83.6	89.0	93.9	98.2	102.8	108.7	114.6	121.3	129.8	137.5
-72.5°	64.1	70.0	75.1	79.5	82.3	84.4	87.2	90.7	97.1	105.5	113.0
-75°	51.8	56.4	61.0	65.0	66.7	66.8	66.6	67.8	74.1	82.8	90.4
-77.5°	40.0	43.8	47.4	50.6	51.6	51.4	50.8	49.8	54.6	62.0	69.6
-80°	28.8	31.2	34.0	36.6	37.2	36.9	36.1	34.8	38.6	43.9	49.7
-82.5°	18.8	20.4	22.0	23.4	23.6	23.2	22.5	21.6	24.5	28.0	31.6
-85°	9.6	9.6	10.4	11.2	11.5	11.6	11.3	10.8	12.2	13.9	15.6
-87.5°	4.8	4.8	4.7	4.6	4.4	4.1	3.8	3.4	3.5	3.7	3.8
-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: P626803 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.9	3.8	3.7	3.5	3.4	3.3	3.2	3.2	3.1	2.9	2.6
85°	17.4	17.8	18.0	18.1	18.1	18.7	19.2	19.7	20.2	18.3	16.2
82.5°	35.3	37.0	38.4	39.9	41.3	42.3	43.0	43.6	43.9	39.8	35.1
80°	55.6	59.1	61.9	64.7	67.3	68.0	68.0	67.6	66.9	61.2	54.8
77.5°	77.3	81.9	85.5	89.1	92.6	93.9	94.5	95.0	95.3	88.3	79.6
75°	97.0	102.4	107.5	112.2	116.5	118.8	120.2	121.3	122.1	115.1	105.8
72.5°	119.5	125.3	130.7	135.9	140.5	143.5	145.5	147.2	148.5	144.5	138.6
70°	144.2	150.1	155.9	161.3	166.5	170.6	173.9	176.6	179.0	179.4	179.2
67.5°	171.6	178.6	185.5	191.4	197.6	203.4	208.5	212.7	216.1	218.3	219.6
65°	202.4	213.0	222.4	230.4	237.0	244.7	251.6	256.8	260.4	263.2	265.6
62.5°	238.7	251.5	262.3	272.9	283.9	294.6	301.2	307.9	314.4	320.6	325.8
60°	273.6	287.6	302.2	315.8	328.4	340.0	351.9	362.5	371.8	379.5	385.3
57.5°	310.8	327.9	344.5	361.7	377.9	393.0	407.8	421.5	433.3	443.2	451.3
55°	351.2	372.1	391.8	413.7	434.9	454.3	472.1	490.3	506.7	521.2	532.7
52.5°	394.8	422.0	448.0	473.7	501.2	526.0	548.2	573.5	595.9	614.5	628.9
50°	446.8	478.7	513.1	545.0	579.6	613.8	645.3	675.8	705.6	731.4	752.2
47.5°	506.0	545.3	587.9	630.1	673.1	719.8	761.5	800.2	841.9	878.1	907.1
45°	571.8	621.9	673.4	732.7	787.3	847.3	902.8	952.7	1011.8	1063.9	1105.8
42.5°	644.8	711.6	779.3	854.0	926.5	1002.6	1083.5	1155.2	1233.6	1308.4	1368.9
40°	735.3	815.1	905.8	996.3	1100.3	1198.0	1315.9	1422.9	1520.1	1609.3	1682.4
37.5°	835.9	938.6	1052.5	1170.3	1312.7	1452.4	1590.2	1720.4	1835.3	1932.9	2014.8
35°	950.1	1080.6	1218.5	1390.5	1557.4	1724.6	1880.3	2022.6	2147.6	2257.7	2351.3
32.5°	1081.4	1238.0	1431.2	1624.4	1814.7	1998.8	2169.8	2325.0	2462.1	2585.7	2693.3
30°	1219.4	1433.2	1650.0	1862.0	2069.9	2271.5	2459.1	2630.0	2784.9	2922.5	3046.6
27.5°	1394.9	1631.8	1868.2	2096.7	2325.4	2546.0	2749.4	2939.3	3117.0	3272.6	3414.3
25°	1564.6	1826.4	2077.6	2326.8	2575.7	2812.6	3040.0	3254.5	3458.0	3636.5	3794.8
22.5°	1734.2	2008.2	2276.7	2544.6	2812.0	3076.1	3331.5	3577.2	3804.8	4008.1	4186.2
20°	1891.4	2177.8	2464.9	2753.8	3043.6	3332.7	3619.5	3896.0	4149.6	4384.3	4590.5
17.5°	2032.2	2336.9	2641.3	2950.3	3264.4	3578.3	3896.9	4206.8	4496.8	4763.8	5003.0
15°	2157.0	2474.9	2801.9	3135.2	3472.6	3813.4	4161.1	4507.9	4834.3	5137.5	5404.6
12.5°	2266.0	2596.6	2939.2	3293.4	3659.7	4031.0	4410.3	4790.5	5151.8	5502.0	5790.4
10°	2356.1	2700.0	3058.2	3430.4	3816.6	4216.2	4623.2	5032.5	5430.6	5802.0	6131.8
7.5°	2425.6	2782.4	3151.5	3538.6	3943.8	4365.2	4796.3	5230.7	5655.5	6055.7	6420.5
5°	2474.6	2842.4	3216.1	3618.8	4038.0	4474.7	4922.8	5375.4	5819.5	6240.3	6618.5
