

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: P627815 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6B-735-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627815 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6B-735-U-MR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N142
Light Source: (96) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

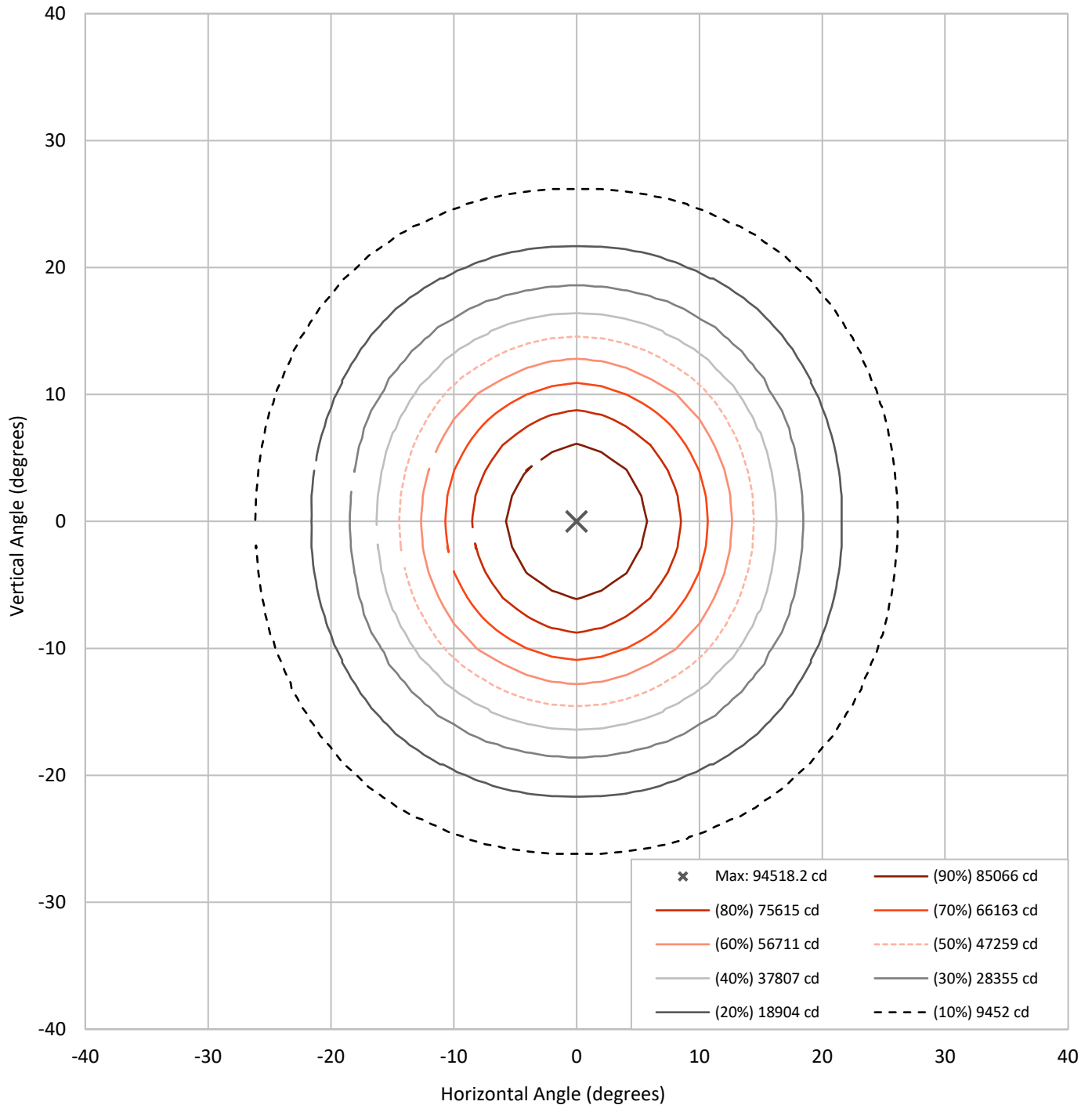
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	29530.7 lumens	Max Intensity:	94518.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	154.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	14357.4 lumens	Field Lumens:	24229.5 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	190.6		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





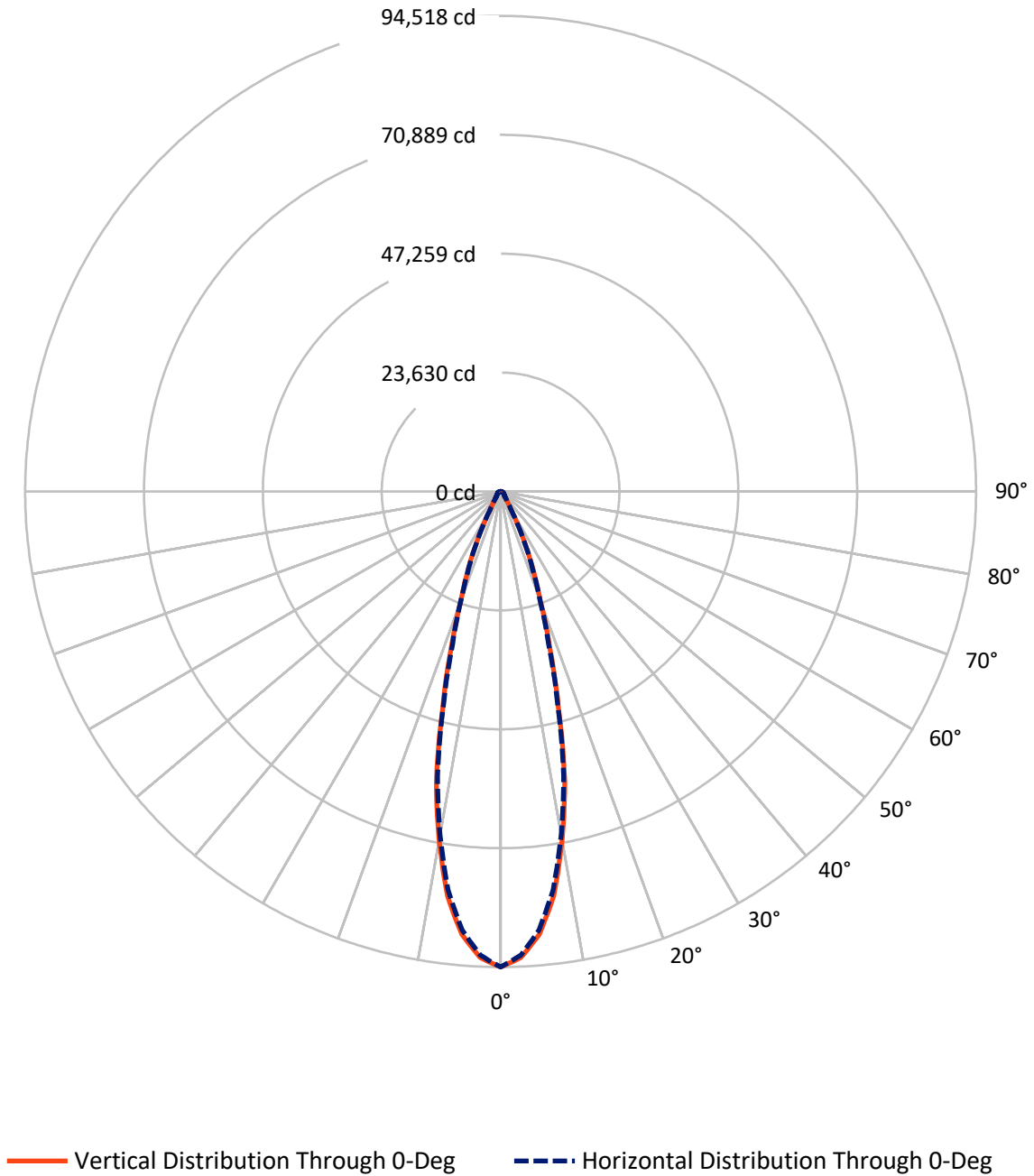
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Lumen Table

90																			
80	0.6	4.9		12.8		20.3		22.5		20.3		12.8		4.9		0.6			
70																			
60	2.2	2.5	5.1	8.3	11.7	14.3	16.0	16.8	16.8	16.0	14.3	11.7	8.3	5.1	2.5	2.2			
50		3.8	7.6	12.3	16.5	20.3	22.8	23.6	23.6	22.8	20.3	16.5	12.3	7.6	3.8				
40	3.9	4.8	9.8	15.2	20.2	25.6	30.1	32.3	32.3	30.1	25.6	20.2	15.2	9.8	4.8	3.9			
30		5.7	11.5	17.6	24.8	35.4	51.2	66.5	66.5	51.2	35.4	24.8	17.6	11.5	5.7				
20	5.0	6.4	12.6	19.8	31.8	69.0	194.4	344.7	344.7	194.4	69.0	31.8	19.8	12.6	6.4	5.0			
10		6.9	13.2	21.5	43.3	181.3	646.0	1237.8	1237.8	646.0	181.3	43.3	21.5	13.2	6.9				
0	5.4	7.1	13.4	22.6	54.9	312.9	1195.7	2351.9	2351.9	1195.7	312.9	54.9	22.6	13.4	7.1	5.4			
-10		7.1	13.4	22.6	54.9	312.9	1195.7	2351.9	2351.9	1195.7	312.9	54.9	22.6	13.4	7.1				
-20	5.0	6.9	13.2	21.5	43.3	181.3	646.0	1237.8	1237.8	646.0	181.3	43.3	21.5	13.2	6.9	5.0			
-30		6.4	12.6	19.8	31.8	69.0	194.4	344.7	344.7	194.4	69.0	31.8	19.8	12.6	6.4				
-40	3.9	5.7	11.5	17.6	24.8	35.4	51.2	66.5	66.5	51.2	35.4	24.8	17.6	11.5	5.7	3.9			
-50		4.8	9.8	15.2	20.2	25.6	30.1	32.3	32.3	30.1	25.6	20.2	15.2	9.8	4.8				
-60	2.2	3.8	7.6	12.3	16.5	20.3	22.8	23.6	23.6	22.8	20.3	16.5	12.3	7.6	3.8	2.2			
-70		2.5	5.1	8.3	11.7	14.3	16.0	16.8	16.8	16.0	14.3	11.7	8.3	5.1	2.5				
-80																			
-90	0.6	4.9		12.8		20.3		22.5		20.3		12.8		4.9		0.6			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

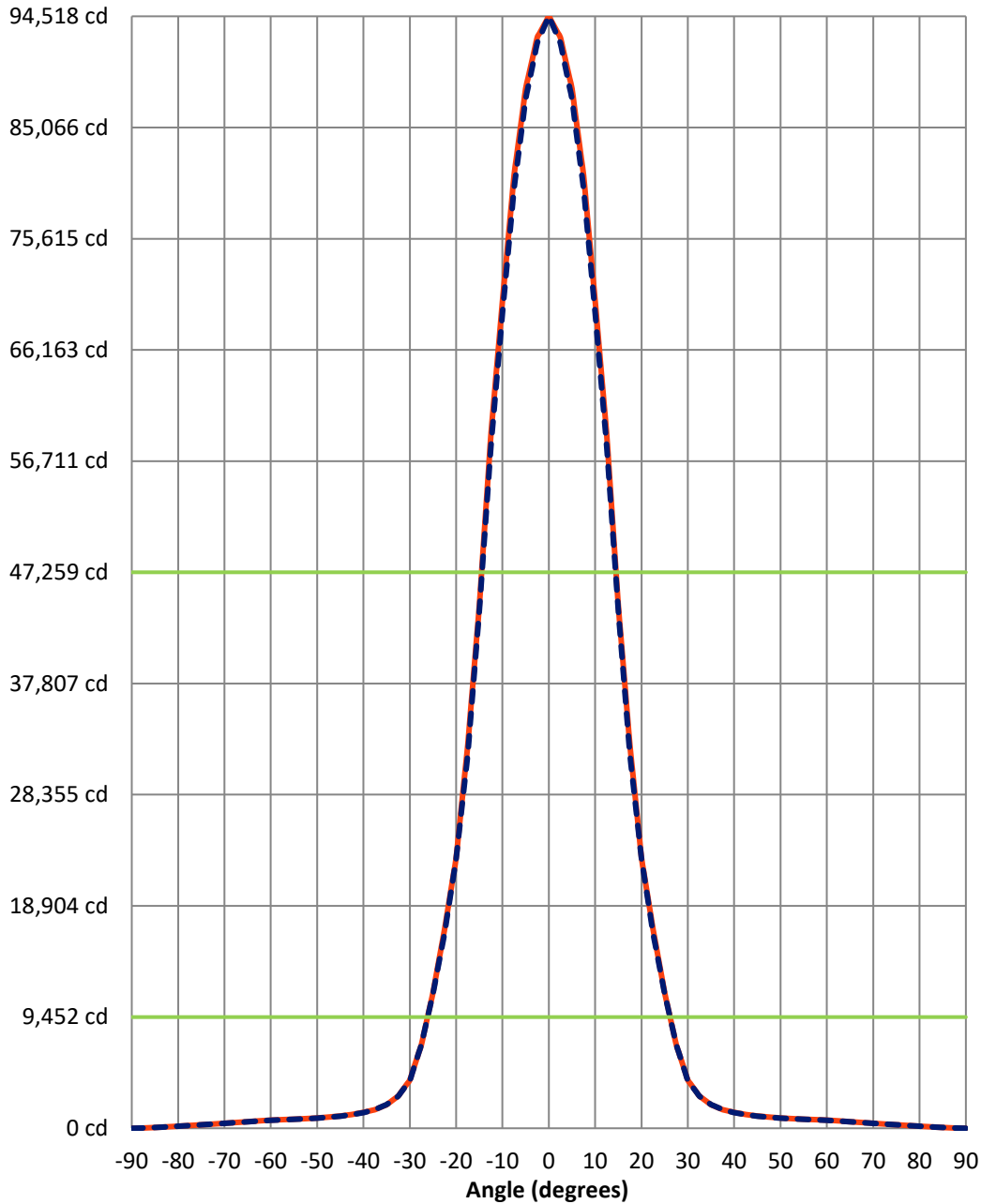
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 28.8°
V Angle: 29°
Lumens: 14357.4
Efficiency: 48.6%

Field:
H Angle: 52.3°
V Angle: 52.3°
Lumens: 24229.5
Efficiency: 82.0%

Spill:
Lumens: 5301.2
Efficiency: 18.0%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.1	2.1	3.2	4.2	5.3	6.3	7.3	8.3	9.3	10.3
85°	0.0	2.1	4.2	6.3	8.4	10.5	12.6	14.6	16.6	18.6	20.5
82.5°	0.0	3.2	6.3	9.5	12.6	15.7	18.8	21.9	25.4	31.1	37.1
80°	0.0	4.2	8.4	12.6	16.8	20.9	25.6	32.9	40.7	48.8	57.3
77.5°	0.0	5.3	10.5	15.7	20.9	27.4	36.4	45.8	55.8	66.3	77.9
75°	0.0	6.3	12.6	18.8	25.6	36.4	47.0	58.5	71.1	85.8	100.3
72.5°	0.0	7.3	14.6	21.9	32.7	45.2	57.6	71.9	89.0	105.8	122.4
70°	0.0	8.3	16.6	25.3	39.6	53.9	68.4	87.3	106.6	125.6	146.3
67.5°	0.0	9.3	18.6	30.5	46.5	62.5	81.6	102.6	124.0	147.3	170.2
65°	0.0	10.3	20.5	35.5	53.3	72.1	94.6	117.5	143.0	168.6	194.4
62.5°	0.0	11.2	22.4	40.5	59.9	82.8	107.4	133.4	161.6	189.7	219.2
60°	0.0	12.1	24.3	45.4	66.4	93.2	119.9	149.3	179.8	211.1	243.3
57.5°	0.0	13.1	27.4	50.1	74.4	103.4	133.0	164.9	197.9	231.8	267.2
55°	0.0	13.9	30.5	54.7	82.3	113.2	145.8	180.0	215.4	252.0	290.7
52.5°	0.0	14.8	33.5	59.2	90.0	122.9	158.2	194.7	232.2	272.5	313.4
50°	0.0	15.6	36.4	63.5	97.5	132.7	170.0	208.9	248.7	292.3	334.5
47.5°	0.0	16.4	39.2	68.0	104.6	142.1	181.4	222.6	265.7	311.4	354.4
45°	0.0	17.2	41.8	73.2	111.5	151.0	192.6	235.8	282.0	328.2	373.2
42.5°	0.0	17.9	44.4	78.1	118.1	159.5	203.4	248.9	297.6	344.1	390.5
40°	0.0	18.6	46.8	82.8	124.5	167.5	213.7	261.7	311.8	359.0	406.9
37.5°	0.0	19.3	49.1	87.1	130.6	175.0	223.4	273.6	324.4	373.3	422.4
35°	0.0	19.9	51.3	91.2	136.2	182.4	232.6	284.8	336.4	386.8	436.9
32.5°	0.0	20.5	53.4	94.9	141.5	189.6	241.3	295.0	347.5	399.4	451.0
30°	0.0	21.0	55.3	98.4	146.4	196.2	249.5	304.4	357.9	411.1	464.1
27.5°	0.0	21.6	57.1	101.5	150.8	202.4	257.0	312.7	367.4	421.9	476.2
25°	0.0	22.0	58.7	104.3	154.9	208.0	263.8	320.2	376.1	431.7	487.3
22.5°	0.0	22.4	60.2	106.8	158.7	213.1	269.8	327.0	383.9	440.6	498.4
20°	0.0	22.8	61.6	109.0	162.2	217.5	275.1	333.0	390.8	448.4	508.2
17.5°	0.0	23.2	62.8	110.9	165.3	221.2	279.9	338.2	396.8	455.3	516.8
15°	0.0	23.5	63.8	112.4	168.0	224.4	284.4	343.1	401.9	461.1	524.1
12.5°	0.0	23.7	64.7	113.6	170.3	226.9	288.2	347.6	406.6	465.8	530.1
10°	0.0	23.9	65.4	114.6	172.3	228.8	291.4	351.3	410.9	471.5	535.6
7.5°	0.0	24.1	66.0	115.2	173.9	230.1	293.9	354.2	414.3	476.5	541.8
5°	0.0	24.2	66.4	115.5	175.0	230.8	295.8	356.3	416.7	480.6	546.5
