

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: P645566 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA6C-735-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645566 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-21)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/4/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6C-735-U-LAM-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, LAMBERTIAN
Light Source: (96) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

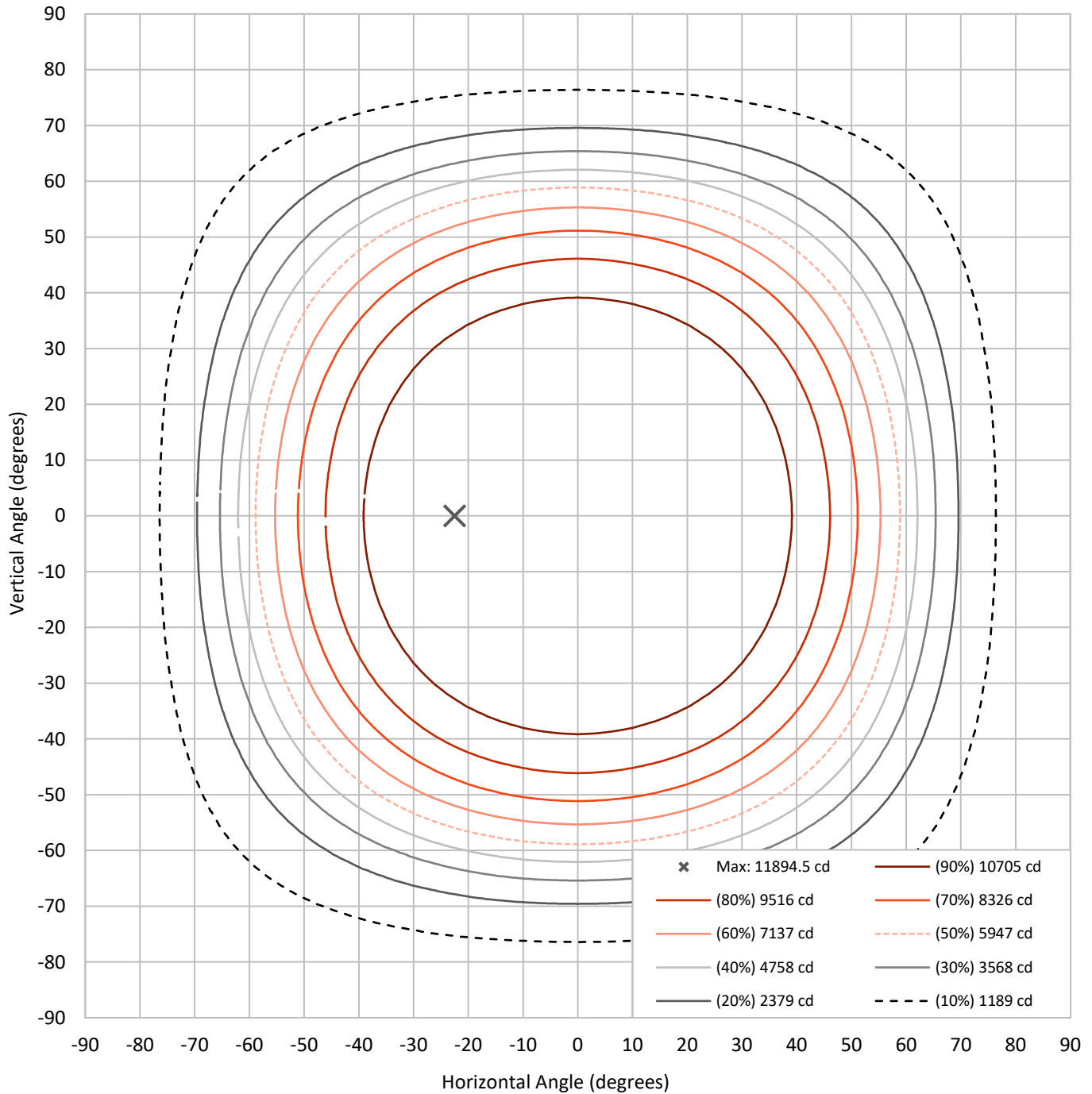
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	36386 lumens	Max Intensity:	11894.5 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	147.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	117.8°H x 112°V	Field Angle (10%):	152.8°H x 150.5°V
Beam Lumens:	30281.1 lumens	Field Lumens:	35670.4 lumens
Beam Efficiency:	83.2%	Field Efficiency:	98.0%
Input Watts (W):	247.5		
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		



REPORT NUMBER: P645566 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





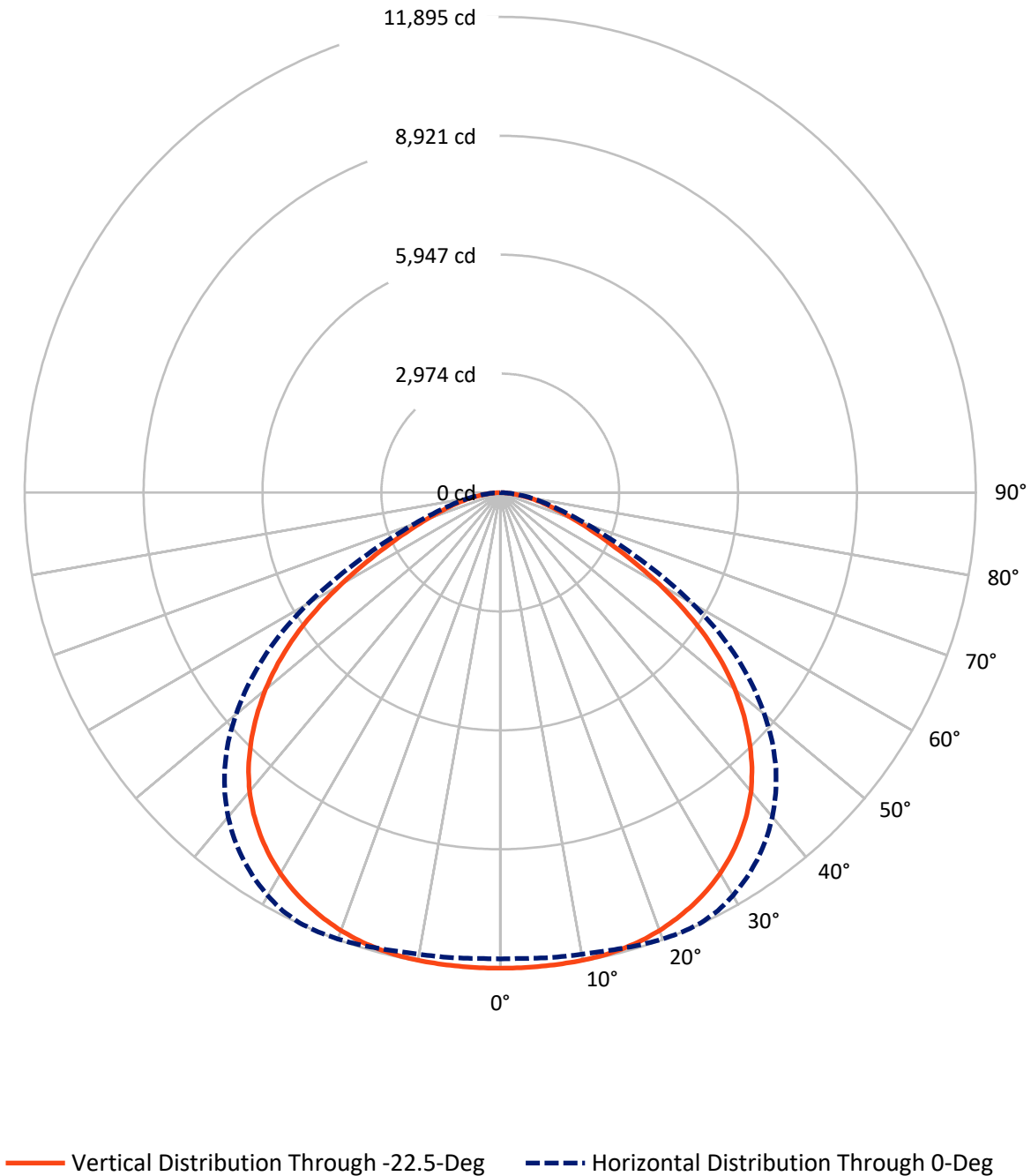
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Lumen Table

90																			
80	1.8	18.9	53.3	88.7	103.8	88.7	53.3	18.9	1.8										
70																			
60	9.0	10.6	22.1	38.7	59.8	82.6	102.0	112.9	112.9	102.0	82.6	59.8	38.7	22.1	10.6				9.0
50																			
40	17.0	16.4	37.7	73.1	119.5	164.6	198.1	215.9	215.9	198.1	164.6	119.5	73.1	37.7	16.4				17.0
30																			
20	23.3	23.5	59.7	118.9	182.2	235.3	272.8	292.0	292.0	272.8	235.3	182.2	118.9	59.7	23.5				23.3
10																			
0	25.7	31.5	84.4	157.6	226.6	281.7	318.8	337.2	337.2	318.8	281.7	226.6	157.6	84.4	31.5				25.7
-10																			
-20	23.3	39.4	105.1	184.1	254.8	308.5	342.7	357.9	357.9	342.7	308.5	254.8	184.1	105.1	39.4				23.3
-30																			
-40	17.0	45.8	118.7	200.2	270.6	321.6	348.8	358.1	358.1	348.8	321.6	270.6	200.2	118.7	45.8				17.0
-50																			
-60	9.0	49.1	125.3	207.8	277.5	325.7	347.2	354.8	354.8	347.2	325.7	277.5	207.8	125.3	49.1				9.0
-70																			
-80	1.8	49.1	125.3	207.8	277.5	325.7	347.2	354.8	354.8	347.2	325.7	277.5	207.8	125.3	49.1				1.8
-90																			

