

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: P645552 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA6B-730-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645552 (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-SA6B-730-U-LAM-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, LAMBERTIAN
Light Source: (96) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

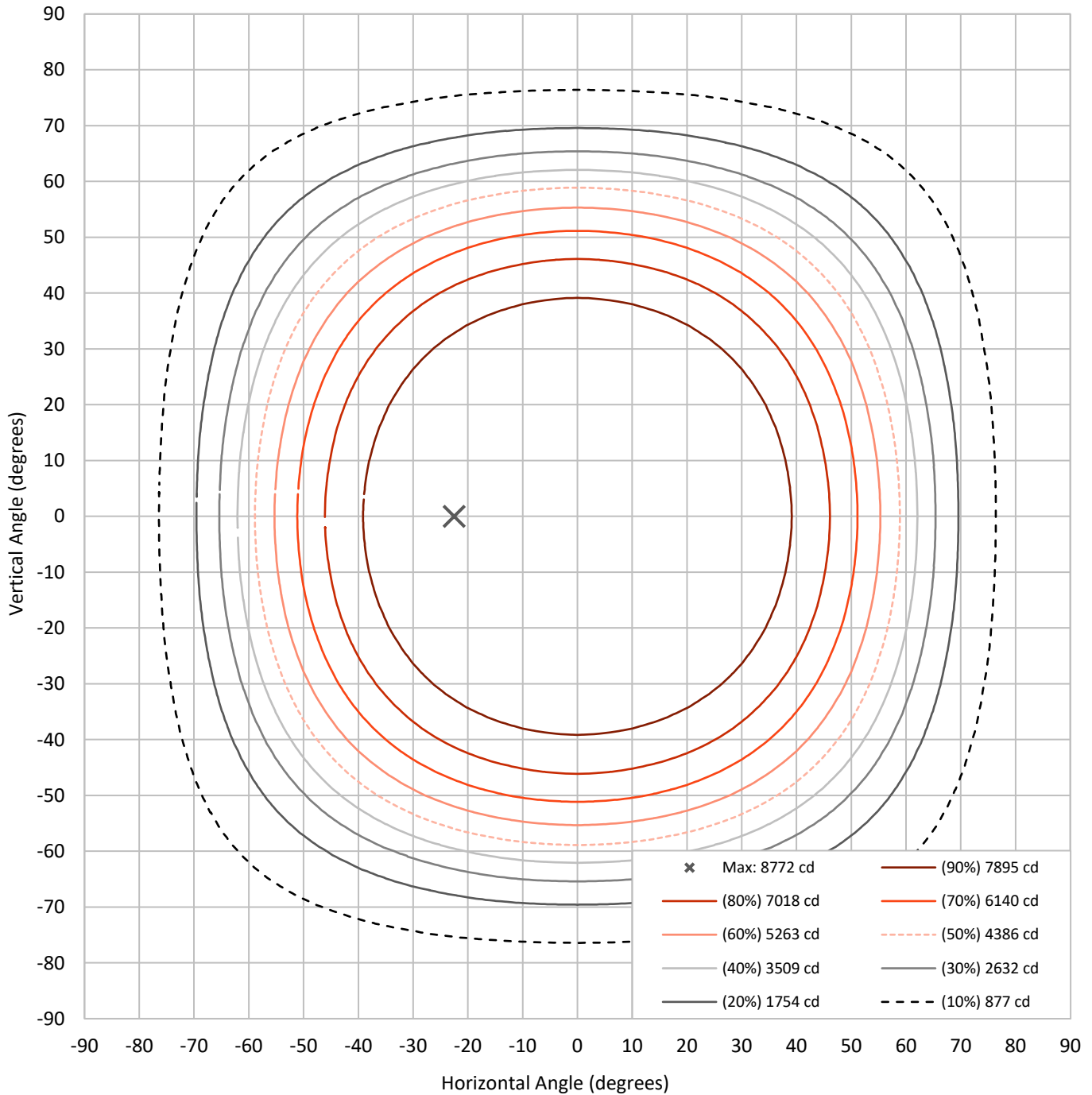
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	26834 lumens	Max Intensity:	8772 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	140.8 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:	22331.7 lumens	Field Lumens:	26306.2 lumens
Beam Efficiency:	83.2%	Field Efficiency:	98.0%
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





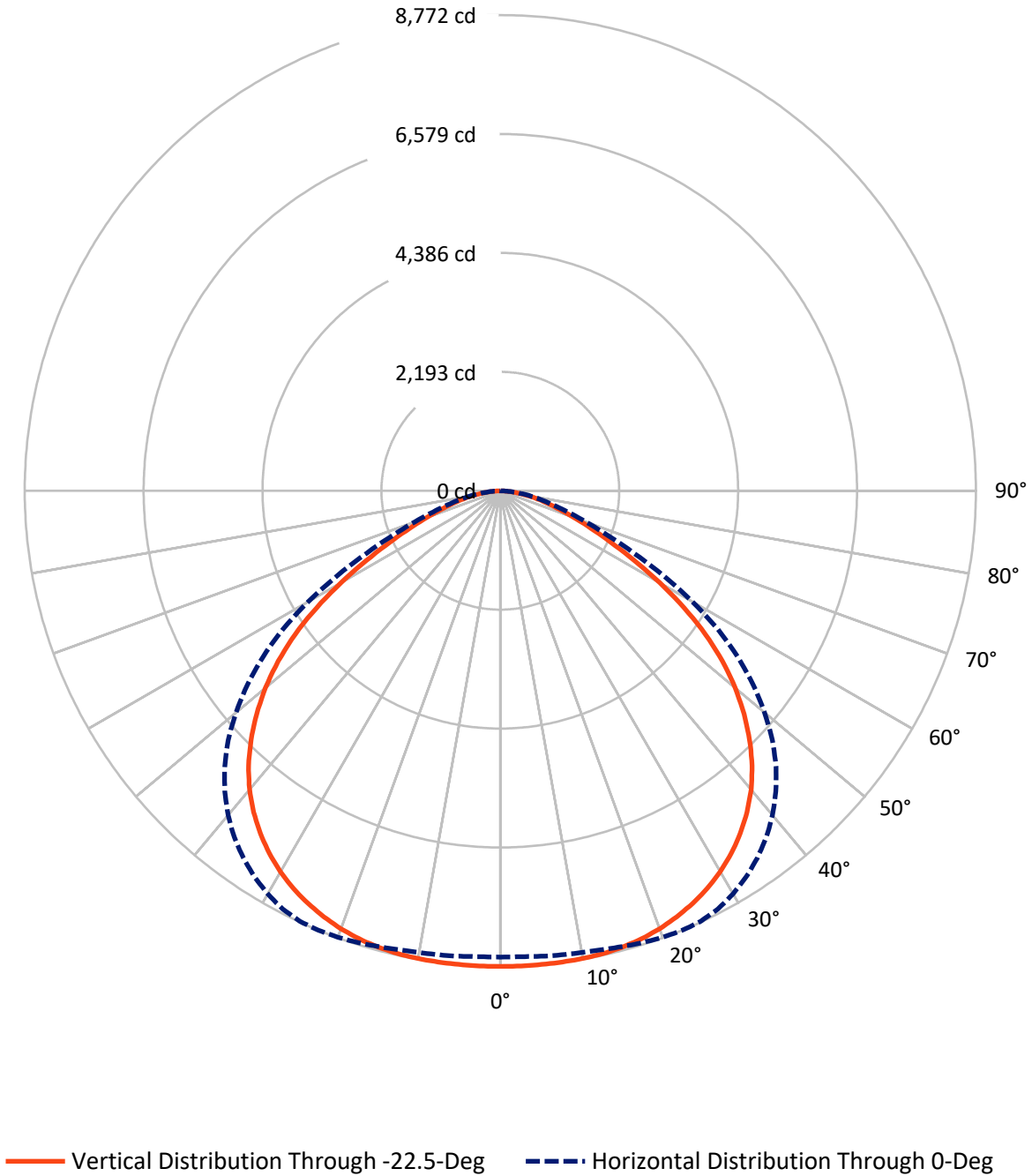
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Lumen Table

90																			
80	1.3	13.9	39.3	65.4	76.6	65.4	39.3	13.9	1.3										
70																			
60	6.6	7.8	16.3	28.5	44.1	60.9	75.3	83.2	83.2	75.3	60.9	44.1	28.5	16.3	7.8				6.6
50																			
40	12.5	12.1	27.8	53.9	88.2	121.4	146.1	159.2	159.2	146.1	121.4	88.2	53.9	27.8	12.1				12.5
30																			
20	17.2	17.3	44.0	87.7	134.4	173.5	201.2	215.4	215.4	201.2	173.5	134.4	87.7	44.0	17.3				17.2
10																			
0	19.0	23.2	62.3	116.3	167.1	207.7	235.1	248.7	248.7	235.1	207.7	167.1	116.3	62.3	23.2				19.0
-10																			
-20	17.2	29.1	77.5	135.8	187.9	227.5	252.7	264.0	264.0	252.7	227.5	187.9	135.8	77.5	29.1				17.2
-30																			
-40	12.5	33.7	87.5	147.7	199.5	237.2	257.2	264.1	264.1	257.2	237.2	199.5	147.7	87.5	33.7				12.5
-50																			
-60	6.6	36.2	92.4	153.3	204.7	240.2	256.1	261.7	261.7	256.1	240.2	204.7	153.3	92.4	36.2				6.6
-70																			
-80	1.3	7.8	16.3	28.5	44.1	60.9	75.3	83.2	83.2	75.3	60.9	44.1	28.5	16.3	7.8				1.3
-90																			

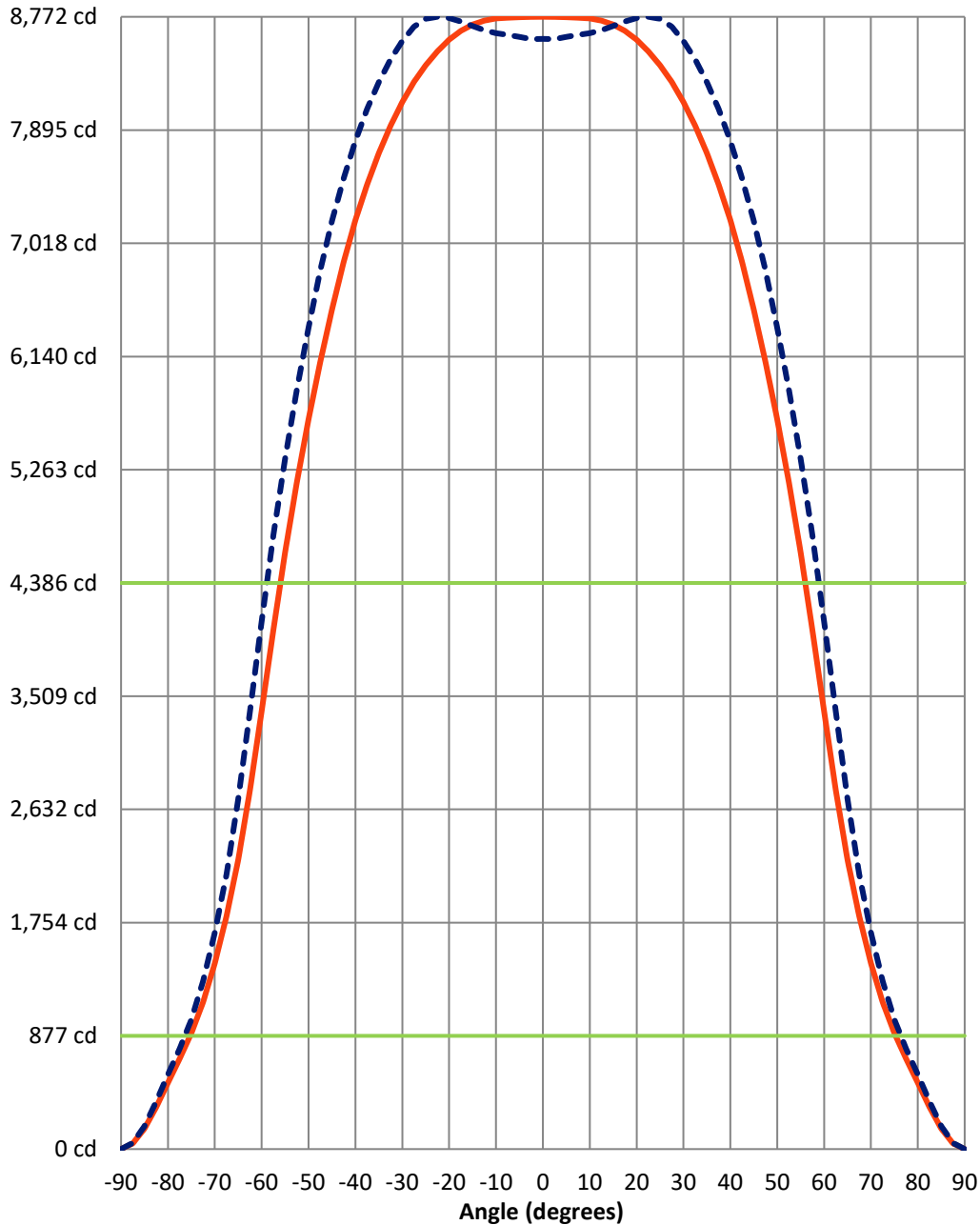
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 22331.7
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 26306.2
 Efficiency: 98.0%

Spill:
 Lumens: 527.7
 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	2.1	4.2	6.3	8.3	10.4	12.4	14.4	16.4	18.4	20.3
85°	0.0	4.2	8.4	12.5	16.6	20.8	24.8	28.8	32.8	36.7	40.5
82.5°	0.0	6.3	12.5	18.7	24.9	31.1	37.2	43.2	51.1	67.0	82.6
80°	0.0	8.3	16.6	24.9	33.2	41.4	52.0	73.7	95.2	116.4	137.2
77.5°	0.0	10.4	20.8	31.1	41.4	57.7	85.1	112.3	139.1	165.5	197.4
75°	0.0	12.4	24.8	37.2	52.0	85.1	118.0	150.5	184.5	230.5	275.8
72.5°	0.0	14.4	28.8	43.2	73.7	112.3	150.5	192.8	247.1	300.7	353.4
70°	0.0	16.4	32.8	51.1	95.2	139.1	184.5	247.1	309.0	370.2	436.4
67.5°	0.0	18.4	36.7	67.0	116.4	165.5	230.5	300.7	370.2	445.6	519.8
65°	0.0	20.3	40.5	82.6	137.2	197.4	275.8	353.4	436.4	519.8	600.8
62.5°	0.0	22.2	44.3	97.9	157.6	234.4	320.1	408.8	501.3	592.0	677.8
60°	0.0	24.0	48.0	112.8	177.5	270.7	363.6	464.6	565.0	660.1	753.4
57.5°	0.0	25.8	57.6	127.4	205.4	306.0	409.8	519.0	624.8	726.7	834.0
55°	0.0	27.5	67.1	141.6	232.9	340.5	455.3	572.1	682.7	793.7	915.9
52.5°	0.0	29.2	76.3	155.4	259.7	374.5	499.5	621.5	738.9	865.4	995.6
50°	0.0	30.8	85.1	168.7	285.6	410.1	542.4	669.2	795.5	935.0	1094.7
47.5°	0.0	32.4	93.7	183.0	310.5	444.5	583.4	715.2	855.3	1002.4	1193.1
45°	0.0	33.9	101.9	201.0	334.5	477.6	621.3	759.6	912.9	1087.2	1288.0
42.5°	0.0	35.4	109.8	218.2	357.5	509.3	657.7	805.4	968.2	1169.1	1399.9
40°	0.0	36.8	117.3	234.6	380.6	539.6	692.4	851.5	1026.4	1247.5	1510.5
37.5°	0.0	38.1	124.5	250.2	403.5	568.4	725.4	895.4	1092.5	1327.6	1615.9
35°	0.0	39.3	131.2	265.0	425.2	594.8	756.7	936.9	1155.0	1417.1	1723.5
32.5°	0.0	40.5	137.5	278.8	445.6	619.2	787.2	975.9	1214.0	1501.5	1836.6
30°	0.0	41.6	143.5	291.8	464.7	642.0	818.4	1015.2	1269.2	1580.5	1942.7
27.5°	0.0	42.6	148.9	303.8	482.4	663.1	847.3	1059.8	1325.5	1654.0	2041.4
25°	0.0	43.5	154.0	314.8	498.7	682.6	874.0	1100.9	1385.3	1730.6	2133.6
22.5°	0.0	44.3	158.6	324.9	513.5	700.3	898.3	1138.4	1439.9	1804.8	2241.3
20°	0.0	45.1	162.7	333.9	526.8	716.3	920.2	1172.1	1489.1	1871.7	2338.5
17.5°	0.0	45.8	166.4	342.0	538.7	730.5	939.6	1202.1	1532.8	1931.3	2425.0
15°	0.0	46.4	169.6	349.0	549.0	742.9	956.6	1228.3	1570.9	1983.2	2500.5
12.5°	0.0	46.9	172.3	354.9	557.8	753.4	971.0	1250.5	1603.3	2027.4	2564.8
10°	0.0	47.3	174.5	359.8	565.0	762.0	982.8	1268.8	1630.0	2063.7	2617.6
7.5°	0.0	47.6	176.3	363.6	570.6	768.7	992.0	1283.0	1650.8	2092.1	2658.9
5°	0.0	47.8	177.5	366.3	574.6	773.5	998.6	1293.2	1665.7	2112.4	2688.5
2.5°	0.0	48.0	178.3	368.0	577.0	776.4	1002.6	1299.4	1674.6	2124.6	2706.3
0°	0.0	48.0	178.5	368.5	577.8	777.4	1003.9	1301.4	1677.6	2128.7	2712.2
-2.5°	0.0	48.0	178.3	368.0	577.0	776.4	1002.6	1299.4	1674.6	2124.6	2706.3
-5°	0.0	47.8	177.5	366.3	574.6	773.5	998.6	1293.2	1665.7	2112.4	2688.5
-7.5°	0.0	47.6	176.3	363.6	570.6	768.7	992.0	1283.0	1650.8	2092.1	2658.9
-10°	0.0	47.3	174.5	359.8	565.0	762.0	982.8	1268.8	1630.0	2063.7	2617.6
-12.5°	0.0	46.9	172.3	354.9	557.8	753.4	971.0	1250.5	1603.3	2027.4	2564.8