2.5°	0.0	24.3	66.6	115.6	175.7	230.9	296.9	357.6	418.1	483.5	550.0
0°	0.0	24.3	66.7	115.3	175.9	230.5	297.3	358.0	418.6	485.4	552.1
-2.5°	0.0	24.3	66.6	115.6	175.7	230.9	296.9	357.6	418.1	483.5	550.0
-5°	0.0	24.2	66.4	115.5	175.0	230.8	295.8	356.3	416.7	480.6	546.5
-7.5°	0.0	24.1	66.0	115.2	173.9	230.1	293.9	354.2	414.3	476.5	541.8
-10°	0.0	23.9	65.4	114.6	172.3	228.8	291.4	351.3	410.9	471.5	535.6
-12.5°	0.0	23.7	64.7	113.6	170.3	226.9	288.2	347.6	406.6	465.8	530.1
-15°	0.0	23.5	63.8	112.4	168.0	224.4	284.4	343.1	401.9	461.1	524.1
-17.5°	0.0	23.2	62.8	110.9	165.3	221.2	279.9	338.2	396.8	455.3	516.8
-20°	0.0	22.8	61.6	109.0	162.2	217.5	275.1	333.0	390.8	448.4	508.2

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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	22.4	60.2	106.8	158.7	213.1	269.8	327.0	383.9	440.6	498.4
-25°	0.0	22.0	58.7	104.3	154.9	208.0	263.8	320.2	376.1	431.7	487.3
-27.5°	0.0	21.6	57.1	101.5	150.8	202.4	257.0	312.7	367.4	421.9	476.2
-30°	0.0	21.0	55.3	98.4	146.4	196.2	249.5	304.4	357.9	411.1	464.1
-32.5°	0.0	20.5	53.4	94.9	141.5	189.6	241.3	295.0	347.5	399.4	451.0
-35°	0.0	19.9	51.3	91.2	136.2	182.4	232.6	284.8	336.4	386.8	436.9
-37.5°	0.0	19.3	49.1	87.1	130.6	175.0	223.4	273.6	324.4	373.3	422.4
-40°	0.0	18.6	46.8	82.8	124.5	167.5	213.7	261.7	311.8	359.0	406.9
-42.5°	0.0	17.9	44.4	78.1	118.1	159.5	203.4	248.9	297.6	344.1	390.5
-45°	0.0	17.2	41.8	73.2	111.5	151.0	192.6	235.8	282.0	328.2	373.2
-47.5°	0.0	16.4	39.2	68.0	104.6	142.1	181.4	222.6	265.7	311.4	354.4
-50°	0.0	15.6	36.4	63.5	97.5	132.7	170.0	208.9	248.7	292.3	334.5
-52.5°	0.0	14.8	33.5	59.2	90.0	122.9	158.2	194.7	232.2	272.5	313.4
-55°	0.0	13.9	30.5	54.7	82.3	113.2	145.8	180.0	215.4	252.0	290.7
-57.5°	0.0	13.1	27.4	50.1	74.4	103.4	133.0	164.9	197.9	231.8	267.2
-60°	0.0	12.1	24.3	45.4	66.4	93.2	119.9	149.3	179.8	211.1	243.3
-62.5°	0.0	11.2	22.4	40.5	59.9	82.8	107.4	133.4	161.6	189.7	219.2
-65°	0.0	10.3	20.5	35.5	53.3	72.1	94.6	117.5	143.0	168.6	194.4
-67.5°	0.0	9.3	18.6	30.5	46.5	62.5	81.6	102.6	124.0	147.3	170.2
-70°	0.0	8.3	16.6	25.3	39.6	53.9	68.4	87.3	106.6	125.6	146.3
-72.5°	0.0	7.3	14.6	21.9	32.7	45.2	57.6	71.9	89.0	105.8	122.4
-75°	0.0	6.3	12.6	18.8	25.6	36.4	47.0	58.5	71.1	85.8	100.3
-77.5°	0.0	5.3	10.5	15.7	20.9	27.4	36.4	45.8	55.8	66.3	77.9
-80°	0.0	4.2	8.4	12.6	16.8	20.9	25.6	32.9	40.7	48.8	57.3
-82.5°	0.0	3.2	6.3	9.5	12.6	15.7	18.8	21.9	25.4	31.1	37.1
-85°	0.0	2.1	4.2	6.3	8.4	10.5	12.6	14.6	16.6	18.6	20.5
-87.5°	0.0	1.1	2.1	3.2	4.2	5.3	6.3	7.3	8.3	9.3	10.3
-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°	11.2	12.1	13.1	13.9	14.8	15.6	16.4	17.2	17.9	18.6	19.3
85°	22.4	24.3	27.9	31.4	34.8	38.1	41.3	44.3	47.3	50.1	52.7
82.5°	42.8	48.4	53.8	59.1	64.2	69.2	73.9	78.5	82.9	87.1	91.1
80°	65.0	72.4	79.9	86.8	93.5	100.1	106.5	112.6	118.5	124.8	131.5
77.5°	88.5	98.0	106.6	114.5	123.0	133.4	143.4	152.9	162.1	170.9	179.3
75°	112.7	123.5	135.4	147.1	159.3	171.7	183.8	195.4	206.7	218.2	229.8
72.5°	138.2	152.9	167.2	181.1	196.5	211.5	225.4	238.0	252.3	268.0	282.4
70°	165.3	182.3	200.2	218.1	235.4	252.2	269.4	286.7	304.1	321.0	337.2
67.5°	192.4	213.7	234.5	254.8	274.5	294.7	315.0	335.9	355.9	375.1	393.8
65°	221.4	245.2	268.4	291.1	313.2	337.7	361.8	385.0	410.4	434.0	454.5
62.5°	249.5	276.2	301.9	327.6	354.3	381.5	409.4	438.6	468.8	490.7	509.5
60°	276.6	306.7	335.4	364.8	394.6	425.2	457.3	488.5	516.1	540.0	559.7
57.5°	303.1	336.7	368.5	400.4	433.1	467.9	503.2	535.0	560.8	583.7	605.4
55°	328.7	366.0	399.8	433.8	470.8	511.7	547.8	576.6	602.9	621.9	642.7
52.5°	353.0	393.0	428.4	466.4	508.8	551.2	587.2	615.0	637.2	656.9	677.1
50°	376.3	416.5	455.8	499.1	543.8	586.4	622.8	648.4	670.7	691.1	710.6
47.5°	397.5	439.2	483.6	529.8	576.6	618.6	653.6	679.7	702.7	723.8	745.2
45°	417.4	462.2	509.4	560.1	608.0	649.7	681.4	709.5	731.7	755.3	782.2
42.5°	436.4	484.3	535.6	589.6	638.5	676.6	707.4	734.3	759.9	788.3	818.2
40°	455.1	505.0	560.4	617.2	667.1	700.1	730.9	759.5	788.9	821.2	853.9
37.5°	472.5	526.2	583.7	642.9	688.1	722.3	754.2	786.0	819.1	853.9	894.4
35°	488.6	545.7	606.0	663.2	706.5	743.9	778.1	812.6	849.7	892.1	936.8
32.5°	504.2	563.4	626.7	680.3	723.4	763.4	801.0	840.1	882.5	929.2	980.4
30°	519.5	580.7	644.8	697.8	738.5	779.3	823.5	867.0	914.2	966.0	1026.1
27.5°	534.4	596.8	659.9	711.5	751.7	793.2	840.7	893.5	945.0	1001.8	1071.5
25°	548.1	613.3	674.9	722.4	763.0	806.5	856.1	912.4	972.9	1040.5	1125.8
22.5°	561.0	628.2	689.1	731.7	772.5	818.2	871.5	931.0	996.8	1075.2	1179.3
20°	573.0	639.8	698.5	740.2	780.3	827.5	884.8	947.4	1022.7	1117.6	1242.1
17.5°	583.6	649.7	705.0	747.2	788.5	837.1	896.2	961.4	1045.9	1155.0	1302.4
15°	592.6	657.7	710.7	752.5	795.5	847.0	907.8	978.8	1071.4	1191.6	1354.5
12.5°	600.0	664.0	715.4	756.4	800.9	854.3	917.7	995.7	1096.9	1231.6	1424.7
