

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



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P627617 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA5C-727-U-MWR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627617 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5C-727-U-MWR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N112
Light Source: (80) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

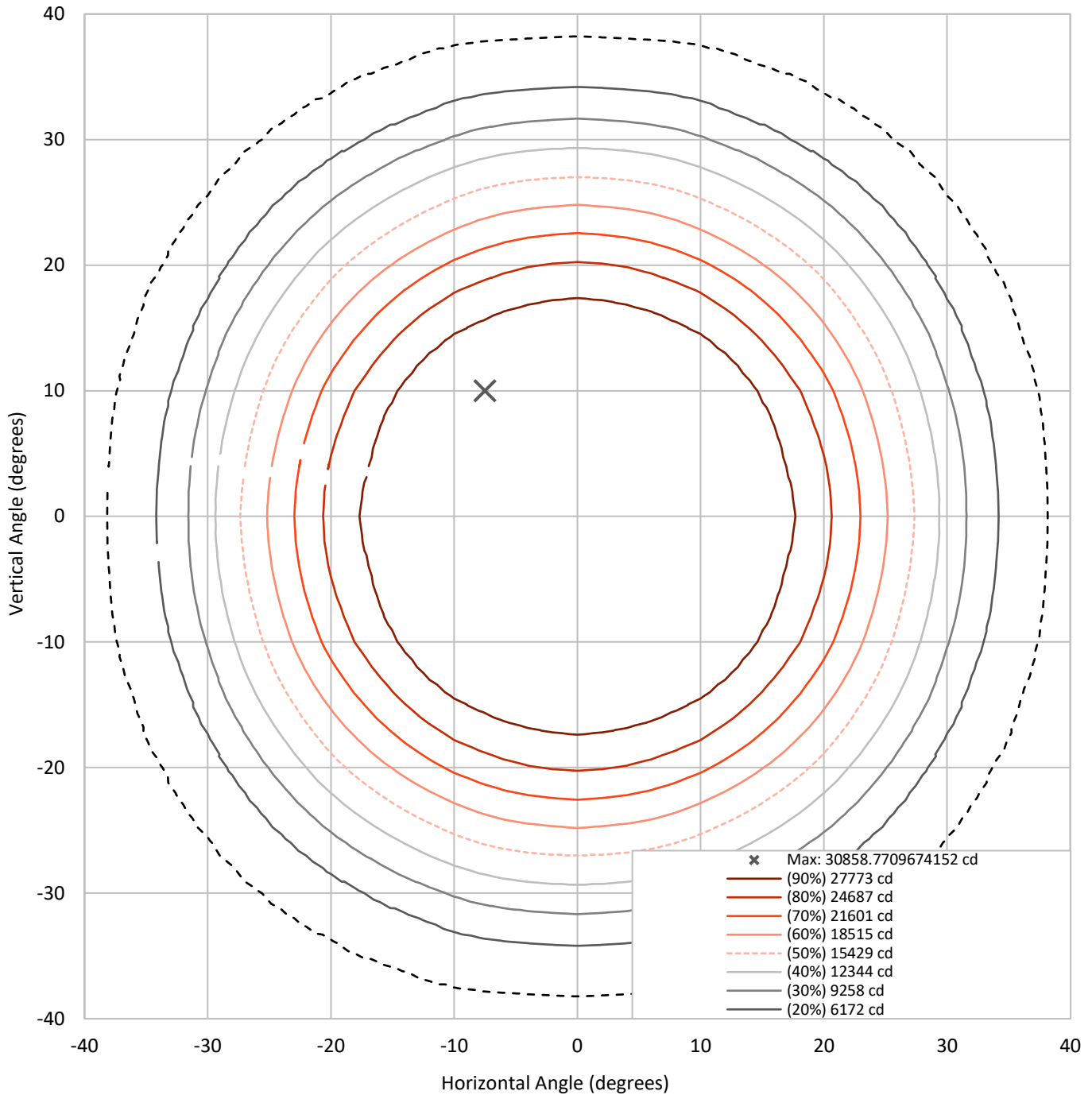
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	26263.7 lumens	Max Intensity:	30858.8 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	127.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	17432.3 lumens	Field Lumens:	22667 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	206.13		
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





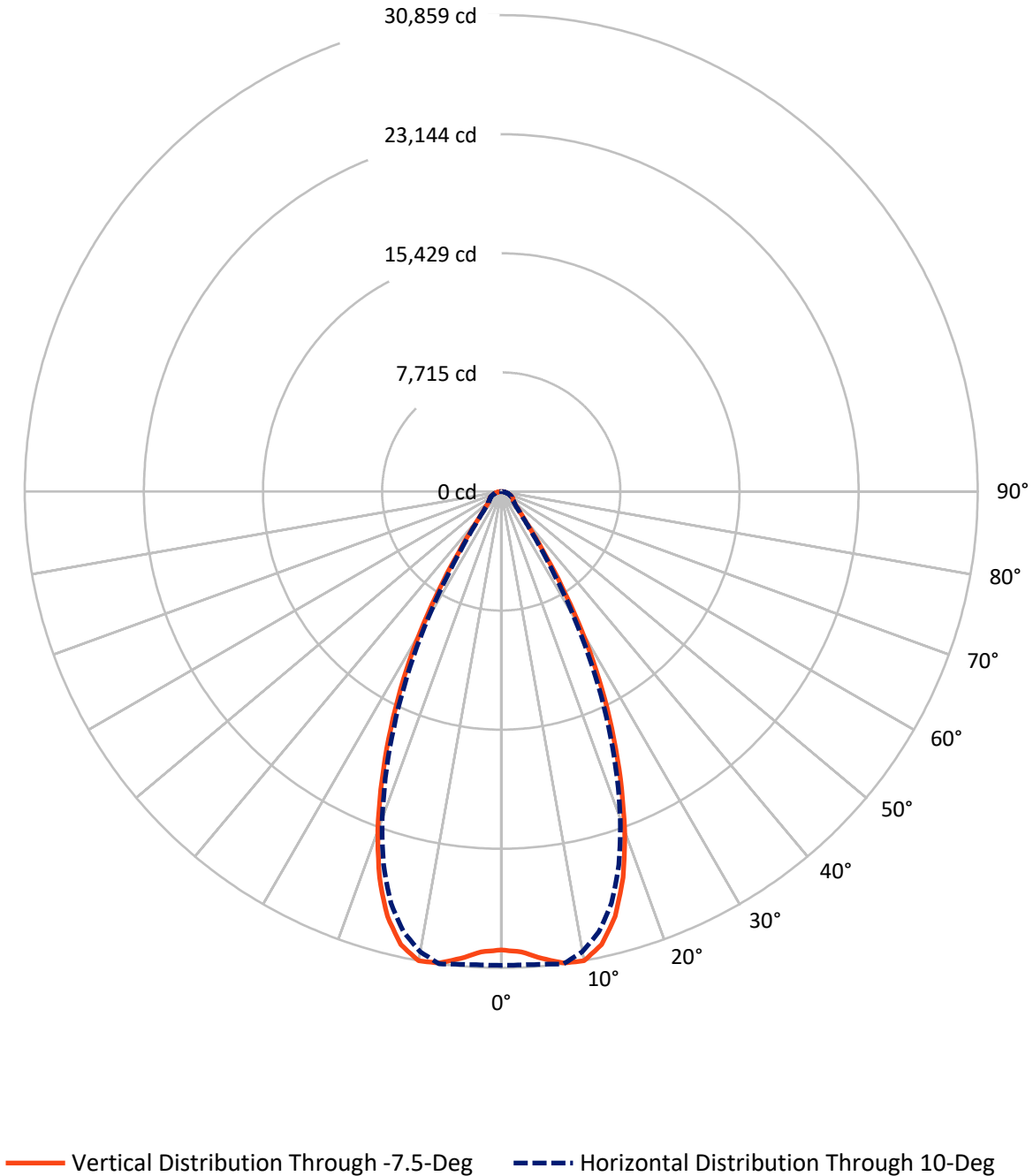
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Lumen Table

90																			
80	0.7	6.2		16.5		26.1		29.1		26.1		16.5		6.2		0.7			
70																			
60	2.8	3.2	6.4	10.5	14.7	17.9	20.2	21.4	21.4	20.2	17.9	14.7	10.5	6.4	3.2	2.8			
50		4.7	9.5	15.2	20.3	24.5	27.4	28.6	28.6	27.4	24.5	20.3	15.2	9.5	4.7				
40	4.9	6.1	12.0	18.4	24.6	32.1	40.3	46.3	46.3	40.3	32.1	24.6	18.4	12.0	6.1	4.9			
30		7.2	13.9	21.1	32.7	59.7	114.2	169.4	169.4	114.2	59.7	32.7	21.1	13.9	7.2				
20	6.4	8.1	15.2	24.7	53.8	168.6	378.3	528.2	528.2	378.3	168.6	53.8	24.7	15.2	8.1	6.4			
10		8.6	16.0	29.3	97.2	359.4	686.4	859.1	859.1	686.4	359.4	97.2	29.3	16.0	8.6				
0	6.9	8.9	16.4	33.0	140.0	491.9	832.7	906.0	906.0	832.7	491.9	140.0	33.0	16.4	8.9	6.9			
-10		8.9	16.4	33.0	140.0	491.9	832.7	906.0	906.0	832.7	491.9	140.0	33.0	16.4	8.9				
-20	6.4	8.6	16.0	29.3	97.2	359.4	686.4	859.1	859.1	686.4	359.4	97.2	29.3	16.0	8.6	6.4			
-30		8.1	15.2	24.7	53.8	168.6	378.3	528.2	528.2	378.3	168.6	53.8	24.7	15.2	8.1				
-40	4.9	7.2	13.9	21.1	32.7	59.7	114.2	169.4	169.4	114.2	59.7	32.7	21.1	13.9	7.2	4.9			
-50		6.1	12.0	18.4	24.6	32.1	40.3	46.3	46.3	40.3	32.1	24.6	18.4	12.0	6.1				
-60	2.8	4.7	9.5	15.2	20.3	24.5	27.4	28.6	28.6	27.4	24.5	20.3	15.2	9.5	4.7	2.8			
-70		3.2	6.4	10.5	14.7	17.9	20.2	21.4	21.4	20.2	17.9	14.7	10.5	6.4	3.2				
-80	0.7	6.2		16.5		26.1		29.1		26.1		16.5		6.2		0.7			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

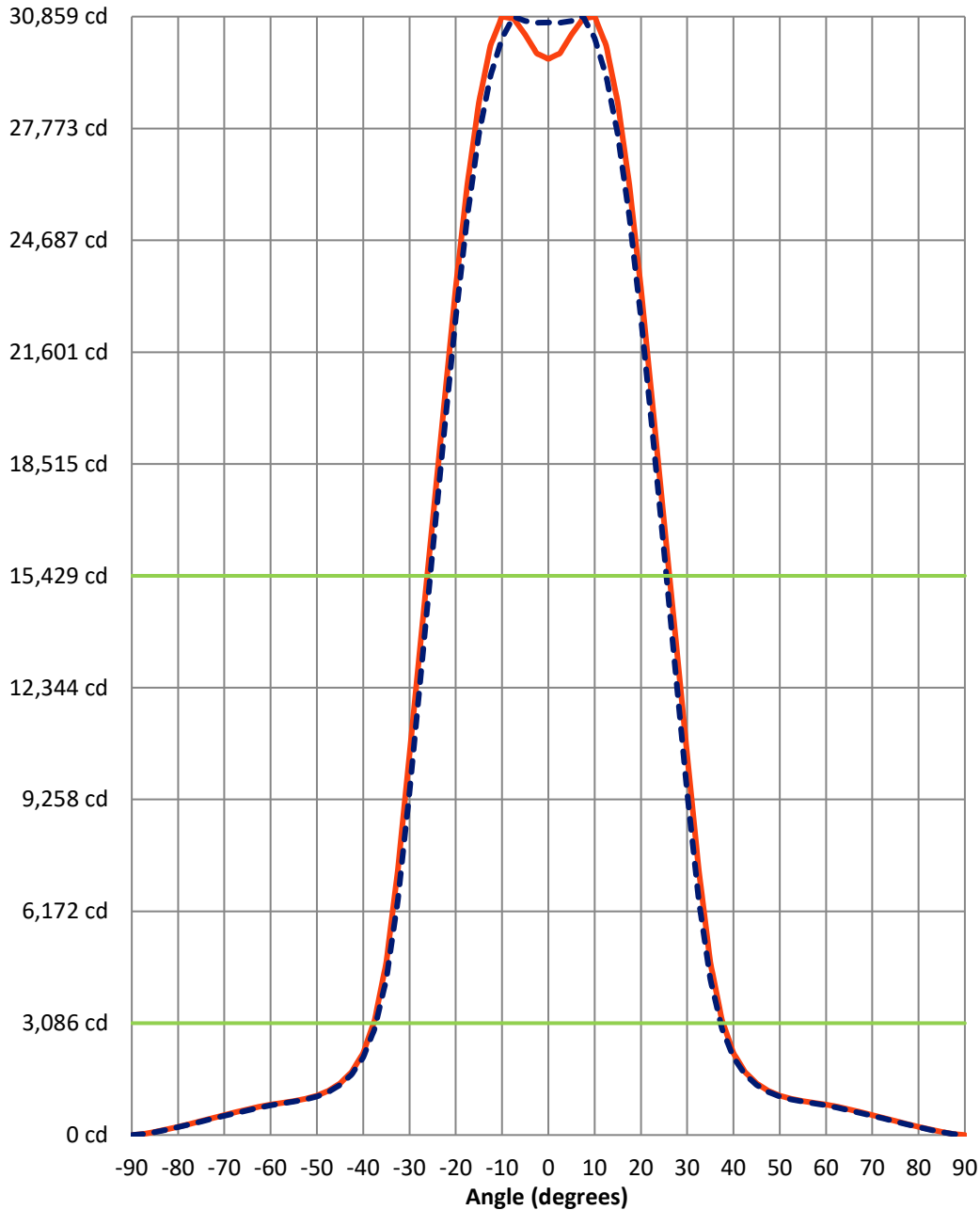
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 17432.3
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 22667
 Efficiency: 86.3%

Spill:
 Lumens: 3596.7
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg
 - - Horizontal Distribution through 10-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	1.2	2.4	3.5	4.7	5.8	7.0	8.5	10.2	11.9	13.7
85°	0.0	2.4	4.7	7.0	9.4	11.7	14.0	17.0	20.3	23.7	27.3
82.5°	0.0	3.5	7.0	10.5	14.0	17.5	20.9	25.4	30.9	39.0	46.6
80°	0.0	4.7	9.4	14.0	18.7	23.3	28.8	39.7	50.1	60.0	69.2
77.5°	0.0	5.8	11.7	17.5	23.3	31.4	43.9	56.8	69.2	80.9	93.4
75°	0.0	7.0	14.0	20.9	28.8	43.9	58.9	73.9	88.6	105.6	122.3
72.5°	0.0	8.1	16.2	24.3	38.7	56.3	73.7	91.7	111.8	131.6	151.0
70°	0.0	9.2	18.4	28.4	48.5	68.5	88.6	111.8	134.6	157.2	180.9
67.5°	0.0	10.3	20.6	35.6	58.1	80.5	105.5	131.6	157.2	183.6	210.6
65°	0.0	11.4	22.8	42.7	67.6	93.2	122.0	151.0	179.9	209.5	240.9
62.5°	0.0	12.5	24.9	49.7	76.9	106.4	138.1	170.2	202.1	235.6	273.5
60°	0.0	13.5	27.0	56.5	85.9	119.4	153.8	188.9	223.8	263.8	305.1
57.5°	0.0	14.5	31.3	63.2	95.8	131.9	169.5	207.1	247.3	291.3	335.0
55°	0.0	15.5	35.5	69.6	105.5	144.1	184.9	224.9	270.7	317.7	363.7
52.5°	0.0	16.4	39.6	75.9	114.8	156.0	199.9	244.4	293.2	342.7	391.6
50°	0.0	17.4	43.5	82.0	123.7	168.2	214.6	263.5	314.9	367.0	418.5
47.5°	0.0	18.2	47.3	87.9	132.3	180.1	229.0	281.9	335.7	390.4	444.6
45°	0.0	19.1	50.9	94.1	140.5	191.6	244.0	299.4	355.8	412.9	469.7
42.5°	0.0	19.9	54.3	99.9	148.4	202.7	258.2	316.0	374.8	434.5	493.4
40°	0.0	20.7	57.5	105.4	156.3	213.3	271.7	331.8	393.0	455.1	516.2
37.5°	0.0	21.4	60.6	110.4	164.4	223.5	284.4	346.6	410.6	475.0	538.1
35°	0.0	22.1	63.4	115.2	172.0	233.3	296.4	360.5	427.4	493.6	558.6
32.5°	0.0	22.8	66.0	119.6	179.2	242.7	307.5	373.3	443.3	510.9	576.5
30°	0.0	23.4	68.5	123.7	186.0	251.3	317.8	385.5	458.2	526.9	593.3
27.5°	0.0	23.9	70.7	127.5	192.0	259.3	327.2	397.4	471.9	541.4	608.8
25°	0.0	24.5	72.7	130.9	197.4	266.6	335.8	408.5	483.8	554.3	623.0
22.5°	0.0	24.9	74.5	134.0	202.3	273.1	343.5	418.6	494.4	565.7	635.8
20°	0.0	25.4	76.1	136.8	206.7	278.6	350.3	427.8	503.9	575.9	647.3
17.5°	0.0	25.7	77.5	139.2	210.5	283.4	356.4	435.9	512.0	584.9	657.3
15°	0.0	26.1	78.6	141.2	213.8	287.5	362.0	443.2	519.0	592.5	665.9
12.5°	0.0	26.4	79.5	142.9	216.5	290.9	366.7	449.6	525.2	598.9	673.0
10°	0.0	26.6	80.3	144.2	218.7	293.5	370.7	454.9	530.5	604.8	679.0
7.5°	0.0	26.8	80.8	145.2	220.2	295.5	373.9	459.1	534.7	609.6	684.4
5°	0.0	26.9	81.1	145.8	221.2	296.7	376.1	462.0	537.7	613.0	688.2