2.5°	2503.1	2878.4	3253.8	3667.5	4094.0	4541.0	5001.3	5461.3	5917.1	6353.6	6742.2
0°	2510.6	2889.2	3275.4	3672.7	4111.7	4572.0	5015.8	5477.3	5951.0	6381.4	6768.6
-2.5°	2503.1	2878.4	3253.8	3667.5	4094.0	4541.0	5001.3	5461.3	5917.1	6353.6	6742.2
-5°	2474.6	2842.4	3216.1	3618.8	4038.0	4474.7	4922.8	5375.4	5819.5	6240.3	6618.5
-7.5°	2425.6	2782.4	3151.5	3538.6	3943.8	4365.2	4796.3	5230.7	5655.5	6055.7	6420.5
-10°	2356.1	2700.0	3058.2	3430.4	3816.6	4216.2	4623.2	5032.5	5430.6	5802.0	6131.8
-12.5°	2266.0	2596.6	2939.2	3293.4	3659.7	4031.0	4410.3	4790.5	5151.8	5502.0	5790.4
-15°	2157.0	2474.9	2801.9	3135.2	3472.6	3813.4	4161.1	4507.9	4834.3	5137.5	5404.6
-17.5°	2032.2	2336.9	2641.3	2950.3	3264.4	3578.3	3896.9	4206.8	4496.8	4763.8	5003.0
-20°	1891.4	2177.8	2464.9	2753.8	3043.6	3332.7	3619.5	3896.0	4149.6	4384.3	4590.5

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P626803 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1734.2	2008.2	2276.7	2544.6	2812.0	3076.1	3331.5	3577.2	3804.8	4008.1	4186.2
-25°	1564.6	1826.4	2077.6	2326.8	2575.7	2812.6	3040.0	3254.5	3458.0	3636.5	3794.8
-27.5°	1394.9	1631.8	1868.2	2096.7	2325.4	2546.0	2749.4	2939.3	3117.0	3272.6	3414.3
-30°	1219.4	1433.2	1650.0	1862.0	2069.9	2271.5	2459.1	2630.0	2784.9	2922.5	3046.6
-32.5°	1081.4	1238.0	1431.2	1624.4	1814.7	1998.8	2169.8	2325.0	2462.1	2585.7	2693.3
-35°	950.1	1080.6	1218.5	1390.5	1557.4	1724.6	1880.3	2022.6	2147.6	2257.7	2351.3
-37.5°	835.9	938.6	1052.5	1170.3	1312.7	1452.4	1590.2	1720.4	1835.3	1932.9	2014.8
-40°	735.3	815.1	905.8	996.3	1100.3	1198.0	1315.9	1422.9	1520.1	1609.3	1682.4
-42.5°	644.8	711.6	779.3	854.0	926.5	1002.6	1083.5	1155.2	1233.6	1308.4	1368.9
-45°	571.8	621.9	673.4	732.7	787.3	847.3	902.8	952.7	1011.8	1063.9	1105.8
-47.5°	506.0	545.3	587.9	630.1	673.1	719.8	761.5	800.2	841.9	878.1	907.1
-50°	446.8	478.7	513.1	545.0	579.6	613.8	645.3	675.8	705.6	731.4	752.2
-52.5°	394.8	422.0	448.0	473.7	501.2	526.0	548.2	573.5	595.9	614.5	628.9
-55°	351.2	372.1	391.8	413.7	434.9	454.3	472.1	490.3	506.7	521.2	532.7
-57.5°	310.8	327.9	344.5	361.7	377.9	393.0	407.8	421.5	433.3	443.2	451.3
-60°	273.6	287.6	302.2	315.8	328.4	340.0	351.9	362.5	371.8	379.5	385.3
-62.5°	238.7	251.5	262.3	272.9	283.9	294.6	301.2	307.9	314.4	320.6	325.8
-65°	202.4	213.0	222.4	230.4	237.0	244.7	251.6	256.8	260.4	263.2	265.6
-67.5°	171.6	178.6	185.5	191.4	197.6	203.4	208.5	212.7	216.1	218.3	219.6
-70°	144.2	150.1	155.9	161.3	166.5	170.6	173.9	176.6	179.0	179.4	179.2
-72.5°	119.5	125.3	130.7	135.9	140.5	143.5	145.5	147.2	148.5	144.5	138.6
-75°	97.0	102.4	107.5	112.2	116.5	118.8	120.2	121.3	122.1	115.1	105.8
-77.5°	77.3	81.9	85.5	89.1	92.6	93.9	94.5	95.0	95.3	88.3	79.6
-80°	55.6	59.1	61.9	64.7	67.3	68.0	68.0	67.6	66.9	61.2	54.8
-82.5°	35.3	37.0	38.4	39.9	41.3	42.3	43.0	43.6	43.9	39.8	35.1
-85°	17.4	17.8	18.0	18.1	18.1	18.7	19.2	19.7	20.2	18.3	16.2
-87.5°	3.9	3.8	3.7	3.5	3.4	3.3	3.2	3.2	3.1	2.9	2.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626803 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.4	2.1	1.8	1.6	1.8	2.1	2.4	2.6	2.9	3.1	3.2
85°	14.0	11.6	11.4	11.2	11.4	11.6	14.0	16.2	18.3	20.2	19.7