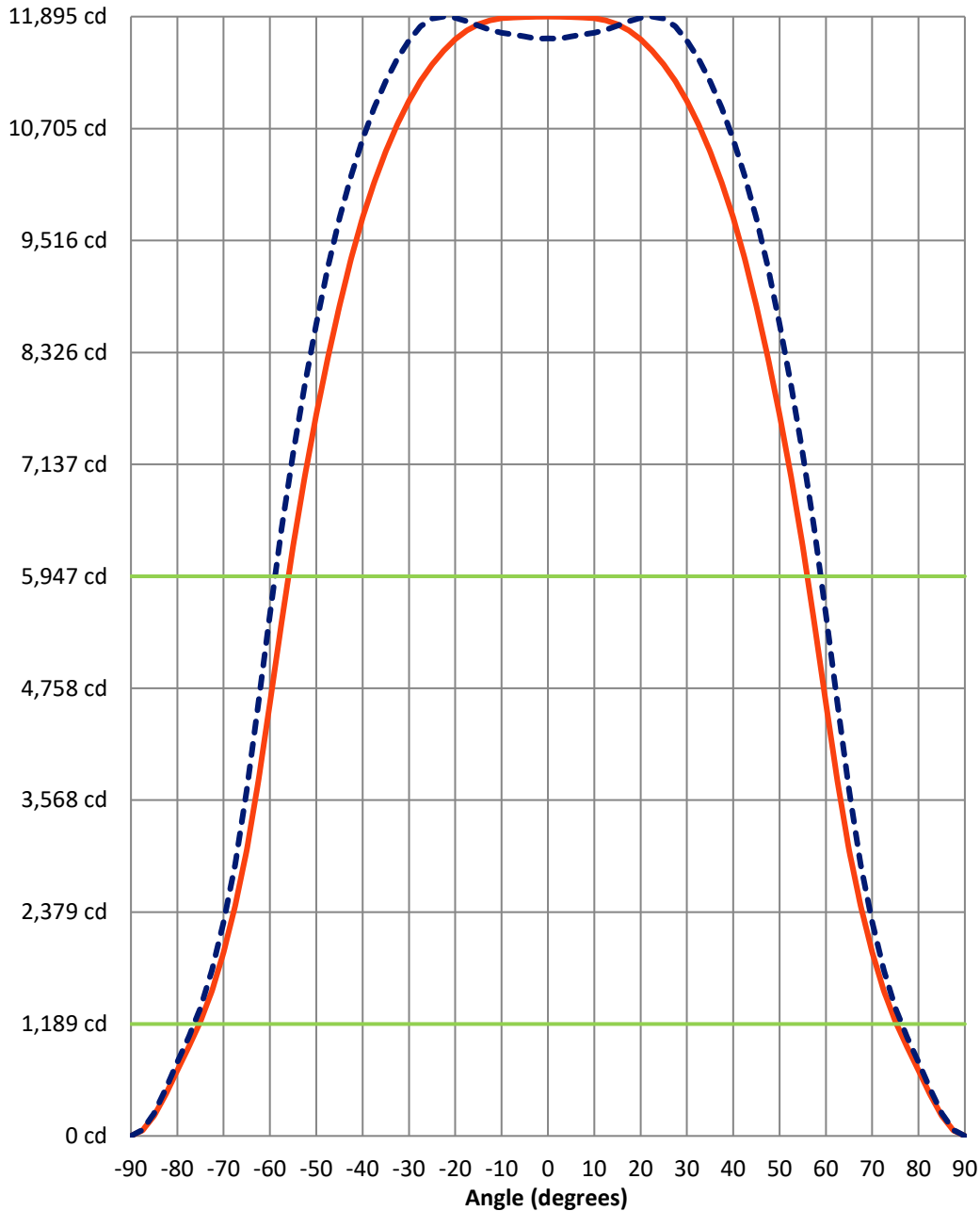
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 30281.1
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 35670.4
 Efficiency: 98.0%

Spill:
 Lumens: 715.6
 Efficiency: 2.0%

— Vertical Distribution through -22.5-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	2.8	5.7	8.5	11.3	14.1	16.8	19.6	22.3	24.9	27.5
85°	0.0	5.7	11.3	17.0	22.6	28.1	33.7	39.1	44.5	49.8	55.0
82.5°	0.0	8.5	17.0	25.4	33.8	42.2	50.4	58.6	69.3	90.8	112.0
80°	0.0	11.3	22.6	33.8	45.0	56.1	70.5	100.0	129.2	157.9	186.1
77.5°	0.0	14.1	28.1	42.2	56.1	78.2	115.5	152.3	188.7	224.5	267.7
75°	0.0	16.8	33.7	50.4	70.5	115.5	160.0	204.1	250.2	312.6	374.0
72.5°	0.0	19.6	39.1	58.6	100.0	152.3	204.1	261.5	335.2	407.8	479.2
70°	0.0	22.3	44.5	69.3	129.2	188.7	250.2	335.2	419.1	502.1	591.7
67.5°	0.0	24.9	49.8	90.8	157.9	224.5	312.6	407.8	502.1	604.2	704.8
65°	0.0	27.5	55.0	112.0	186.1	267.7	374.0	479.2	591.7	704.8	814.6
62.5°	0.0	30.1	60.1	132.7	213.7	317.9	434.1	554.3	679.7	802.7	919.1
60°	0.0	32.5	65.0	153.0	240.7	367.1	493.1	629.9	766.0	895.0	1021.5
57.5°	0.0	35.0	78.1	172.8	278.5	415.0	555.7	703.7	847.2	985.4	1130.8
55°	0.0	37.3	91.0	192.1	315.9	461.7	617.4	775.7	925.6	1076.2	1241.9
52.5°	0.0	39.6	103.4	210.8	352.2	507.8	677.3	842.7	1001.8	1173.4	1349.9
50°	0.0	41.8	115.5	228.8	387.2	556.1	735.4	907.4	1078.7	1267.8	1484.3
47.5°	0.0	44.0	127.1	248.2	421.1	602.8	791.0	969.8	1159.7	1359.1	1617.8
45°	0.0	46.0	138.3	272.6	453.6	647.6	842.4	1029.9	1237.8	1474.2	1746.6
42.5°	0.0	48.0	148.9	295.9	484.8	690.6	891.8	1092.1	1312.8	1585.3	1898.3
40°	0.0	49.9	159.1	318.2	516.1	731.6	938.8	1154.6	1391.7	1691.6	2048.2
37.5°	0.0	51.6	168.8	339.4	547.2	770.6	983.6	1214.0	1481.3	1800.2	2191.1
35°	0.0	53.3	178.0	359.3	576.6	806.4	1026.0	1270.3	1566.2	1921.6	2337.0
32.5°	0.0	54.9	186.6	378.1	604.3	839.5	1067.4	1323.3	1646.2	2036.0	2490.4
30°	0.0	56.4	194.6	395.7	630.1	870.4	1109.7	1376.5	1721.0	2143.1	2634.2
27.5°	0.0	57.7	202.0	412.0	654.1	899.1	1148.9	1437.0	1797.4	2242.8	2768.0
25°	0.0	59.0	208.9	426.9	676.1	925.5	1185.1	1492.7	1878.5	2346.6	2893.1
22.5°	0.0	60.1	215.1	440.6	696.2	949.6	1218.0	1543.6	1952.5	2447.2	3039.1
20°	0.0	61.2	220.7	452.9	714.3	971.3	1247.7	1589.4	2019.2	2538.0	3170.9
17.5°	0.0	62.1	225.7	463.7	730.4	990.5	1274.1	1630.1	2078.5	2618.7	3288.2
15°	0.0	62.9	230.0	473.2	744.4	1007.3	1297.0	1665.5	2130.1	2689.1	3390.6
12.5°	0.0	63.6	233.7	481.3	756.2	1021.5	1316.5	1695.7	2174.1	2749.1	3477.8
10°	0.0	64.1	236.7	487.9	766.0	1033.2	1332.6	1720.4	2210.2	2798.3	3549.4
7.5°	0.0	64.5	239.1	493.1	773.6	1042.3	1345.1	1739.8	2238.4	2836.8	3605.4
5°	0.0	64.9	240.7	496.7	779.0	1048.9	1354.0	1753.6	2258.6	2864.3	3645.5
2.5°	0.0	65.0	241.8	499.0	782.3	1052.8	1359.4	1761.9	2270.8	2880.9	3669.7
0°	0.0	65.1	242.1	499.7	783.4	1054.1	1361.2	1764.7	2274.8	2886.4	3677.7
-2.5°	0.0	65.0	241.8	499.0	782.3	1052.8	1359.4	1761.9	2270.8	2880.9	3669.7
-5°	0.0	64.9	240.7	496.7	779.0	1048.9	1354.0	1753.6	2258.6	2864.3	3645.5
-7.5°	0.0	64.5	239.1	493.1	773.6	1042.3	1345.1	1739.8	2238.4	2836.8	3605.4
-10°	0.0	64.1	236.7	487.9	766.0	1033.2	1332.6	1720.4	2210.2	2798.3	3549.4
-12.5°	0.0	63.6	233.7	481.3	756.2	1021.5	1316.5	1695.7	2174.1	2749.1	3477.8
-15°	0.0	62.9	230.0	473.2	744.4	1007.3	1297.0	1665.5	2130.1	2689.1	3390.6
-17.5°	0.0	62.1	225.7	463.7	730.4	990.5	1274.1	1630.1	2078.5	2618.7	3288.2
-20°	0.0	61.2	220.7	452.9	714.3	971.3	1247.7	1589.4	2019.2	2538.0	3170.9