2.5°	0.0	27.0	81.1	146.0	221.6	297.2	377.5	463.8	539.5	615.0	690.5
0°	0.0	27.0	81.0	145.8	221.4	297.0	378.0	464.4	540.1	615.7	691.3
-2.5°	0.0	27.0	81.1	146.0	221.6	297.2	377.5	463.8	539.5	615.0	690.5
-5°	0.0	26.9	81.1	145.8	221.2	296.7	376.1	462.0	537.7	613.0	688.2
-7.5°	0.0	26.8	80.8	145.2	220.2	295.5	373.9	459.1	534.7	609.6	684.4
-10°	0.0	26.6	80.3	144.2	218.7	293.5	370.7	454.9	530.5	604.8	679.0
-12.5°	0.0	26.4	79.5	142.9	216.5	290.9	366.7	449.6	525.2	598.9	673.0
-15°	0.0	26.1	78.6	141.2	213.8	287.5	362.0	443.2	519.0	592.5	665.9
-17.5°	0.0	25.7	77.5	139.2	210.5	283.4	356.4	435.9	512.0	584.9	657.3
-20°	0.0	25.4	76.1	136.8	206.7	278.6	350.3	427.8	503.9	575.9	647.3

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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	24.9	74.5	134.0	202.3	273.1	343.5	418.6	494.4	565.7	635.8
-25°	0.0	24.5	72.7	130.9	197.4	266.6	335.8	408.5	483.8	554.3	623.0
-27.5°	0.0	23.9	70.7	127.5	192.0	259.3	327.2	397.4	471.9	541.4	608.8
-30°	0.0	23.4	68.5	123.7	186.0	251.3	317.8	385.5	458.2	526.9	593.3
-32.5°	0.0	22.8	66.0	119.6	179.2	242.7	307.5	373.3	443.3	510.9	576.5
-35°	0.0	22.1	63.4	115.2	172.0	233.3	296.4	360.5	427.4	493.6	558.6
-37.5°	0.0	21.4	60.6	110.4	164.4	223.5	284.4	346.6	410.6	475.0	538.1
-40°	0.0	20.7	57.5	105.4	156.3	213.3	271.7	331.8	393.0	455.1	516.2
-42.5°	0.0	19.9	54.3	99.9	148.4	202.7	258.2	316.0	374.8	434.5	493.4
-45°	0.0	19.1	50.9	94.1	140.5	191.6	244.0	299.4	355.8	412.9	469.7
-47.5°	0.0	18.2	47.3	87.9	132.3	180.1	229.0	281.9	335.7	390.4	444.6
-50°	0.0	17.4	43.5	82.0	123.7	168.2	214.6	263.5	314.9	367.0	418.5
-52.5°	0.0	16.4	39.6	75.9	114.8	156.0	199.9	244.4	293.2	342.7	391.6
-55°	0.0	15.5	35.5	69.6	105.5	144.1	184.9	224.9	270.7	317.7	363.7
-57.5°	0.0	14.5	31.3	63.2	95.8	131.9	169.5	207.1	247.3	291.3	335.0
-60°	0.0	13.5	27.0	56.5	85.9	119.4	153.8	188.9	223.8	263.8	305.1
-62.5°	0.0	12.5	24.9	49.7	76.9	106.4	138.1	170.2	202.1	235.6	273.5
-65°	0.0	11.4	22.8	42.7	67.6	93.2	122.0	151.0	179.9	209.5	240.9
-67.5°	0.0	10.3	20.6	35.6	58.1	80.5	105.5	131.6	157.2	183.6	210.6
-70°	0.0	9.2	18.4	28.4	48.5	68.5	88.6	111.8	134.6	157.2	180.9
-72.5°	0.0	8.1	16.2	24.3	38.7	56.3	73.7	91.7	111.8	131.6	151.0
-75°	0.0	7.0	14.0	20.9	28.8	43.9	58.9	73.9	88.6	105.6	122.3
-77.5°	0.0	5.8	11.7	17.5	23.3	31.4	43.9	56.8	69.2	80.9	93.4
-80°	0.0	4.7	9.4	14.0	18.7	23.3	28.8	39.7	50.1	60.0	69.2
-82.5°	0.0	3.5	7.0	10.5	14.0	17.5	20.9	25.4	30.9	39.0	46.6
-85°	0.0	2.4	4.7	7.0	9.4	11.7	14.0	17.0	20.3	23.7	27.3
-87.5°	0.0	1.2	2.4	3.5	4.7	5.8	7.0	8.5	10.2	11.9	13.7
-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°	15.0	16.2	17.4	18.6	19.7	20.8	21.9	22.9	23.9	24.8	25.7
85°	29.9	32.4	36.7	41.1	45.3	49.3	53.2	57.0	60.5	64.0	67.2
82.5°	53.5	60.5	67.7	74.9	81.3	87.4	93.3	99.5	105.6	111.7	117.7
80°	78.7	88.5	99.6	110.2	119.5	128.3	136.8	145.0	153.9	163.4	173.1
77.5°	107.8	121.7	134.7	147.0	158.8	171.6	184.1	196.0	208.5	220.7	232.5
75°	139.0	154.8	171.5	188.0	203.9	219.4	234.5	249.9	265.4	280.9	295.6
72.5°	171.2	191.3	211.0	230.1	250.0	269.3	288.0	306.0	324.5	343.4	361.5
70°	204.6	227.6	251.8	275.2	297.6	320.1	342.9	364.9	386.4	408.3	430.0
67.5°	238.3	267.1	294.5	320.5	346.8	373.3	399.0	425.3	450.7	476.2	500.6
65°	275.4	307.0	336.8	366.6	396.4	427.6	458.0	487.3	516.8	545.3	571.0
62.5°	311.8	345.3	378.4	412.3	447.8	482.8	516.0	549.7	584.0	613.9	639.8
60°	345.3	382.5	419.5	458.1	497.4	535.1	572.3	608.9	645.7	680.1	701.3
57.5°	377.6	418.8	459.8	501.3	542.8	584.9	623.9	664.1	698.4	727.3	751.9
55°	409.1	453.8	497.5	541.1	585.9	629.8	672.3	710.5	743.9	768.1	791.8
52.5°	439.8	486.9	532.0	579.2	626.7	673.3	717.7	753.2	780.6	805.3	827.4
50°	469.5	517.4	565.1	616.2	666.4	715.7	757.5	788.5	816.4	840.4	863.6
47.5°	497.4	547.3	598.3	652.0	704.8	752.5	790.9	823.3	851.8	877.8	905.2
45°	524.2	577.2	631.0	686.4	740.4	786.5	823.5	858.4	885.1	914.4	945.9
42.5°	550.2	605.9	662.3	719.5	774.1	817.1	854.0	886.1	917.5	952.1	990.2
40°	575.0	632.9	691.8	751.4	805.8	843.9	880.1	914.1	952.1	993.4	1037.4
37.5°	598.2	658.4	719.4	781.4	829.1	868.4	905.4	943.3	987.6	1035.3	1095.2
35°	619.8	682.0	745.2	804.6	850.0	891.7	930.0	972.3	1024.0	1086.4	1163.0
32.5°	639.9	703.9	768.9	823.4	869.3	912.5	951.9	1004.6	1066.8	1141.0	1249.6
30°	658.4	724.0	789.2	841.9	886.6	930.1	978.1	1037.4	1110.1	1218.5	1357.4
27.5°	675.6	742.2	805.1	857.3	902.2	946.9	1003.1	1075.0	1170.7	1300.1	1472.7
25°	691.4	759.6	820.3	870.2	916.6	966.2	1027.2	1108.1	1233.9	1401.1	1634.3
22.5°	705.7	775.3	834.9	881.4	930.0	983.9	1055.0	1156.2	1301.2	1496.4	1797.3
20°	718.4	787.2	845.9	891.9	942.5	998.4	1079.8	1201.8	1376.7	1629.5	2013.6
17.5°	729.6	797.5	854.1	902.1	954.6	1015.0	1103.9	1241.3	1443.8	1745.7	2232.2
15°	739.2	806.4	861.0	910.7	965.2	1033.9	1137.4	1292.9	1521.7	1866.4	2422.7
12.5°	747.1	813.7	866.6	917.8	973.9	1049.7	1166.1	1341.6	1602.6	2014.8	2703.4
10°	753.4	819.5	871.0	923.3	980.7	1062.4	1189.4	1381.4	1669.6	2143.2	2942.9