-15°	0.0	46.4	169.6	349.0	549.0	742.9	956.6	1228.3	1570.9	1983.2	2500.5
-17.5°	0.0	45.8	166.4	342.0	538.7	730.5	939.6	1202.1	1532.8	1931.3	2425.0
-20°	0.0	45.1	162.7	333.9	526.8	716.3	920.2	1172.1	1489.1	1871.7	2338.5

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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	44.3	158.6	324.9	513.5	700.3	898.3	1138.4	1439.9	1804.8	2241.3
-25°	0.0	43.5	154.0	314.8	498.7	682.6	874.0	1100.9	1385.3	1730.6	2133.6
-27.5°	0.0	42.6	148.9	303.8	482.4	663.1	847.3	1059.8	1325.5	1654.0	2041.4
-30°	0.0	41.6	143.5	291.8	464.7	642.0	818.4	1015.2	1269.2	1580.5	1942.7
-32.5°	0.0	40.5	137.5	278.8	445.6	619.2	787.2	975.9	1214.0	1501.5	1836.6
-35°	0.0	39.3	131.2	265.0	425.2	594.8	756.7	936.9	1155.0	1417.1	1723.5
-37.5°	0.0	38.1	124.5	250.2	403.5	568.4	725.4	895.4	1092.5	1327.6	1615.9
-40°	0.0	36.8	117.3	234.6	380.6	539.6	692.4	851.5	1026.4	1247.5	1510.5
-42.5°	0.0	35.4	109.8	218.2	357.5	509.3	657.7	805.4	968.2	1169.1	1399.9
-45°	0.0	33.9	101.9	201.0	334.5	477.6	621.3	759.6	912.9	1087.2	1288.0
-47.5°	0.0	32.4	93.7	183.0	310.5	444.5	583.4	715.2	855.3	1002.4	1193.1
-50°	0.0	30.8	85.1	168.7	285.6	410.1	542.4	669.2	795.5	935.0	1094.7
-52.5°	0.0	29.2	76.3	155.4	259.7	374.5	499.5	621.5	738.9	865.4	995.6
-55°	0.0	27.5	67.1	141.6	232.9	340.5	455.3	572.1	682.7	793.7	915.9
-57.5°	0.0	25.8	57.6	127.4	205.4	306.0	409.8	519.0	624.8	726.7	834.0
-60°	0.0	24.0	48.0	112.8	177.5	270.7	363.6	464.6	565.0	660.1	753.4
-62.5°	0.0	22.2	44.3	97.9	157.6	234.4	320.1	408.8	501.3	592.0	677.8
-65°	0.0	20.3	40.5	82.6	137.2	197.4	275.8	353.4	436.4	519.8	600.8
-67.5°	0.0	18.4	36.7	67.0	116.4	165.5	230.5	300.7	370.2	445.6	519.8
-70°	0.0	16.4	32.8	51.1	95.2	139.1	184.5	247.1	309.0	370.2	436.4
-72.5°	0.0	14.4	28.8	43.2	73.7	112.3	150.5	192.8	247.1	300.7	353.4
-75°	0.0	12.4	24.8	37.2	52.0	85.1	118.0	150.5	184.5	230.5	275.8
-77.5°	0.0	10.4	20.8	31.1	41.4	57.7	85.1	112.3	139.1	165.5	197.4
-80°	0.0	8.3	16.6	24.9	33.2	41.4	52.0	73.7	95.2	116.4	137.2
-82.5°	0.0	6.3	12.5	18.7	24.9	31.1	37.2	43.2	51.1	67.0	82.6
-85°	0.0	4.2	8.4	12.5	16.6	20.8	24.8	28.8	32.8	36.7	40.5
-87.5°	0.0	2.1	4.2	6.3	8.3	10.4	12.4	14.4	16.4	18.4	20.3
-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°	22.2	24.0	25.8	27.5	29.2	30.8	32.4	33.9	35.4	36.8	38.1
85°	44.3	48.0	57.6	67.1	76.3	85.1	93.7	101.9	109.8	117.3	124.5
82.5°	97.9	112.8	127.4	141.6	155.4	168.7	183.0	201.0	218.2	234.6	250.2
80°	157.6	177.5	205.4	232.9	259.7	285.6	310.5	334.5	357.5	380.6	403.5
77.5°	234.4	270.7	306.0	340.5	374.5	410.1	444.5	477.6	509.3	539.6	568.4
75°	320.1	363.6	409.8	455.3	499.5	542.4	583.4	621.3	657.7	692.4	725.4
72.5°	408.8	464.6	519.0	572.1	621.5	669.2	715.2	759.6	805.4	851.5	895.4
70°	501.3	565.0	624.8	682.7	738.9	795.5	855.3	912.9	968.2	1026.4	1092.5
67.5°	592.0	660.1	726.7	793.7	865.4	935.0	1002.4	1087.2	1169.1	1247.5	1327.6
65°	677.8	753.4	834.0	915.9	995.6	1094.7	1193.1	1288.0	1399.9	1510.5	1615.9
62.5°	762.3	854.3	946.4	1046.5	1161.6	1273.5	1403.3	1535.7	1663.1	1806.6	1946.4
60°	854.3	956.6	1073.4	1202.1	1334.6	1489.1	1638.9	1804.8	1972.0	2133.6	2331.9
57.5°	946.4	1073.4	1215.7	1369.1	1541.0	1714.5	1909.3	2097.9	2324.1	2550.0	2774.8
55°	1046.5	1202.1	1369.1	1558.3	1756.4	1972.6	2198.5	2461.9	2716.8	3000.8	3272.7
52.5°	1161.6	1334.6	1541.0	1756.4	1993.7	2253.7	2545.3	2846.8	3164.4	3472.8	3775.2
50°	1273.5	1489.1	1714.5	1972.6	2253.7	2573.2	2912.3	3263.5	3610.2	3948.4	4265.1
47.5°	1403.3	1638.9	1909.3	2198.5	2545.3	2912.3	3296.7	3679.4	4053.3	4400.2	4732.5
45°	1535.7	1804.8	2097.9	2461.9	2846.8	3263.5	3679.4	4088.5	4468.3	4826.8	5140.4
42.5°	1663.1	1972.0	2324.1	2716.8	3164.4	3610.2	4053.3	4468.3	4857.5	5202.8	5517.8
40°	1806.6	2133.6	2550.0	3000.8	3472.8	3948.4	4400.2	4826.8	5202.8	5546.6	5865.6
37.5°	1946.4	2331.9	2774.8	3272.7	3775.2	4265.1	4732.5	5140.4	5517.8	5865.6	6171.6
35°	2079.1	2520.4	3013.6	3536.3	4063.9	4561.9	5016.8	5432.2	5807.2	6144.6	6457.4
32.5°	2226.6	2698.6	3239.7	3789.6	4326.9	4834.0	5285.0	5691.3	6064.1	6406.7	6717.4
30°	2378.7	2890.8	3454.3	4028.1	4573.8	5069.9	5520.2	5931.6	6301.4	6639.8	6944.3
27.5°	2520.4	3072.1	3658.9	4243.9	4799.5	5291.2	5735.4	6140.4	6512.3	6853.0	7148.2
25°	2651.3	3239.7	3848.4	4441.5	4989.4	5482.3	5930.5	6335.2	6705.0	7032.0	7318.9
22.5°	2780.5	3393.3	4022.0	4622.8	5164.0	5653.2	6097.3	6503.0	6873.0	7197.0	7472.3
20°	2906.1	3536.3	4175.2	4783.5	5322.3	5808.4	6249.1	6654.1	7014.2	7327.9	7602.0
17.5°	3017.9	3663.8	4309.2	4913.3	5452.6	5940.9	6383.4	6789.7	7141.3	7446.0	7713.9
15°	3115.6	3775.2	4426.4	5027.0	5564.6	6051.0	6493.5	6895.4	7244.5	7546.8	7812.7
12.5°	3198.8	3870.2	4526.3	5124.0	5660.3	6145.2	6587.8	6984.1	7327.4	7625.7	7886.0
10°	3267.2	3948.4	4608.7	5204.0	5739.3	6223.0	6665.8	7057.6	7396.1	7691.3	7947.0
7.5°	3320.7	4009.5	4673.1	5266.6	5801.2	6284.0	6727.0	7115.3	7450.2	7743.0	7995.1
5°	3359.1	4053.3	4719.3	5311.5	5845.6	6327.8	6771.0	7156.9	7489.1	7780.3	8029.8
2.5°	3382.1	4079.7	4747.1	5338.6	5872.4	6354.2	6797.5	7181.9	7512.6	7802.8	8050.9
0°	3389.8	4088.5	4756.4	5347.6	5881.3	6363.0	6806.4	7190.3	7520.5	7810.3	8057.9