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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	60.1	215.1	440.6	696.2	949.6	1218.0	1543.6	1952.5	2447.2	3039.1
-25°	0.0	59.0	208.9	426.9	676.1	925.5	1185.1	1492.7	1878.5	2346.6	2893.1
-27.5°	0.0	57.7	202.0	412.0	654.1	899.1	1148.9	1437.0	1797.4	2242.8	2768.0
-30°	0.0	56.4	194.6	395.7	630.1	870.4	1109.7	1376.5	1721.0	2143.1	2634.2
-32.5°	0.0	54.9	186.6	378.1	604.3	839.5	1067.4	1323.3	1646.2	2036.0	2490.4
-35°	0.0	53.3	178.0	359.3	576.6	806.4	1026.0	1270.3	1566.2	1921.6	2337.0
-37.5°	0.0	51.6	168.8	339.4	547.2	770.6	983.6	1214.0	1481.3	1800.2	2191.1
-40°	0.0	49.9	159.1	318.2	516.1	731.6	938.8	1154.6	1391.7	1691.6	2048.2
-42.5°	0.0	48.0	148.9	295.9	484.8	690.6	891.8	1092.1	1312.8	1585.3	1898.3
-45°	0.0	46.0	138.3	272.6	453.6	647.6	842.4	1029.9	1237.8	1474.2	1746.6
-47.5°	0.0	44.0	127.1	248.2	421.1	602.8	791.0	969.8	1159.7	1359.1	1617.8
-50°	0.0	41.8	115.5	228.8	387.2	556.1	735.4	907.4	1078.7	1267.8	1484.3
-52.5°	0.0	39.6	103.4	210.8	352.2	507.8	677.3	842.7	1001.8	1173.4	1349.9
-55°	0.0	37.3	91.0	192.1	315.9	461.7	617.4	775.7	925.6	1076.2	1241.9
-57.5°	0.0	35.0	78.1	172.8	278.5	415.0	555.7	703.7	847.2	985.4	1130.8
-60°	0.0	32.5	65.0	153.0	240.7	367.1	493.1	629.9	766.0	895.0	1021.5
-62.5°	0.0	30.1	60.1	132.7	213.7	317.9	434.1	554.3	679.7	802.7	919.1
-65°	0.0	27.5	55.0	112.0	186.1	267.7	374.0	479.2	591.7	704.8	814.6
-67.5°	0.0	24.9	49.8	90.8	157.9	224.5	312.6	407.8	502.1	604.2	704.8
-70°	0.0	22.3	44.5	69.3	129.2	188.7	250.2	335.2	419.1	502.1	591.7
-72.5°	0.0	19.6	39.1	58.6	100.0	152.3	204.1	261.5	335.2	407.8	479.2
-75°	0.0	16.8	33.7	50.4	70.5	115.5	160.0	204.1	250.2	312.6	374.0
-77.5°	0.0	14.1	28.1	42.2	56.1	78.2	115.5	152.3	188.7	224.5	267.7
-80°	0.0	11.3	22.6	33.8	45.0	56.1	70.5	100.0	129.2	157.9	186.1
-82.5°	0.0	8.5	17.0	25.4	33.8	42.2	50.4	58.6	69.3	90.8	112.0
-85°	0.0	5.7	11.3	17.0	22.6	28.1	33.7	39.1	44.5	49.8	55.0
-87.5°	0.0	2.8	5.7	8.5	11.3	14.1	16.8	19.6	22.3	24.9	27.5
-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):