7.5°	759.2	823.7	874.0	927.1	985.6	1071.8	1207.2	1412.1	1721.0	2244.1	3132.5
5°	763.5	826.3	875.6	929.4	989.6	1078.0	1219.2	1433.4	1756.5	2316.2	3265.8
2.5°	766.0	827.1	875.9	930.0	992.7	1080.7	1225.5	1445.2	1784.4	2350.4	3337.5
0°	766.9	826.3	874.9	928.9	993.7	1080.1	1225.9	1447.3	1798.4	2349.2	3348.3
-2.5°	766.0	827.1	875.9	930.0	992.7	1080.7	1225.5	1445.2	1784.4	2350.4	3337.5
-5°	763.5	826.3	875.6	929.4	989.6	1078.0	1219.2	1433.4	1756.5	2316.2	3265.8
-7.5°	759.2	823.7	874.0	927.1	985.6	1071.8	1207.2	1412.1	1721.0	2244.1	3132.5
-10°	753.4	819.5	871.0	923.3	980.7	1062.4	1189.4	1381.4	1669.6	2143.2	2942.9
-12.5°	747.1	813.7	866.6	917.8	973.9	1049.7	1166.1	1341.6	1602.6	2014.8	2703.4
-15°	739.2	806.4	861.0	910.7	965.2	1033.9	1137.4	1292.9	1521.7	1866.4	2422.7
-17.5°	729.6	797.5	854.1	902.1	954.6	1015.0	1103.9	1241.3	1443.8	1745.7	2232.2
-20°	718.4	787.2	845.9	891.9	942.5	998.4	1079.8	1201.8	1376.7	1629.5	2013.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627617 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5C-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	705.7	775.3	834.9	881.4	930.0	983.9	1055.0	1156.2	1301.2	1496.4	1797.3
-25°	691.4	759.6	820.3	870.2	916.6	966.2	1027.2	1108.1	1233.9	1401.1	1634.3
-27.5°	675.6	742.2	805.1	857.3	902.2	946.9	1003.1	1075.0	1170.7	1300.1	1472.7
-30°	658.4	724.0	789.2	841.9	886.6	930.1	978.1	1037.4	1110.1	1218.5	1357.4
-32.5°	639.9	703.9	768.9	823.4	869.3	912.5	951.9	1004.6	1066.8	1141.0	1249.6
-35°	619.8	682.0	745.2	804.6	850.0	891.7	930.0	972.3	1024.0	1086.4	1163.0
-37.5°	598.2	658.4	719.4	781.4	829.1	868.4	905.4	943.3	987.6	1035.3	1095.2
-40°	575.0	632.9	691.8	751.4	805.8	843.9	880.1	914.1	952.1	993.4	1037.4
-42.5°	550.2	605.9	662.3	719.5	774.1	817.1	854.0	886.1	917.5	952.1	990.2
-45°	524.2	577.2	631.0	686.4	740.4	786.5	823.5	858.4	885.1	914.4	945.9
-47.5°	497.4	547.3	598.3	652.0	704.8	752.5	790.9	823.3	851.8	877.8	905.2
-50°	469.5	517.4	565.1	616.2	666.4	715.7	757.5	788.5	816.4	840.4	863.6
-52.5°	439.8	486.9	532.0	579.2	626.7	673.3	717.7	753.2	780.6	805.3	827.4
-55°	409.1	453.8	497.5	541.1	585.9	629.8	672.3	710.5	743.9	768.1	791.8
-57.5°	377.6	418.8	459.8	501.3	542.8	584.9	623.9	664.1	698.4	727.3	751.9
-60°	345.3	382.5	419.5	458.1	497.4	535.1	572.3	608.9	645.7	680.1	701.3
-62.5°	311.8	345.3	378.4	412.3	447.8	482.8	516.0	549.7	584.0	613.9	639.8
-65°	275.4	307.0	336.8	366.6	396.4	427.6	458.0	487.3	516.8	545.3	571.0
-67.5°	238.3	267.1	294.5	320.5	346.8	373.3	399.0	425.3	450.7	476.2	500.6
-70°	204.6	227.6	251.8	275.2	297.6	320.1	342.9	364.9	386.4	408.3	430.0
-72.5°	171.2	191.3	211.0	230.1	250.0	269.3	288.0	306.0	324.5	343.4	361.5
-75°	139.0	154.8	171.5	188.0	203.9	219.4	234.5	249.9	265.4	280.9	295.6
-77.5°	107.8	121.7	134.7	147.0	158.8	171.6	184.1	196.0	208.5	220.7	232.5
-80°	78.7	88.5	99.6	110.2	119.5	128.3	136.8	145.0	153.9	163.4	173.1
-82.5°	53.5	60.5	67.7	74.9	81.3	87.4	93.3	99.5	105.6	111.7	117.7
-85°	29.9	32.4	36.7	41.1	45.3	49.3	53.2	57.0	60.5	64.0	67.2
-87.5°	15.0	16.2	17.4	18.6	19.7	20.8	21.9	22.9	23.9	24.8	25.7
-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: P627617 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-727-U-MWR-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°	26.5	26.2	25.7	25.2	24.5	26.2	27.9	29.6	31.3	30.3	29.3
85°	70.3	71.9	73.2	74.3	75.3	78.6	81.9	84.9	87.7	87.7	87.3
82.5°	123.7	127.6	131.1	134.1	136.9	140.8	144.3	147.4	149.9	151.9	153.5
80°	182.3	188.7	194.3	199.3	203.8	209.0	213.8	218.1	221.8	223.8	225.1
77.5°	244.1	253.6	262.0	270.1	277.7	285.2	292.2	298.3	303.7	304.9	304.6
75°	309.7	322.3	334.2	345.3	355.4	364.2	371.6	377.8	382.9	385.4	386.8
72.5°	378.7	394.3	408.3	421.0	431.8	440.8	448.6	455.3	461.1	464.7	466.8
70°	450.7	469.2	483.6	495.4	504.7	513.7	523.8	533.4	542.4	547.4	549.4
67.5°	523.0	542.1	555.3	566.2	574.6	583.5	596.1	607.5	617.7	624.5	628.9
65°	593.7	613.8	627.1	637.4	645.2	654.1	668.2	679.5	688.2	695.0	701.2
62.5°	663.5	683.8	698.6	710.9	722.2	731.9	743.6	753.1	760.4	767.2	774.8
60°	724.0	748.1	763.6	776.1	790.1	805.3	813.8	821.0	827.1	832.6	837.3
57.5°	773.5	795.0	814.8	829.8	844.4	858.5	868.6	875.3	880.7	884.8	886.4
55°	814.8	837.0	859.2	875.4	889.8	903.0	914.0	922.8	930.0	935.6	937.0
52.5°	851.9	876.8	898.5	917.3	936.3	951.8	964.0	975.9	986.2	994.5	998.1
50°	892.2	918.3	945.4	970.5	990.8	1008.5	1023.3	1040.0	1057.7	1072.2	1081.4
47.5°	934.6	964.7	997.4	1028.4	1052.3	1078.6	1103.1	1128.0	1160.8	1188.3	1208.7
45°	979.0	1017.6	1054.9	1094.2	1127.3	1177.0	1223.0	1262.6	1315.1	1362.8	1400.7
42.5°	1031.3	1079.4	1125.3	1188.2	1254.2	1321.9	1395.1	1457.6	1539.8	1623.4	1691.0
40°	1093.4	1154.8	1235.6	1320.2	1424.2	1517.4	1643.8	1756.4	1882.5	2042.0	2173.7
37.5°	1168.1	1262.7	1375.1	1492.9	1655.3	1810.3	2019.2	2239.4	2439.1	2745.8	3003.8
35°	1265.1	1397.4	1545.4	1754.0	1983.7	2274.2	2600.1	3025.4	3390.1	3907.4	4401.7