82.5°	30.2	25.0	24.3	23.5	24.3	25.0	30.2	35.1	39.8	43.9	43.6
80°	48.0	41.1	39.8	38.5	39.8	41.1	48.0	54.8	61.2	66.9	67.6
77.5°	70.5	61.0	58.2	55.5	58.2	61.0	70.5	79.6	88.3	95.3	95.0
75°	96.1	86.1	82.8	79.6	82.8	86.1	96.1	105.8	115.1	122.1	121.3
72.5°	132.8	126.7	120.5	113.8	120.5	126.7	132.8	138.6	144.5	148.5	147.2
70°	179.0	178.6	177.0	174.6	177.0	178.6	179.0	179.2	179.4	179.0	176.6
67.5°	220.1	219.9	220.5	220.6	220.5	219.9	220.1	219.6	218.3	216.1	212.7
65°	267.1	267.6	268.7	269.2	268.7	267.6	267.1	265.6	263.2	260.4	256.8
62.5°	329.9	332.6	334.0	333.8	334.0	332.6	329.9	325.8	320.6	314.4	307.9
60°	389.6	392.4	394.2	394.7	394.2	392.4	389.6	385.3	379.5	371.8	362.5
57.5°	457.7	462.3	464.8	465.2	464.8	462.3	457.7	451.3	443.2	433.3	421.5
55°	541.5	547.6	550.4	550.1	550.4	547.6	541.5	532.7	521.2	506.7	490.3
52.5°	639.9	647.3	653.0	656.4	653.0	647.3	639.9	628.9	614.5	595.9	573.5
50°	767.9	778.6	785.5	788.3	785.5	778.6	767.9	752.2	731.4	705.6	675.8
47.5°	928.1	942.4	952.9	960.2	952.9	942.4	928.1	907.1	878.1	841.9	800.2
45°	1136.8	1158.5	1173.2	1181.9	1173.2	1158.5	1136.8	1105.8	1063.9	1011.8	952.7
42.5°	1416.0	1449.7	1470.4	1478.3	1470.4	1449.7	1416.0	1368.9	1308.4	1233.6	1155.2
40°	1740.1	1780.5	1807.0	1825.4	1807.0	1780.5	1740.1	1682.4	1609.3	1520.1	1422.9
37.5°	2077.6	2120.0	2145.9	2163.5	2145.9	2120.0	2077.6	2014.8	1932.9	1835.3	1720.4
35°	2421.9	2466.4	2490.6	2504.2	2490.6	2466.4	2421.9	2351.3	2257.7	2147.6	2022.6
32.5°	2775.4	2824.4	2850.8	2878.0	2850.8	2824.4	2775.4	2693.3	2585.7	2462.1	2325.0
30°	3144.6	3200.8	3228.4	3241.7	3228.4	3200.8	3144.6	3046.6	2922.5	2784.9	2630.0
27.5°	3528.8	3598.9	3633.4	3656.1	3633.4	3598.9	3528.8	3414.3	3272.6	3117.0	2939.3
25°	3928.5	4015.4	4054.9	4090.3	4054.9	4015.4	3928.5	3794.8	3636.5	3458.0	3254.5
22.5°	4343.2	4451.4	4497.2	4522.4	4497.2	4451.4	4343.2	4186.2	4008.1	3804.8	3577.2
20°	4768.8	4898.1	4961.7	4994.5	4961.7	4898.1	4768.8	4590.5	4384.3	4149.6	3896.0
17.5°	5204.0	5364.8	5447.1	5466.0	5447.1	5364.8	5204.0	5003.0	4763.8	4496.8	4206.8
15°	5631.2	5805.1	5902.5	5938.1	5902.5	5805.1	5631.2	5404.6	5137.5	4834.3	4507.9
12.5°	6035.8	6216.0	6332.4	6353.1	6332.4	6216.0	6035.8	5790.4	5502.0	5151.8	4790.5
10°	6402.7	6589.4	6718.0	6747.2	6718.0	6589.4	6402.7	6131.8	5802.0	5430.6	5032.5
7.5°	6709.5	6914.4	7056.3	7081.0	7056.3	6914.4	6709.5	6420.5	6055.7	5655.5	5230.7
5°	6933.9	7177.2	7293.7	7322.9	7293.7	7177.2	6933.9	6618.5	6240.3	5819.5	5375.4
2.5°	7057.0	7304.7	7466.6	7447.9	7466.6	7304.7	7057.0	6742.2	6353.6	5917.1	5461.3
0°	7070.9	7329.9	7484.8	7556.3	7484.8	7329.9	7070.9	6768.6	6381.4	5951.0	5477.3
-2.5°	7057.0	7304.7	7466.6	7447.9	7466.6	7304.7	7057.0	6742.2	6353.6	5917.1	5461.3
-5°	6933.9	7177.2	7293.7	7322.9	7293.7	7177.2	6933.9	6618.5	6240.3	5819.5	5375.4
-7.5°	6709.5	6914.4	7056.3	7081.0	7056.3	6914.4	6709.5	6420.5	6055.7	5655.5	5230.7
-10°	6402.7	6589.4	6718.0	6747.2	6718.0	6589.4	6402.7	6131.8	5802.0	5430.6	5032.5
-12.5°	6035.8	6216.0	6332.4	6353.1	6332.4	6216.0	6035.8	5790.4	5502.0	5151.8	4790.5
-15°	5631.2	5805.1	5902.5	5938.1	5902.5	5805.1	5631.2	5404.6	5137.5	4834.3	4507.9