10°	605.8	668.6	719.1	758.8	804.8	859.1	925.5	1008.8	1117.4	1265.0	1484.8
7.5°	611.5	672.6	721.7	759.8	807.0	861.6	930.9	1018.1	1132.5	1290.1	1532.7
5°	615.6	676.4	723.2	762.1	808.4	862.6	934.5	1023.5	1142.0	1306.7	1566.6
2.5°	618.0	678.7	723.3	763.8	808.5	863.1	938.9	1026.4	1152.5	1320.7	1585.9
0°	618.8	679.5	722.0	764.4	806.9	861.5	940.4	1025.3	1158.8	1328.7	1589.6
-2.5°	618.0	678.7	723.3	763.8	808.5	863.1	938.9	1026.4	1152.5	1320.7	1585.9
-5°	615.6	676.4	723.2	762.1	808.4	862.6	934.5	1023.5	1142.0	1306.7	1566.6
-7.5°	611.5	672.6	721.7	759.8	807.0	861.6	930.9	1018.1	1132.5	1290.1	1532.7
-10°	605.8	668.6	719.1	758.8	804.8	859.1	925.5	1008.8	1117.4	1265.0	1484.8
-12.5°	600.0	664.0	715.4	756.4	800.9	854.3	917.7	995.7	1096.9	1231.6	1424.7
-15°	592.6	657.7	710.7	752.5	795.5	847.0	907.8	978.8	1071.4	1191.6	1354.5
-17.5°	583.6	649.7	705.0	747.2	788.5	837.1	896.2	961.4	1045.9	1155.0	1302.4
-20°	573.0	639.8	698.5	740.2	780.3	827.5	884.8	947.4	1022.7	1117.6	1242.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627815 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	561.0	628.2	689.1	731.7	772.5	818.2	871.5	931.0	996.8	1075.2	1179.3
-25°	548.1	613.3	674.9	722.4	763.0	806.5	856.1	912.4	972.9	1040.5	1125.8
-27.5°	534.4	596.8	659.9	711.5	751.7	793.2	840.7	893.5	945.0	1001.8	1071.5
-30°	519.5	580.7	644.8	697.8	738.5	779.3	823.5	867.0	914.2	966.0	1026.1
-32.5°	504.2	563.4	626.7	680.3	723.4	763.4	801.0	840.1	882.5	929.2	980.4
-35°	488.6	545.7	606.0	663.2	706.5	743.9	778.1	812.6	849.7	892.1	936.8
-37.5°	472.5	526.2	583.7	642.9	688.1	722.3	754.2	786.0	819.1	853.9	894.4
-40°	455.1	505.0	560.4	617.2	667.1	700.1	730.9	759.5	788.9	821.2	853.9
-42.5°	436.4	484.3	535.6	589.6	638.5	676.6	707.4	734.3	759.9	788.3	818.2
-45°	417.4	462.2	509.4	560.1	608.0	649.7	681.4	709.5	731.7	755.3	782.2
-47.5°	397.5	439.2	483.6	529.8	576.6	618.6	653.6	679.7	702.7	723.8	745.2
-50°	376.3	416.5	455.8	499.1	543.8	586.4	622.8	648.4	670.7	691.1	710.6
-52.5°	353.0	393.0	428.4	466.4	508.8	551.2	587.2	615.0	637.2	656.9	677.1
-55°	328.7	366.0	399.8	433.8	470.8	511.7	547.8	576.6	602.9	621.9	642.7
-57.5°	303.1	336.7	368.5	400.4	433.1	467.9	503.2	535.0	560.8	583.7	605.4
-60°	276.6	306.7	335.4	364.8	394.6	425.2	457.3	488.5	516.1	540.0	559.7
-62.5°	249.5	276.2	301.9	327.6	354.3	381.5	409.4	438.6	468.8	490.7	509.5
-65°	221.4	245.2	268.4	291.1	313.2	337.7	361.8	385.0	410.4	434.0	454.5
-67.5°	192.4	213.7	234.5	254.8	274.5	294.7	315.0	335.9	355.9	375.1	393.8
-70°	165.3	182.3	200.2	218.1	235.4	252.2	269.4	286.7	304.1	321.0	337.2
-72.5°	138.2	152.9	167.2	181.1	196.5	211.5	225.4	238.0	252.3	268.0	282.4
-75°	112.7	123.5	135.4	147.1	159.3	171.7	183.8	195.4	206.7	218.2	229.8
-77.5°	88.5	98.0	106.6	114.5	123.0	133.4	143.4	152.9	162.1	170.9	179.3
-80°	65.0	72.4	79.9	86.8	93.5	100.1	106.5	112.6	118.5	124.8	131.5
-82.5°	42.8	48.4	53.8	59.1	64.2	69.2	73.9	78.5	82.9	87.1	91.1
-85°	22.4	24.3	27.9	31.4	34.8	38.1	41.3	44.3	47.3	50.1	52.7
-87.5°	11.2	12.1	13.1	13.9	14.8	15.6	16.4	17.2	17.9	18.6	19.3
-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: P627815 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	19.9	20.5	21.0	21.6	22.0	22.4	22.8	23.2	23.5	23.7	23.9
85°	55.2	57.6	59.8	61.8	63.7	64.1	64.3	64.2	63.8	64.7	65.4
82.5°	94.9	99.1	103.5	107.7	111.9	113.4	114.5	115.3	115.8	117.4	118.8
80°	137.8	144.5	150.7	156.3	161.3	164.8	168.0	171.0	173.7	174.9	175.5
77.5°	187.6	195.8	203.4	210.5	217.0	222.2	226.4	229.8	232.4	234.0	235.1
75°	241.3	251.6	260.8	269.3	277.2	282.7	286.5	289.4	291.3	293.3	294.9
72.5°	295.5	307.3	318.2	328.4	337.5	343.8	348.2	351.8	354.5	356.6	357.6
70°	352.5	366.5	378.6	388.8	397.0	403.1	407.9	411.7	414.7	416.7	417.8
67.5°	411.5	426.5	437.8	446.8	454.1	460.5	466.5	470.8	473.8	476.7	479.8
65°	471.6	486.9	498.4	508.0	515.7	524.0	531.6	537.3	541.0	544.5	548.0
62.5°	528.1	545.4	558.8	571.3	583.9	595.9	602.8	608.1	611.9	615.3	619.3
60°	579.5	599.1	615.4	630.6	646.1	661.6	668.0	673.0	677.7	682.1	686.2
57.5°	625.1	645.9	665.8	680.8	695.6	710.1	720.1	725.6	729.2	731.3	733.0
55°	664.8	685.6	705.4	722.7	738.7	753.6	764.7	770.1	774.1	776.7	778.2
52.5°	700.3	722.6	743.8	763.0	780.3	796.3	810.3	817.7	823.7	827.9	829.3
50°	735.2	759.4	782.3	802.8	822.9	842.2	859.9	870.1	877.3	881.8	883.2
47.5°	771.7	797.8	822.7	846.4	869.3	892.2	913.2	927.2	937.5	945.1	950.6
45°	809.6	837.8	865.3	893.3	919.7	949.1	975.6	996.0	1011.1	1024.1	1034.5
42.5°	847.9	879.5	911.1	947.2	983.1	1016.5	1048.2	1075.2	1099.8	1123.9	1142.7
40°	889.4	924.0	967.2	1010.0	1054.3	1093.2	1139.3	1180.6	1218.5	1259.4	1293.3
37.5°	934.8	979.3	1030.5	1081.7	1139.3	1195.2	1259.6	1323.1	1378.3	1450.0	1507.5
35°	984.3	1040.7	1101.0	1169.8	1244.1	1331.8	1421.9	1527.8	1617.5	1731.4	1836.6
32.5°	1039.4	1105.7	1184.0	1278.5	1378.8	1519.7	1651.8	1831.1	1984.4	2182.1	2398.0