	-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°	30.1	32.5	35.0	37.3	39.6	41.8	44.0	46.0	48.0	49.9	51.6
85°	60.1	65.0	78.1	91.0	103.4	115.5	127.1	138.3	148.9	159.1	168.8
82.5°	132.7	153.0	172.8	192.1	210.8	228.8	248.2	272.6	295.9	318.2	339.4
80°	213.7	240.7	278.5	315.9	352.2	387.2	421.1	453.6	484.8	516.1	547.2
77.5°	317.9	367.1	415.0	461.7	507.8	556.1	602.8	647.6	690.6	731.6	770.6
75°	434.1	493.1	555.7	617.4	677.3	735.4	791.0	842.4	891.8	938.8	983.6
72.5°	554.3	629.9	703.7	775.7	842.7	907.4	969.8	1029.9	1092.1	1154.6	1214.0
70°	679.7	766.0	847.2	925.6	1001.8	1078.7	1159.7	1237.8	1312.8	1391.7	1481.3
67.5°	802.7	895.0	985.4	1076.2	1173.4	1267.8	1359.1	1474.2	1585.3	1691.6	1800.2
65°	919.1	1021.5	1130.8	1241.9	1349.9	1484.3	1617.8	1746.6	1898.3	2048.2	2191.1
62.5°	1033.6	1158.3	1283.2	1419.0	1575.1	1726.9	1902.8	2082.4	2255.1	2449.7	2639.2
60°	1158.3	1297.0	1455.4	1630.1	1809.8	2019.2	2222.3	2447.2	2674.0	2893.1	3162.0
57.5°	1283.2	1455.4	1648.4	1856.5	2089.5	2324.8	2589.0	2844.6	3151.3	3457.7	3762.6
55°	1419.0	1630.1	1856.5	2113.1	2381.6	2674.7	2981.1	3338.2	3683.9	4068.9	4437.7
52.5°	1575.1	1809.8	2089.5	2381.6	2703.4	3056.0	3451.3	3860.2	4290.8	4708.9	5119.0
50°	1726.9	2019.2	2324.8	2674.7	3056.0	3489.2	3949.0	4425.2	4895.2	5353.8	5783.3
47.5°	1902.8	2222.3	2589.0	2981.1	3451.3	3949.0	4470.2	4989.1	5496.1	5966.6	6417.2
45°	2082.4	2447.2	2844.6	3338.2	3860.2	4425.2	4989.1	5543.8	6058.9	6545.1	6970.3
42.5°	2255.1	2674.0	3151.3	3683.9	4290.8	4895.2	5496.1	6058.9	6586.7	7054.8	7482.0
40°	2449.7	2893.1	3457.7	4068.9	4708.9	5353.8	5966.6	6545.1	7054.8	7520.9	7953.5
37.5°	2639.2	3162.0	3762.6	4437.7	5119.0	5783.3	6417.2	6970.3	7482.0	7953.5	8368.5
35°	2819.1	3417.6	4086.4	4795.1	5510.4	6185.8	6802.7	7365.9	7874.3	8331.9	8756.1
32.5°	3019.1	3659.2	4392.9	5138.5	5867.1	6554.8	7166.4	7717.3	8222.7	8687.3	9108.6
30°	3225.4	3919.8	4683.8	5461.9	6202.0	6874.7	7485.2	8043.1	8544.5	9003.4	9416.3
27.5°	3417.6	4165.6	4961.3	5754.6	6508.0	7174.7	7777.0	8326.2	8830.5	9292.6	9692.8
25°	3595.1	4392.9	5218.2	6022.5	6765.6	7433.8	8041.6	8590.4	9091.8	9535.3	9924.3
22.5°	3770.3	4601.1	5453.7	6268.3	7002.2	7665.5	8267.7	8818.0	9319.7	9759.0	10132.2
20°	3940.6	4795.1	5661.4	6486.3	7217.0	7876.0	8473.6	9022.8	9511.1	9936.4	10308.0
17.5°	4092.2	4967.9	5843.1	6662.3	7393.5	8055.7	8655.7	9206.7	9683.4	10096.5	10459.8
15°	4224.6	5119.0	6002.0	6816.4	7545.4	8205.0	8805.0	9350.0	9823.4	10233.1	10593.8
12.5°	4337.4	5247.8	6137.6	6948.0	7675.2	8332.7	8932.9	9470.3	9935.8	10340.2	10693.1
10°	4430.2	5353.8	6249.3	7056.5	7782.3	8438.2	9038.7	9570.0	10028.9	10429.1	10775.8
7.5°	4502.7	5436.7	6336.7	7141.4	7866.2	8520.9	9121.7	9648.3	10102.2	10499.2	10841.1
5°	4554.7	5496.1	6399.3	7202.3	7926.4	8580.4	9181.3	9704.6	10155.0	10549.8	10888.3
2.5°	4586.0	5531.9	6437.0	7239.0	7962.7	8616.1	9217.3	9738.5	10186.9	10580.3	10916.8
0°	4596.4	5543.8	6449.6	7251.2	7974.8	8628.1	9229.3	9749.9	10197.5	10590.5	10926.3
-2.5°	4586.0	5531.9	6437.0	7239.0	7962.7	8616.1	9217.3	9738.5	10186.9	10580.3	10916.8
-5°	4554.7	5496.1	6399.3	7202.3	7926.4	8580.4	9181.3	9704.6	10155.0	10549.8	10888.3
-7.5°	4502.7	5436.7	6336.7	7141.4	7866.2	8520.9	9121.7	9648.3	10102.2	10499.2	10841.1
-10°	4430.2	5353.8	6249.3	7056.5	7782.3	8438.2	9038.7	9570.0	10028.9	10429.1	10775.8
-12.5°	4337.4	5247.8	6137.6	6948.0	7675.2	8332.7	8932.9	9470.3	9935.8	10340.2	10693.1
-15°	4224.6	5119.0	6002.0	6816.4	7545.4	8205.0	8805.0	9350.0	9823.4	10233.1	10593.8
-17.5°	4092.2	4967.9	5843.1	6662.3	7393.5	8055.7	8655.7	9206.7	9683.4	10096.5	10459.8
-20°	3940.6	4795.1	5661.4	6486.3	7217.0	7876.0	8473.6	9022.8	9511.1	9936.4	10308.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645566 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6C-735-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	3770.3	4601.1	5453.7	6268.3	7002.2	7665.5	8267.7	8818.0	9319.7	9759.0	10132.2
-25°	3595.1	4392.9	5218.2	6022.5	6765.6	7433.8	8041.6	8590.4	9091.8	9535.3	9924.3
-27.5°	3417.6	4165.6	4961.3	5754.6	6508.0	7174.7	7777.0	8326.2	8830.5	9292.6	9692.8
-30°	3225.4	3919.8	4683.8	5461.9	6202.0	6874.7	7485.2	8043.1	8544.5	9003.4	9416.3
-32.5°	3019.1	3659.2	4392.9	5138.5	5867.1	6554.8	7166.4	7717.3	8222.7	8687.3	9108.6
-35°	2819.1	3417.6	4086.4	4795.1	5510.4	6185.8	6802.7	7365.9	7874.3	8331.9	8756.1
-37.5°	2639.2	3162.0	3762.6	4437.7	5119.0	5783.3	6417.2	6970.3	7482.0	7953.5	8368.5
-40°	2449.7	2893.1	3457.7	4068.9	4708.9	5353.8	5966.6	6545.1	7054.8	7520.9	7953.5
-42.5°	2255.1	2674.0	3151.3	3683.9	4290.8	4895.2	5496.1	6058.9	6586.7	7054.8	7482.0
-45°	2082.4	2447.2	2844.6	3338.2	3860.2	4425.2	4989.1	5543.8	6058.9	6545.1	6970.3
-47.5°	1902.8	2222.3	2589.0	2981.1	3451.3	3949.0	4470.2	4989.1	5496.1	5966.6	6417.2
-50°	1726.9	2019.2	2324.8	2674.7	3056.0	3489.2	3949.0	4425.2	4895.2	5353.8	5783.3
-52.5°	1575.1	1809.8	2089.5	2381.6	2703.4	3056.0	3451.3	3860.2	4290.8	4708.9	5119.0
-55°	1419.0	1630.1	1856.5	2113.1	2381.6	2674.7	2981.1	3338.2	3683.9	4068.9	4437.7
-57.5°	1283.2	1455.4	1648.4	1856.5	2089.5	2324.8	2589.0	2844.6	3151.3	3457.7	3762.6
-60°	1158.3	1297.0	1455.4	1630.1	1809.8	2019.2	2222.3	2447.2	2674.0	2893.1	3162.0
-62.5°	1033.6	1158.3	1283.2	1419.0	1575.1	1726.9	1902.8	2082.4	2255.1	2449.7	2639.2
-65°	919.1	1021.5	1130.8	1241.9	1349.9	1484.3	1617.8	1746.6	1898.3	2048.2	2191.1
-67.5°	802.7	895.0	985.4	1076.2	1173.4	1267.8	1359.1	1474.2	1585.3	1691.6	1800.2
-70°	679.7	766.0	847.2	925.6	1001.8	1078.7	1159.7	1237.8	1312.8	1391.7	1481.3
-72.5°	554.3	629.9	703.7	775.7	842.7	907.4	969.8	1029.9	1092.1	1154.6	1214.0
-75°	434.1	493.1	555.7	617.4	677.3	735.4	791.0	842.4	891.8	938.8	983.6
-77.5°	317.9	367.1	415.0	461.7	507.8	556.1	602.8	647.6	690.6	731.6	770.6
-80°	213.7	240.7	278.5	315.9	352.2	387.2	421.1	453.6	484.8	516.1	547.2
-82.5°	132.7	153.0	172.8	192.1	210.8	228.8	248.2	272.6	295.9	318.2	339.4
-85°	60.1	65.0	78.1	91.0	103.4	115.5	127.1	138.3	148.9	159.1	168.8
-87.5°	30.1	32.5	35.0	37.3	39.6	41.8	44.0	46.0	48.0	49.9	51.6
-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: P645566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-735-U-LAM-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°	53.3	54.9	56.4	57.7	59.0	60.1	61.2	62.1	62.9	63.6	64.1
85°	178.0	186.6	194.6	202.0	208.9	215.1	220.7	225.7	230.0	233.7	236.7
82.5°	359.3	378.1	395.7	412.0	426.9	440.6	452.9	463.7	473.2	481.3	487.9
80°	576.6	604.3	630.1	654.1	676.1	696.2	714.3	730.4	744.4	756.2	766.0
77.5°	806.4	839.5	870.4	899.1	925.5	949.6	971.3	990.5	1007.3	1021.5	1033.2
75°	1026.0	1067.4	1109.7	1148.9	1185.1	1218.0	1247.7	1274.1	1297.0	1316.5	1332.6
72.5°	1270.3	1323.3	1376.5	1437.0	1492.7	1543.6	1589.4	1630.1	1665.5	1695.7	1720.4
70°	1566.2	1646.2	1721.0	1797.4	1878.5	1952.5	2019.2	2078.5	2130.1	2174.1	2210.2
67.5°	1921.6	2036.0	2143.1	2242.8	2346.6	2447.2	2538.0	2618.7	2689.1	2749.1	2798.3
65°	2337.0	2490.4	2634.2	2768.0	2893.1	3039.1	3170.9	3288.2	3390.6	3477.8	3549.4
62.5°	2819.1	3019.1	3225.4	3417.6	3595.1	3770.3	3940.6	4092.2	4224.6	4337.4	4430.2
60°	3417.6	3659.2	3919.8	4165.6	4392.9	4601.1	4795.1	4967.9	5119.0	5247.8	5353.8
57.5°	4086.4	4392.9	4683.8	4961.3	5218.2	5453.7	5661.4	5843.1	6002.0	6137.6	6249.3
55°	4795.1	5138.5	5461.9	5754.6	6022.5	6268.3	6486.3	6662.3	6816.4	6948.0	7056.5
52.5°	5510.4	5867.1	6202.0	6508.0	6765.6	7002.2	7217.0	7393.5	7545.4	7675.2	7782.3
50°	6185.8	6554.8	6874.7	7174.7	7433.8	7665.5	7876.0	8055.7	8205.0	8332.7	8438.2
47.5°	6802.7	7166.4	7485.2	7777.0	8041.6	8267.7	8473.6	8655.7	8805.0	8932.9	9038.7
45°	7365.9	7717.3	8043.1	8326.2	8590.4	8818.0	9022.8	9206.7	9350.0	9470.3	9570.0
42.5°	7874.3	8222.7	8544.5	8830.5	9091.8	9319.7	9511.1	9683.4	9823.4	9935.8	10028.9
40°	8331.9	8687.3	9003.4	9292.6	9535.3	9759.0	9936.4	10096.5	10233.1	10340.2	10429.1
37.5°	8756.1	9108.6	9416.3	9692.8	9924.3	10132.2	10308.0	10459.8	10593.8	10693.1	10775.8
35°	9143.9	9478.9	9783.3	10036.7	10266.1	10462.0	10635.0	10775.1	10899.6	10994.3	11069.7
32.5°	9478.9	9811.0	10093.6	10343.0	10567.1	10749.9	10915.9	11044.2	11157.2	11248.2	11318.3
30°	9783.3	10093.6	10368.9	10616.0	10820.2	10998.3	11147.7	11272.9	11377.3	11464.2	11525.8
27.5°	10036.7	10343.0	10616.0	10843.9	11039.3	11210.6	11347.4	11468.0	11559.1	11639.0	11692.1
25°	10266.1	10567.1	10820.2	11039.3	11228.9	11385.3	11515.5	11624.7	11705.6	11774.1	11813.5
22.5°	10462.0	10749.9	10998.3	11210.6	11385.3	11531.6	11654.2	11746.8	11812.9	11854.4	11877.7
20°	10635.0	10915.9	11147.7	11347.4	11515.5	11654.2	11760.8	11829.2	11875.2	11886.6	11893.3
17.5°	10775.1	11044.2	11272.9	11468.0	11624.7	11746.8	11829.2	11877.4	11891.2	11888.7	11881.9
15°	10899.6	11157.2	11377.3	11559.1	11705.6	11812.9	11875.2	11891.2	11887.2	11873.2	11851.9
12.5°	10994.3	11248.2	11464.2	11639.0	11774.1	11854.4	11886.6	11888.7	11873.2	11846.7	11816.2
10°	11069.7	11318.3	11525.8	11692.1	11813.5	11877.7	11893.3	11881.9	11851.9	11816.2	11782.4
7.5°	11129.4	11373.9	11574.8	11734.4	11839.3	11884.9	11888.3	11866.8	11830.7	11790.2	11753.7
5°	11172.5	11414.2	11610.5	11765.3	11858.3	11890.2	11884.6	11855.0	11813.1	11770.8	11737.3
2.5°	11198.7	11438.6	11632.1	11784.1	11869.8	11893.4	11882.3	11847.6	11802.0	11758.3	11726.5
0°	11207.4	11446.8	11639.4	11790.4	11873.7	11894.5	11881.5	11845.1	11798.2	11754.0	11722.7
-2.5°	11198.7	11438.6	11632.1	11784.1	11869.8	11893.4	11882.3	11847.6	11802.0	11758.3	11726.5
-5°	11172.5	11414.2	11610.5	11765.3	11858.3	11890.2	11884.6	11855.0	11813.1	11770.8	11737.3
-7.5°	11129.4	11373.9	11574.8	11734.4	11839.3	11884.9	11888.3	11866.8	11830.7	11790.2	11753.7
-10°	11069.7	11318.3	11525.8	11692.1	11813.5	11877.7	11893.3	11881.9	11851.9	11816.2	11782.4
-12.5°	10994.3	11248.2	11464.2	11639.0	11774.1	11854.4	11886.6	11888.7	11873.2	11846.7	11816.2
-15°	10899.6	11157.2	11377.3	11559.1	11705.6	11812.9	11875.2	11891.2	11887.2	11873.2	11851.9
-17.5°	10775.1	11044.2	11272.9	11468.0	11624.7	11746.8	11829.2	11877.4	11891.2	11888.7	11881.9
-20°	10635.0	10915.9	11147.7	11347.4	11515.5	11654.2	11760.8	11829.2	11875.2	11886.6	11893.3