-2.5°	3382.1	4079.7	4747.1	5338.6	5872.4	6354.2	6797.5	7181.9	7512.6	7802.8	8050.9
-5°	3359.1	4053.3	4719.3	5311.5	5845.6	6327.8	6771.0	7156.9	7489.1	7780.3	8029.8
-7.5°	3320.7	4009.5	4673.1	5266.6	5801.2	6284.0	6727.0	7115.3	7450.2	7743.0	7995.1
-10°	3267.2	3948.4	4608.7	5204.0	5739.3	6223.0	6665.8	7057.6	7396.1	7691.3	7947.0
-12.5°	3198.8	3870.2	4526.3	5124.0	5660.3	6145.2	6587.8	6984.1	7327.4	7625.7	7886.0
-15°	3115.6	3775.2	4426.4	5027.0	5564.6	6051.0	6493.5	6895.4	7244.5	7546.8	7812.7
-17.5°	3017.9	3663.8	4309.2	4913.3	5452.6	5940.9	6383.4	6789.7	7141.3	7446.0	7713.9
-20°	2906.1	3536.3	4175.2	4783.5	5322.3	5808.4	6249.1	6654.1	7014.2	7327.9	7602.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645552 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6B-730-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°	2780.5	3393.3	4022.0	4622.8	5164.0	5653.2	6097.3	6503.0	6873.0	7197.0	7472.3
-25°	2651.3	3239.7	3848.4	4441.5	4989.4	5482.3	5930.5	6335.2	6705.0	7032.0	7318.9
-27.5°	2520.4	3072.1	3658.9	4243.9	4799.5	5291.2	5735.4	6140.4	6512.3	6853.0	7148.2
-30°	2378.7	2890.8	3454.3	4028.1	4573.8	5069.9	5520.2	5931.6	6301.4	6639.8	6944.3
-32.5°	2226.6	2698.6	3239.7	3789.6	4326.9	4834.0	5285.0	5691.3	6064.1	6406.7	6717.4
-35°	2079.1	2520.4	3013.6	3536.3	4063.9	4561.9	5016.8	5432.2	5807.2	6144.6	6457.4
-37.5°	1946.4	2331.9	2774.8	3272.7	3775.2	4265.1	4732.5	5140.4	5517.8	5865.6	6171.6
-40°	1806.6	2133.6	2550.0	3000.8	3472.8	3948.4	4400.2	4826.8	5202.8	5546.6	5865.6
-42.5°	1663.1	1972.0	2324.1	2716.8	3164.4	3610.2	4053.3	4468.3	4857.5	5202.8	5517.8
-45°	1535.7	1804.8	2097.9	2461.9	2846.8	3263.5	3679.4	4088.5	4468.3	4826.8	5140.4
-47.5°	1403.3	1638.9	1909.3	2198.5	2545.3	2912.3	3296.7	3679.4	4053.3	4400.2	4732.5
-50°	1273.5	1489.1	1714.5	1972.6	2253.7	2573.2	2912.3	3263.5	3610.2	3948.4	4265.1
-52.5°	1161.6	1334.6	1541.0	1756.4	1993.7	2253.7	2545.3	2846.8	3164.4	3472.8	3775.2
-55°	1046.5	1202.1	1369.1	1558.3	1756.4	1972.6	2198.5	2461.9	2716.8	3000.8	3272.7
-57.5°	946.4	1073.4	1215.7	1369.1	1541.0	1714.5	1909.3	2097.9	2324.1	2550.0	2774.8
-60°	854.3	956.6	1073.4	1202.1	1334.6	1489.1	1638.9	1804.8	1972.0	2133.6	2331.9
-62.5°	762.3	854.3	946.4	1046.5	1161.6	1273.5	1403.3	1535.7	1663.1	1806.6	1946.4
-65°	677.8	753.4	834.0	915.9	995.6	1094.7	1193.1	1288.0	1399.9	1510.5	1615.9
-67.5°	592.0	660.1	726.7	793.7	865.4	935.0	1002.4	1087.2	1169.1	1247.5	1327.6
-70°	501.3	565.0	624.8	682.7	738.9	795.5	855.3	912.9	968.2	1026.4	1092.5
-72.5°	408.8	464.6	519.0	572.1	621.5	669.2	715.2	759.6	805.4	851.5	895.4
-75°	320.1	363.6	409.8	455.3	499.5	542.4	583.4	621.3	657.7	692.4	725.4
-77.5°	234.4	270.7	306.0	340.5	374.5	410.1	444.5	477.6	509.3	539.6	568.4
-80°	157.6	177.5	205.4	232.9	259.7	285.6	310.5	334.5	357.5	380.6	403.5
-82.5°	97.9	112.8	127.4	141.6	155.4	168.7	183.0	201.0	218.2	234.6	250.2
-85°	44.3	48.0	57.6	67.1	76.3	85.1	93.7	101.9	109.8	117.3	124.5
-87.5°	22.2	24.0	25.8	27.5	29.2	30.8	32.4	33.9	35.4	36.8	38.1
-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: P645552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-730-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°	39.3	40.5	41.6	42.6	43.5	44.3	45.1	45.8	46.4	46.9	47.3
85°	131.2	137.5	143.5	148.9	154.0	158.6	162.7	166.4	169.6	172.3	174.5
82.5°	265.0	278.8	291.8	303.8	314.8	324.9	333.9	342.0	349.0	354.9	359.8
80°	425.2	445.6	464.7	482.4	498.7	513.5	526.8	538.7	549.0	557.8	565.0
77.5°	594.8	619.2	642.0	663.1	682.6	700.3	716.3	730.5	742.9	753.4	762.0
75°	756.7	787.2	818.4	847.3	874.0	898.3	920.2	939.6	956.6	971.0	982.8
72.5°	936.9	975.9	1015.2	1059.8	1100.9	1138.4	1172.1	1202.1	1228.3	1250.5	1268.8
70°	1155.0	1214.0	1269.2	1325.5	1385.3	1439.9	1489.1	1532.8	1570.9	1603.3	1630.0
67.5°	1417.1	1501.5	1580.5	1654.0	1730.6	1804.8	1871.7	1931.3	1983.2	2027.4	2063.7
65°	1723.5	1836.6	1942.7	2041.4	2133.6	2241.3	2338.5	2425.0	2500.5	2564.8	2617.6
62.5°	2079.1	2226.6	2378.7	2520.4	2651.3	2780.5	2906.1	3017.9	3115.6	3198.8	3267.2
60°	2520.4	2698.6	2890.8	3072.1	3239.7	3393.3	3536.3	3663.8	3775.2	3870.2	3948.4
57.5°	3013.6	3239.7	3454.3	3658.9	3848.4	4022.0	4175.2	4309.2	4426.4	4526.3	4608.7
55°	3536.3	3789.6	4028.1	4243.9	4441.5	4622.8	4783.5	4913.3	5027.0	5124.0	5204.0
52.5°	4063.9	4326.9	4573.8	4799.5	4989.4	5164.0	5322.3	5452.6	5564.6	5660.3	5739.3
50°	4561.9	4834.0	5069.9	5291.2	5482.3	5653.2	5808.4	5940.9	6051.0	6145.2	6223.0
47.5°	5016.8	5285.0	5520.2	5735.4	5930.5	6097.3	6249.1	6383.4	6493.5	6587.8	6665.8
45°	5432.2	5691.3	5931.6	6140.4	6335.2	6503.0	6654.1	6789.7	6895.4	6984.1	7057.6
42.5°	5807.2	6064.1	6301.4	6512.3	6705.0	6873.0	7014.2	7141.3	7244.5	7327.4	7396.1
40°	6144.6	6406.7	6639.8	6853.0	7032.0	7197.0	7327.9	7446.0	7546.8	7625.7	7691.3
37.5°	6457.4	6717.4	6944.3	7148.2	7318.9	7472.3	7602.0	7713.9	7812.7	7886.0	7947.0
35°	6743.4	6990.5	7215.0	7401.9	7571.1	7715.6	7843.1	7946.4	8038.2	8108.0	8163.7
32.5°	6990.5	7235.4	7443.9	7627.8	7793.0	7927.8	8050.2	8144.8	8228.1	8295.3	8347.0
30°	7215.0	7443.9	7646.9	7829.1	7979.7	8111.0	8221.1	8313.5	8390.5	8454.6	8500.1