-17.5°	5204.0	5364.8	5447.1	5466.0	5447.1	5364.8	5204.0	5003.0	4763.8	4496.8	4206.8
-20°	4768.8	4898.1	4961.7	4994.5	4961.7	4898.1	4768.8	4590.5	4384.3	4149.6	3896.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626803 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4343.2	4451.4	4497.2	4522.4	4497.2	4451.4	4343.2	4186.2	4008.1	3804.8	3577.2
-25°	3928.5	4015.4	4054.9	4090.3	4054.9	4015.4	3928.5	3794.8	3636.5	3458.0	3254.5
-27.5°	3528.8	3598.9	3633.4	3656.1	3633.4	3598.9	3528.8	3414.3	3272.6	3117.0	2939.3
-30°	3144.6	3200.8	3228.4	3241.7	3228.4	3200.8	3144.6	3046.6	2922.5	2784.9	2630.0
-32.5°	2775.4	2824.4	2850.8	2878.0	2850.8	2824.4	2775.4	2693.3	2585.7	2462.1	2325.0
-35°	2421.9	2466.4	2490.6	2504.2	2490.6	2466.4	2421.9	2351.3	2257.7	2147.6	2022.6
-37.5°	2077.6	2120.0	2145.9	2163.5	2145.9	2120.0	2077.6	2014.8	1932.9	1835.3	1720.4
-40°	1740.1	1780.5	1807.0	1825.4	1807.0	1780.5	1740.1	1682.4	1609.3	1520.1	1422.9
-42.5°	1416.0	1449.7	1470.4	1478.3	1470.4	1449.7	1416.0	1368.9	1308.4	1233.6	1155.2
-45°	1136.8	1158.5	1173.2	1181.9	1173.2	1158.5	1136.8	1105.8	1063.9	1011.8	952.7
-47.5°	928.1	942.4	952.9	960.2	952.9	942.4	928.1	907.1	878.1	841.9	800.2
-50°	767.9	778.6	785.5	788.3	785.5	778.6	767.9	752.2	731.4	705.6	675.8
-52.5°	639.9	647.3	653.0	656.4	653.0	647.3	639.9	628.9	614.5	595.9	573.5
-55°	541.5	547.6	550.4	550.1	550.4	547.6	541.5	532.7	521.2	506.7	490.3
-57.5°	457.7	462.3	464.8	465.2	464.8	462.3	457.7	451.3	443.2	433.3	421.5
-60°	389.6	392.4	394.2	394.7	394.2	392.4	389.6	385.3	379.5	371.8	362.5
-62.5°	329.9	332.6	334.0	333.8	334.0	332.6	329.9	325.8	320.6	314.4	307.9
-65°	267.1	267.6	268.7	269.2	268.7	267.6	267.1	265.6	263.2	260.4	256.8
-67.5°	220.1	219.9	220.5	220.6	220.5	219.9	220.1	219.6	218.3	216.1	212.7
-70°	179.0	178.6	177.0	174.6	177.0	178.6	179.0	179.2	179.4	179.0	176.6
-72.5°	132.8	126.7	120.5	113.8	120.5	126.7	132.8	138.6	144.5	148.5	147.2
-75°	96.1	86.1	82.8	79.6	82.8	86.1	96.1	105.8	115.1	122.1	121.3
-77.5°	70.5	61.0	58.2	55.5	58.2	61.0	70.5	79.6	88.3	95.3	95.0
-80°	48.0	41.1	39.8	38.5	39.8	41.1	48.0	54.8	61.2	66.9	67.6
-82.5°	30.2	25.0	24.3	23.5	24.3	25.0	30.2	35.1	39.8	43.9	43.6
-85°	14.0	11.6	11.4	11.2	11.4	11.6	14.0	16.2	18.3	20.2	19.7
-87.5°	2.4	2.1	1.8	1.6	1.8	2.1	2.4	2.6	2.9	3.1	3.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626803 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.2	3.3	3.4	3.5	3.7	3.8	3.9	3.8	3.7	3.5	3.4
85°	19.2	18.7	18.1	18.1	18.0	17.8	17.4	15.6	13.9	12.2	10.8
82.5°	43.0	42.3	41.3	39.9	38.4	37.0	35.3	31.6	28.0	24.5	21.6
80°	68.0	68.0	67.3	64.7	61.9	59.1	55.6	49.7	43.9	38.6	34.8
77.5°	94.5	93.9	92.6	89.1	85.5	81.9	77.3	69.6	62.0	54.6	49.8
75°	120.2	118.8	116.5	112.2	107.5	102.4	97.0	90.4	82.8	74.1	67.8
72.5°	145.5	143.5	140.5	135.9	130.7	125.3	119.5	113.0	105.5	97.1	90.7
70°	173.9	170.6	166.5	161.3	155.9	150.1	144.2	137.5	129.8	121.3	114.6
67.5°	208.5	203.4	197.6	191.4	185.5	178.6	171.6	164.0	156.2	147.3	138.9
65°	251.6	244.7	237.0	230.4	222.4	213.0	202.4	193.2	184.1	174.1	163.0
62.5°	301.2	294.6	283.9	272.9	262.3	251.5	238.7	225.8	213.3	200.8	187.8
60°	351.9	340.0	328.4	315.8	302.2	287.6	273.6	258.9	243.5	228.4	212.9