REPORT NUMBER: P645566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-735-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	10462.0	10749.9	10998.3	11210.6	11385.3	11531.6	11654.2	11746.8	11812.9	11854.4	11877.7
-25°	10266.1	10567.1	10820.2	11039.3	11228.9	11385.3	11515.5	11624.7	11705.6	11774.1	11813.5
-27.5°	10036.7	10343.0	10616.0	10843.9	11039.3	11210.6	11347.4	11468.0	11559.1	11639.0	11692.1
-30°	9783.3	10093.6	10368.9	10616.0	10820.2	10998.3	11147.7	11272.9	11377.3	11464.2	11525.8
-32.5°	9478.9	9811.0	10093.6	10343.0	10567.1	10749.9	10915.9	11044.2	11157.2	11248.2	11318.3
-35°	9143.9	9478.9	9783.3	10036.7	10266.1	10462.0	10635.0	10775.1	10899.6	10994.3	11069.7
-37.5°	8756.1	9108.6	9416.3	9692.8	9924.3	10132.2	10308.0	10459.8	10593.8	10693.1	10775.8
-40°	8331.9	8687.3	9003.4	9292.6	9535.3	9759.0	9936.4	10096.5	10233.1	10340.2	10429.1
-42.5°	7874.3	8222.7	8544.5	8830.5	9091.8	9319.7	9511.1	9683.4	9823.4	9935.8	10028.9
-45°	7365.9	7717.3	8043.1	8326.2	8590.4	8818.0	9022.8	9206.7	9350.0	9470.3	9570.0
-47.5°	6802.7	7166.4	7485.2	7777.0	8041.6	8267.7	8473.6	8655.7	8805.0	8932.9	9038.7
-50°	6185.8	6554.8	6874.7	7174.7	7433.8	7665.5	7876.0	8055.7	8205.0	8332.7	8438.2
-52.5°	5510.4	5867.1	6202.0	6508.0	6765.6	7002.2	7217.0	7393.5	7545.4	7675.2	7782.3
-55°	4795.1	5138.5	5461.9	5754.6	6022.5	6268.3	6486.3	6662.3	6816.4	6948.0	7056.5
-57.5°	4086.4	4392.9	4683.8	4961.3	5218.2	5453.7	5661.4	5843.1	6002.0	6137.6	6249.3
-60°	3417.6	3659.2	3919.8	4165.6	4392.9	4601.1	4795.1	4967.9	5119.0	5247.8	5353.8
-62.5°	2819.1	3019.1	3225.4	3417.6	3595.1	3770.3	3940.6	4092.2	4224.6	4337.4	4430.2
-65°	2337.0	2490.4	2634.2	2768.0	2893.1	3039.1	3170.9	3288.2	3390.6	3477.8	3549.4
-67.5°	1921.6	2036.0	2143.1	2242.8	2346.6	2447.2	2538.0	2618.7	2689.1	2749.1	2798.3
-70°	1566.2	1646.2	1721.0	1797.4	1878.5	1952.5	2019.2	2078.5	2130.1	2174.1	2210.2
-72.5°	1270.3	1323.3	1376.5	1437.0	1492.7	1543.6	1589.4	1630.1	1665.5	1695.7	1720.4
-75°	1026.0	1067.4	1109.7	1148.9	1185.1	1218.0	1247.7	1274.1	1297.0	1316.5	1332.6
-77.5°	806.4	839.5	870.4	899.1	925.5	949.6	971.3	990.5	1007.3	1021.5	1033.2
-80°	576.6	604.3	630.1	654.1	676.1	696.2	714.3	730.4	744.4	756.2	766.0
-82.5°	359.3	378.1	395.7	412.0	426.9	440.6	452.9	463.7	473.2	481.3	487.9
-85°	178.0	186.6	194.6	202.0	208.9	215.1	220.7	225.7	230.0	233.7	236.7
-87.5°	53.3	54.9	56.4	57.7	59.0	60.1	61.2	62.1	62.9	63.6	64.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-735-U-LAM-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°	64.5	64.9	65.0	65.1	65.0	64.9	64.5	64.1	63.6	62.9	62.1
85°	239.1	240.7	241.8	242.1	241.8	240.7	239.1	236.7	233.7	230.0	225.7
82.5°	493.1	496.7	499.0	499.7	499.0	496.7	493.1	487.9	481.3	473.2	463.7
80°	773.6	779.0	782.3	783.4	782.3	779.0	773.6	766.0	756.2	744.4	730.4
77.5°	1042.3	1048.9	1052.8	1054.1	1052.8	1048.9	1042.3	1033.2	1021.5	1007.3	990.5
75°	1345.1	1354.0	1359.4	1361.2	1359.4	1354.0	1345.1	1332.6	1316.5	1297.0	1274.1
72.5°	1739.8	1753.6	1761.9	1764.7	1761.9	1753.6	1739.8	1720.4	1695.7	1665.5	1630.1
70°	2238.4	2258.6	2270.8	2274.8	2270.8	2258.6	2238.4	2210.2	2174.1	2130.1	2078.5
67.5°	2836.8	2864.3	2880.9	2886.4	2880.9	2864.3	2836.8	2798.3	2749.1	2689.1	2618.7
65°	3605.4	3645.5	3669.7	3677.7	3669.7	3645.5	3605.4	3549.4	3477.8	3390.6	3288.2
62.5°	4502.7	4554.7	4586.0	4596.4	4586.0	4554.7	4502.7	4430.2	4337.4	4224.6	4092.2
60°	5436.7	5496.1	5531.9	5543.8	5531.9	5496.1	5436.7	5353.8	5247.8	5119.0	4967.9
57.5°	6336.7	6399.3	6437.0	6449.6	6437.0	6399.3	6336.7	6249.3	6137.6	6002.0	5843.1
55°	7141.4	7202.3	7239.0	7251.2	7239.0	7202.3	7141.4	7056.5	6948.0	6816.4	6662.3
52.5°	7866.2	7926.4	7962.7	7974.8	7962.7	7926.4	7866.2	7782.3	7675.2	7545.4	7393.5
50°	8520.9	8580.4	8616.1	8628.1	8616.1	8580.4	8520.9	8438.2	8332.7	8205.0	8055.7
47.5°	9121.7	9181.3	9217.3	9229.3	9217.3	9181.3	9121.7	9038.7	8932.9	8805.0	8655.7
45°	9648.3	9704.6	9738.5	9749.9	9738.5	9704.6	9648.3	9570.0	9470.3	9350.0	9206.7
42.5°	10102.2	10155.0	10186.9	10197.5	10186.9	10155.0	10102.2	10028.9	9935.8	9823.4	9683.4
40°	10499.2	10549.8	10580.3	10590.5	10580.3	10549.8	10499.2	10429.1	10340.2	10233.1	10096.5
37.5°	10841.1	10888.3	10916.8	10926.3	10916.8	10888.3	10841.1	10775.8	10693.1	10593.8	10459.8
35°	11129.4	11172.5	11198.7	11207.4	11198.7	11172.5	11129.4	11069.7	10994.3	10899.6	10775.1
32.5°	11373.9	11414.2	11438.6	11446.8	11438.6	11414.2	11373.9	11318.3	11248.2	11157.2	11044.2
30°	11574.8	11610.5	11632.1	11639.4	11632.1	11610.5	11574.8	11525.8	11464.2	11377.3	11272.9
27.5°	11734.4	11765.3	11784.1	11790.4	11784.1	11765.3	11734.4	11692.1	11639.0	11559.1	11468.0
25°	11839.3	11858.3	11869.8	11873.7	11869.8	11858.3	11839.3	11813.5	11774.1	11705.6	11624.7
22.5°	11884.9	11890.2	11893.4	11894.5	11893.4	11890.2	11884.9	11877.7	11854.4	11812.9	11746.8
20°	11888.3	11884.6	11882.3	11881.5	11882.3	11884.6	11888.3	11893.3	11886.6	11875.2	11829.2
17.5°	11866.8	11855.0	11847.6	11845.1	11847.6	11855.0	11866.8	11881.9	11888.7	11891.2	11877.4
15°	11830.7	11813.1	11802.0	11798.2	11802.0	11813.1	11830.7	11851.9	11873.2	11887.2	11891.2
12.5°	11790.2	11770.8	11758.3	11754.0	11758.3	11770.8	11790.2	11816.2	11846.7	11873.2	11888.7
10°	11753.7	11737.3	11726.5	11722.7	11726.5	11737.3	11753.7	11782.4	11816.2	11851.9	11881.9
7.5°	11730.1	11715.5	11707.4	11704.5	11707.4	11715.5	11730.1	11753.7	11790.2	11830.7	11866.8
5°	11715.5	11700.9	11688.6	11683.7	11688.6	11700.9	11715.5	11737.3	11770.8	11813.1	11855.0
2.5°	11707.4	11688.6	11670.0	11660.3	11670.0	11688.6	11707.4	11726.5	11758.3	11802.0	11847.6
0°	11704.5	11683.7	11660.3	11662.9	11660.3	11683.7	11704.5	11722.7	11754.0	11798.2	11845.1
-2.5°	11707.4	11688.6	11670.0	11660.3	11670.0	11688.6	11707.4	11726.5	11758.3	11802.0	11847.6
-5°	11715.5	11700.9	11688.6	11683.7	11688.6	11700.9	11715.5	11737.3	11770.8	11813.1	11855.0
-7.5°	11730.1	11715.5	11707.4	11704.5	11707.4	11715.5	11730.1	11753.7	11790.2	11830.7	11866.8
-10°	11753.7	11737.3	11726.5	11722.7	11726.5	11737.3	11753.7	11782.4	11816.2	11851.9	11881.9
-12.5°	11790.2	11770.8	11758.3	11754.0	11758.3	11770.8	11790.2	11816.2	11846.7	11873.2	11888.7
-15°	11830.7	11813.1	11802.0	11798.2	11802.0	11813.1	11830.7	11851.9	11873.2	11887.2	11891.2
-17.5°	11866.8	11855.0	11847.6	11845.1	11847.6	11855.0	11866.8	11881.9	11888.7	11891.2	11877.4
-20°	11888.3	11884.6	11882.3	11881.5	11882.3	11884.6	11888.3	11893.3	11886.6	11875.2	11829.2