27.5°	7401.9	7627.8	7829.1	7997.1	8141.2	8267.6	8368.5	8457.4	8524.7	8583.6	8622.7
25°	7571.1	7793.0	7979.7	8141.2	8281.1	8396.5	8492.5	8573.1	8632.7	8683.2	8712.2
22.5°	7715.6	7927.8	8111.0	8267.6	8396.5	8504.3	8594.8	8663.0	8711.8	8742.3	8759.6
20°	7843.1	8050.2	8221.1	8368.5	8492.5	8594.8	8673.3	8723.8	8757.7	8766.2	8771.1
17.5°	7946.4	8144.8	8313.5	8457.4	8573.1	8663.0	8723.8	8759.4	8769.6	8767.7	8762.7
15°	8038.2	8228.1	8390.5	8524.7	8632.7	8711.8	8757.7	8769.6	8766.6	8756.3	8740.5
12.5°	8108.0	8295.3	8454.6	8583.6	8683.2	8742.3	8766.2	8767.7	8756.3	8736.7	8714.2
10°	8163.7	8347.0	8500.1	8622.7	8712.2	8759.6	8771.1	8762.7	8740.5	8714.2	8689.3
7.5°	8207.6	8388.0	8536.2	8653.9	8731.3	8764.9	8767.4	8751.6	8724.9	8695.1	8668.1
5°	8239.5	8417.7	8562.6	8676.7	8745.2	8768.8	8764.7	8742.8	8711.9	8680.7	8656.1
2.5°	8258.7	8435.8	8578.5	8690.5	8753.7	8771.2	8763.0	8737.4	8703.8	8671.5	8648.1
0°	8265.2	8441.8	8583.9	8695.2	8756.6	8772.0	8762.4	8735.5	8701.0	8668.3	8645.3
-2.5°	8258.7	8435.8	8578.5	8690.5	8753.7	8771.2	8763.0	8737.4	8703.8	8671.5	8648.1
-5°	8239.5	8417.7	8562.6	8676.7	8745.2	8768.8	8764.7	8742.8	8711.9	8680.7	8656.1
-7.5°	8207.6	8388.0	8536.2	8653.9	8731.3	8764.9	8767.4	8751.6	8724.9	8695.1	8668.1
-10°	8163.7	8347.0	8500.1	8622.7	8712.2	8759.6	8771.1	8762.7	8740.5	8714.2	8689.3
-12.5°	8108.0	8295.3	8454.6	8583.6	8683.2	8742.3	8766.2	8767.7	8756.3	8736.7	8714.2
-15°	8038.2	8228.1	8390.5	8524.7	8632.7	8711.8	8757.7	8769.6	8766.6	8756.3	8740.5
-17.5°	7946.4	8144.8	8313.5	8457.4	8573.1	8663.0	8723.8	8759.4	8769.6	8767.7	8762.7
-20°	7843.1	8050.2	8221.1	8368.5	8492.5	8594.8	8673.3	8723.8	8757.7	8766.2	8771.1



REPORT NUMBER: P645552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-730-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	7715.6	7927.8	8111.0	8267.6	8396.5	8504.3	8594.8	8663.0	8711.8	8742.3	8759.6
-25°	7571.1	7793.0	7979.7	8141.2	8281.1	8396.5	8492.5	8573.1	8632.7	8683.2	8712.2
-27.5°	7401.9	7627.8	7829.1	7997.1	8141.2	8267.6	8368.5	8457.4	8524.7	8583.6	8622.7
-30°	7215.0	7443.9	7646.9	7829.1	7979.7	8111.0	8221.1	8313.5	8390.5	8454.6	8500.1
-32.5°	6990.5	7235.4	7443.9	7627.8	7793.0	7927.8	8050.2	8144.8	8228.1	8295.3	8347.0
-35°	6743.4	6990.5	7215.0	7401.9	7571.1	7715.6	7843.1	7946.4	8038.2	8108.0	8163.7
-37.5°	6457.4	6717.4	6944.3	7148.2	7318.9	7472.3	7602.0	7713.9	7812.7	7886.0	7947.0
-40°	6144.6	6406.7	6639.8	6853.0	7032.0	7197.0	7327.9	7446.0	7546.8	7625.7	7691.3
-42.5°	5807.2	6064.1	6301.4	6512.3	6705.0	6873.0	7014.2	7141.3	7244.5	7327.4	7396.1
-45°	5432.2	5691.3	5931.6	6140.4	6335.2	6503.0	6654.1	6789.7	6895.4	6984.1	7057.6
-47.5°	5016.8	5285.0	5520.2	5735.4	5930.5	6097.3	6249.1	6383.4	6493.5	6587.8	6665.8
-50°	4561.9	4834.0	5069.9	5291.2	5482.3	5653.2	5808.4	5940.9	6051.0	6145.2	6223.0
-52.5°	4063.9	4326.9	4573.8	4799.5	4989.4	5164.0	5322.3	5452.6	5564.6	5660.3	5739.3
-55°	3536.3	3789.6	4028.1	4243.9	4441.5	4622.8	4783.5	4913.3	5027.0	5124.0	5204.0
-57.5°	3013.6	3239.7	3454.3	3658.9	3848.4	4022.0	4175.2	4309.2	4426.4	4526.3	4608.7
-60°	2520.4	2698.6	2890.8	3072.1	3239.7	3393.3	3536.3	3663.8	3775.2	3870.2	3948.4
-62.5°	2079.1	2226.6	2378.7	2520.4	2651.3	2780.5	2906.1	3017.9	3115.6	3198.8	3267.2
-65°	1723.5	1836.6	1942.7	2041.4	2133.6	2241.3	2338.5	2425.0	2500.5	2564.8	2617.6
-67.5°	1417.1	1501.5	1580.5	1654.0	1730.6	1804.8	1871.7	1931.3	1983.2	2027.4	2063.7
-70°	1155.0	1214.0	1269.2	1325.5	1385.3	1439.9	1489.1	1532.8	1570.9	1603.3	1630.0
-72.5°	936.9	975.9	1015.2	1059.8	1100.9	1138.4	1172.1	1202.1	1228.3	1250.5	1268.8
-75°	756.7	787.2	818.4	847.3	874.0	898.3	920.2	939.6	956.6	971.0	982.8
-77.5°	594.8	619.2	642.0	663.1	682.6	700.3	716.3	730.5	742.9	753.4	762.0
-80°	425.2	445.6	464.7	482.4	498.7	513.5	526.8	538.7	549.0	557.8	565.0
-82.5°	265.0	278.8	291.8	303.8	314.8	324.9	333.9	342.0	349.0	354.9	359.8
-85°	131.2	137.5	143.5	148.9	154.0	158.6	162.7	166.4	169.6	172.3	174.5
-87.5°	39.3	40.5	41.6	42.6	43.5	44.3	45.1	45.8	46.4	46.9	47.3
-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: P645552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-730-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°	47.6	47.8	48.0	48.0	48.0	47.8	47.6	47.3	46.9	46.4	45.8
85°	176.3	177.5	178.3	178.5	178.3	177.5	176.3	174.5	172.3	169.6	166.4
82.5°	363.6	366.3	368.0	368.5	368.0	366.3	363.6	359.8	354.9	349.0	342.0
80°	570.6	574.6	577.0	577.8	577.0	574.6	570.6	565.0	557.8	549.0	538.7
77.5°	768.7	773.5	776.4	777.4	776.4	773.5	768.7	762.0	753.4	742.9	730.5
75°	992.0	998.6	1002.6	1003.9	1002.6	998.6	992.0	982.8	971.0	956.6	939.6
72.5°	1283.0	1293.2	1299.4	1301.4	1299.4	1293.2	1283.0	1268.8	1250.5	1228.3	1202.1
70°	1650.8	1665.7	1674.6	1677.6	1674.6	1665.7	1650.8	1630.0	1603.3	1570.9	1532.8
67.5°	2092.1	2112.4	2124.6	2128.7	2124.6	2112.4	2092.1	2063.7	2027.4	1983.2	1931.3
65°	2658.9	2688.5	2706.3	2712.2	2706.3	2688.5	2658.9	2617.6	2564.8	2500.5	2425.0
62.5°	3320.7	3359.1	3382.1	3389.8	3382.1	3359.1	3320.7	3267.2	3198.8	3115.6	3017.9
60°	4009.5	4053.3	4079.7	4088.5	4079.7	4053.3	4009.5	3948.4	3870.2	3775.2	3663.8