57.5°	407.8	393.0	377.9	361.7	344.5	327.9	310.8	292.5	275.0	256.7	238.2
55°	472.1	454.3	434.9	413.7	391.8	372.1	351.2	330.2	309.0	285.9	265.5
52.5°	548.2	526.0	501.2	473.7	448.0	422.0	394.8	370.9	345.0	319.4	294.0
50°	645.3	613.8	579.6	545.0	513.1	478.7	446.8	415.4	384.0	354.4	324.8
47.5°	761.5	719.8	673.1	630.1	587.9	545.3	506.0	464.5	428.5	391.2	358.3
45°	902.8	847.3	787.3	732.7	673.4	621.9	571.8	524.1	476.8	434.7	392.6
42.5°	1083.5	1002.6	926.5	854.0	779.3	711.6	644.8	588.3	532.8	480.6	433.3
40°	1315.9	1198.0	1100.3	996.3	905.8	815.1	735.3	657.0	593.9	532.1	474.4
37.5°	1590.2	1452.4	1312.7	1170.3	1052.5	938.6	835.9	743.7	657.8	587.6	520.9
35°	1880.3	1724.6	1557.4	1390.5	1218.5	1080.6	950.1	836.4	736.2	645.7	568.8
32.5°	2169.8	1998.8	1814.7	1624.4	1431.2	1238.0	1081.4	940.7	815.3	712.2	621.2
30°	2459.1	2271.5	2069.9	1862.0	1650.0	1433.2	1219.4	1055.1	907.9	778.5	674.0
27.5°	2749.4	2546.0	2325.4	2096.7	1868.2	1631.8	1394.9	1173.1	1001.2	855.0	731.8
25°	3040.0	2812.6	2575.7	2326.8	2077.6	1826.4	1564.6	1317.3	1105.9	931.5	785.1
22.5°	3331.5	3076.1	2812.0	2544.6	2276.7	2008.2	1734.2	1458.6	1205.0	1009.3	847.5
20°	3619.5	3332.7	3043.6	2753.8	2464.9	2177.8	1891.4	1597.2	1321.5	1089.9	905.7
17.5°	3896.9	3578.3	3264.4	2950.3	2641.3	2336.9	2032.2	1725.0	1425.6	1161.6	957.1
15°	4161.1	3813.4	3472.6	3135.2	2801.9	2474.9	2157.0	1837.2	1520.2	1236.4	1013.5
12.5°	4410.3	4031.0	3659.7	3293.4	2939.2	2596.6	2266.0	1935.8	1609.4	1309.2	1063.7
10°	4623.2	4216.2	3816.6	3430.4	3058.2	2700.0	2356.1	2019.1	1685.8	1369.9	1104.9
7.5°	4796.3	4365.2	3943.8	3538.6	3151.5	2782.4	2425.6	2083.1	1746.3	1417.3	1136.6
5°	4922.8	4474.7	4038.0	3618.8	3216.1	2842.4	2474.6	2126.8	1790.1	1451.0	1158.8
2.5°	5001.3	4541.0	4094.0	3667.5	3253.8	2878.4	2503.1	2153.3	1815.2	1469.5	1172.7
0°	5015.8	4572.0	4111.7	3672.7	3275.4	2889.2	2510.6	2162.9	1821.7	1473.5	1177.1
-2.5°	5001.3	4541.0	4094.0	3667.5	3253.8	2878.4	2503.1	2153.3	1815.2	1469.5	1172.7
-5°	4922.8	4474.7	4038.0	3618.8	3216.1	2842.4	2474.6	2126.8	1790.1	1451.0	1158.8
-7.5°	4796.3	4365.2	3943.8	3538.6	3151.5	2782.4	2425.6	2083.1	1746.3	1417.3	1136.6
-10°	4623.2	4216.2	3816.6	3430.4	3058.2	2700.0	2356.1	2019.1	1685.8	1369.9	1104.9
-12.5°	4410.3	4031.0	3659.7	3293.4	2939.2	2596.6	2266.0	1935.8	1609.4	1309.2	1063.7
-15°	4161.1	3813.4	3472.6	3135.2	2801.9	2474.9	2157.0	1837.2	1520.2	1236.4	1013.5
-17.5°	3896.9	3578.3	3264.4	2950.3	2641.3	2336.9	2032.2	1725.0	1425.6	1161.6	957.1
-20°	3619.5	3332.7	3043.6	2753.8	2464.9	2177.8	1891.4	1597.2	1321.5	1089.9	905.7



REPORT NUMBER: P626803 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3331.5	3076.1	2812.0	2544.6	2276.7	2008.2	1734.2	1458.6	1205.0	1009.3	847.5
-25°	3040.0	2812.6	2575.7	2326.8	2077.6	1826.4	1564.6	1317.3	1105.9	931.5	785.1
-27.5°	2749.4	2546.0	2325.4	2096.7	1868.2	1631.8	1394.9	1173.1	1001.2	855.0	731.8
-30°	2459.1	2271.5	2069.9	1862.0	1650.0	1433.2	1219.4	1055.1	907.9	778.5	674.0
-32.5°	2169.8	1998.8	1814.7	1624.4	1431.2	1238.0	1081.4	940.7	815.3	712.2	621.2
-35°	1880.3	1724.6	1557.4	1390.5	1218.5	1080.6	950.1	836.4	736.2	645.7	568.8
