

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: P645482 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA4D-735-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645482 (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-SA4D-735-U-LAM-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, LAMBERTIAN
Light Source: (64) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

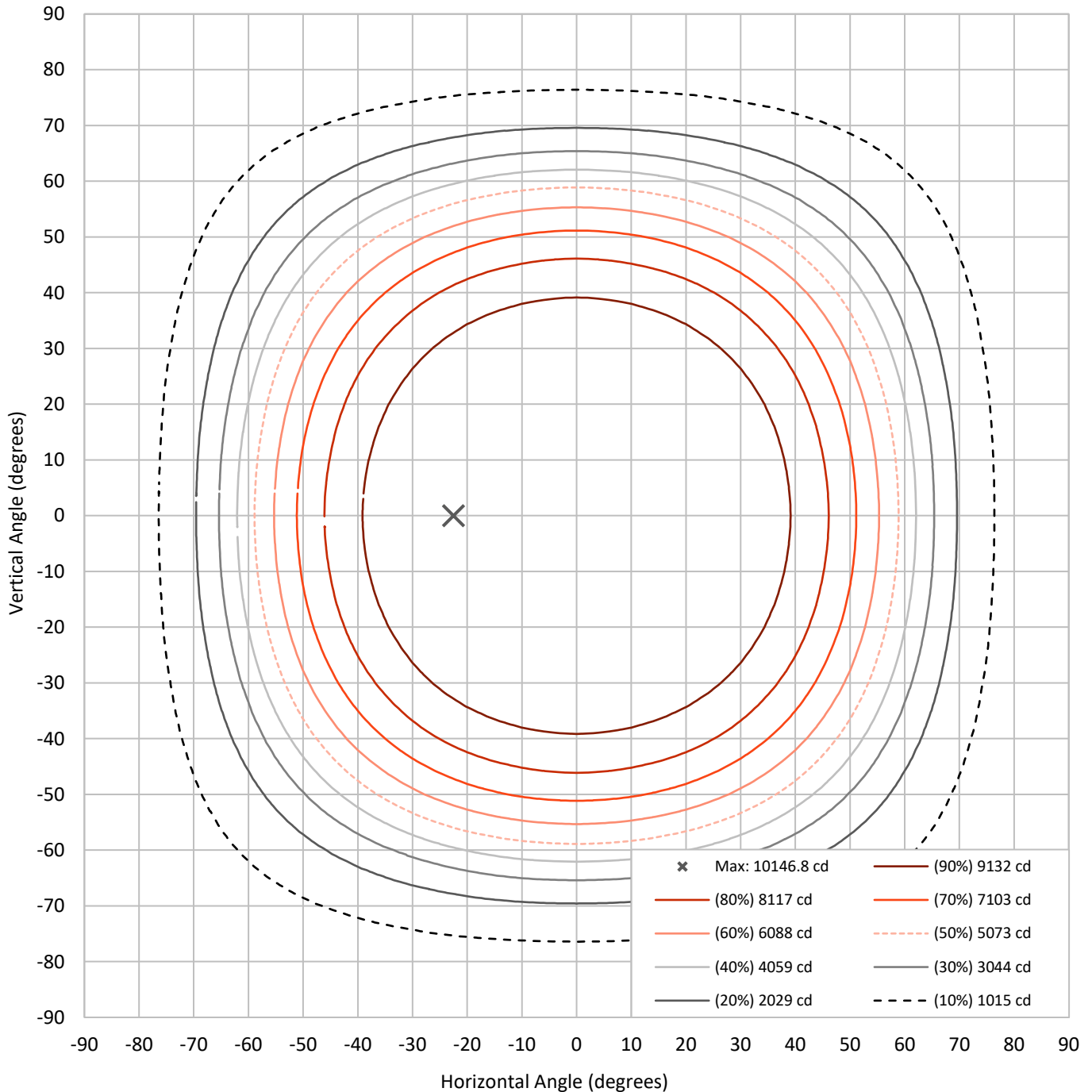
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	31039.8 lumens	Max Intensity:	10146.8 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	140.2 lumens/watt		
Luminous Opening:	Rectangular (W 1' 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:	25831.9 lumens	Field Lumens:	30429.3 lumens
Beam Efficiency:	83.2%	Field Efficiency:	98.0%