57.5°	4673.1	4719.3	4747.1	4756.4	4747.1	4719.3	4673.1	4608.7	4526.3	4426.4	4309.2
55°	5266.6	5311.5	5338.6	5347.6	5338.6	5311.5	5266.6	5204.0	5124.0	5027.0	4913.3
52.5°	5801.2	5845.6	5872.4	5881.3	5872.4	5845.6	5801.2	5739.3	5660.3	5564.6	5452.6
50°	6284.0	6327.8	6354.2	6363.0	6354.2	6327.8	6284.0	6223.0	6145.2	6051.0	5940.9
47.5°	6727.0	6771.0	6797.5	6806.4	6797.5	6771.0	6727.0	6665.8	6587.8	6493.5	6383.4
45°	7115.3	7156.9	7181.9	7190.3	7181.9	7156.9	7115.3	7057.6	6984.1	6895.4	6789.7
42.5°	7450.2	7489.1	7512.6	7520.5	7512.6	7489.1	7450.2	7396.1	7327.4	7244.5	7141.3
40°	7743.0	7780.3	7802.8	7810.3	7802.8	7780.3	7743.0	7691.3	7625.7	7546.8	7446.0
37.5°	7995.1	8029.8	8050.9	8057.9	8050.9	8029.8	7995.1	7947.0	7886.0	7812.7	7713.9
35°	8207.6	8239.5	8258.7	8265.2	8258.7	8239.5	8207.6	8163.7	8108.0	8038.2	7946.4
32.5°	8388.0	8417.7	8435.8	8441.8	8435.8	8417.7	8388.0	8347.0	8295.3	8228.1	8144.8
30°	8536.2	8562.6	8578.5	8583.9	8578.5	8562.6	8536.2	8500.1	8454.6	8390.5	8313.5
27.5°	8653.9	8676.7	8690.5	8695.2	8690.5	8676.7	8653.9	8622.7	8583.6	8524.7	8457.4
25°	8731.3	8745.2	8753.7	8756.6	8753.7	8745.2	8731.3	8712.2	8683.2	8632.7	8573.1
22.5°	8764.9	8768.8	8771.2	8772.0	8771.2	8768.8	8764.9	8759.6	8742.3	8711.8	8663.0
20°	8767.4	8764.7	8763.0	8762.4	8763.0	8764.7	8767.4	8771.1	8766.2	8757.7	8723.8
17.5°	8751.6	8742.8	8737.4	8735.5	8737.4	8742.8	8751.6	8762.7	8767.7	8769.6	8759.4
15°	8724.9	8711.9	8703.8	8701.0	8703.8	8711.9	8724.9	8740.5	8756.3	8766.6	8769.6
12.5°	8695.1	8680.7	8671.5	8668.3	8671.5	8680.7	8695.1	8714.2	8736.7	8756.3	8767.7
10°	8668.1	8656.1	8648.1	8645.3	8648.1	8656.1	8668.1	8689.3	8714.2	8740.5	8762.7
7.5°	8650.7	8640.0	8634.1	8631.9	8634.1	8640.0	8650.7	8668.1	8695.1	8724.9	8751.6
5°	8640.0	8629.2	8620.1	8616.5	8620.1	8629.2	8640.0	8656.1	8680.7	8711.9	8742.8
2.5°	8634.1	8620.1	8606.4	8599.2	8606.4	8620.1	8634.1	8648.1	8671.5	8703.8	8737.4
0°	8631.9	8616.5	8599.2	8601.1	8599.2	8616.5	8631.9	8645.3	8668.3	8701.0	8735.5
-2.5°	8634.1	8620.1	8606.4	8599.2	8606.4	8620.1	8634.1	8648.1	8671.5	8703.8	8737.4
-5°	8640.0	8629.2	8620.1	8616.5	8620.1	8629.2	8640.0	8656.1	8680.7	8711.9	8742.8
-7.5°	8650.7	8640.0	8634.1	8631.9	8634.1	8640.0	8650.7	8668.1	8695.1	8724.9	8751.6
-10°	8668.1	8656.1	8648.1	8645.3	8648.1	8656.1	8668.1	8689.3	8714.2	8740.5	8762.7
-12.5°	8695.1	8680.7	8671.5	8668.3	8671.5	8680.7	8695.1	8714.2	8736.7	8756.3	8767.7
-15°	8724.9	8711.9	8703.8	8701.0	8703.8	8711.9	8724.9	8740.5	8756.3	8766.6	8769.6
-17.5°	8751.6	8742.8	8737.4	8735.5	8737.4	8742.8	8751.6	8762.7	8767.7	8769.6	8759.4
-20°	8767.4	8764.7	8763.0	8762.4	8763.0	8764.7	8767.4	8771.1	8766.2	8757.7	8723.8



REPORT NUMBER: P645552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-730-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°	8764.9	8768.8	8771.2	8772.0	8771.2	8768.8	8764.9	8759.6	8742.3	8711.8	8663.0
-25°	8731.3	8745.2	8753.7	8756.6	8753.7	8745.2	8731.3	8712.2	8683.2	8632.7	8573.1
-27.5°	8653.9	8676.7	8690.5	8695.2	8690.5	8676.7	8653.9	8622.7	8583.6	8524.7	8457.4
-30°	8536.2	8562.6	8578.5	8583.9	8578.5	8562.6	8536.2	8500.1	8454.6	8390.5	8313.5
-32.5°	8388.0	8417.7	8435.8	8441.8	8435.8	8417.7	8388.0	8347.0	8295.3	8228.1	8144.8
-35°	8207.6	8239.5	8258.7	8265.2	8258.7	8239.5	8207.6	8163.7	8108.0	8038.2	7946.4
-37.5°	7995.1	8029.8	8050.9	8057.9	8050.9	8029.8	7995.1	7947.0	7886.0	7812.7	7713.9
-40°	7743.0	7780.3	7802.8	7810.3	7802.8	7780.3	7743.0	7691.3	7625.7	7546.8	7446.0
-42.5°	7450.2	7489.1	7512.6	7520.5	7512.6	7489.1	7450.2	7396.1	7327.4	7244.5	7141.3
-45°	7115.3	7156.9	7181.9	7190.3	7181.9	7156.9	7115.3	7057.6	6984.1	6895.4	6789.7
-47.5°	6727.0	6771.0	6797.5	6806.4	6797.5	6771.0	6727.0	6665.8	6587.8	6493.5	6383.4
-50°	6284.0	6327.8	6354.2	6363.0	6354.2	6327.8	6284.0	6223.0	6145.2	6051.0	5940.9
-52.5°	5801.2	5845.6	5872.4	5881.3	5872.4	5845.6	5801.2	5739.3	5660.3	5564.6	5452.6
-55°	5266.6	5311.5	5338.6	5347.6	5338.6	5311.5	5266.6	5204.0	5124.0	5027.0	4913.3
-57.5°	4673.1	4719.3	4747.1	4756.4	4747.1	4719.3	4673.1	4608.7	4526.3	4426.4	4309.2
-60°	4009.5	4053.3	4079.7	4088.5	4079.7	4053.3	4009.5	3948.4	3870.2	3775.2	3663.8
-62.5°	3320.7	3359.1	3382.1	3389.8	3382.1	3359.1	3320.7	3267.2	3198.8	3115.6	3017.9
-65°	2658.9	2688.5	2706.3	2712.2	2706.3	2688.5	2658.9	2617.6	2564.8	2500.5	2425.0
-67.5°	2092.1	2112.4	2124.6	2128.7	2124.6	2112.4	2092.1	2063.7	2027.4	1983.2	1931.3
-70°	1650.8	1665.7	1674.6	1677.6	1674.6	1665.7	1650.8	1630.0	1603.3	1570.9	1532.8
-72.5°	1283.0	1293.2	1299.4	1301.4	1299.4	1293.2	1283.0	1268.8	1250.5	1228.3	1202.1
-75°	992.0	998.6	1002.6	1003.9	1002.6	998.6	992.0	982.8	971.0	956.6	939.6
-77.5°	768.7	773.5	776.4	777.4	776.4	773.5	768.7	762.0	753.4	742.9	730.5
-80°	570.6	574.6	577.0	577.8	577.0	574.6	570.6	565.0	557.8	549.0	538.7
-82.5°	363.6	366.3	368.0	368.5	368.0	366.3	363.6	359.8	354.9	349.0	342.0
-85°	176.3	177.5	178.3	178.5	178.3	177.5	176.3	174.5	172.3	169.6	166.4