30°	1095.4	1181.1	1287.6	1409.7	1579.4	1779.3	2012.3	2315.4	2643.2	2982.4	3439.0
27.5°	1161.8	1273.0	1406.1	1594.7	1848.5	2125.1	2599.8	3112.3	3826.4	4391.7	5398.5
25°	1233.3	1371.1	1567.6	1840.9	2191.6	2751.4	3552.7	4480.6	5909.3	7180.2	8640.8
22.5°	1318.0	1505.1	1765.3	2123.3	2734.6	3697.7	4948.4	6853.8	8971.9	11062.4	12973.1
20°	1407.8	1633.7	1997.6	2580.6	3525.4	4918.1	7149.6	9872.2	12684.1	15549.0	17963.4
17.5°	1512.5	1819.4	2298.7	3073.1	4420.9	6805.5	9786.0	13247.9	16921.5	20577.3	23752.8
15°	1602.6	1981.7	2627.2	3786.9	5796.9	8779.5	12442.7	16815.0	21434.7	26179.1	31321.2
12.5°	1717.5	2177.3	2965.6	4377.2	7017.8	10894.5	15376.7	20453.1	26094.3	32393.7	40410.1
10°	1822.8	2382.4	3410.7	5322.9	8485.3	12870.1	17911.0	23670.4	30987.5	40453.9	50123.6
7.5°	1907.3	2545.1	3755.9	6060.8	9716.1	14557.8	20193.0	27098.1	36226.9	47499.2	58547.5
5°	1966.0	2657.8	4002.9	6618.5	10706.1	15847.7	21812.4	29625.0	40643.1	53266.1	64547.1
2.5°	2002.9	2719.5	4123.8	6949.5	11351.9	16623.9	22822.7	31230.8	43349.8	56937.2	68358.8
0°	2020.3	2730.2	4046.7	7110.6	11442.4	16569.1	22915.2	31767.0	43992.0	57934.1	69309.7
-2.5°	2002.9	2719.5	4123.8	6949.5	11351.9	16623.9	22822.7	31230.8	43349.8	56937.2	68358.8
-5°	1966.0	2657.8	4002.9	6618.5	10706.1	15847.7	21812.4	29625.0	40643.1	53266.1	64547.1
-7.5°	1907.3	2545.1	3755.9	6060.8	9716.1	14557.8	20193.0	27098.1	36226.9	47499.2	58547.5
-10°	1822.8	2382.4	3410.7	5322.9	8485.3	12870.1	17911.0	23670.4	30987.5	40453.9	50123.6
-12.5°	1717.5	2177.3	2965.6	4377.2	7017.8	10894.5	15376.7	20453.1	26094.3	32393.7	40410.1
-15°	1602.6	1981.7	2627.2	3786.9	5796.9	8779.5	12442.7	16815.0	21434.7	26179.1	31321.2
-17.5°	1512.5	1819.4	2298.7	3073.1	4420.9	6805.5	9786.0	13247.9	16921.5	20577.3	23752.8
-20°	1407.8	1633.7	1997.6	2580.6	3525.4	4918.1	7149.6	9872.2	12684.1	15549.0	17963.4

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Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627815 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1318.0	1505.1	1765.3	2123.3	2734.6	3697.7	4948.4	6853.8	8971.9	11062.4	12973.1
-25°	1233.3	1371.1	1567.6	1840.9	2191.6	2751.4	3552.7	4480.6	5909.3	7180.2	8640.8
-27.5°	1161.8	1273.0	1406.1	1594.7	1848.5	2125.1	2599.8	3112.3	3826.4	4391.7	5398.5
-30°	1095.4	1181.1	1287.6	1409.7	1579.4	1779.3	2012.3	2315.4	2643.2	2982.4	3439.0
-32.5°	1039.4	1105.7	1184.0	1278.5	1378.8	1519.7	1651.8	1831.1	1984.4	2182.1	2398.0
-35°	984.3	1040.7	1101.0	1169.8	1244.1	1331.8	1421.9	1527.8	1617.5	1731.4	1836.6
-37.5°	934.8	979.3	1030.5	1081.7	1139.3	1195.2	1259.6	1323.1	1378.3	1450.0	1507.5
-40°	889.4	924.0	967.2	1010.0	1054.3	1093.2	1139.3	1180.6	1218.5	1259.4	1293.3
-42.5°	847.9	879.5	911.1	947.2	983.1	1016.5	1048.2	1075.2	1099.8	1123.9	1142.7
-45°	809.6	837.8	865.3	893.3	919.7	949.1	975.6	996.0	1011.1	1024.1	1034.5
-47.5°	771.7	797.8	822.7	846.4	869.3	892.2	913.2	927.2	937.5	945.1	950.6
-50°	735.2	759.4	782.3	802.8	822.9	842.2	859.9	870.1	877.3	881.8	883.2
-52.5°	700.3	722.6	743.8	763.0	780.3	796.3	810.3	817.7	823.7	827.9	829.3
-55°	664.8	685.6	705.4	722.7	738.7	753.6	764.7	770.1	774.1	776.7	778.2
-57.5°	625.1	645.9	665.8	680.8	695.6	710.1	720.1	725.6	729.2	731.3	733.0
-60°	579.5	599.1	615.4	630.6	646.1	661.6	668.0	673.0	677.7	682.1	686.2
-62.5°	528.1	545.4	558.8	571.3	583.9	595.9	602.8	608.1	611.9	615.3	619.3
-65°	471.6	486.9	498.4	508.0	515.7	524.0	531.6	537.3	541.0	544.5	548.0
-67.5°	411.5	426.5	437.8	446.8	454.1	460.5	466.5	470.8	473.8	476.7	479.8
-70°	352.5	366.5	378.6	388.8	397.0	403.1	407.9	411.7	414.7	416.7	417.8
-72.5°	295.5	307.3	318.2	328.4	337.5	343.8	348.2	351.8	354.5	356.6	357.6
-75°	241.3	251.6	260.8	269.3	277.2	282.7	286.5	289.4	291.3	293.3	294.9
-77.5°	187.6	195.8	203.4	210.5	217.0	222.2	226.4	229.8	232.4	234.0	235.1
-80°	137.8	144.5	150.7	156.3	161.3	164.8	168.0	171.0	173.7	174.9	175.5
-82.5°	94.9	99.1	103.5	107.7	111.9	113.4	114.5	115.3	115.8	117.4	118.8
-85°	55.2	57.6	59.8	61.8	63.7	64.1	64.3	64.2	63.8	64.7	65.4
-87.5°	19.9	20.5	21.0	21.6	22.0	22.4	22.8	23.2	23.5	23.7	23.9
-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: P627815 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	24.1	24.2	24.3	24.3	24.3	24.2	24.1	23.9	23.7	23.5	23.2
85°	66.0	66.4	66.6	66.7	66.6	66.4	66.0	65.4	64.7	63.8	64.2
82.5°	119.9	120.7	121.1	121.3	121.1	120.7	119.9	118.8	117.4	115.8	115.3
80°	175.6	175.1	175.7	175.9	175.7	175.1	175.6	175.5	174.9	173.7	171.0
77.5°	235.6	235.5	236.3	236.6	236.3	235.5	235.6	235.1	234.0	232.4	229.8
75°	295.8	296.0	296.9	297.3	296.9	296.0	295.8	294.9	293.3	291.3	289.4
72.5°	357.6	356.6	357.6	358.0	357.6	356.6	357.6	357.6	356.6	354.5	351.8
70°	417.9	417.1	421.0	424.7	421.0	417.1	417.9	417.8	416.7	414.7	411.7
67.5°	482.0	483.2	487.6	491.4	487.6	483.2	482.0	479.8	476.7	473.8	470.8