REPORT NUMBER: P645566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-735-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	11884.9	11890.2	11893.4	11894.5	11893.4	11890.2	11884.9	11877.7	11854.4	11812.9	11746.8
-25°	11839.3	11858.3	11869.8	11873.7	11869.8	11858.3	11839.3	11813.5	11774.1	11705.6	11624.7
-27.5°	11734.4	11765.3	11784.1	11790.4	11784.1	11765.3	11734.4	11692.1	11639.0	11559.1	11468.0
-30°	11574.8	11610.5	11632.1	11639.4	11632.1	11610.5	11574.8	11525.8	11464.2	11377.3	11272.9
-32.5°	11373.9	11414.2	11438.6	11446.8	11438.6	11414.2	11373.9	11318.3	11248.2	11157.2	11044.2
-35°	11129.4	11172.5	11198.7	11207.4	11198.7	11172.5	11129.4	11069.7	10994.3	10899.6	10775.1
-37.5°	10841.1	10888.3	10916.8	10926.3	10916.8	10888.3	10841.1	10775.8	10693.1	10593.8	10459.8
-40°	10499.2	10549.8	10580.3	10590.5	10580.3	10549.8	10499.2	10429.1	10340.2	10233.1	10096.5
-42.5°	10102.2	10155.0	10186.9	10197.5	10186.9	10155.0	10102.2	10028.9	9935.8	9823.4	9683.4
-45°	9648.3	9704.6	9738.5	9749.9	9738.5	9704.6	9648.3	9570.0	9470.3	9350.0	9206.7
-47.5°	9121.7	9181.3	9217.3	9229.3	9217.3	9181.3	9121.7	9038.7	8932.9	8805.0	8655.7
-50°	8520.9	8580.4	8616.1	8628.1	8616.1	8580.4	8520.9	8438.2	8332.7	8205.0	8055.7
-52.5°	7866.2	7926.4	7962.7	7974.8	7962.7	7926.4	7866.2	7782.3	7675.2	7545.4	7393.5
-55°	7141.4	7202.3	7239.0	7251.2	7239.0	7202.3	7141.4	7056.5	6948.0	6816.4	6662.3
-57.5°	6336.7	6399.3	6437.0	6449.6	6437.0	6399.3	6336.7	6249.3	6137.6	6002.0	5843.1
-60°	5436.7	5496.1	5531.9	5543.8	5531.9	5496.1	5436.7	5353.8	5247.8	5119.0	4967.9
-62.5°	4502.7	4554.7	4586.0	4596.4	4586.0	4554.7	4502.7	4430.2	4337.4	4224.6	4092.2
-65°	3605.4	3645.5	3669.7	3677.7	3669.7	3645.5	3605.4	3549.4	3477.8	3390.6	3288.2
-67.5°	2836.8	2864.3	2880.9	2886.4	2880.9	2864.3	2836.8	2798.3	2749.1	2689.1	2618.7
-70°	2238.4	2258.6	2270.8	2274.8	2270.8	2258.6	2238.4	2210.2	2174.1	2130.1	2078.5
-72.5°	1739.8	1753.6	1761.9	1764.7	1761.9	1753.6	1739.8	1720.4	1695.7	1665.5	1630.1
-75°	1345.1	1354.0	1359.4	1361.2	1359.4	1354.0	1345.1	1332.6	1316.5	1297.0	1274.1
-77.5°	1042.3	1048.9	1052.8	1054.1	1052.8	1048.9	1042.3	1033.2	1021.5	1007.3	990.5
-80°	773.6	779.0	782.3	783.4	782.3	779.0	773.6	766.0	756.2	744.4	730.4
-82.5°	493.1	496.7	499.0	499.7	499.0	496.7	493.1	487.9	481.3	473.2	463.7
-85°	239.1	240.7	241.8	242.1	241.8	240.7	239.1	236.7	233.7	230.0	225.7
-87.5°	64.5	64.9	65.0	65.1	65.0	64.9	64.5	64.1	63.6	62.9	62.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-735-U-LAM-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°	61.2	60.1	59.0	57.7	56.4	54.9	53.3	51.6	49.9	48.0	46.0
85°	220.7	215.1	208.9	202.0	194.6	186.6	178.0	168.8	159.1	148.9	138.3
82.5°	452.9	440.6	426.9	412.0	395.7	378.1	359.3	339.4	318.2	295.9	272.6
80°	714.3	696.2	676.1	654.1	630.1	604.3	576.6	547.2	516.1	484.8	453.6
77.5°	971.3	949.6	925.5	899.1	870.4	839.5	806.4	770.6	731.6	690.6	647.6
75°	1247.7	1218.0	1185.1	1148.9	1109.7	1067.4	1026.0	983.6	938.8	891.8	842.4
72.5°	1589.4	1543.6	1492.7	1437.0	1376.5	1323.3	1270.3	1214.0	1154.6	1092.1	1029.9
70°	2019.2	1952.5	1878.5	1797.4	1721.0	1646.2	1566.2	1481.3	1391.7	1312.8	1237.8
67.5°	2538.0	2447.2	2346.6	2242.8	2143.1	2036.0	1921.6	1800.2	1691.6	1585.3	1474.2
65°	3170.9	3039.1	2893.1	2768.0	2634.2	2490.4	2337.0	2191.1	2048.2	1898.3	1746.6
62.5°	3940.6	3770.3	3595.1	3417.6	3225.4	3019.1	2819.1	2639.2	2449.7	2255.1	2082.4
60°	4795.1	4601.1	4392.9	4165.6	3919.8	3659.2	3417.6	3162.0	2893.1	2674.0	2447.2
57.5°	5661.4	5453.7	5218.2	4961.3	4683.8	4392.9	4086.4	3762.6	3457.7	3151.3	2844.6
55°	6486.3	6268.3	6022.5	5754.6	5461.9	5138.5	4795.1	4437.7	4068.9	3683.9	3338.2
52.5°	7217.0	7002.2	6765.6	6508.0	6202.0	5867.1	5510.4	5119.0	4708.9	4290.8	3860.2
50°	7876.0	7665.5	7433.8	7174.7	6874.7	6554.8	6185.8	5783.3	5353.8	4895.2	4425.2
47.5°	8473.6	8267.7	8041.6	7777.0	7485.2	7166.4	6802.7	6417.2	5966.6	5496.1	4989.1
45°	9022.8	8818.0	8590.4	8326.2	8043.1	7717.3	7365.9	6970.3	6545.1	6058.9	5543.8
42.5°	9511.1	9319.7	9091.8	8830.5	8544.5	8222.7	7874.3	7482.0	7054.8	6586.7	6058.9
40°	9936.4	9759.0	9535.3	9292.6	9003.4	8687.3	8331.9	7953.5	7520.9	7054.8	6545.1
37.5°	10308.0	10132.2	9924.3	9692.8	9416.3	9108.6	8756.1	8368.5	7953.5	7482.0	6970.3
35°	10635.0	10462.0	10266.1	10036.7	9783.3	9478.9	9143.9	8756.1	8331.9	7874.3	7365.9
32.5°	10915.9	10749.9	10567.1	10343.0	10093.6	9811.0	9478.9	9108.6	8687.3	8222.7	7717.3
30°	11147.7	10998.3	10820.2	10616.0	10368.9	10093.6	9783.3	9416.3	9003.4	8544.5	8043.1
27.5°	11347.4	11210.6	11039.3	10843.9	10616.0	10343.0	10036.7	9692.8	9292.6	8830.5	8326.2
25°	11515.5	11385.3	11228.9	11039.3	10820.2	10567.1	10266.1	9924.3	9535.3	9091.8	8590.4
22.5°	11654.2	11531.6	11385.3	11210.6	10998.3	10749.9	10462.0	10132.2	9759.0	9319.7	8818.0
20°	11760.8	11654.2	11515.5	11347.4	11147.7	10915.9	10635.0	10308.0	9936.4	9511.1	9022.8
17.5°	11829.2	11746.8	11624.7	11468.0	11272.9	11044.2	10775.1	10459.8	10096.5	9683.4	9206.7
15°	11875.2	11812.9	11705.6	11559.1	11377.3	11157.2	10899.6	10593.8	10233.1	9823.4	9350.0
12.5°	11886.6	11854.4	11774.1	11639.0	11464.2	11248.2	10994.3	10693.1	10340.2	9935.8	9470.3
10°	11893.3	11877.7	11813.5	11692.1	11525.8	11318.3	11069.7	10775.8	10429.1	10028.9	9570.0
7.5°	11888.3	11884.9	11839.3	11734.4	11574.8	11373.9	11129.4	10841.1	10499.2	10102.2	9648.3
5°	11884.6	11890.2	11858.3	11765.3	11610.5	11414.2	11172.5	10888.3	10549.8	10155.0	9704.6
2.5°	11882.3	11893.4	11869.8	11784.1	11632.1	11438.6	11198.7	10916.8	10580.3	10186.9	9738.5
0°	11881.5	11894.5	11873.7	11790.4	11639.4	11446.8	11207.4	10926.3	10590.5	10197.5	9749.9
-2.5°	11882.3	11893.4	11869.8	11784.1	11632.1	11438.6	11198.7	10916.8	10580.3	10186.9	9738.5
-5°	11884.6	11890.2	11858.3	11765.3	11610.5	11414.2	11172.5	10888.3	10549.8	10155.0	9704.6
-7.5°	11888.3	11884.9	11839.3	11734.4	11574.8	11373.9	11129.4	10841.1	10499.2	10102.2	9648.3
-10°	11893.3	11877.7	11813.5	11692.1	11525.8	11318.3	11069.7	10775.8	10429.1	10028.9	9570.0
-12.5°	11886.6	11854.4	11774.1	11639.0	11464.2	11248.2	10994.3	10693.1	10340.2	9935.8	9470.3
-15°	11875.2	11812.9	11705.6	11559.1	11377.3	11157.2	10899.6	10593.8	10233.1	9823.4	9350.0
-17.5°	11829.2	11746.8	11624.7	11468.0	11272.9	11044.2	10775.1	10459.8	10096.5	9683.4	9206.7
-20°	11760.8	11654.2	11515.5	11347.4	11147.7	10915.9	10635.0	10308.0	9936.4	9511.1	9022.8