-87.5°	47.6	47.8	48.0	48.0	48.0	47.8	47.6	47.3	46.9	46.4	45.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-730-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°	45.1	44.3	43.5	42.6	41.6	40.5	39.3	38.1	36.8	35.4	33.9
85°	162.7	158.6	154.0	148.9	143.5	137.5	131.2	124.5	117.3	109.8	101.9
82.5°	333.9	324.9	314.8	303.8	291.8	278.8	265.0	250.2	234.6	218.2	201.0
80°	526.8	513.5	498.7	482.4	464.7	445.6	425.2	403.5	380.6	357.5	334.5
77.5°	716.3	700.3	682.6	663.1	642.0	619.2	594.8	568.4	539.6	509.3	477.6
75°	920.2	898.3	874.0	847.3	818.4	787.2	756.7	725.4	692.4	657.7	621.3
72.5°	1172.1	1138.4	1100.9	1059.8	1015.2	975.9	936.9	895.4	851.5	805.4	759.6
70°	1489.1	1439.9	1385.3	1325.5	1269.2	1214.0	1155.0	1092.5	1026.4	968.2	912.9
67.5°	1871.7	1804.8	1730.6	1654.0	1580.5	1501.5	1417.1	1327.6	1247.5	1169.1	1087.2
65°	2338.5	2241.3	2133.6	2041.4	1942.7	1836.6	1723.5	1615.9	1510.5	1399.9	1288.0
62.5°	2906.1	2780.5	2651.3	2520.4	2378.7	2226.6	2079.1	1946.4	1806.6	1663.1	1535.7
60°	3536.3	3393.3	3239.7	3072.1	2890.8	2698.6	2520.4	2331.9	2133.6	1972.0	1804.8
57.5°	4175.2	4022.0	3848.4	3658.9	3454.3	3239.7	3013.6	2774.8	2550.0	2324.1	2097.9
55°	4783.5	4622.8	4441.5	4243.9	4028.1	3789.6	3536.3	3272.7	3000.8	2716.8	2461.9
52.5°	5322.3	5164.0	4989.4	4799.5	4573.8	4326.9	4063.9	3775.2	3472.8	3164.4	2846.8
50°	5808.4	5653.2	5482.3	5291.2	5069.9	4834.0	4561.9	4265.1	3948.4	3610.2	3263.5
47.5°	6249.1	6097.3	5930.5	5735.4	5520.2	5285.0	5016.8	4732.5	4400.2	4053.3	3679.4
45°	6654.1	6503.0	6335.2	6140.4	5931.6	5691.3	5432.2	5140.4	4826.8	4468.3	4088.5
42.5°	7014.2	6873.0	6705.0	6512.3	6301.4	6064.1	5807.2	5517.8	5202.8	4857.5	4468.3
40°	7327.9	7197.0	7032.0	6853.0	6639.8	6406.7	6144.6	5865.6	5546.6	5202.8	4826.8
37.5°	7602.0	7472.3	7318.9	7148.2	6944.3	6717.4	6457.4	6171.6	5865.6	5517.8	5140.4
35°	7843.1	7715.6	7571.1	7401.9	7215.0	6990.5	6743.4	6457.4	6144.6	5807.2	5432.2
32.5°	8050.2	7927.8	7793.0	7627.8	7443.9	7235.4	6990.5	6717.4	6406.7	6064.1	5691.3
30°	8221.1	8111.0	7979.7	7829.1	7646.9	7443.9	7215.0	6944.3	6639.8	6301.4	5931.6
27.5°	8368.5	8267.6	8141.2	7997.1	7829.1	7627.8	7401.9	7148.2	6853.0	6512.3	6140.4
25°	8492.5	8396.5	8281.1	8141.2	7979.7	7793.0	7571.1	7318.9	7032.0	6705.0	6335.2
22.5°	8594.8	8504.3	8396.5	8267.6	8111.0	7927.8	7715.6	7472.3	7197.0	6873.0	6503.0
20°	8673.3	8594.8	8492.5	8368.5	8221.1	8050.2	7843.1	7602.0	7327.9	7014.2	6654.1
17.5°	8723.8	8663.0	8573.1	8457.4	8313.5	8144.8	7946.4	7713.9	7446.0	7141.3	6789.7
15°	8757.7	8711.8	8632.7	8524.7	8390.5	8228.1	8038.2	7812.7	7546.8	7244.5	6895.4
12.5°	8766.2	8742.3	8683.2	8583.6	8454.6	8295.3	8108.0	7886.0	7625.7	7327.4	6984.1
10°	8771.1	8759.6	8712.2	8622.7	8500.1	8347.0	8163.7	7947.0	7691.3	7396.1	7057.6
7.5°	8767.4	8764.9	8731.3	8653.9	8536.2	8388.0	8207.6	7995.1	7743.0	7450.2	7115.3
5°	8764.7	8768.8	8745.2	8676.7	8562.6	8417.7	8239.5	8029.8	7780.3	7489.1	7156.9
2.5°	8763.0	8771.2	8753.7	8690.5	8578.5	8435.8	8258.7	8050.9	7802.8	7512.6	7181.9
0°	8762.4	8772.0	8756.6	8695.2	8583.9	8441.8	8265.2	8057.9	7810.3	7520.5	7190.3
-2.5°	8763.0	8771.2	8753.7	8690.5	8578.5	8435.8	8258.7	8050.9	7802.8	7512.6	7181.9
-5°	8764.7	8768.8	8745.2	8676.7	8562.6	8417.7	8239.5	8029.8	7780.3	7489.1	7156.9
-7.5°	8767.4	8764.9	8731.3	8653.9	8536.2	8388.0	8207.6	7995.1	7743.0	7450.2	7115.3
-10°	8771.1	8759.6	8712.2	8622.7	8500.1	8347.0	8163.7	7947.0	7691.3	7396.1	7057.6
-12.5°	8766.2	8742.3	8683.2	8583.6	8454.6	8295.3	8108.0	7886.0	7625.7	7327.4	6984.1
-15°	8757.7	8711.8	8632.7	8524.7	8390.5	8228.1	8038.2	7812.7	7546.8	7244.5	6895.4
-17.5°	8723.8	8663.0	8573.1	8457.4	8313.5	8144.8	7946.4	7713.9	7446.0	7141.3	6789.7
-20°	8673.3	8594.8	8492.5	8368.5	8221.1	8050.2	7843.1	7602.0	7327.9	7014.2	6654.1

Classified

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

Scaled Data Report



REPORT NUMBER: P645552 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6B-730-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8594.8	8504.3	8396.5	8267.6	8111.0	7927.8	7715.6	7472.3	7197.0	6873.0	6503.0
-25°	8492.5	8396.5	8281.1	8141.2	7979.7	7793.0	7571.1	7318.9	7032.0	6705.0	6335.2
-27.5°	8368.5	8267.6	8141.2	7997.1	7829.1	7627.8	7401.9	7148.2	6853.0	6512.3	6140.4
-30°	8221.1	8111.0	7979.7	7829.1	7646.9	7443.9	7215.0	6944.3	6639.8	6301.4	5931.6
-32.5°	8050.2	7927.8	7793.0	7627.8	7443.9	7235.4	6990.5	6717.4	6406.7	6064.1	5691.3
-35°	7843.1	7715.6	7571.1	7401.9	7215.0	6990.5	6743.4	6457.4	6144.6	5807.2	5432.2
-37.5°	7602.0	7472.3	7318.9	7148.2	6944.3	6717.4	6457.4	6171.6	5865.6	5517.8	5140.4
-40°	7327.9	7197.0	7032.0	6853.0	6639.8	6406.7	6144.6	5865.6	5546.6	5202.8	4826.8
-42.5°	7014.2	6873.0	6705.0	6512.3	6301.4	6064.1	5807.2	5517.8	5202.8	4857.5	4468.3
-45°	6654.1	6503.0	6335.2	6140.4	5931.6	5691.3	5432.2	5140.4	4826.8	4468.3	4088.5
-47.5°	6249.1	6097.3	5930.5	5735.4	5520.2	5285.0	5016.8	4732.5	4400.2	4053.3	3679.4
-50°	5808.4	5653.2	5482.3	5291.2	5069.9	4834.0	4561.9	4265.1	3948.4	3610.2	3263.5
-52.5°	5322.3	5164.0	4989.4	4799.5	4573.8	4326.9	4063.9	3775.2	3472.8	3164.4	2846.8
-55°	4783.5	4622.8	4441.5	4243.9	4028.1	3789.6	3536.3	3272.7	3000.8	2716.8	2461.9