Input Watts (W):	221.4		
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





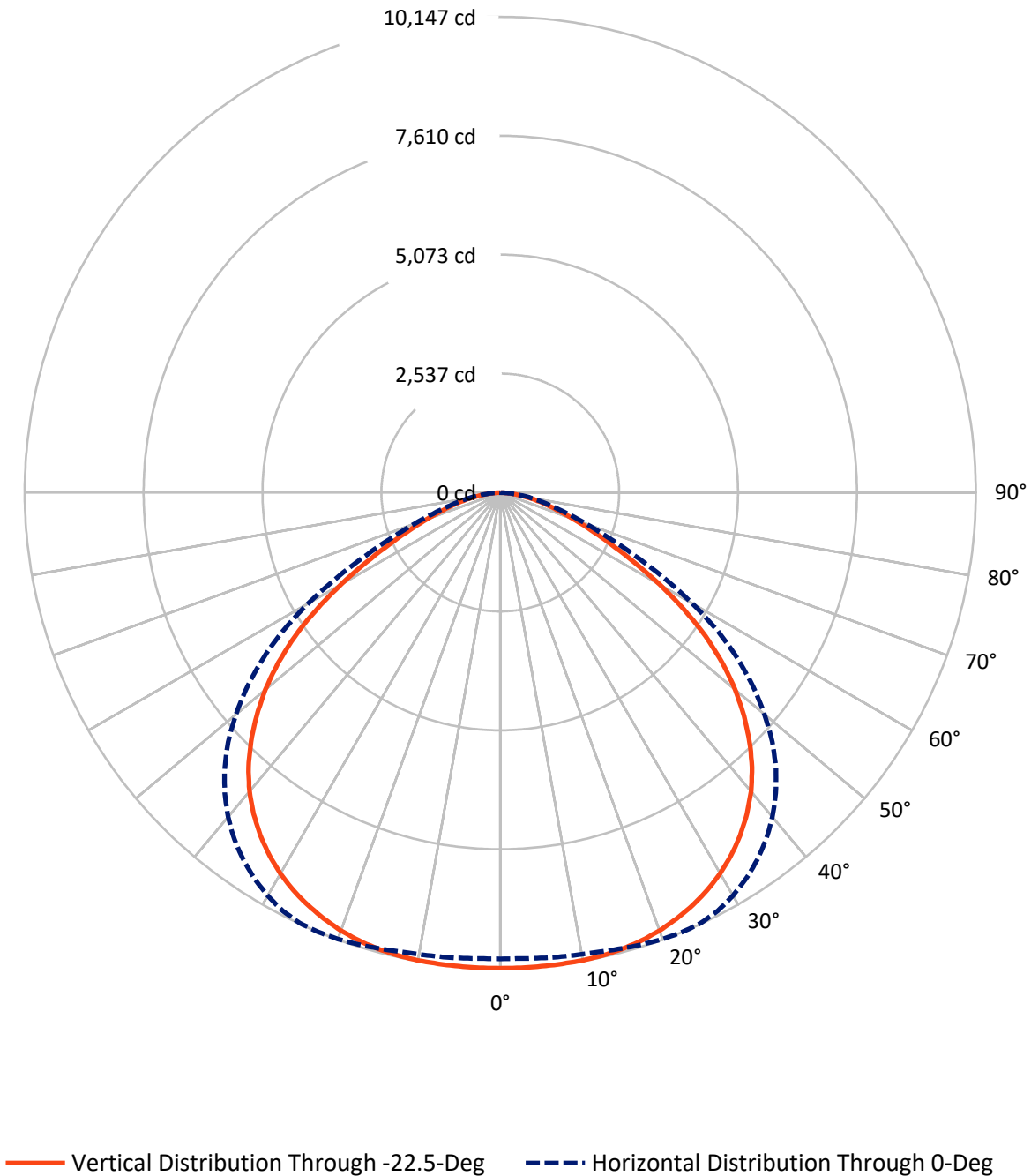
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Lumen Table

90																			
80	1.5	16.1		45.5		75.7		88.6		75.7		45.5		16.1		1.5			
70																			
60	7.6	9.0	18.9	33.0	51.0	70.4	87.0	96.3	96.3	87.0	70.4	51.0	33.0	18.9	9.0	7.6			
50		14.0	32.2	62.4	102.0	140.4	169.0	184.2	184.2	169.0	140.4	102.0	62.4	32.2	14.0				
40	14.5	20.0	50.9	101.4	155.5	200.7	232.7	249.1	249.1	232.7	200.7	155.5	101.4	50.9	20.0	14.5			
30		26.8	72.0	134.5	193.3	240.3	271.9	287.7	287.7	271.9	240.3	193.3	134.5	72.0	26.8				
20	19.8	33.6	89.6	157.0	217.3	263.2	292.3	305.3	305.3	292.3	263.2	217.3	157.0	89.6	33.6	19.8			
10		39.0	101.2	170.8	230.8	274.3	297.5	305.5	305.5	297.5	274.3	230.8	170.8	101.2	39.0				