Classified

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

Scaled Data Report



REPORT NUMBER: P645566 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6C-735-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	11654.2	11531.6	11385.3	11210.6	10998.3	10749.9	10462.0	10132.2	9759.0	9319.7	8818.0
-25°	11515.5	11385.3	11228.9	11039.3	10820.2	10567.1	10266.1	9924.3	9535.3	9091.8	8590.4
-27.5°	11347.4	11210.6	11039.3	10843.9	10616.0	10343.0	10036.7	9692.8	9292.6	8830.5	8326.2
-30°	11147.7	10998.3	10820.2	10616.0	10368.9	10093.6	9783.3	9416.3	9003.4	8544.5	8043.1
-32.5°	10915.9	10749.9	10567.1	10343.0	10093.6	9811.0	9478.9	9108.6	8687.3	8222.7	7717.3
-35°	10635.0	10462.0	10266.1	10036.7	9783.3	9478.9	9143.9	8756.1	8331.9	7874.3	7365.9
-37.5°	10308.0	10132.2	9924.3	9692.8	9416.3	9108.6	8756.1	8368.5	7953.5	7482.0	6970.3
-40°	9936.4	9759.0	9535.3	9292.6	9003.4	8687.3	8331.9	7953.5	7520.9	7054.8	6545.1
-42.5°	9511.1	9319.7	9091.8	8830.5	8544.5	8222.7	7874.3	7482.0	7054.8	6586.7	6058.9
-45°	9022.8	8818.0	8590.4	8326.2	8043.1	7717.3	7365.9	6970.3	6545.1	6058.9	5543.8
-47.5°	8473.6	8267.7	8041.6	7777.0	7485.2	7166.4	6802.7	6417.2	5966.6	5496.1	4989.1
-50°	7876.0	7665.5	7433.8	7174.7	6874.7	6554.8	6185.8	5783.3	5353.8	4895.2	4425.2
-52.5°	7217.0	7002.2	6765.6	6508.0	6202.0	5867.1	5510.4	5119.0	4708.9	4290.8	3860.2
-55°	6486.3	6268.3	6022.5	5754.6	5461.9	5138.5	4795.1	4437.7	4068.9	3683.9	3338.2
-57.5°	5661.4	5453.7	5218.2	4961.3	4683.8	4392.9	4086.4	3762.6	3457.7	3151.3	2844.6
-60°	4795.1	4601.1	4392.9	4165.6	3919.8	3659.2	3417.6	3162.0	2893.1	2674.0	2447.2
-62.5°	3940.6	3770.3	3595.1	3417.6	3225.4	3019.1	2819.1	2639.2	2449.7	2255.1	2082.4
-65°	3170.9	3039.1	2893.1	2768.0	2634.2	2490.4	2337.0	2191.1	2048.2	1898.3	1746.6
-67.5°	2538.0	2447.2	2346.6	2242.8	2143.1	2036.0	1921.6	1800.2	1691.6	1585.3	1474.2
-70°	2019.2	1952.5	1878.5	1797.4	1721.0	1646.2	1566.2	1481.3	1391.7	1312.8	1237.8
-72.5°	1589.4	1543.6	1492.7	1437.0	1376.5	1323.3	1270.3	1214.0	1154.6	1092.1	1029.9
-75°	1247.7	1218.0	1185.1	1148.9	1109.7	1067.4	1026.0	983.6	938.8	891.8	842.4
-77.5°	971.3	949.6	925.5	899.1	870.4	839.5	806.4	770.6	731.6	690.6	647.6
-80°	714.3	696.2	676.1	654.1	630.1	604.3	576.6	547.2	516.1	484.8	453.6
-82.5°	452.9	440.6	426.9	412.0	395.7	378.1	359.3	339.4	318.2	295.9	272.6
-85°	220.7	215.1	208.9	202.0	194.6	186.6	178.0	168.8	159.1	148.9	138.3
-87.5°	61.2	60.1	59.0	57.7	56.4	54.9	53.3	51.6	49.9	48.0	46.0
-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: P645566 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-735-U-LAM-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°	44.0	41.8	39.6	37.3	35.0	32.5	30.1	27.5	24.9	22.3	19.6
85°	127.1	115.5	103.4	91.0	78.1	65.0	60.1	55.0	49.8	44.5	39.1
82.5°	248.2	228.8	210.8	192.1	172.8	153.0	132.7	112.0	90.8	69.3	58.6
80°	421.1	387.2	352.2	315.9	278.5	240.7	213.7	186.1	157.9	129.2	100.0
77.5°	602.8	556.1	507.8	461.7	415.0	367.1	317.9	267.7	224.5	188.7	152.3
75°	791.0	735.4	677.3	617.4	555.7	493.1	434.1	374.0	312.6	250.2	204.1
72.5°	969.8	907.4	842.7	775.7	703.7	629.9	554.3	479.2	407.8	335.2	261.5
70°	1159.7	1078.7	1001.8	925.6	847.2	766.0	679.7	591.7	502.1	419.1	335.2
67.5°	1359.1	1267.8	1173.4	1076.2	985.4	895.0	802.7	704.8	604.2	502.1	407.8
65°	1617.8	1484.3	1349.9	1241.9	1130.8	1021.5	919.1	814.6	704.8	591.7	479.2
62.5°	1902.8	1726.9	1575.1	1419.0	1283.2	1158.3	1033.6	919.1	802.7	679.7	554.3
60°	2222.3	2019.2	1809.8	1630.1	1455.4	1297.0	1158.3	1021.5	895.0	766.0	629.9
57.5°	2589.0	2324.8	2089.5	1856.5	1648.4	1455.4	1283.2	1130.8	985.4	847.2	703.7
55°	2981.1	2674.7	2381.6	2113.1	1856.5	1630.1	1419.0	1241.9	1076.2	925.6	775.7
52.5°	3451.3	3056.0	2703.4	2381.6	2089.5	1809.8	1575.1	1349.9	1173.4	1001.8	842.7
50°	3949.0	3489.2	3056.0	2674.7	2324.8	2019.2	1726.9	1484.3	1267.8	1078.7	907.4
47.5°	4470.2	3949.0	3451.3	2981.1	2589.0	2222.3	1902.8	1617.8	1359.1	1159.7	969.8
45°	4989.1	4425.2	3860.2	3338.2	2844.6	2447.2	2082.4	1746.6	1474.2	1237.8	1029.9
42.5°	5496.1	4895.2	4290.8	3683.9	3151.3	2674.0	2255.1	1898.3	1585.3	1312.8	1092.1
40°	5966.6	5353.8	4708.9	4068.9	3457.7	2893.1	2449.7	2048.2	1691.6	1391.7	1154.6
37.5°	6417.2	5783.3	5119.0	4437.7	3762.6	3162.0	2639.2	2191.1	1800.2	1481.3	1214.0
35°	6802.7	6185.8	5510.4	4795.1	4086.4	3417.6	2819.1	2337.0	1921.6	1566.2	1270.3
32.5°	7166.4	6554.8	5867.1	5138.5	4392.9	3659.2	3019.1	2490.4	2036.0	1646.2	1323.3
30°	7485.2	6874.7	6202.0	5461.9	4683.8	3919.8	3225.4	2634.2	2143.1	1721.0	1376.5
27.5°	7777.0	7174.7	6508.0	5754.6	4961.3	4165.6	3417.6	2768.0	2242.8	1797.4	1437.0
25°	8041.6	7433.8	6765.6	6022.5	5218.2	4392.9	3595.1	2893.1	2346.6	1878.5	1492.7
22.5°	8267.7	7665.5	7002.2	6268.3	5453.7	4601.1	3770.3	3039.1	2447.2	1952.5	1543.6
20°	8473.6	7876.0	7217.0	6486.3	5661.4	4795.1	3940.6	3170.9	2538.0	2019.2	1589.4
17.5°	8655.7	8055.7	7393.5	6662.3	5843.1	4967.9	4092.2	3288.2	2618.7	2078.5	1630.1
15°	8805.0	8205.0	7545.4	6816.4	6002.0	5119.0	4224.6	3390.6	2689.1	2130.1	1665.5
12.5°	8932.9	8332.7	7675.2	6948.0	6137.6	5247.8	4337.4	3477.8	2749.1	2174.1	1695.7
10°	9038.7	8438.2	7782.3	7056.5	6249.3	5353.8	4430.2	3549.4	2798.3	2210.2	1720.4
7.5°	9121.7	8520.9	7866.2	7141.4	6336.7	5436.7	4502.7	3605.4	2836.8	2238.4	1739.8
5°	9181.3	8580.4	7926.4	7202.3	6399.3	5496.1	4554.7	3645.5	2864.3	2258.6	1753.6
2.5°	9217.3	8616.1	7962.7	7239.0	6437.0	5531.9	4586.0	3669.7	2880.9	2270.8	1761.9
0°	9229.3	8628.1	7974.8	7251.2	6449.6	5543.8	4596.4	3677.7	2886.4	2274.8	1764.7
-2.5°	9217.3	8616.1	7962.7	7239.0	6437.0	5531.9	4586.0	3669.7	2880.9	2270.8	1761.9
-5°	9181.3	8580.4	7926.4	7202.3	6399.3	5496.1	4554.7	3645.5	2864.3	2258.6	1753.6
-7.5°	9121.7	8520.9	7866.2	7141.4	6336.7	5436.7	4502.7	3605.4	2836.8	2238.4	1739.8
-10°	9038.7	8438.2	7782.3	7056.5	6249.3	5353.8	4430.2	3549.4	2798.3	2210.2	1720.4
-12.5°	8932.9	8332.7	7675.2	6948.0	6137.6	5247.8	4337.4	3477.8	2749.1	2174.1	1695.7
-15°	8805.0	8205.0	7545.4	6816.4	6002.0	5119.0	4224.6	3390.6	2689.1	2130.1	1665.5
-17.5°	8655.7	8055.7	7393.5	6662.3	5843.1	4967.9	4092.2	3288.2	2618.7	2078.5	1630.1
-20°	8473.6	7876.0	7217.0	6486.3	5661.4	4795.1	3940.6	3170.9	2538.0	2019.2	1589.4