32.5°	1390.1	1560.2	1802.0	2123.9	2463.4	2990.8	3508.0	4246.5	4930.2	5750.1	6635.0
30°	1529.2	1788.2	2157.4	2599.0	3232.3	4008.3	4920.0	6054.1	7295.3	8447.7	9583.2
27.5°	1730.9	2101.8	2586.9	3299.6	4286.5	5372.2	6969.5	8509.0	10115.2	11542.9	12733.7
25°	1966.4	2456.5	3206.7	4256.0	5590.8	7449.8	9361.9	11261.9	12989.3	14484.0	15799.7
22.5°	2270.3	2975.3	3975.4	5334.6	7413.1	9641.3	11883.4	13979.1	15821.7	17486.1	18910.3
20°	2601.0	3483.1	4911.4	6938.1	9315.0	11853.6	14385.2	16617.7	18646.4	20533.7	22138.9
17.5°	3020.1	4255.5	6064.2	8495.5	11243.5	14024.8	16684.5	19107.2	21408.9	23405.9	25083.0
15°	3377.2	4935.7	7296.3	10147.7	13120.1	16054.0	18862.0	21493.4	23886.5	25935.5	27512.1
12.5°	3853.6	5698.1	8390.2	11568.0	14789.1	17876.2	20833.9	23553.7	25989.0	28015.5	29242.8
10°	4303.9	6487.3	9447.5	12761.5	16108.0	19397.2	22555.1	25344.5	27605.7	29217.6	30263.6
7.5°	4686.8	7165.7	10307.5	13726.2	17155.9	20594.7	23791.4	26505.4	28590.2	29936.4	30664.6
5°	4972.7	7672.7	10945.9	14510.1	18029.4	21528.6	24700.4	27248.2	29050.1	30050.2	30415.8
2.5°	5154.9	7970.5	11316.4	15024.4	18614.1	22119.6	25323.8	27831.8	29360.5	30023.4	30086.4
0°	5227.7	8009.0	11373.5	15294.3	18761.4	22287.9	25501.2	28071.9	29476.0	30021.5	30010.7
-2.5°	5154.9	7970.5	11316.4	15024.4	18614.1	22119.6	25323.8	27831.8	29360.5	30023.4	30086.4
-5°	4972.7	7672.7	10945.9	14510.1	18029.4	21528.6	24700.4	27248.2	29050.1	30050.2	30415.8
-7.5°	4686.8	7165.7	10307.5	13726.2	17155.9	20594.7	23791.4	26505.4	28590.2	29936.4	30664.6
-10°	4303.9	6487.3	9447.5	12761.5	16108.0	19397.2	22555.1	25344.5	27605.7	29217.6	30263.6
-12.5°	3853.6	5698.1	8390.2	11568.0	14789.1	17876.2	20833.9	23553.7	25989.0	28015.5	29242.8
-15°	3377.2	4935.7	7296.3	10147.7	13120.1	16054.0	18862.0	21493.4	23886.5	25935.5	27512.1
-17.5°	3020.1	4255.5	6064.2	8495.5	11243.5	14024.8	16684.5	19107.2	21408.9	23405.9	25083.0
-20°	2601.0	3483.1	4911.4	6938.1	9315.0	11853.6	14385.2	16617.7	18646.4	20533.7	22138.9



REPORT NUMBER: P627617 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2270.3	2975.3	3975.4	5334.6	7413.1	9641.3	11883.4	13979.1	15821.7	17486.1	18910.3
-25°	1966.4	2456.5	3206.7	4256.0	5590.8	7449.8	9361.9	11261.9	12989.3	14484.0	15799.7
-27.5°	1730.9	2101.8	2586.9	3299.6	4286.5	5372.2	6969.5	8509.0	10115.2	11542.9	12733.7
-30°	1529.2	1788.2	2157.4	2599.0	3232.3	4008.3	4920.0	6054.1	7295.3	8447.7	9583.2
-32.5°	1390.1	1560.2	1802.0	2123.9	2463.4	2990.8	3508.0	4246.5	4930.2	5750.1	6635.0
-35°	1265.1	1397.4	1545.4	1754.0	1983.7	2274.2	2600.1	3025.4	3390.1	3907.4	4401.7
-37.5°	1168.1	1262.7	1375.1	1492.9	1655.3	1810.3	2019.2	2239.4	2439.1	2745.8	3003.8
-40°	1093.4	1154.8	1235.6	1320.2	1424.2	1517.4	1643.8	1756.4	1882.5	2042.0	2173.7
-42.5°	1031.3	1079.4	1125.3	1188.2	1254.2	1321.9	1395.1	1457.6	1539.8	1623.4	1691.0
-45°	979.0	1017.6	1054.9	1094.2	1127.3	1177.0	1223.0	1262.6	1315.1	1362.8	1400.7
-47.5°	934.6	964.7	997.4	1028.4	1052.3	1078.6	1103.1	1128.0	1160.8	1188.3	1208.7
-50°	892.2	918.3	945.4	970.5	990.8	1008.5	1023.3	1040.0	1057.7	1072.2	1081.4
-52.5°	851.9	876.8	898.5	917.3	936.3	951.8	964.0	975.9	986.2	994.5	998.1
-55°	814.8	837.0	859.2	875.4	889.8	903.0	914.0	922.8	930.0	935.6	937.0
-57.5°	773.5	795.0	814.8	829.8	844.4	858.5	868.6	875.3	880.7	884.8	886.4
-60°	724.0	748.1	763.6	776.1	790.1	805.3	813.8	821.0	827.1	832.6	837.3
-62.5°	663.5	683.8	698.6	710.9	722.2	731.9	743.6	753.1	760.4	767.2	774.8
-65°	593.7	613.8	627.1	637.4	645.2	654.1	668.2	679.5	688.2	695.0	701.2
-67.5°	523.0	542.1	555.3	566.2	574.6	583.5	596.1	607.5	617.7	624.5	628.9
-70°	450.7	469.2	483.6	495.4	504.7	513.7	523.8	533.4	542.4	547.4	549.4
-72.5°	378.7	394.3	408.3	421.0	431.8	440.8	448.6	455.3	461.1	464.7	466.8
-75°	309.7	322.3	334.2	345.3	355.4	364.2	371.6	377.8	382.9	385.4	386.8
-77.5°	244.1	253.6	262.0	270.1	277.7	285.2	292.2	298.3	303.7	304.9	304.6
-80°	182.3	188.7	194.3	199.3	203.8	209.0	213.8	218.1	221.8	223.8	225.1
-82.5°	123.7	127.6	131.1	134.1	136.9	140.8	144.3	147.4	149.9	151.9	153.5
-85°	70.3	71.9	73.2	74.3	75.3	78.6	81.9	84.9	87.7	87.7	87.3
-87.5°	26.5	26.2	25.7	25.2	24.5	26.2	27.9	29.6	31.3	30.3	29.3
-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: P627617 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-727-U-MWR-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°	28.1	26.9	27.0	27.0	27.0	26.9	28.1	29.3	30.3	31.3	29.6
85°	86.7	86.0	83.6	81.0	83.6	86.0	86.7	87.3	87.7	87.7	84.9
82.5°	154.8	155.8	153.7	151.2	153.7	155.8	154.8	153.5	151.9	149.9	147.4
80°	225.7	225.8	223.9	221.4	223.9	225.8	225.7	225.1	223.8	221.8	218.1
77.5°	303.3	301.1	302.0	302.4	302.0	301.1	303.3	304.6	304.9	303.7	298.3
75°	387.3	387.0	385.7	383.4	385.7	387.0	387.3	386.8	385.4	382.9	377.8
72.5°	467.9	467.8	466.7	464.4	466.7	467.8	467.9	466.8	464.7	461.1	455.3
70°	549.8	548.8	550.2	550.9	550.2	548.8	549.8	549.4	547.4	542.4	533.4
67.5°	632.2	634.4	634.1	631.9	634.1	634.4	632.2	628.9	624.5	617.7	607.5