-57.5°	4175.2	4022.0	3848.4	3658.9	3454.3	3239.7	3013.6	2774.8	2550.0	2324.1	2097.9
-60°	3536.3	3393.3	3239.7	3072.1	2890.8	2698.6	2520.4	2331.9	2133.6	1972.0	1804.8
-62.5°	2906.1	2780.5	2651.3	2520.4	2378.7	2226.6	2079.1	1946.4	1806.6	1663.1	1535.7
-65°	2338.5	2241.3	2133.6	2041.4	1942.7	1836.6	1723.5	1615.9	1510.5	1399.9	1288.0
-67.5°	1871.7	1804.8	1730.6	1654.0	1580.5	1501.5	1417.1	1327.6	1247.5	1169.1	1087.2
-70°	1489.1	1439.9	1385.3	1325.5	1269.2	1214.0	1155.0	1092.5	1026.4	968.2	912.9
-72.5°	1172.1	1138.4	1100.9	1059.8	1015.2	975.9	936.9	895.4	851.5	805.4	759.6
-75°	920.2	898.3	874.0	847.3	818.4	787.2	756.7	725.4	692.4	657.7	621.3
-77.5°	716.3	700.3	682.6	663.1	642.0	619.2	594.8	568.4	539.6	509.3	477.6
-80°	526.8	513.5	498.7	482.4	464.7	445.6	425.2	403.5	380.6	357.5	334.5
-82.5°	333.9	324.9	314.8	303.8	291.8	278.8	265.0	250.2	234.6	218.2	201.0
-85°	162.7	158.6	154.0	148.9	143.5	137.5	131.2	124.5	117.3	109.8	101.9
-87.5°	45.1	44.3	43.5	42.6	41.6	40.5	39.3	38.1	36.8	35.4	33.9
-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: P645552 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-730-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°	32.4	30.8	29.2	27.5	25.8	24.0	22.2	20.3	18.4	16.4	14.4
85°	93.7	85.1	76.3	67.1	57.6	48.0	44.3	40.5	36.7	32.8	28.8
82.5°	183.0	168.7	155.4	141.6	127.4	112.8	97.9	82.6	67.0	51.1	43.2
80°	310.5	285.6	259.7	232.9	205.4	177.5	157.6	137.2	116.4	95.2	73.7
77.5°	444.5	410.1	374.5	340.5	306.0	270.7	234.4	197.4	165.5	139.1	112.3
75°	583.4	542.4	499.5	455.3	409.8	363.6	320.1	275.8	230.5	184.5	150.5
72.5°	715.2	669.2	621.5	572.1	519.0	464.6	408.8	353.4	300.7	247.1	192.8
70°	855.3	795.5	738.9	682.7	624.8	565.0	501.3	436.4	370.2	309.0	247.1
67.5°	1002.4	935.0	865.4	793.7	726.7	660.1	592.0	519.8	445.6	370.2	300.7
65°	1193.1	1094.7	995.6	915.9	834.0	753.4	677.8	600.8	519.8	436.4	353.4
62.5°	1403.3	1273.5	1161.6	1046.5	946.4	854.3	762.3	677.8	592.0	501.3	408.8
60°	1638.9	1489.1	1334.6	1202.1	1073.4	956.6	854.3	753.4	660.1	565.0	464.6
57.5°	1909.3	1714.5	1541.0	1369.1	1215.7	1073.4	946.4	834.0	726.7	624.8	519.0
55°	2198.5	1972.6	1756.4	1558.3	1369.1	1202.1	1046.5	915.9	793.7	682.7	572.1
52.5°	2545.3	2253.7	1993.7	1756.4	1541.0	1334.6	1161.6	995.6	865.4	738.9	621.5
50°	2912.3	2573.2	2253.7	1972.6	1714.5	1489.1	1273.5	1094.7	935.0	795.5	669.2
47.5°	3296.7	2912.3	2545.3	2198.5	1909.3	1638.9	1403.3	1193.1	1002.4	855.3	715.2
45°	3679.4	3263.5	2846.8	2461.9	2097.9	1804.8	1535.7	1288.0	1087.2	912.9	759.6
42.5°	4053.3	3610.2	3164.4	2716.8	2324.1	1972.0	1663.1	1399.9	1169.1	968.2	805.4
40°	4400.2	3948.4	3472.8	3000.8	2550.0	2133.6	1806.6	1510.5	1247.5	1026.4	851.5
37.5°	4732.5	4265.1	3775.2	3272.7	2774.8	2331.9	1946.4	1615.9	1327.6	1092.5	895.4
35°	5016.8	4561.9	4063.9	3536.3	3013.6	2520.4	2079.1	1723.5	1417.1	1155.0	936.9
32.5°	5285.0	4834.0	4326.9	3789.6	3239.7	2698.6	2226.6	1836.6	1501.5	1214.0	975.9
30°	5520.2	5069.9	4573.8	4028.1	3454.3	2890.8	2378.7	1942.7	1580.5	1269.2	1015.2
27.5°	5735.4	5291.2	4799.5	4243.9	3658.9	3072.1	2520.4	2041.4	1654.0	1325.5	1059.8
25°	5930.5	5482.3	4989.4	4441.5	3848.4	3239.7	2651.3	2133.6	1730.6	1385.3	1100.9
22.5°	6097.3	5653.2	5164.0	4622.8	4022.0	3393.3	2780.5	2241.3	1804.8	1439.9	1138.4
20°	6249.1	5808.4	5322.3	4783.5	4175.2	3536.3	2906.1	2338.5	1871.7	1489.1	1172.1
17.5°	6383.4	5940.9	5452.6	4913.3	4309.2	3663.8	3017.9	2425.0	1931.3	1532.8	1202.1
15°	6493.5	6051.0	5564.6	5027.0	4426.4	3775.2	3115.6	2500.5	1983.2	1570.9	1228.3
12.5°	6587.8	6145.2	5660.3	5124.0	4526.3	3870.2	3198.8	2564.8	2027.4	1603.3	1250.5
10°	6665.8	6223.0	5739.3	5204.0	4608.7	3948.4	3267.2	2617.6	2063.7	1630.0	1268.8
7.5°	6727.0	6284.0	5801.2	5266.6	4673.1	4009.5	3320.7	2658.9	2092.1	1650.8	1283.0
5°	6771.0	6327.8	5845.6	5311.5	4719.3	4053.3	3359.1	2688.5	2112.4	1665.7	1293.2
2.5°	6797.5	6354.2	5872.4	5338.6	4747.1	4079.7	3382.1	2706.3	2124.6	1674.6	1299.4
0°	6806.4	6363.0	5881.3	5347.6	4756.4	4088.5	3389.8	2712.2	2128.7	1677.6	1301.4
-2.5°	6797.5	6354.2	5872.4	5338.6	4747.1	4079.7	3382.1	2706.3	2124.6	1674.6	1299.4
-5°	6771.0	6327.8	5845.6	5311.5	4719.3	4053.3	3359.1	2688.5	2112.4	1665.7	1293.2
-7.5°	6727.0	6284.0	5801.2	5266.6	4673.1	4009.5	3320.7	2658.9	2092.1	1650.8	1283.0
-10°	6665.8	6223.0	5739.3	5204.0	4608.7	3948.4	3267.2	2617.6	2063.7	1630.0	1268.8
-12.5°	6587.8	6145.2	5660.3	5124.0	4526.3	3870.2	3198.8	2564.8	2027.4	1603.3	1250.5
-15°	6493.5	6051.0	5564.6	5027.0	4426.4	3775.2	3115.6	2500.5	1983.2	1570.9	1228.3
-17.5°	6383.4	5940.9	5452.6	4913.3	4309.2	3663.8	3017.9	2425.0	1931.3	1532.8	1202.1
-20°	6249.1	5808.4	5322.3	4783.5	4175.2	3536.3	2906.1	2338.5	1871.7	1489.1	1172.1



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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°	6097.3	5653.2	5164.0	4622.8	4022.0	3393.3	2780.5	2241.3	1804.8	1439.9	1138.4
-25°	5930.5	5482.3	4989.4	4441.5	3848.4	3239.7	2651.3	2133.6	1730.6	1385.3	1100.9
-27.5°	5735.4	5291.2	4799.5	4243.9	3658.9	3072.1	2520.4	2041.4	1654.0	1325.5	1059.8
-30°	5520.2	5069.9	4573.8	4028.1	3454.3	2890.8	2378.7	1942.7	1580.5	1269.2	1015.2