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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°	8267.7	7665.5	7002.2	6268.3	5453.7	4601.1	3770.3	3039.1	2447.2	1952.5	1543.6
-25°	8041.6	7433.8	6765.6	6022.5	5218.2	4392.9	3595.1	2893.1	2346.6	1878.5	1492.7
-27.5°	7777.0	7174.7	6508.0	5754.6	4961.3	4165.6	3417.6	2768.0	2242.8	1797.4	1437.0
-30°	7485.2	6874.7	6202.0	5461.9	4683.8	3919.8	3225.4	2634.2	2143.1	1721.0	1376.5
-32.5°	7166.4	6554.8	5867.1	5138.5	4392.9	3659.2	3019.1	2490.4	2036.0	1646.2	1323.3
-35°	6802.7	6185.8	5510.4	4795.1	4086.4	3417.6	2819.1	2337.0	1921.6	1566.2	1270.3
-37.5°	6417.2	5783.3	5119.0	4437.7	3762.6	3162.0	2639.2	2191.1	1800.2	1481.3	1214.0
-40°	5966.6	5353.8	4708.9	4068.9	3457.7	2893.1	2449.7	2048.2	1691.6	1391.7	1154.6
-42.5°	5496.1	4895.2	4290.8	3683.9	3151.3	2674.0	2255.1	1898.3	1585.3	1312.8	1092.1
-45°	4989.1	4425.2	3860.2	3338.2	2844.6	2447.2	2082.4	1746.6	1474.2	1237.8	1029.9
-47.5°	4470.2	3949.0	3451.3	2981.1	2589.0	2222.3	1902.8	1617.8	1359.1	1159.7	969.8
-50°	3949.0	3489.2	3056.0	2674.7	2324.8	2019.2	1726.9	1484.3	1267.8	1078.7	907.4
-52.5°	3451.3	3056.0	2703.4	2381.6	2089.5	1809.8	1575.1	1349.9	1173.4	1001.8	842.7
-55°	2981.1	2674.7	2381.6	2113.1	1856.5	1630.1	1419.0	1241.9	1076.2	925.6	775.7
-57.5°	2589.0	2324.8	2089.5	1856.5	1648.4	1455.4	1283.2	1130.8	985.4	847.2	703.7
-60°	2222.3	2019.2	1809.8	1630.1	1455.4	1297.0	1158.3	1021.5	895.0	766.0	629.9
-62.5°	1902.8	1726.9	1575.1	1419.0	1283.2	1158.3	1033.6	919.1	802.7	679.7	554.3
-65°	1617.8	1484.3	1349.9	1241.9	1130.8	1021.5	919.1	814.6	704.8	591.7	479.2
-67.5°	1359.1	1267.8	1173.4	1076.2	985.4	895.0	802.7	704.8	604.2	502.1	407.8
-70°	1159.7	1078.7	1001.8	925.6	847.2	766.0	679.7	591.7	502.1	419.1	335.2
-72.5°	969.8	907.4	842.7	775.7	703.7	629.9	554.3	479.2	407.8	335.2	261.5
-75°	791.0	735.4	677.3	617.4	555.7	493.1	434.1	374.0	312.6	250.2	204.1
-77.5°	602.8	556.1	507.8	461.7	415.0	367.1	317.9	267.7	224.5	188.7	152.3
-80°	421.1	387.2	352.2	315.9	278.5	240.7	213.7	186.1	157.9	129.2	100.0
-82.5°	248.2	228.8	210.8	192.1	172.8	153.0	132.7	112.0	90.8	69.3	58.6
-85°	127.1	115.5	103.4	91.0	78.1	65.0	60.1	55.0	49.8	44.5	39.1
-87.5°	44.0	41.8	39.6	37.3	35.0	32.5	30.1	27.5	24.9	22.3	19.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	16.8	14.1	11.3	8.5	5.7	2.8	0.0
85°	33.7	28.1	22.6	17.0	11.3	5.7	0.0
82.5°	50.4	42.2	33.8	25.4	17.0	8.5	0.0
80°	70.5	56.1	45.0	33.8	22.6	11.3	0.0
77.5°	115.5	78.2	56.1	42.2	28.1	14.1	0.0
75°	160.0	115.5	70.5	50.4	33.7	16.8	0.0
72.5°	204.1	152.3	100.0	58.6	39.1	19.6	0.0
70°	250.2	188.7	129.2	69.3	44.5	22.3	0.0
67.5°	312.6	224.5	157.9	90.8	49.8	24.9	0.0
65°	374.0	267.7	186.1	112.0	55.0	27.5	0.0
62.5°	434.1	317.9	213.7	132.7	60.1	30.1	0.0
60°	493.1	367.1	240.7	153.0	65.0	32.5	0.0
57.5°	555.7	415.0	278.5	172.8	78.1	35.0	0.0
55°	617.4	461.7	315.9	192.1	91.0	37.3	0.0
52.5°	677.3	507.8	352.2	210.8	103.4	39.6	0.0
50°	735.4	556.1	387.2	228.8	115.5	41.8	0.0
47.5°	791.0	602.8	421.1	248.2	127.1	44.0	0.0
45°	842.4	647.6	453.6	272.6	138.3	46.0	0.0
42.5°	891.8	690.6	484.8	295.9	148.9	48.0	0.0
40°	938.8	731.6	516.1	318.2	159.1	49.9	0.0
37.5°	983.6	770.6	547.2	339.4	168.8	51.6	0.0
35°	1026.0	806.4	576.6	359.3	178.0	53.3	0.0
32.5°	1067.4	839.5	604.3	378.1	186.6	54.9	0.0
30°	1109.7	870.4	630.1	395.7	194.6	56.4	0.0
27.5°	1148.9	899.1	654.1	412.0	202.0	57.7	0.0
25°	1185.1	925.5	676.1	426.9	208.9	59.0	0.0
22.5°	1218.0	949.6	696.2	440.6	215.1	60.1	0.0
20°	1247.7	971.3	714.3	452.9	220.7	61.2	0.0
17.5°	1274.1	990.5	730.4	463.7	225.7	62.1	0.0
15°	1297.0	1007.3	744.4	473.2	230.0	62.9	0.0
12.5°	1316.5	1021.5	756.2	481.3	233.7	63.6	0.0
10°	1332.6	1033.2	766.0	487.9	236.7	64.1	0.0
7.5°	1345.1	1042.3	773.6	493.1	239.1	64.5	0.0
5°	1354.0	1048.9	779.0	496.7	240.7	64.9	0.0
2.5°	1359.4	1052.8	782.3	499.0	241.8	65.0	0.0
0°	1361.2	1054.1	783.4	499.7	242.1	65.1	0.0
-2.5°	1359.4	1052.8	782.3	499.0	241.8	65.0	0.0
-5°	1354.0	1048.9	779.0	496.7	240.7	64.9	0.0
-7.5°	1345.1	1042.3	773.6	493.1	239.1	64.5	0.0
-10°	1332.6	1033.2	766.0	487.9	236.7	64.1	0.0
-12.5°	1316.5	1021.5	756.2	481.3	233.7	63.6	0.0
-15°	1297.0	1007.3	744.4	473.2	230.0	62.9	0.0
-17.5°	1274.1	990.5	730.4	463.7	225.7	62.1	0.0
-20°	1247.7	971.3	714.3	452.9	220.7	61.2	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	1218.0	949.6	696.2	440.6	215.1	60.1	0.0
-25°	1185.1	925.5	676.1	426.9	208.9	59.0	0.0
-27.5°	1148.9	899.1	654.1	412.0	202.0	57.7	0.0
-30°	1109.7	870.4	630.1	395.7	194.6	56.4	0.0
-32.5°	1067.4	839.5	604.3	378.1	186.6	54.9	0.0
-35°	1026.0	806.4	576.6	359.3	178.0	53.3	0.0
-37.5°	983.6	770.6	547.2	339.4	168.8	51.6	0.0
-40°	938.8	731.6	516.1	318.2	159.1	49.9	0.0
-42.5°	891.8	690.6	484.8	295.9	148.9	48.0	0.0
-45°	842.4	647.6	453.6	272.6	138.3	46.0	0.0
-47.5°	791.0	602.8	421.1	248.2	127.1	44.0	0.0
-50°	735.4	556.1	387.2	228.8	115.5	41.8	0.0
-52.5°	677.3	507.8	352.2	210.8	103.4	39.6	0.0
-55°	617.4	461.7	315.9	192.1	91.0	37.3	0.0
-57.5°	555.7	415.0	278.5	172.8	78.1	35.0	0.0
-60°	493.1	367.1	240.7	153.0	65.0	32.5	0.0
-62.5°	434.1	317.9	213.7	132.7	60.1	30.1	0.0
-65°	374.0	267.7	186.1	112.0	55.0	27.5	0.0
-67.5°	312.6	224.5	157.9	90.8	49.8	24.9	0.0
-70°	250.2	188.7	129.2	69.3	44.5	22.3	0.0
-72.5°	204.1	152.3	100.0	58.6	39.1	19.6	0.0
-75°	160.0	115.5	70.5	50.4	33.7	16.8	0.0
-77.5°	115.5	78.2	56.1	42.2	28.1	14.1	0.0
-80°	70.5	56.1	45.0	33.8	22.6	11.3	0.0
-82.5°	50.4	42.2	33.8	25.4	17.0	8.5	0.0
-85°	33.7	28.1	22.6	17.0	11.3	5.7	0.0
-87.5°	16.8	14.1	11.3	8.5	5.7	2.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)