65°	549.8	550.0	554.2	558.2	554.2	550.0	549.8	548.0	544.5	541.0	537.3
62.5°	621.6	622.4	626.7	631.0	626.7	622.4	621.6	619.3	615.3	611.9	608.1
60°	688.5	689.2	690.8	691.6	690.8	689.2	688.5	686.2	682.1	677.7	673.0
57.5°	733.5	732.9	733.5	734.1	733.5	732.9	733.5	733.0	731.3	729.2	725.6
55°	777.9	776.0	773.6	770.5	773.6	776.0	777.9	778.2	776.7	774.1	770.1
52.5°	828.2	824.9	822.0	819.0	822.0	824.9	828.2	829.3	827.9	823.7	817.7
50°	882.3	879.4	876.6	873.7	876.6	879.4	882.3	883.2	881.8	877.3	870.1
47.5°	954.4	955.6	955.1	952.5	955.1	955.6	954.4	950.6	945.1	937.5	927.2
45°	1041.9	1045.4	1045.8	1043.5	1045.8	1045.4	1041.9	1034.5	1024.1	1011.1	996.0
42.5°	1156.0	1163.7	1168.0	1170.9	1168.0	1163.7	1156.0	1142.7	1123.9	1099.8	1075.2
40°	1318.0	1333.7	1343.6	1352.9	1343.6	1333.7	1318.0	1293.3	1259.4	1218.5	1180.6
37.5°	1550.2	1578.6	1591.3	1583.5	1591.3	1578.6	1550.2	1507.5	1450.0	1378.3	1323.1
35°	1917.6	1971.7	1999.9	2002.1	1999.9	1971.7	1917.6	1836.6	1731.4	1617.5	1527.8
32.5°	2557.6	2668.3	2727.8	2736.2	2727.8	2668.3	2557.6	2398.0	2182.1	1984.4	1831.1
30°	3788.6	4014.4	4120.4	4095.2	4120.4	4014.4	3788.6	3439.0	2982.4	2643.2	2315.4
27.5°	6181.1	6744.2	7078.0	7104.5	7078.0	6744.2	6181.1	5398.5	4391.7	3826.4	3112.3
25°	9934.5	10895.8	11511.4	11521.3	11511.4	10895.8	9934.5	8640.8	7180.2	5909.3	4480.6
22.5°	14739.9	16052.1	16771.1	16896.7	16771.1	16052.1	14739.9	12973.1	11062.4	8971.9	6853.8
20°	20307.2	22052.9	22986.9	22988.0	22986.9	22052.9	20307.2	17963.4	15549.0	12684.1	9872.2
17.5°	27163.7	29998.2	31777.6	32543.5	31777.6	29998.2	27163.7	23752.8	20577.3	16921.5	13247.9
15°	36272.5	41035.9	43890.2	44404.6	43890.2	41035.9	36272.5	31321.2	26179.1	21434.7	16815.0
12.5°	47363.6	53391.7	57443.9	58929.0	57443.9	53391.7	47363.6	40410.1	32393.7	26094.3	20453.1
10°	58943.7	64529.1	68870.2	70329.0	68870.2	64529.1	58943.7	50123.6	40453.9	30987.5	23670.4
7.5°	67309.4	73969.7	78859.7	81007.0	78859.7	73969.7	67309.4	58547.5	47499.2	36226.9	27098.1
5°	73913.2	81794.1	86346.0	88366.3	86346.0	81794.1	73913.2	64547.1	53266.1	40643.1	29625.0
2.5°	78246.1	86033.1	90853.5	92716.3	90853.5	86033.1	78246.1	68358.8	56937.2	43349.8	31230.8
0°	79866.4	87480.5	92243.1	94518.2	92243.1	87480.5	79866.4	69309.7	57934.1	43992.0	31767.0
-2.5°	78246.1	86033.1	90853.5	92716.3	90853.5	86033.1	78246.1	68358.8	56937.2	43349.8	31230.8
-5°	73913.2	81794.1	86346.0	88366.3	86346.0	81794.1	73913.2	64547.1	53266.1	40643.1	29625.0
-7.5°	67309.4	73969.7	78859.7	81007.0	78859.7	73969.7	67309.4	58547.5	47499.2	36226.9	27098.1
-10°	58943.7	64529.1	68870.2	70329.0	68870.2	64529.1	58943.7	50123.6	40453.9	30987.5	23670.4
-12.5°	47363.6	53391.7	57443.9	58929.0	57443.9	53391.7	47363.6	40410.1	32393.7	26094.3	20453.1
-15°	36272.5	41035.9	43890.2	44404.6	43890.2	41035.9	36272.5	31321.2	26179.1	21434.7	16815.0
-17.5°	27163.7	29998.2	31777.6	32543.5	31777.6	29998.2	27163.7	23752.8	20577.3	16921.5	13247.9
-20°	20307.2	22052.9	22986.9	22988.0	22986.9	22052.9	20307.2	17963.4	15549.0	12684.1	9872.2



REPORT NUMBER: P627815 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	14739.9	16052.1	16771.1	16896.7	16771.1	16052.1	14739.9	12973.1	11062.4	8971.9	6853.8
-25°	9934.5	10895.8	11511.4	11521.3	11511.4	10895.8	9934.5	8640.8	7180.2	5909.3	4480.6
-27.5°	6181.1	6744.2	7078.0	7104.5	7078.0	6744.2	6181.1	5398.5	4391.7	3826.4	3112.3
-30°	3788.6	4014.4	4120.4	4095.2	4120.4	4014.4	3788.6	3439.0	2982.4	2643.2	2315.4
-32.5°	2557.6	2668.3	2727.8	2736.2	2727.8	2668.3	2557.6	2398.0	2182.1	1984.4	1831.1
-35°	1917.6	1971.7	1999.9	2002.1	1999.9	1971.7	1917.6	1836.6	1731.4	1617.5	1527.8
-37.5°	1550.2	1578.6	1591.3	1583.5	1591.3	1578.6	1550.2	1507.5	1450.0	1378.3	1323.1
-40°	1318.0	1333.7	1343.6	1352.9	1343.6	1333.7	1318.0	1293.3	1259.4	1218.5	1180.6
-42.5°	1156.0	1163.7	1168.0	1170.9	1168.0	1163.7	1156.0	1142.7	1123.9	1099.8	1075.2
-45°	1041.9	1045.4	1045.8	1043.5	1045.8	1045.4	1041.9	1034.5	1024.1	1011.1	996.0
-47.5°	954.4	955.6	955.1	952.5	955.1	955.6	954.4	950.6	945.1	937.5	927.2
-50°	882.3	879.4	876.6	873.7	876.6	879.4	882.3	883.2	881.8	877.3	870.1
-52.5°	828.2	824.9	822.0	819.0	822.0	824.9	828.2	829.3	827.9	823.7	817.7
-55°	777.9	776.0	773.6	770.5	773.6	776.0	777.9	778.2	776.7	774.1	770.1
-57.5°	733.5	732.9	733.5	734.1	733.5	732.9	733.5	733.0	731.3	729.2	725.6
-60°	688.5	689.2	690.8	691.6	690.8	689.2	688.5	686.2	682.1	677.7	673.0
-62.5°	621.6	622.4	626.7	631.0	626.7	622.4	621.6	619.3	615.3	611.9	608.1
-65°	549.8	550.0	554.2	558.2	554.2	550.0	549.8	548.0	544.5	541.0	537.3
-67.5°	482.0	483.2	487.6	491.4	487.6	483.2	482.0	479.8	476.7	473.8	470.8
-70°	417.9	417.1	421.0	424.7	421.0	417.1	417.9	417.8	416.7	414.7	411.7
-72.5°	357.6	356.6	357.6	358.0	357.6	356.6	357.6	357.6	356.6	354.5	351.8
-75°	295.8	296.0	296.9	297.3	296.9	296.0	295.8	294.9	293.3	291.3	289.4