65°	706.2	709.8	712.1	712.9	712.1	709.8	706.2	701.2	695.0	688.2	679.5
62.5°	780.8	785.1	785.3	783.1	785.3	785.1	780.8	774.8	767.2	760.4	753.1
60°	839.9	840.6	839.5	837.1	839.5	840.6	839.9	837.3	832.6	827.1	821.0
57.5°	886.3	884.8	882.9	880.3	882.9	884.8	886.3	886.4	884.8	880.7	875.3
55°	936.3	933.7	931.5	928.9	931.5	933.7	936.3	937.0	935.6	930.0	922.8
52.5°	998.9	997.6	996.0	993.7	996.0	997.6	998.9	998.1	994.5	986.2	975.9
50°	1086.1	1087.5	1087.3	1085.5	1087.3	1087.5	1086.1	1081.4	1072.2	1057.7	1040.0
47.5°	1221.7	1228.9	1233.8	1236.7	1233.8	1228.9	1221.7	1208.7	1188.3	1160.8	1128.0
45°	1424.9	1439.3	1449.5	1458.1	1449.5	1439.3	1424.9	1400.7	1362.8	1315.1	1262.6
42.5°	1738.5	1770.8	1786.1	1782.2	1786.1	1770.8	1738.5	1691.0	1623.4	1539.8	1457.6
40°	2261.4	2313.5	2342.4	2365.4	2342.4	2313.5	2261.4	2173.7	2042.0	1882.5	1756.4
37.5°	3180.0	3281.1	3334.4	3380.7	3334.4	3281.1	3180.0	3003.8	2745.8	2439.1	2239.4
35°	4771.1	4998.7	5120.5	5162.9	5120.5	4998.7	4771.1	4401.7	3907.4	3390.1	3025.4
32.5°	7323.6	7743.3	7975.5	8154.8	7975.5	7743.3	7323.6	6635.0	5750.1	4930.2	4246.5
30°	10482.4	11035.3	11342.4	11492.3	11342.4	11035.3	10482.4	9583.2	8447.7	7295.3	6054.1
27.5°	13720.7	14349.2	14680.3	14662.4	14680.3	14349.2	13720.7	12733.7	11542.9	10115.2	8509.0
25°	16927.6	17655.6	17985.5	18280.7	17985.5	17655.6	16927.6	15799.7	14484.0	12989.3	11261.9
22.5°	20171.1	21022.4	21486.9	21704.7	21486.9	21022.4	20171.1	18910.3	17486.1	15821.7	13979.1
20°	23375.9	24323.6	24816.7	25031.4	24816.7	24323.6	23375.9	22138.9	20533.7	18646.4	16617.7
17.5°	26218.3	27143.4	27613.4	27812.6	27613.4	27143.4	26218.3	25083.0	23405.9	21408.9	19107.2
15°	28487.8	29170.2	29569.9	29675.8	29569.9	29170.2	28487.8	27512.1	25935.5	23886.5	21493.4
12.5°	30056.7	30321.0	30513.3	30572.3	30513.3	30321.0	30056.7	29242.8	28015.5	25989.0	23553.7
10°	30858.8	30739.5	30690.2	30696.5	30690.2	30739.5	30858.8	30263.6	29217.6	27605.7	25344.5
7.5°	30803.6	30627.0	30272.4	30215.9	30272.4	30627.0	30803.6	30664.6	29936.4	28590.2	26505.4
5°	30361.1	30039.6	29450.9	29281.6	29450.9	30039.6	30361.1	30415.8	30050.2	29050.1	27248.2
2.5°	29845.2	29265.7	28723.3	28374.3	28723.3	29265.7	29845.2	30086.4	30023.4	29360.5	27831.8
0°	29692.0	29022.4	28320.3	28093.5	28320.3	29022.4	29692.0	30010.7	30021.5	29476.0	28071.9
-2.5°	29845.2	29265.7	28723.3	28374.3	28723.3	29265.7	29845.2	30086.4	30023.4	29360.5	27831.8
-5°	30361.1	30039.6	29450.9	29281.6	29450.9	30039.6	30361.1	30415.8	30050.2	29050.1	27248.2
-7.5°	30803.6	30627.0	30272.4	30215.9	30272.4	30627.0	30803.6	30664.6	29936.4	28590.2	26505.4
-10°	30858.8	30739.5	30690.2	30696.5	30690.2	30739.5	30858.8	30263.6	29217.6	27605.7	25344.5
-12.5°	30056.7	30321.0	30513.3	30572.3	30513.3	30321.0	30056.7	29242.8	28015.5	25989.0	23553.7
-15°	28487.8	29170.2	29569.9	29675.8	29569.9	29170.2	28487.8	27512.1	25935.5	23886.5	21493.4
-17.5°	26218.3	27143.4	27613.4	27812.6	27613.4	27143.4	26218.3	25083.0	23405.9	21408.9	19107.2
-20°	23375.9	24323.6	24816.7	25031.4	24816.7	24323.6	23375.9	22138.9	20533.7	18646.4	16617.7



REPORT NUMBER: P627617 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	20171.1	21022.4	21486.9	21704.7	21486.9	21022.4	20171.1	18910.3	17486.1	15821.7	13979.1
-25°	16927.6	17655.6	17985.5	18280.7	17985.5	17655.6	16927.6	15799.7	14484.0	12989.3	11261.9
-27.5°	13720.7	14349.2	14680.3	14662.4	14680.3	14349.2	13720.7	12733.7	11542.9	10115.2	8509.0
-30°	10482.4	11035.3	11342.4	11492.3	11342.4	11035.3	10482.4	9583.2	8447.7	7295.3	6054.1
-32.5°	7323.6	7743.3	7975.5	8154.8	7975.5	7743.3	7323.6	6635.0	5750.1	4930.2	4246.5
-35°	4771.1	4998.7	5120.5	5162.9	5120.5	4998.7	4771.1	4401.7	3907.4	3390.1	3025.4
-37.5°	3180.0	3281.1	3334.4	3380.7	3334.4	3281.1	3180.0	3003.8	2745.8	2439.1	2239.4
-40°	2261.4	2313.5	2342.4	2365.4	2342.4	2313.5	2261.4	2173.7	2042.0	1882.5	1756.4
-42.5°	1738.5	1770.8	1786.1	1782.2	1786.1	1770.8	1738.5	1691.0	1623.4	1539.8	1457.6
-45°	1424.9	1439.3	1449.5	1458.1	1449.5	1439.3	1424.9	1400.7	1362.8	1315.1	1262.6
-47.5°	1221.7	1228.9	1233.8	1236.7	1233.8	1228.9	1221.7	1208.7	1188.3	1160.8	1128.0
-50°	1086.1	1087.5	1087.3	1085.5	1087.3	1087.5	1086.1	1081.4	1072.2	1057.7	1040.0
-52.5°	998.9	997.6	996.0	993.7	996.0	997.6	998.9	998.1	994.5	986.2	975.9
-55°	936.3	933.7	931.5	928.9	931.5	933.7	936.3	937.0	935.6	930.0	922.8
-57.5°	886.3	884.8	882.9	880.3	882.9	884.8	886.3	886.4	884.8	880.7	875.3
-60°	839.9	840.6	839.5	837.1	839.5	840.6	839.9	837.3	832.6	827.1	821.0
-62.5°	780.8	785.1	785.3	783.1	785.3	785.1	780.8	774.8	767.2	760.4	753.1
-65°	706.2	709.8	712.1	712.9	712.1	709.8	706.2	701.2	695.0	688.2	679.5
-67.5°	632.2	634.4	634.1	631.9	634.1	634.4	632.2	628.9	624.5	617.7	607.5
-70°	549.8	548.8	550.2	550.9	550.2	548.8	549.8	549.4	547.4	542.4	533.4
-72.5°	467.9	467.8	466.7	464.4	466.7	467.8	467.9	466.8	464.7	461.1	455.3
-75°	387.3	387.0	385.7	383.4	385.7	387.0	387.3	386.8	385.4	382.9	377.8