0	21.9	41.9	106.9	177.3	236.7	277.8	296.2	302.7	302.7	296.2	277.8	236.7	177.3	106.9	41.9	21.9			
-10		41.9	106.9	177.3	236.7	277.8	296.2	302.7	302.7	296.2	277.8	236.7	177.3	106.9	41.9				
-20	19.8	39.0	101.2	170.8	230.8	274.3	297.5	305.5	305.5	297.5	274.3	230.8	170.8	101.2	39.0	19.8			
-30		33.6	89.6	157.0	217.3	263.2	292.3	305.3	305.3	292.3	263.2	217.3	157.0	89.6	33.6				
-40	14.5	26.8	72.0	134.5	193.3	240.3	271.9	287.7	287.7	271.9	240.3	193.3	134.5	72.0	26.8	14.5			
-50		20.0	50.9	101.4	155.5	200.7	232.7	249.1	249.1	232.7	200.7	155.5	101.4	50.9	20.0				
-60	7.6	14.0	32.2	62.4	102.0	140.4	169.0	184.2	184.2	169.0	140.4	102.0	62.4	32.2	14.0	7.6			
-70		9.0	18.9	33.0	51.0	70.4	87.0	96.3	96.3	87.0	70.4	51.0	33.0	18.9	9.0				
-80																			