-77.5°	235.6	235.5	236.3	236.6	236.3	235.5	235.6	235.1	234.0	232.4	229.8
-80°	175.6	175.1	175.7	175.9	175.7	175.1	175.6	175.5	174.9	173.7	171.0
-82.5°	119.9	120.7	121.1	121.3	121.1	120.7	119.9	118.8	117.4	115.8	115.3
-85°	66.0	66.4	66.6	66.7	66.6	66.4	66.0	65.4	64.7	63.8	64.2
-87.5°	24.1	24.2	24.3	24.3	24.3	24.2	24.1	23.9	23.7	23.5	23.2
-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: P627815 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	22.8	22.4	22.0	21.6	21.0	20.5	19.9	19.3	18.6	17.9	17.2
85°	64.3	64.1	63.7	61.8	59.8	57.6	55.2	52.7	50.1	47.3	44.3
82.5°	114.5	113.4	111.9	107.7	103.5	99.1	94.9	91.1	87.1	82.9	78.5
80°	168.0	164.8	161.3	156.3	150.7	144.5	137.8	131.5	124.8	118.5	112.6
77.5°	226.4	222.2	217.0	210.5	203.4	195.8	187.6	179.3	170.9	162.1	152.9
75°	286.5	282.7	277.2	269.3	260.8	251.6	241.3	229.8	218.2	206.7	195.4
72.5°	348.2	343.8	337.5	328.4	318.2	307.3	295.5	282.4	268.0	252.3	238.0
70°	407.9	403.1	397.0	388.8	378.6	366.5	352.5	337.2	321.0	304.1	286.7
67.5°	466.5	460.5	454.1	446.8	437.8	426.5	411.5	393.8	375.1	355.9	335.9
65°	531.6	524.0	515.7	508.0	498.4	486.9	471.6	454.5	434.0	410.4	385.0
62.5°	602.8	595.9	583.9	571.3	558.8	545.4	528.1	509.5	490.7	468.8	438.6
60°	668.0	661.6	646.1	630.6	615.4	599.1	579.5	559.7	540.0	516.1	488.5
57.5°	720.1	710.1	695.6	680.8	665.8	645.9	625.1	605.4	583.7	560.8	535.0
55°	764.7	753.6	738.7	722.7	705.4	685.6	664.8	642.7	621.9	602.9	576.6
52.5°	810.3	796.3	780.3	763.0	743.8	722.6	700.3	677.1	656.9	637.2	615.0
50°	859.9	842.2	822.9	802.8	782.3	759.4	735.2	710.6	691.1	670.7	648.4
47.5°	913.2	892.2	869.3	846.4	822.7	797.8	771.7	745.2	723.8	702.7	679.7
45°	975.6	949.1	919.7	893.3	865.3	837.8	809.6	782.2	755.3	731.7	709.5
42.5°	1048.2	1016.5	983.1	947.2	911.1	879.5	847.9	818.2	788.3	759.9	734.3
40°	1139.3	1093.2	1054.3	1010.0	967.2	924.0	889.4	853.9	821.2	788.9	759.5
37.5°	1259.6	1195.2	1139.3	1081.7	1030.5	979.3	934.8	894.4	853.9	819.1	786.0
35°	1421.9	1331.8	1244.1	1169.8	1101.0	1040.7	984.3	936.8	892.1	849.7	812.6
32.5°	1651.8	1519.7	1378.8	1278.5	1184.0	1105.7	1039.4	980.4	929.2	882.5	840.1
30°	2012.3	1779.3	1579.4	1409.7	1287.6	1181.1	1095.4	1026.1	966.0	914.2	867.0
27.5°	2599.8	2125.1	1848.5	1594.7	1406.1	1273.0	1161.8	1071.5	1001.8	945.0	893.5
25°	3552.7	2751.4	2191.6	1840.9	1567.6	1371.1	1233.3	1125.8	1040.5	972.9	912.4
22.5°	4948.4	3697.7	2734.6	2123.3	1765.3	1505.1	1318.0	1179.3	1075.2	996.8	931.0
20°	7149.6	4918.1	3525.4	2580.6	1997.6	1633.7	1407.8	1242.1	1117.6	1022.7	947.4
17.5°	9786.0	6805.5	4420.9	3073.1	2298.7	1819.4	1512.5	1302.4	1155.0	1045.9	961.4
15°	12442.7	8779.5	5796.9	3786.9	2627.2	1981.7	1602.6	1354.5	1191.6	1071.4	978.8
12.5°	15376.7	10894.5	7017.8	4377.2	2965.6	2177.3	1717.5	1424.7	1231.6	1096.9	995.7
10°	17911.0	12870.1	8485.3	5322.9	3410.7	2382.4	1822.8	1484.8	1265.0	1117.4	1008.8
7.5°	20193.0	14557.8	9716.1	6060.8	3755.9	2545.1	1907.3	1532.7	1290.1	1132.5	1018.1
5°	21812.4	15847.7	10706.1	6618.5	4002.9	2657.8	1966.0	1566.6	1306.7	1142.0	1023.5
2.5°	22822.7	16623.9	11351.9	6949.5	4123.8	2719.5	2002.9	1585.9	1320.7	1152.5	1026.4
0°	22915.2	16569.1	11442.4	7110.6	4046.7	2730.2	2020.3	1589.6	1328.7	1158.8	1025.3
-2.5°	22822.7	16623.9	11351.9	6949.5	4123.8	2719.5	2002.9	1585.9	1320.7	1152.5	1026.4
-5°	21812.4	15847.7	10706.1	6618.5	4002.9	2657.8	1966.0	1566.6	1306.7	1142.0	1023.5
-7.5°	20193.0	14557.8	9716.1	6060.8	3755.9	2545.1	1907.3	1532.7	1290.1	1132.5	1018.1
-10°	17911.0	12870.1	8485.3	5322.9	3410.7	2382.4	1822.8	1484.8	1265.0	1117.4	1008.8
-12.5°	15376.7	10894.5	7017.8	4377.2	2965.6	2177.3	1717.5	1424.7	1231.6	1096.9	995.7
-15°	12442.7	8779.5	5796.9	3786.9	2627.2	1981.7	1602.6	1354.5	1191.6	1071.4	978.8
-17.5°	9786.0	6805.5	4420.9	3073.1	2298.7	1819.4	1512.5	1302.4	1155.0	1045.9	961.4
-20°	7149.6	4918.1	3525.4	2580.6	1997.6	1633.7	1407.8	1242.1	1117.6	1022.7	947.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627815 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6B-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4948.4	3697.7	2734.6	2123.3	1765.3	1505.1	1318.0	1179.3	1075.2	996.8	931.0
-25°	3552.7	2751.4	2191.6	1840.9	1567.6	1371.1	1233.3	1125.8	1040.5	972.9	912.4
-27.5°	2599.8	2125.1	1848.5	1594.7	1406.1	1273.0	1161.8	1071.5	1001.8	945.0	893.5
-30°	2012.3	1779.3	1579.4	1409.7	1287.6	1181.1	1095.4	1026.1	966.0	914.2	867.0
-32.5°	1651.8	1519.7	1378.8	1278.5	1184.0	1105.7	1039.4	980.4	929.2	882.5	840.1
-35°	1421.9	1331.8	1244.1	1169.8	1101.0	1040.7	984.3	936.8	892.1	849.7	812.6
-37.5°	1259.6	1195.2	1139.3	1081.7	1030.5	979.3	934.8	894.4	853.9	819.1	786.0
-40°	1139.3	1093.2	1054.3	1010.0	967.2	924.0	889.4	853.9	821.2	788.9	759.5
-42.5°	1048.2	1016.5	983.1	947.2	911.1	879.5	847.9	818.2	788.3	759.9	734.3