-77.5°	303.3	301.1	302.0	302.4	302.0	301.1	303.3	304.6	304.9	303.7	298.3
-80°	225.7	225.8	223.9	221.4	223.9	225.8	225.7	225.1	223.8	221.8	218.1
-82.5°	154.8	155.8	153.7	151.2	153.7	155.8	154.8	153.5	151.9	149.9	147.4
-85°	86.7	86.0	83.6	81.0	83.6	86.0	86.7	87.3	87.7	87.7	84.9
-87.5°	28.1	26.9	27.0	27.0	27.0	26.9	28.1	29.3	30.3	31.3	29.6
-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: P627617 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-727-U-MWR-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°	27.9	26.2	24.5	25.2	25.7	26.2	26.5	25.7	24.8	23.9	22.9
85°	81.9	78.6	75.3	74.3	73.2	71.9	70.3	67.2	64.0	60.5	57.0
82.5°	144.3	140.8	136.9	134.1	131.1	127.6	123.7	117.7	111.7	105.6	99.5
80°	213.8	209.0	203.8	199.3	194.3	188.7	182.3	173.1	163.4	153.9	145.0
77.5°	292.2	285.2	277.7	270.1	262.0	253.6	244.1	232.5	220.7	208.5	196.0
75°	371.6	364.2	355.4	345.3	334.2	322.3	309.7	295.6	280.9	265.4	249.9
72.5°	448.6	440.8	431.8	421.0	408.3	394.3	378.7	361.5	343.4	324.5	306.0
70°	523.8	513.7	504.7	495.4	483.6	469.2	450.7	430.0	408.3	386.4	364.9
67.5°	596.1	583.5	574.6	566.2	555.3	542.1	523.0	500.6	476.2	450.7	425.3
65°	668.2	654.1	645.2	637.4	627.1	613.8	593.7	571.0	545.3	516.8	487.3
62.5°	743.6	731.9	722.2	710.9	698.6	683.8	663.5	639.8	613.9	584.0	549.7
60°	813.8	805.3	790.1	776.1	763.6	748.1	724.0	701.3	680.1	645.7	608.9
57.5°	868.6	858.5	844.4	829.8	814.8	795.0	773.5	751.9	727.3	698.4	664.1
55°	914.0	903.0	889.8	875.4	859.2	837.0	814.8	791.8	768.1	743.9	710.5
52.5°	964.0	951.8	936.3	917.3	898.5	876.8	851.9	827.4	805.3	780.6	753.2
50°	1023.3	1008.5	990.8	970.5	945.4	918.3	892.2	863.6	840.4	816.4	788.5
47.5°	1103.1	1078.6	1052.3	1028.4	997.4	964.7	934.6	905.2	877.8	851.8	823.3
45°	1223.0	1177.0	1127.3	1094.2	1054.9	1017.6	979.0	945.9	914.4	885.1	858.4
42.5°	1395.1	1321.9	1254.2	1188.2	1125.3	1079.4	1031.3	990.2	952.1	917.5	886.1
40°	1643.8	1517.4	1424.2	1320.2	1235.6	1154.8	1093.4	1037.4	993.4	952.1	914.1
37.5°	2019.2	1810.3	1655.3	1492.9	1375.1	1262.7	1168.1	1095.2	1035.3	987.6	943.3
35°	2600.1	2274.2	1983.7	1754.0	1545.4	1397.4	1265.1	1163.0	1086.4	1024.0	972.3
32.5°	3508.0	2990.8	2463.4	2123.9	1802.0	1560.2	1390.1	1249.6	1141.0	1066.8	1004.6
30°	4920.0	4008.3	3232.3	2599.0	2157.4	1788.2	1529.2	1357.4	1218.5	1110.1	1037.4
27.5°	6969.5	5372.2	4286.5	3299.6	2586.9	2101.8	1730.9	1472.7	1300.1	1170.7	1075.0
25°	9361.9	7449.8	5590.8	4256.0	3206.7	2456.5	1966.4	1634.3	1401.1	1233.9	1108.1
22.5°	11883.4	9641.3	7413.1	5334.6	3975.4	2975.3	2270.3	1797.3	1496.4	1301.2	1156.2
20°	14385.2	11853.6	9315.0	6938.1	4911.4	3483.1	2601.0	2013.6	1629.5	1376.7	1201.8
17.5°	16684.5	14024.8	11243.5	8495.5	6064.2	4255.5	3020.1	2232.2	1745.7	1443.8	1241.3
15°	18862.0	16054.0	13120.1	10147.7	7296.3	4935.7	3377.2	2422.7	1866.4	1521.7	1292.9
12.5°	20833.9	17876.2	14789.1	11568.0	8390.2	5698.1	3853.6	2703.4	2014.8	1602.6	1341.6
10°	22555.1	19397.2	16108.0	12761.5	9447.5	6487.3	4303.9	2942.9	2143.2	1669.6	1381.4
7.5°	23791.4	20594.7	17155.9	13726.2	10307.5	7165.7	4686.8	3132.5	2244.1	1721.0	1412.1
5°	24700.4	21528.6	18029.4	14510.1	10945.9	7672.7	4972.7	3265.8	2316.2	1756.5	1433.4
2.5°	25323.8	22119.6	18614.1	15024.4	11316.4	7970.5	5154.9	3337.5	2350.4	1784.4	1445.2
0°	25501.2	22287.9	18761.4	15294.3	11373.5	8009.0	5227.7	3348.3	2349.2	1798.4	1447.3
-2.5°	25323.8	22119.6	18614.1	15024.4	11316.4	7970.5	5154.9	3337.5	2350.4	1784.4	1445.2
-5°	24700.4	21528.6	18029.4	14510.1	10945.9	7672.7	4972.7	3265.8	2316.2	1756.5	1433.4
-7.5°	23791.4	20594.7	17155.9	13726.2	10307.5	7165.7	4686.8	3132.5	2244.1	1721.0	1412.1
-10°	22555.1	19397.2	16108.0	12761.5	9447.5	6487.3	4303.9	2942.9	2143.2	1669.6	1381.4
-12.5°	20833.9	17876.2	14789.1	11568.0	8390.2	5698.1	3853.6	2703.4	2014.8	1602.6	1341.6
-15°	18862.0	16054.0	13120.1	10147.7	7296.3	4935.7	3377.2	2422.7	1866.4	1521.7	1292.9
-17.5°	16684.5	14024.8	11243.5	8495.5	6064.2	4255.5	3020.1	2232.2	1745.7	1443.8	1241.3
-20°	14385.2	11853.6	9315.0	6938.1	4911.4	3483.1	2601.0	2013.6	1629.5	1376.7	1201.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627617 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5C-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	11883.4	9641.3	7413.1	5334.6	3975.4	2975.3	2270.3	1797.3	1496.4	1301.2	1156.2
-25°	9361.9	7449.8	5590.8	4256.0	3206.7	2456.5	1966.4	1634.3	1401.1	1233.9	1108.1
-27.5°	6969.5	5372.2	4286.5	3299.6	2586.9	2101.8	1730.9	1472.7	1300.1	1170.7	1075.0
-30°	4920.0	4008.3	3232.3	2599.0	2157.4	1788.2	1529.2	1357.4	1218.5	1110.1	1037.4
-32.5°	3508.0	2990.8	2463.4	2123.9	1802.0	1560.2	1390.1	1249.6	1141.0	1066.8	1004.6
-35°	2600.1	2274.2	1983.7	1754.0	1545.4	1397.4	1265.1	1163.0	1086.4	1024.0	972.3
-37.5°	2019.2	1810.3	1655.3	1492.9	1375.1	1262.7	1168.1	1095.2	1035.3	987.6	943.3
-40°	1643.8	1517.4	1424.2	1320.2	1235.6	1154.8	1093.4	1037.4	993.4	952.1	914.1
-42.5°	1395.1	1321.9	1254.2	1188.2	1125.3	1079.4	1031.3	990.2	952.1	917.5	886.1