-32.5°	5285.0	4834.0	4326.9	3789.6	3239.7	2698.6	2226.6	1836.6	1501.5	1214.0	975.9
-35°	5016.8	4561.9	4063.9	3536.3	3013.6	2520.4	2079.1	1723.5	1417.1	1155.0	936.9
-37.5°	4732.5	4265.1	3775.2	3272.7	2774.8	2331.9	1946.4	1615.9	1327.6	1092.5	895.4
-40°	4400.2	3948.4	3472.8	3000.8	2550.0	2133.6	1806.6	1510.5	1247.5	1026.4	851.5
-42.5°	4053.3	3610.2	3164.4	2716.8	2324.1	1972.0	1663.1	1399.9	1169.1	968.2	805.4
-45°	3679.4	3263.5	2846.8	2461.9	2097.9	1804.8	1535.7	1288.0	1087.2	912.9	759.6
-47.5°	3296.7	2912.3	2545.3	2198.5	1909.3	1638.9	1403.3	1193.1	1002.4	855.3	715.2
-50°	2912.3	2573.2	2253.7	1972.6	1714.5	1489.1	1273.5	1094.7	935.0	795.5	669.2
-52.5°	2545.3	2253.7	1993.7	1756.4	1541.0	1334.6	1161.6	995.6	865.4	738.9	621.5
-55°	2198.5	1972.6	1756.4	1558.3	1369.1	1202.1	1046.5	915.9	793.7	682.7	572.1
-57.5°	1909.3	1714.5	1541.0	1369.1	1215.7	1073.4	946.4	834.0	726.7	624.8	519.0
-60°	1638.9	1489.1	1334.6	1202.1	1073.4	956.6	854.3	753.4	660.1	565.0	464.6
-62.5°	1403.3	1273.5	1161.6	1046.5	946.4	854.3	762.3	677.8	592.0	501.3	408.8
-65°	1193.1	1094.7	995.6	915.9	834.0	753.4	677.8	600.8	519.8	436.4	353.4
-67.5°	1002.4	935.0	865.4	793.7	726.7	660.1	592.0	519.8	445.6	370.2	300.7
-70°	855.3	795.5	738.9	682.7	624.8	565.0	501.3	436.4	370.2	309.0	247.1
-72.5°	715.2	669.2	621.5	572.1	519.0	464.6	408.8	353.4	300.7	247.1	192.8
-75°	583.4	542.4	499.5	455.3	409.8	363.6	320.1	275.8	230.5	184.5	150.5
-77.5°	444.5	410.1	374.5	340.5	306.0	270.7	234.4	197.4	165.5	139.1	112.3
-80°	310.5	285.6	259.7	232.9	205.4	177.5	157.6	137.2	116.4	95.2	73.7
-82.5°	183.0	168.7	155.4	141.6	127.4	112.8	97.9	82.6	67.0	51.1	43.2
-85°	93.7	85.1	76.3	67.1	57.6	48.0	44.3	40.5	36.7	32.8	28.8
-87.5°	32.4	30.8	29.2	27.5	25.8	24.0	22.2	20.3	18.4	16.4	14.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	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°	12.4	10.4	8.3	6.3	4.2	2.1	0.0
85°	24.8	20.8	16.6	12.5	8.4	4.2	0.0
82.5°	37.2	31.1	24.9	18.7	12.5	6.3	0.0
80°	52.0	41.4	33.2	24.9	16.6	8.3	0.0
77.5°	85.1	57.7	41.4	31.1	20.8	10.4	0.0
75°	118.0	85.1	52.0	37.2	24.8	12.4	0.0
72.5°	150.5	112.3	73.7	43.2	28.8	14.4	0.0
70°	184.5	139.1	95.2	51.1	32.8	16.4	0.0
67.5°	230.5	165.5	116.4	67.0	36.7	18.4	0.0
65°	275.8	197.4	137.2	82.6	40.5	20.3	0.0
62.5°	320.1	234.4	157.6	97.9	44.3	22.2	0.0
60°	363.6	270.7	177.5	112.8	48.0	24.0	0.0
57.5°	409.8	306.0	205.4	127.4	57.6	25.8	0.0
55°	455.3	340.5	232.9	141.6	67.1	27.5	0.0
52.5°	499.5	374.5	259.7	155.4	76.3	29.2	0.0
50°	542.4	410.1	285.6	168.7	85.1	30.8	0.0
47.5°	583.4	444.5	310.5	183.0	93.7	32.4	0.0
45°	621.3	477.6	334.5	201.0	101.9	33.9	0.0
42.5°	657.7	509.3	357.5	218.2	109.8	35.4	0.0
40°	692.4	539.6	380.6	234.6	117.3	36.8	0.0
37.5°	725.4	568.4	403.5	250.2	124.5	38.1	0.0
35°	756.7	594.8	425.2	265.0	131.2	39.3	0.0
32.5°	787.2	619.2	445.6	278.8	137.5	40.5	0.0
30°	818.4	642.0	464.7	291.8	143.5	41.6	0.0
27.5°	847.3	663.1	482.4	303.8	148.9	42.6	0.0
25°	874.0	682.6	498.7	314.8	154.0	43.5	0.0
22.5°	898.3	700.3	513.5	324.9	158.6	44.3	0.0
20°	920.2	716.3	526.8	333.9	162.7	45.1	0.0
17.5°	939.6	730.5	538.7	342.0	166.4	45.8	0.0
15°	956.6	742.9	549.0	349.0	169.6	46.4	0.0
12.5°	971.0	753.4	557.8	354.9	172.3	46.9	0.0
10°	982.8	762.0	565.0	359.8	174.5	47.3	0.0
7.5°	992.0	768.7	570.6	363.6	176.3	47.6	0.0
5°	998.6	773.5	574.6	366.3	177.5	47.8	0.0
2.5°	1002.6	776.4	577.0	368.0	178.3	48.0	0.0
0°	1003.9	777.4	577.8	368.5	178.5	48.0	0.0
-2.5°	1002.6	776.4	577.0	368.0	178.3	48.0	0.0
-5°	998.6	773.5	574.6	366.3	177.5	47.8	0.0
-7.5°	992.0	768.7	570.6	363.6	176.3	47.6	0.0
-10°	982.8	762.0	565.0	359.8	174.5	47.3	0.0
-12.5°	971.0	753.4	557.8	354.9	172.3	46.9	0.0
-15°	956.6	742.9	549.0	349.0	169.6	46.4	0.0
-17.5°	939.6	730.5	538.7	342.0	166.4	45.8	0.0
-20°	920.2	716.3	526.8	333.9	162.7	45.1	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	898.3	700.3	513.5	324.9	158.6	44.3	0.0
-25°	874.0	682.6	498.7	314.8	154.0	43.5	0.0
-27.5°	847.3	663.1	482.4	303.8	148.9	42.6	0.0
-30°	818.4	642.0	464.7	291.8	143.5	41.6	0.0
-32.5°	787.2	619.2	445.6	278.8	137.5	40.5	0.0
-35°	756.7	594.8	425.2	265.0	131.2	39.3	0.0
-37.5°	725.4	568.4	403.5	250.2	124.5	38.1	0.0
-40°	692.4	539.6	380.6	234.6	117.3	36.8	0.0
-42.5°	657.7	509.3	357.5	218.2	109.8	35.4	0.0
-45°	621.3	477.6	334.5	201.0	101.9	33.9	0.0
-47.5°	583.4	444.5	310.5	183.0	93.7	32.4	0.0
-50°	542.4	410.1	285.6	168.7	85.1	30.8	0.0
-52.5°	499.5	374.5	259.7	155.4	76.3	29.2	0.0
-55°	455.3	340.5	232.9	141.6	67.1	27.5	0.0
-57.5°	409.8	306.0	205.4	127.4	57.6	25.8	0.0
-60°	363.6	270.7	177.5	112.8	48.0	24.0	0.0
-62.5°	320.1	234.4	157.6	97.9	44.3	22.2	0.0
-65°	275.8	197.4	137.2	82.6	40.5	20.3	0.0
-67.5°	230.5	165.5	116.4	67.0	36.7	18.4	0.0
-70°	184.5	139.1	95.2	51.1	32.8	16.4	0.0
-72.5°	150.5	112.3	73.7	43.2	28.8	14.4	0.0
-75°	118.0	85.1	52.0	37.2	24.8	12.4	0.0
-77.5°	85.1	57.7	41.4	31.1	20.8	10.4	0.0
-80°	52.0	41.4	33.2	24.9	16.6	8.3	0.0
-82.5°	37.2	31.1	24.9	18.7	12.5	6.3	0.0
-85°	24.8	20.8	16.6	12.5	8.4	4.2	0.0
-87.5°	12.4	10.4	8.3	6.3	4.2	2.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)