-45°	975.6	949.1	919.7	893.3	865.3	837.8	809.6	782.2	755.3	731.7	709.5
-47.5°	913.2	892.2	869.3	846.4	822.7	797.8	771.7	745.2	723.8	702.7	679.7
-50°	859.9	842.2	822.9	802.8	782.3	759.4	735.2	710.6	691.1	670.7	648.4
-52.5°	810.3	796.3	780.3	763.0	743.8	722.6	700.3	677.1	656.9	637.2	615.0
-55°	764.7	753.6	738.7	722.7	705.4	685.6	664.8	642.7	621.9	602.9	576.6
-57.5°	720.1	710.1	695.6	680.8	665.8	645.9	625.1	605.4	583.7	560.8	535.0
-60°	668.0	661.6	646.1	630.6	615.4	599.1	579.5	559.7	540.0	516.1	488.5
-62.5°	602.8	595.9	583.9	571.3	558.8	545.4	528.1	509.5	490.7	468.8	438.6
-65°	531.6	524.0	515.7	508.0	498.4	486.9	471.6	454.5	434.0	410.4	385.0
-67.5°	466.5	460.5	454.1	446.8	437.8	426.5	411.5	393.8	375.1	355.9	335.9
-70°	407.9	403.1	397.0	388.8	378.6	366.5	352.5	337.2	321.0	304.1	286.7
-72.5°	348.2	343.8	337.5	328.4	318.2	307.3	295.5	282.4	268.0	252.3	238.0
-75°	286.5	282.7	277.2	269.3	260.8	251.6	241.3	229.8	218.2	206.7	195.4
-77.5°	226.4	222.2	217.0	210.5	203.4	195.8	187.6	179.3	170.9	162.1	152.9
-80°	168.0	164.8	161.3	156.3	150.7	144.5	137.8	131.5	124.8	118.5	112.6
-82.5°	114.5	113.4	111.9	107.7	103.5	99.1	94.9	91.1	87.1	82.9	78.5
-85°	64.3	64.1	63.7	61.8	59.8	57.6	55.2	52.7	50.1	47.3	44.3
-87.5°	22.8	22.4	22.0	21.6	21.0	20.5	19.9	19.3	18.6	17.9	17.2
-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: P627815 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	16.4	15.6	14.8	13.9	13.1	12.1	11.2	10.3	9.3	8.3	7.3
85°	41.3	38.1	34.8	31.4	27.9	24.3	22.4	20.5	18.6	16.6	14.6
82.5°	73.9	69.2	64.2	59.1	53.8	48.4	42.8	37.1	31.1	25.4	21.9
80°	106.5	100.1	93.5	86.8	79.9	72.4	65.0	57.3	48.8	40.7	32.9
77.5°	143.4	133.4	123.0	114.5	106.6	98.0	88.5	77.9	66.3	55.8	45.8
75°	183.8	171.7	159.3	147.1	135.4	123.5	112.7	100.3	85.8	71.1	58.5
72.5°	225.4	211.5	196.5	181.1	167.2	152.9	138.2	122.4	105.8	89.0	71.9
70°	269.4	252.2	235.4	218.1	200.2	182.3	165.3	146.3	125.6	106.6	87.3
67.5°	315.0	294.7	274.5	254.8	234.5	213.7	192.4	170.2	147.3	124.0	102.6
65°	361.8	337.7	313.2	291.1	268.4	245.2	221.4	194.4	168.6	143.0	117.5
62.5°	409.4	381.5	354.3	327.6	301.9	276.2	249.5	219.2	189.7	161.6	133.4
60°	457.3	425.2	394.6	364.8	335.4	306.7	276.6	243.3	211.1	179.8	149.3
57.5°	503.2	467.9	433.1	400.4	368.5	336.7	303.1	267.2	231.8	197.9	164.9
55°	547.8	511.7	470.8	433.8	399.8	366.0	328.7	290.7	252.0	215.4	180.0
52.5°	587.2	551.2	508.8	466.4	428.4	393.0	353.0	313.4	272.5	232.2	194.7
50°	622.8	586.4	543.8	499.1	455.8	416.5	376.3	334.5	292.3	248.7	208.9
47.5°	653.6	618.6	576.6	529.8	483.6	439.2	397.5	354.4	311.4	265.7	222.6
45°	681.4	649.7	608.0	560.1	509.4	462.2	417.4	373.2	328.2	282.0	235.8
42.5°	707.4	676.6	638.5	589.6	535.6	484.3	436.4	390.5	344.1	297.6	248.9
40°	730.9	700.1	667.1	617.2	560.4	505.0	455.1	406.9	359.0	311.8	261.7
37.5°	754.2	722.3	688.1	642.9	583.7	526.2	472.5	422.4	373.3	324.4	273.6
35°	778.1	743.9	706.5	663.2	606.0	545.7	488.6	436.9	386.8	336.4	284.8
32.5°	801.0	763.4	723.4	680.3	626.7	563.4	504.2	451.0	399.4	347.5	295.0
30°	823.5	779.3	738.5	697.8	644.8	580.7	519.5	464.1	411.1	357.9	304.4
27.5°	840.7	793.2	751.7	711.5	659.9	596.8	534.4	476.2	421.9	367.4	312.7
25°	856.1	806.5	763.0	722.4	674.9	613.3	548.1	487.3	431.7	376.1	320.2
22.5°	871.5	818.2	772.5	731.7	689.1	628.2	561.0	498.4	440.6	383.9	327.0
20°	884.8	827.5	780.3	740.2	698.5	639.8	573.0	508.2	448.4	390.8	333.0
17.5°	896.2	837.1	788.5	747.2	705.0	649.7	583.6	516.8	455.3	396.8	338.2
15°	907.8	847.0	795.5	752.5	710.7	657.7	592.6	524.1	461.1	401.9	343.1
12.5°	917.7	854.3	800.9	756.4	715.4	664.0	600.0	530.1	465.8	406.6	347.6
10°	925.5	859.1	804.8	758.8	719.1	668.6	605.8	535.6	471.5	410.9	351.3
7.5°	930.9	861.6	807.0	759.8	721.7	672.6	611.5	541.8	476.5	414.3	354.2
5°	934.5	862.6	808.4	762.1	723.2	676.4	615.6	546.5	480.6	416.7	356.3
2.5°	938.9	863.1	808.5	763.8	723.3	678.7	618.0	550.0	483.5	418.1	357.6
0°	940.4	861.5	806.9	764.4	722.0	679.5	618.8	552.1	485.4	418.6	358.0
-2.5°	938.9	863.1	808.5	763.8	723.3	678.7	618.0	550.0	483.5	418.1	357.6
-5°	934.5	862.6	808.4	762.1	723.2	676.4	615.6	546.5	480.6	416.7	356.3
-7.5°	930.9	861.6	807.0	759.8	721.7	672.6	611.5	541.8	476.5	414.3	354.2
-10°	925.5	859.1	804.8	758.8	719.1	668.6	605.8	535.6	471.5	410.9	351.3
-12.5°	917.7	854.3	800.9	756.4	715.4	664.0	600.0	530.1	465.8	406.6	347.6
-15°	907.8	847.0	795.5	752.5	710.7	657.7	592.6	524.1	461.1	401.9	343.1
-17.5°	896.2	837.1	788.5	747.2	705.0	649.7	583.6	516.8	455.3	396.8	338.2
-20°	884.8	827.5	780.3	740.2	698.5	639.8	573.0	508.2	448.4	390.8	333.0



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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°	871.5	818.2	772.5	731.7	689.1	628.2	561.0	498.4	440.6	383.9	327.0
-25°	856.1	806.5	763.0	722.4	674.9	613.3	548.1	487.3	431.7	376.1	320.2
-27.5°	840.7	793.2	751.7	711.5	659.9	596.8	534.4	476.2	421.9	367.4	312.7