-37.5°	1590.2	1452.4	1312.7	1170.3	1052.5	938.6	835.9	743.7	657.8	587.6	520.9
-40°	1315.9	1198.0	1100.3	996.3	905.8	815.1	735.3	657.0	593.9	532.1	474.4
-42.5°	1083.5	1002.6	926.5	854.0	779.3	711.6	644.8	588.3	532.8	480.6	433.3
-45°	902.8	847.3	787.3	732.7	673.4	621.9	571.8	524.1	476.8	434.7	392.6
-47.5°	761.5	719.8	673.1	630.1	587.9	545.3	506.0	464.5	428.5	391.2	358.3
-50°	645.3	613.8	579.6	545.0	513.1	478.7	446.8	415.4	384.0	354.4	324.8
-52.5°	548.2	526.0	501.2	473.7	448.0	422.0	394.8	370.9	345.0	319.4	294.0
-55°	472.1	454.3	434.9	413.7	391.8	372.1	351.2	330.2	309.0	285.9	265.5
-57.5°	407.8	393.0	377.9	361.7	344.5	327.9	310.8	292.5	275.0	256.7	238.2
-60°	351.9	340.0	328.4	315.8	302.2	287.6	273.6	258.9	243.5	228.4	212.9
-62.5°	301.2	294.6	283.9	272.9	262.3	251.5	238.7	225.8	213.3	200.8	187.8
-65°	251.6	244.7	237.0	230.4	222.4	213.0	202.4	193.2	184.1	174.1	163.0
-67.5°	208.5	203.4	197.6	191.4	185.5	178.6	171.6	164.0	156.2	147.3	138.9
-70°	173.9	170.6	166.5	161.3	155.9	150.1	144.2	137.5	129.8	121.3	114.6
-72.5°	145.5	143.5	140.5	135.9	130.7	125.3	119.5	113.0	105.5	97.1	90.7
-75°	120.2	118.8	116.5	112.2	107.5	102.4	97.0	90.4	82.8	74.1	67.8
-77.5°	94.5	93.9	92.6	89.1	85.5	81.9	77.3	69.6	62.0	54.6	49.8
-80°	68.0	68.0	67.3	64.7	61.9	59.1	55.6	49.7	43.9	38.6	34.8
-82.5°	43.0	42.3	41.3	39.9	38.4	37.0	35.3	31.6	28.0	24.5	21.6
-85°	19.2	18.7	18.1	18.1	18.0	17.8	17.4	15.6	13.9	12.2	10.8
-87.5°	3.2	3.3	3.4	3.5	3.7	3.8	3.9	3.8	3.7	3.5	3.4
-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: P626803 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.8	4.1	4.4	4.6	4.7	4.8	4.8	4.7	4.5	4.3	4.0
85°	11.3	11.6	11.5	11.2	10.4	9.6	9.6	9.5	9.1	8.6	8.0
82.5°	22.5	23.2	23.6	23.4	22.0	20.4	18.8	17.1	15.2	13.1	11.9
80°	36.1	36.9	37.2	36.6	34.0	31.2	28.8	26.3	23.9	21.2	18.1
77.5°	50.8	51.4	51.6	50.6	47.4	43.8	40.0	36.0	32.6	29.2	25.4
75°	66.6	66.8	66.7	65.0	61.0	56.4	51.8	46.8	41.8	37.2	32.6
72.5°	87.2	84.4	82.3	79.5	75.1	70.0	64.1	57.5	51.1	45.2	39.7
70°	108.7	102.8	98.2	93.9	89.0	83.6	77.1	68.8	60.3	53.1	46.4
67.5°	131.2	123.8	116.4	108.7	102.7	96.5	89.9	79.9	69.8	60.8	53.0
65°	153.0	143.9	135.6	125.5	116.8	109.3	101.8	90.5	78.9	68.5	59.4
62.5°	175.0	162.9	152.4	141.5	130.9	121.6	113.2	100.3	87.7	75.8	65.5
60°	197.6	183.4	169.1	156.6	144.6	133.3	122.8	109.8	96.1	82.8	71.3
57.5°	221.1	204.0	187.6	172.0	158.1	145.1	132.1	118.6	104.3	89.9	76.5
55°	244.7	225.4	206.2	188.3	171.8	157.0	141.7	127.0	112.1	96.8	80.6
52.5°	270.1	247.4	225.8	204.9	186.0	168.6	152.0	135.2	119.6	103.4	85.1
50°	297.0	270.8	246.1	222.7	200.0	180.7	162.0	144.2	126.9	109.8	89.3
47.5°	325.2	295.6	267.4	240.6	216.0	192.4	172.4	153.1	134.0	116.2	93.2
45°	356.4	321.1	289.4	259.9	231.4	205.8	182.7	161.6	141.7	120.7	96.6
42.5°	387.6	348.6	312.2	278.7	248.1	219.2	192.6	170.5	149.0	124.9	100.0
40°	423.7	376.7	335.1	298.8	264.6	232.1	204.0	179.0	155.9	129.0	103.4
37.5°	458.9	407.0	360.1	318.0	280.9	246.6	215.1	187.1	161.3	133.5	106.3
35°	500.2	438.2	383.9	338.3	297.7	260.4	225.5	195.4	167.3	137.8	109.0
32.5°	540.4	470.0	410.7	359.1	313.6	273.4	236.5	203.9	173.3	141.9	111.3