-45°	1223.0	1177.0	1127.3	1094.2	1054.9	1017.6	979.0	945.9	914.4	885.1	858.4
-47.5°	1103.1	1078.6	1052.3	1028.4	997.4	964.7	934.6	905.2	877.8	851.8	823.3
-50°	1023.3	1008.5	990.8	970.5	945.4	918.3	892.2	863.6	840.4	816.4	788.5
-52.5°	964.0	951.8	936.3	917.3	898.5	876.8	851.9	827.4	805.3	780.6	753.2
-55°	914.0	903.0	889.8	875.4	859.2	837.0	814.8	791.8	768.1	743.9	710.5
-57.5°	868.6	858.5	844.4	829.8	814.8	795.0	773.5	751.9	727.3	698.4	664.1
-60°	813.8	805.3	790.1	776.1	763.6	748.1	724.0	701.3	680.1	645.7	608.9
-62.5°	743.6	731.9	722.2	710.9	698.6	683.8	663.5	639.8	613.9	584.0	549.7
-65°	668.2	654.1	645.2	637.4	627.1	613.8	593.7	571.0	545.3	516.8	487.3
-67.5°	596.1	583.5	574.6	566.2	555.3	542.1	523.0	500.6	476.2	450.7	425.3
-70°	523.8	513.7	504.7	495.4	483.6	469.2	450.7	430.0	408.3	386.4	364.9
-72.5°	448.6	440.8	431.8	421.0	408.3	394.3	378.7	361.5	343.4	324.5	306.0
-75°	371.6	364.2	355.4	345.3	334.2	322.3	309.7	295.6	280.9	265.4	249.9
-77.5°	292.2	285.2	277.7	270.1	262.0	253.6	244.1	232.5	220.7	208.5	196.0
-80°	213.8	209.0	203.8	199.3	194.3	188.7	182.3	173.1	163.4	153.9	145.0
-82.5°	144.3	140.8	136.9	134.1	131.1	127.6	123.7	117.7	111.7	105.6	99.5
-85°	81.9	78.6	75.3	74.3	73.2	71.9	70.3	67.2	64.0	60.5	57.0
-87.5°	27.9	26.2	24.5	25.2	25.7	26.2	26.5	25.7	24.8	23.9	22.9
-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: P627617 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-727-U-MWR-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°	21.9	20.8	19.7	18.6	17.4	16.2	15.0	13.7	11.9	10.2	8.5
85°	53.2	49.3	45.3	41.1	36.7	32.4	29.9	27.3	23.7	20.3	17.0
82.5°	93.3	87.4	81.3	74.9	67.7	60.5	53.5	46.6	39.0	30.9	25.4
80°	136.8	128.3	119.5	110.2	99.6	88.5	78.7	69.2	60.0	50.1	39.7
77.5°	184.1	171.6	158.8	147.0	134.7	121.7	107.8	93.4	80.9	69.2	56.8
75°	234.5	219.4	203.9	188.0	171.5	154.8	139.0	122.3	105.6	88.6	73.9
72.5°	288.0	269.3	250.0	230.1	211.0	191.3	171.2	151.0	131.6	111.8	91.7
70°	342.9	320.1	297.6	275.2	251.8	227.6	204.6	180.9	157.2	134.6	111.8
67.5°	399.0	373.3	346.8	320.5	294.5	267.1	238.3	210.6	183.6	157.2	131.6
65°	458.0	427.6	396.4	366.6	336.8	307.0	275.4	240.9	209.5	179.9	151.0
62.5°	516.0	482.8	447.8	412.3	378.4	345.3	311.8	273.5	235.6	202.1	170.2
60°	572.3	535.1	497.4	458.1	419.5	382.5	345.3	305.1	263.8	223.8	188.9
57.5°	623.9	584.9	542.8	501.3	459.8	418.8	377.6	335.0	291.3	247.3	207.1
55°	672.3	629.8	585.9	541.1	497.5	453.8	409.1	363.7	317.7	270.7	224.9
52.5°	717.7	673.3	626.7	579.2	532.0	486.9	439.8	391.6	342.7	293.2	244.4
50°	757.5	715.7	666.4	616.2	565.1	517.4	469.5	418.5	367.0	314.9	263.5
47.5°	790.9	752.5	704.8	652.0	598.3	547.3	497.4	444.6	390.4	335.7	281.9
45°	823.5	786.5	740.4	686.4	631.0	577.2	524.2	469.7	412.9	355.8	299.4
42.5°	854.0	817.1	774.1	719.5	662.3	605.9	550.2	493.4	434.5	374.8	316.0
40°	880.1	843.9	805.8	751.4	691.8	632.9	575.0	516.2	455.1	393.0	331.8
37.5°	905.4	868.4	829.1	781.4	719.4	658.4	598.2	538.1	475.0	410.6	346.6
35°	930.0	891.7	850.0	804.6	745.2	682.0	619.8	558.6	493.6	427.4	360.5
32.5°	951.9	912.5	869.3	823.4	768.9	703.9	639.9	576.5	510.9	443.3	373.3
30°	978.1	930.1	886.6	841.9	789.2	724.0	658.4	593.3	526.9	458.2	385.5
27.5°	1003.1	946.9	902.2	857.3	805.1	742.2	675.6	608.8	541.4	471.9	397.4
25°	1027.2	966.2	916.6	870.2	820.3	759.6	691.4	623.0	554.3	483.8	408.5
22.5°	1055.0	983.9	930.0	881.4	834.9	775.3	705.7	635.8	565.7	494.4	418.6
20°	1079.8	998.4	942.5	891.9	845.9	787.2	718.4	647.3	575.9	503.9	427.8
17.5°	1103.9	1015.0	954.6	902.1	854.1	797.5	729.6	657.3	584.9	512.0	435.9
15°	1137.4	1033.9	965.2	910.7	861.0	806.4	739.2	665.9	592.5	519.0	443.2
12.5°	1166.1	1049.7	973.9	917.8	866.6	813.7	747.1	673.0	598.9	525.2	449.6
10°	1189.4	1062.4	980.7	923.3	871.0	819.5	753.4	679.0	604.8	530.5	454.9
7.5°	1207.2	1071.8	985.6	927.1	874.0	823.7	759.2	684.4	609.6	534.7	459.1
5°	1219.2	1078.0	989.6	929.4	875.6	826.3	763.5	688.2	613.0	537.7	462.0
2.5°	1225.5	1080.7	992.7	930.0	875.9	827.1	766.0	690.5	615.0	539.5	463.8
0°	1225.9	1080.1	993.7	928.9	874.9	826.3	766.9	691.3	615.7	540.1	464.4
-2.5°	1225.5	1080.7	992.7	930.0	875.9	827.1	766.0	690.5	615.0	539.5	463.8
-5°	1219.2	1078.0	989.6	929.4	875.6	826.3	763.5	688.2	613.0	537.7	462.0
-7.5°	1207.2	1071.8	985.6	927.1	874.0	823.7	759.2	684.4	609.6	534.7	459.1
-10°	1189.4	1062.4	980.7	923.3	871.0	819.5	753.4	679.0	604.8	530.5	454.9
-12.5°	1166.1	1049.7	973.9	917.8	866.6	813.7	747.1	673.0	598.9	525.2	449.6
-15°	1137.4	1033.9	965.2	910.7	861.0	806.4	739.2	665.9	592.5	519.0	443.2
-17.5°	1103.9	1015.0	954.6	902.1	854.1	797.5	729.6	657.3	584.9	512.0	435.9
-20°	1079.8	998.4	942.5	891.9	845.9	787.2	718.4	647.3	575.9	503.9	427.8

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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°	1055.0	983.9	930.0	881.4	834.9	775.3	705.7	635.8	565.7	494.4	418.6
-25°	1027.2	966.2	916.6	870.2	820.3	759.6	691.4	623.0	554.3	483.8	408.5