-30°	823.5	779.3	738.5	697.8	644.8	580.7	519.5	464.1	411.1	357.9	304.4
-32.5°	801.0	763.4	723.4	680.3	626.7	563.4	504.2	451.0	399.4	347.5	295.0
-35°	778.1	743.9	706.5	663.2	606.0	545.7	488.6	436.9	386.8	336.4	284.8
-37.5°	754.2	722.3	688.1	642.9	583.7	526.2	472.5	422.4	373.3	324.4	273.6
-40°	730.9	700.1	667.1	617.2	560.4	505.0	455.1	406.9	359.0	311.8	261.7
-42.5°	707.4	676.6	638.5	589.6	535.6	484.3	436.4	390.5	344.1	297.6	248.9
-45°	681.4	649.7	608.0	560.1	509.4	462.2	417.4	373.2	328.2	282.0	235.8
-47.5°	653.6	618.6	576.6	529.8	483.6	439.2	397.5	354.4	311.4	265.7	222.6
-50°	622.8	586.4	543.8	499.1	455.8	416.5	376.3	334.5	292.3	248.7	208.9
-52.5°	587.2	551.2	508.8	466.4	428.4	393.0	353.0	313.4	272.5	232.2	194.7
-55°	547.8	511.7	470.8	433.8	399.8	366.0	328.7	290.7	252.0	215.4	180.0
-57.5°	503.2	467.9	433.1	400.4	368.5	336.7	303.1	267.2	231.8	197.9	164.9
-60°	457.3	425.2	394.6	364.8	335.4	306.7	276.6	243.3	211.1	179.8	149.3
-62.5°	409.4	381.5	354.3	327.6	301.9	276.2	249.5	219.2	189.7	161.6	133.4
-65°	361.8	337.7	313.2	291.1	268.4	245.2	221.4	194.4	168.6	143.0	117.5
-67.5°	315.0	294.7	274.5	254.8	234.5	213.7	192.4	170.2	147.3	124.0	102.6
-70°	269.4	252.2	235.4	218.1	200.2	182.3	165.3	146.3	125.6	106.6	87.3
-72.5°	225.4	211.5	196.5	181.1	167.2	152.9	138.2	122.4	105.8	89.0	71.9
-75°	183.8	171.7	159.3	147.1	135.4	123.5	112.7	100.3	85.8	71.1	58.5
-77.5°	143.4	133.4	123.0	114.5	106.6	98.0	88.5	77.9	66.3	55.8	45.8
-80°	106.5	100.1	93.5	86.8	79.9	72.4	65.0	57.3	48.8	40.7	32.9
-82.5°	73.9	69.2	64.2	59.1	53.8	48.4	42.8	37.1	31.1	25.4	21.9
-85°	41.3	38.1	34.8	31.4	27.9	24.3	22.4	20.5	18.6	16.6	14.6
-87.5°	16.4	15.6	14.8	13.9	13.1	12.1	11.2	10.3	9.3	8.3	7.3
-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°	6.3	5.3	4.2	3.2	2.1	1.1	0.0
85°	12.6	10.5	8.4	6.3	4.2	2.1	0.0
82.5°	18.8	15.7	12.6	9.5	6.3	3.2	0.0
80°	25.6	20.9	16.8	12.6	8.4	4.2	0.0
77.5°	36.4	27.4	20.9	15.7	10.5	5.3	0.0
75°	47.0	36.4	25.6	18.8	12.6	6.3	0.0
72.5°	57.6	45.2	32.7	21.9	14.6	7.3	0.0
70°	68.4	53.9	39.6	25.3	16.6	8.3	0.0
67.5°	81.6	62.5	46.5	30.5	18.6	9.3	0.0
65°	94.6	72.1	53.3	35.5	20.5	10.3	0.0
62.5°	107.4	82.8	59.9	40.5	22.4	11.2	0.0
60°	119.9	93.2	66.4	45.4	24.3	12.1	0.0
57.5°	133.0	103.4	74.4	50.1	27.4	13.1	0.0
55°	145.8	113.2	82.3	54.7	30.5	13.9	0.0
52.5°	158.2	122.9	90.0	59.2	33.5	14.8	0.0
50°	170.0	132.7	97.5	63.5	36.4	15.6	0.0
47.5°	181.4	142.1	104.6	68.0	39.2	16.4	0.0
45°	192.6	151.0	111.5	73.2	41.8	17.2	0.0
42.5°	203.4	159.5	118.1	78.1	44.4	17.9	0.0
40°	213.7	167.5	124.5	82.8	46.8	18.6	0.0
37.5°	223.4	175.0	130.6	87.1	49.1	19.3	0.0
35°	232.6	182.4	136.2	91.2	51.3	19.9	0.0
32.5°	241.3	189.6	141.5	94.9	53.4	20.5	0.0
30°	249.5	196.2	146.4	98.4	55.3	21.0	0.0
27.5°	257.0	202.4	150.8	101.5	57.1	21.6	0.0
25°	263.8	208.0	154.9	104.3	58.7	22.0	0.0
22.5°	269.8	213.1	158.7	106.8	60.2	22.4	0.0
20°	275.1	217.5	162.2	109.0	61.6	22.8	0.0
17.5°	279.9	221.2	165.3	110.9	62.8	23.2	0.0
15°	284.4	224.4	168.0	112.4	63.8	23.5	0.0
12.5°	288.2	226.9	170.3	113.6	64.7	23.7	0.0
10°	291.4	228.8	172.3	114.6	65.4	23.9	0.0
7.5°	293.9	230.1	173.9	115.2	66.0	24.1	0.0
5°	295.8	230.8	175.0	115.5	66.4	24.2	0.0
2.5°	296.9	230.9	175.7	115.6	66.6	24.3	0.0
0°	297.3	230.5	175.9	115.3	66.7	24.3	0.0
-2.5°	296.9	230.9	175.7	115.6	66.6	24.3	0.0
-5°	295.8	230.8	175.0	115.5	66.4	24.2	0.0
-7.5°	293.9	230.1	173.9	115.2	66.0	24.1	0.0
-10°	291.4	228.8	172.3	114.6	65.4	23.9	0.0
-12.5°	288.2	226.9	170.3	113.6	64.7	23.7	0.0
-15°	284.4	224.4	168.0	112.4	63.8	23.5	0.0
-17.5°	279.9	221.2	165.3	110.9	62.8	23.2	0.0
-20°	275.1	217.5	162.2	109.0	61.6	22.8	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	269.8	213.1	158.7	106.8	60.2	22.4	0.0
-25°	263.8	208.0	154.9	104.3	58.7	22.0	0.0
-27.5°	257.0	202.4	150.8	101.5	57.1	21.6	0.0
-30°	249.5	196.2	146.4	98.4	55.3	21.0	0.0
-32.5°	241.3	189.6	141.5	94.9	53.4	20.5	0.0
-35°	232.6	182.4	136.2	91.2	51.3	19.9	0.0
-37.5°	223.4	175.0	130.6	87.1	49.1	19.3	0.0
-40°	213.7	167.5	124.5	82.8	46.8	18.6	0.0
-42.5°	203.4	159.5	118.1	78.1	44.4	17.9	0.0
-45°	192.6	151.0	111.5	73.2	41.8	17.2	0.0
-47.5°	181.4	142.1	104.6	68.0	39.2	16.4	0.0
-50°	170.0	132.7	97.5	63.5	36.4	15.6	0.0
-52.5°	158.2	122.9	90.0	59.2	33.5	14.8	0.0
-55°	145.8	113.2	82.3	54.7	30.5	13.9	0.0
-57.5°	133.0	103.4	74.4	50.1	27.4	13.1	0.0
-60°	119.9	93.2	66.4	45.4	24.3	12.1	0.0
-62.5°	107.4	82.8	59.9	40.5	22.4	11.2	0.0
-65°	94.6	72.1	53.3	35.5	20.5	10.3	0.0
-67.5°	81.6	62.5	46.5	30.5	18.6	9.3	0.0
-70°	68.4	53.9	39.6	25.3	16.6	8.3	0.0
-72.5°	57.6	45.2	32.7	21.9	14.6	7.3	0.0
-75°	47.0	36.4	25.6	18.8	12.6	6.3	0.0
-77.5°	36.4	27.4	20.9	15.7	10.5	5.3	0.0
-80°	25.6	20.9	16.8	12.6	8.4	4.2	0.0
-82.5°	18.8	15.7	12.6	9.5	6.3	3.2	0.0
-85°	12.6	10.5	8.4	6.3	4.2	2.1	0.0
-87.5°	6.3	5.3	4.2	3.2	2.1	1.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)