30°	584.7	504.6	436.0	378.5	329.3	286.9	247.5	212.0	179.4	145.8	113.6
27.5°	627.1	536.5	460.6	399.1	345.9	299.5	257.8	219.5	185.6	149.8	116.4
25°	669.2	570.9	487.6	418.8	361.2	310.9	267.2	226.5	191.6	154.3	118.9
22.5°	714.9	604.3	512.1	436.4	374.9	321.4	276.2	234.2	197.1	158.6	121.1
20°	756.9	634.4	533.9	453.3	388.6	332.7	284.6	241.0	202.1	162.7	123.0
17.5°	796.5	665.0	558.2	471.6	401.6	342.6	292.0	247.1	206.5	166.4	124.5
15°	838.1	695.4	580.1	487.4	412.8	351.1	298.4	252.3	210.2	169.8	125.9
12.5°	873.6	721.1	598.5	500.7	422.2	358.3	303.7	256.6	213.4	172.7	127.2
10°	902.8	742.0	613.3	511.5	429.8	364.1	307.9	260.1	216.0	174.9	127.9
7.5°	925.6	757.9	624.5	519.6	435.7	368.6	311.4	262.8	218.0	176.5	128.1
5°	941.5	769.0	632.8	525.3	440.1	371.8	313.9	264.6	219.4	177.3	127.7
2.5°	949.8	775.3	637.8	528.3	442.7	373.5	315.3	265.5	220.1	177.5	126.9
0°	951.1	776.5	639.3	528.7	443.3	373.8	315.6	265.4	220.0	176.8	125.5
-2.5°	949.8	775.3	637.8	528.3	442.7	373.5	315.3	265.5	220.1	177.5	126.9
-5°	941.5	769.0	632.8	525.3	440.1	371.8	313.9	264.6	219.4	177.3	127.7
-7.5°	925.6	757.9	624.5	519.6	435.7	368.6	311.4	262.8	218.0	176.5	128.1
-10°	902.8	742.0	613.3	511.5	429.8	364.1	307.9	260.1	216.0	174.9	127.9
-12.5°	873.6	721.1	598.5	500.7	422.2	358.3	303.7	256.6	213.4	172.7	127.2
-15°	838.1	695.4	580.1	487.4	412.8	351.1	298.4	252.3	210.2	169.8	125.9
-17.5°	796.5	665.0	558.2	471.6	401.6	342.6	292.0	247.1	206.5	166.4	124.5
-20°	756.9	634.4	533.9	453.3	388.6	332.7	284.6	241.0	202.1	162.7	123.0



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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°	714.9	604.3	512.1	436.4	374.9	321.4	276.2	234.2	197.1	158.6	121.1
-25°	669.2	570.9	487.6	418.8	361.2	310.9	267.2	226.5	191.6	154.3	118.9
-27.5°	627.1	536.5	460.6	399.1	345.9	299.5	257.8	219.5	185.6	149.8	116.4
-30°	584.7	504.6	436.0	378.5	329.3	286.9	247.5	212.0	179.4	145.8	113.6
-32.5°	540.4	470.0	410.7	359.1	313.6	273.4	236.5	203.9	173.3	141.9	111.3
-35°	500.2	438.2	383.9	338.3	297.7	260.4	225.5	195.4	167.3	137.8	109.0
-37.5°	458.9	407.0	360.1	318.0	280.9	246.6	215.1	187.1	161.3	133.5	106.3
-40°	423.7	376.7	335.1	298.8	264.6	232.1	204.0	179.0	155.9	129.0	103.4
-42.5°	387.6	348.6	312.2	278.7	248.1	219.2	192.6	170.5	149.0	124.9	100.0
-45°	356.4	321.1	289.4	259.9	231.4	205.8	182.7	161.6	141.7	120.7	96.6
-47.5°	325.2	295.6	267.4	240.6	216.0	192.4	172.4	153.1	134.0	116.2	93.2
-50°	297.0	270.8	246.1	222.7	200.0	180.7	162.0	144.2	126.9	109.8	89.3
-52.5°	270.1	247.4	225.8	204.9	186.0	168.6	152.0	135.2	119.6	103.4	85.1
-55°	244.7	225.4	206.2	188.3	171.8	157.0	141.7	127.0	112.1	96.8	80.6
-57.5°	221.1	204.0	187.6	172.0	158.1	145.1	132.1	118.6	104.3	89.9	76.5
-60°	197.6	183.4	169.1	156.6	144.6	133.3	122.8	109.8	96.1	82.8	71.3
-62.5°	175.0	162.9	152.4	141.5	130.9	121.6	113.2	100.3	87.7	75.8	65.5
-65°	153.0	143.9	135.6	125.5	116.8	109.3	101.8	90.5	78.9	68.5	59.4
-67.5°	131.2	123.8	116.4	108.7	102.7	96.5	89.9	79.9	69.8	60.8	53.0
-70°	108.7	102.8	98.2	93.9	89.0	83.6	77.1	68.8	60.3	53.1	46.4
-72.5°	87.2	84.4	82.3	79.5	75.1	70.0	64.1	57.5	51.1	45.2	39.7
-75°	66.6	66.8	66.7	65.0	61.0	56.4	51.8	46.8	41.8	37.2	32.6