-27.5°	1003.1	946.9	902.2	857.3	805.1	742.2	675.6	608.8	541.4	471.9	397.4
-30°	978.1	930.1	886.6	841.9	789.2	724.0	658.4	593.3	526.9	458.2	385.5
-32.5°	951.9	912.5	869.3	823.4	768.9	703.9	639.9	576.5	510.9	443.3	373.3
-35°	930.0	891.7	850.0	804.6	745.2	682.0	619.8	558.6	493.6	427.4	360.5
-37.5°	905.4	868.4	829.1	781.4	719.4	658.4	598.2	538.1	475.0	410.6	346.6
-40°	880.1	843.9	805.8	751.4	691.8	632.9	575.0	516.2	455.1	393.0	331.8
-42.5°	854.0	817.1	774.1	719.5	662.3	605.9	550.2	493.4	434.5	374.8	316.0
-45°	823.5	786.5	740.4	686.4	631.0	577.2	524.2	469.7	412.9	355.8	299.4
-47.5°	790.9	752.5	704.8	652.0	598.3	547.3	497.4	444.6	390.4	335.7	281.9
-50°	757.5	715.7	666.4	616.2	565.1	517.4	469.5	418.5	367.0	314.9	263.5
-52.5°	717.7	673.3	626.7	579.2	532.0	486.9	439.8	391.6	342.7	293.2	244.4
-55°	672.3	629.8	585.9	541.1	497.5	453.8	409.1	363.7	317.7	270.7	224.9
-57.5°	623.9	584.9	542.8	501.3	459.8	418.8	377.6	335.0	291.3	247.3	207.1
-60°	572.3	535.1	497.4	458.1	419.5	382.5	345.3	305.1	263.8	223.8	188.9
-62.5°	516.0	482.8	447.8	412.3	378.4	345.3	311.8	273.5	235.6	202.1	170.2
-65°	458.0	427.6	396.4	366.6	336.8	307.0	275.4	240.9	209.5	179.9	151.0
-67.5°	399.0	373.3	346.8	320.5	294.5	267.1	238.3	210.6	183.6	157.2	131.6
-70°	342.9	320.1	297.6	275.2	251.8	227.6	204.6	180.9	157.2	134.6	111.8
-72.5°	288.0	269.3	250.0	230.1	211.0	191.3	171.2	151.0	131.6	111.8	91.7
-75°	234.5	219.4	203.9	188.0	171.5	154.8	139.0	122.3	105.6	88.6	73.9
-77.5°	184.1	171.6	158.8	147.0	134.7	121.7	107.8	93.4	80.9	69.2	56.8
-80°	136.8	128.3	119.5	110.2	99.6	88.5	78.7	69.2	60.0	50.1	39.7
-82.5°	93.3	87.4	81.3	74.9	67.7	60.5	53.5	46.6	39.0	30.9	25.4
-85°	53.2	49.3	45.3	41.1	36.7	32.4	29.9	27.3	23.7	20.3	17.0
-87.5°	21.9	20.8	19.7	18.6	17.4	16.2	15.0	13.7	11.9	10.2	8.5
-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°	7.0	5.8	4.7	3.5	2.4	1.2	0.0
85°	14.0	11.7	9.4	7.0	4.7	2.4	0.0
82.5°	20.9	17.5	14.0	10.5	7.0	3.5	0.0
80°	28.8	23.3	18.7	14.0	9.4	4.7	0.0
77.5°	43.9	31.4	23.3	17.5	11.7	5.8	0.0
75°	58.9	43.9	28.8	20.9	14.0	7.0	0.0
72.5°	73.7	56.3	38.7	24.3	16.2	8.1	0.0
70°	88.6	68.5	48.5	28.4	18.4	9.2	0.0
67.5°	105.5	80.5	58.1	35.6	20.6	10.3	0.0
65°	122.0	93.2	67.6	42.7	22.8	11.4	0.0
62.5°	138.1	106.4	76.9	49.7	24.9	12.5	0.0
60°	153.8	119.4	85.9	56.5	27.0	13.5	0.0
57.5°	169.5	131.9	95.8	63.2	31.3	14.5	0.0
55°	184.9	144.1	105.5	69.6	35.5	15.5	0.0
52.5°	199.9	156.0	114.8	75.9	39.6	16.4	0.0
50°	214.6	168.2	123.7	82.0	43.5	17.4	0.0
47.5°	229.0	180.1	132.3	87.9	47.3	18.2	0.0
45°	244.0	191.6	140.5	94.1	50.9	19.1	0.0
42.5°	258.2	202.7	148.4	99.9	54.3	19.9	0.0
40°	271.7	213.3	156.3	105.4	57.5	20.7	0.0
37.5°	284.4	223.5	164.4	110.4	60.6	21.4	0.0
35°	296.4	233.3	172.0	115.2	63.4	22.1	0.0
32.5°	307.5	242.7	179.2	119.6	66.0	22.8	0.0
30°	317.8	251.3	186.0	123.7	68.5	23.4	0.0
27.5°	327.2	259.3	192.0	127.5	70.7	23.9	0.0
25°	335.8	266.6	197.4	130.9	72.7	24.5	0.0
22.5°	343.5	273.1	202.3	134.0	74.5	24.9	0.0
20°	350.3	278.6	206.7	136.8	76.1	25.4	0.0
17.5°	356.4	283.4	210.5	139.2	77.5	25.7	0.0
15°	362.0	287.5	213.8	141.2	78.6	26.1	0.0
12.5°	366.7	290.9	216.5	142.9	79.5	26.4	0.0
10°	370.7	293.5	218.7	144.2	80.3	26.6	0.0
7.5°	373.9	295.5	220.2	145.2	80.8	26.8	0.0
5°	376.1	296.7	221.2	145.8	81.1	26.9	0.0
2.5°	377.5	297.2	221.6	146.0	81.1	27.0	0.0
0°	378.0	297.0	221.4	145.8	81.0	27.0	0.0
-2.5°	377.5	297.2	221.6	146.0	81.1	27.0	0.0
-5°	376.1	296.7	221.2	145.8	81.1	26.9	0.0
-7.5°	373.9	295.5	220.2	145.2	80.8	26.8	0.0
-10°	370.7	293.5	218.7	144.2	80.3	26.6	0.0
-12.5°	366.7	290.9	216.5	142.9	79.5	26.4	0.0
-15°	362.0	287.5	213.8	141.2	78.6	26.1	0.0
-17.5°	356.4	283.4	210.5	139.2	77.5	25.7	0.0
-20°	350.3	278.6	206.7	136.8	76.1	25.4	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	343.5	273.1	202.3	134.0	74.5	24.9	0.0
-25°	335.8	266.6	197.4	130.9	72.7	24.5	0.0
-27.5°	327.2	259.3	192.0	127.5	70.7	23.9	0.0
-30°	317.8	251.3	186.0	123.7	68.5	23.4	0.0
-32.5°	307.5	242.7	179.2	119.6	66.0	22.8	0.0
-35°	296.4	233.3	172.0	115.2	63.4	22.1	0.0
-37.5°	284.4	223.5	164.4	110.4	60.6	21.4	0.0
-40°	271.7	213.3	156.3	105.4	57.5	20.7	0.0
-42.5°	258.2	202.7	148.4	99.9	54.3	19.9	0.0
-45°	244.0	191.6	140.5	94.1	50.9	19.1	0.0
-47.5°	229.0	180.1	132.3	87.9	47.3	18.2	0.0
-50°	214.6	168.2	123.7	82.0	43.5	17.4	0.0
-52.5°	199.9	156.0	114.8	75.9	39.6	16.4	0.0
-55°	184.9	144.1	105.5	69.6	35.5	15.5	0.0
-57.5°	169.5	131.9	95.8	63.2	31.3	14.5	0.0
-60°	153.8	119.4	85.9	56.5	27.0	13.5	0.0
-62.5°	138.1	106.4	76.9	49.7	24.9	12.5	0.0
-65°	122.0	93.2	67.6	42.7	22.8	11.4	0.0
-67.5°	105.5	80.5	58.1	35.6	20.6	10.3	0.0
-70°	88.6	68.5	48.5	28.4	18.4	9.2	0.0
-72.5°	73.7	56.3	38.7	24.3	16.2	8.1	0.0
-75°	58.9	43.9	28.8	20.9	14.0	7.0	0.0
-77.5°	43.9	31.4	23.3	17.5	11.7	5.8	0.0
-80°	28.8	23.3	18.7	14.0	9.4	4.7	0.0
-82.5°	20.9	17.5	14.0	10.5	7.0	3.5	0.0
-85°	14.0	11.7	9.4	7.0	4.7	2.4	0.0
-87.5°	7.0	5.8	4.7	3.5	2.4	1.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)