-77.5°	50.8	51.4	51.6	50.6	47.4	43.8	40.0	36.0	32.6	29.2	25.4
-80°	36.1	36.9	37.2	36.6	34.0	31.2	28.8	26.3	23.9	21.2	18.1
-82.5°	22.5	23.2	23.6	23.4	22.0	20.4	18.8	17.1	15.2	13.1	11.9
-85°	11.3	11.6	11.5	11.2	10.4	9.6	9.6	9.5	9.1	8.6	8.0
-87.5°	3.8	4.1	4.4	4.6	4.7	4.8	4.8	4.7	4.5	4.3	4.0
-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°	3.6	2.8	2.1	1.4	0.9	0.4	0.0
85°	7.2	5.6	4.2	2.9	1.8	0.8	0.0
82.5°	10.7	8.4	6.2	4.3	2.6	1.1	0.0
80°	14.6	11.1	8.3	5.7	3.5	1.5	0.0
77.5°	20.8	14.4	10.3	7.1	4.3	1.9	0.0
75°	26.8	18.9	12.4	8.5	5.2	2.3	0.0
72.5°	32.7	23.2	15.4	9.8	6.0	2.6	0.0
70°	38.2	27.3	18.3	11.2	6.8	3.0	0.0
67.5°	43.1	31.3	21.0	13.0	7.6	3.3	0.0
65°	47.6	34.9	23.6	14.7	8.3	3.7	0.0
62.5°	52.0	38.2	26.1	16.2	9.0	4.0	0.0
60°	56.0	41.3	28.4	17.7	9.7	4.3	0.0
57.5°	59.7	44.2	30.5	19.1	10.6	4.6	0.0
55°	63.1	46.9	32.5	20.4	11.4	4.9	0.0
52.5°	66.2	49.3	34.3	21.6	12.2	5.2	0.0
50°	69.0	51.6	36.0	22.7	13.0	5.5	0.0
47.5°	71.6	53.6	37.5	23.6	13.7	5.7	0.0
45°	74.5	55.4	38.8	24.6	14.4	6.0	0.0
42.5°	77.1	57.0	39.9	25.5	15.0	6.2	0.0
40°	79.4	58.3	40.9	26.4	15.6	6.4	0.0
37.5°	81.4	59.4	41.8	27.3	16.2	6.6	0.0
35°	83.0	60.6	42.6	28.2	16.7	6.8	0.0
32.5°	84.5	61.7	43.1	29.0	17.1	6.9	0.0
30°	86.1	62.6	43.5	29.7	17.6	7.1	0.0
27.5°	87.5	63.2	44.5	30.4	18.0	7.2	0.0
25°	88.6	63.6	45.4	30.9	18.3	7.3	0.0
22.5°	89.3	64.1	46.2	31.4	18.6	7.4	0.0
20°	89.7	65.3	46.8	31.8	18.9	7.5	0.0
17.5°	90.8	66.3	47.4	32.1	19.1	7.5	0.0
15°	92.0	67.0	47.9	32.3	19.2	7.6	0.0
12.5°	92.8	67.6	48.2	32.5	19.3	7.6	0.0
10°	93.4	67.9	48.4	32.5	19.4	7.6	0.0
7.5°	93.6	68.0	48.5	32.5	19.4	7.6	0.0
5°	93.5	68.0	48.5	32.4	19.4	7.6	0.0
2.5°	93.1	67.7	48.4	32.2	19.3	7.5	0.0
0°	92.4	67.3	48.1	32.0	19.2	7.5	0.0
-2.5°	93.1	67.7	48.4	32.2	19.3	7.5	0.0
-5°	93.5	68.0	48.5	32.4	19.4	7.6	0.0
-7.5°	93.6	68.0	48.5	32.5	19.4	7.6	0.0
-10°	93.4	67.9	48.4	32.5	19.4	7.6	0.0
-12.5°	92.8	67.6	48.2	32.5	19.3	7.6	0.0
-15°	92.0	67.0	47.9	32.3	19.2	7.6	0.0
-17.5°	90.8	66.3	47.4	32.1	19.1	7.5	0.0
-20°	89.7	65.3	46.8	31.8	18.9	7.5	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	89.3	64.1	46.2	31.4	18.6	7.4	0.0
-25°	88.6	63.6	45.4	30.9	18.3	7.3	0.0
-27.5°	87.5	63.2	44.5	30.4	18.0	7.2	0.0
-30°	86.1	62.6	43.5	29.7	17.6	7.1	0.0
-32.5°	84.5	61.7	43.1	29.0	17.1	6.9	0.0
-35°	83.0	60.6	42.6	28.2	16.7	6.8	0.0
-37.5°	81.4	59.4	41.8	27.3	16.2	6.6	0.0
-40°	79.4	58.3	40.9	26.4	15.6	6.4	0.0
-42.5°	77.1	57.0	39.9	25.5	15.0	6.2	0.0
-45°	74.5	55.4	38.8	24.6	14.4	6.0	0.0
-47.5°	71.6	53.6	37.5	23.6	13.7	5.7	0.0
-50°	69.0	51.6	36.0	22.7	13.0	5.5	0.0
-52.5°	66.2	49.3	34.3	21.6	12.2	5.2	0.0
-55°	63.1	46.9	32.5	20.4	11.4	4.9	0.0
-57.5°	59.7	44.2	30.5	19.1	10.6	4.6	0.0
-60°	56.0	41.3	28.4	17.7	9.7	4.3	0.0
-62.5°	52.0	38.2	26.1	16.2	9.0	4.0	0.0
-65°	47.6	34.9	23.6	14.7	8.3	3.7	0.0
-67.5°	43.1	31.3	21.0	13.0	7.6	3.3	0.0
-70°	38.2	27.3	18.3	11.2	6.8	3.0	0.0
-72.5°	32.7	23.2	15.4	9.8	6.0	2.6	0.0
-75°	26.8	18.9	12.4	8.5	5.2	2.3	0.0
-77.5°	20.8	14.4	10.3	7.1	4.3	1.9	0.0
-80°	14.6	11.1	8.3	5.7	3.5	1.5	0.0
-82.5°	10.7	8.4	6.2	4.3	2.6	1.1	0.0
-85°	7.2	5.6	4.2	2.9	1.8	0.8	0.0
-87.5°	3.6	2.8	2.1	1.4	0.9	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)