-90	1.5	16.1		45.5		75.7		88.6		75.7		45.5		16.1		1.5			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

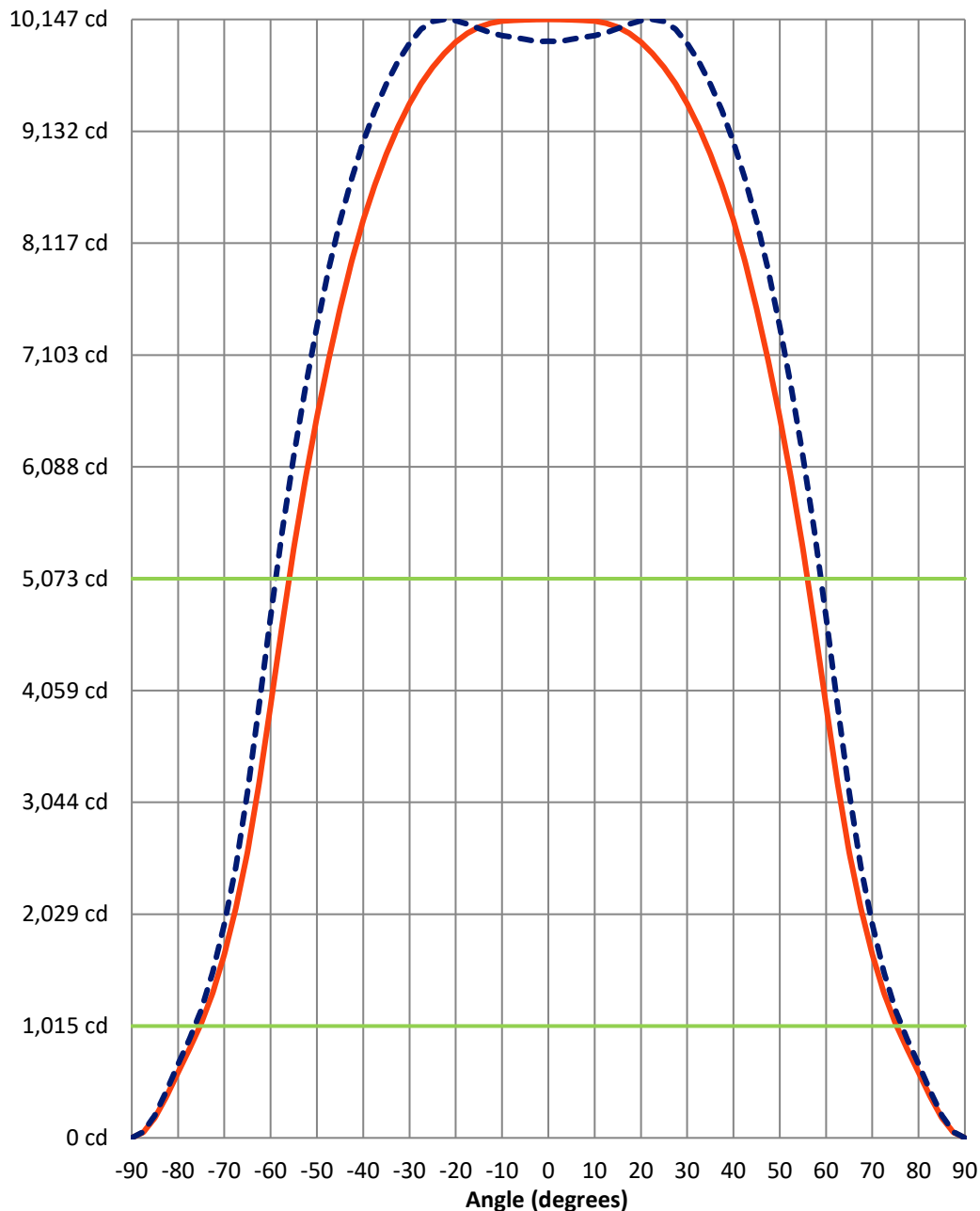
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 25831.9
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 30429.3
 Efficiency: 98.0%

Spill:
 Lumens: 610.4
 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	2.4	4.8	7.2	9.6	12.0	14.4	16.7	19.0	21.2	23.4
85°	0.0	4.8	9.7	14.5	19.3	24.0	28.7	33.3	37.9	42.4	46.9
82.5°	0.0	7.2	14.5	21.7	28.8	35.9	43.0	49.9	59.0	77.4	95.5
80°	0.0	9.6	19.3	28.8	38.4	47.8	60.1	85.3	110.2	134.6	158.7
77.5°	0.0	12.0	24.0	35.9	47.8	66.7	98.5	129.9	160.9	191.5	228.3
75°	0.0	14.4	28.7	43.0	60.1	98.5	136.5	174.1	213.4	266.7	319.0
72.5°	0.0	16.7	33.3	49.9	85.3	129.9	174.1	223.0	285.9	347.9	408.8
70°	0.0	19.0	37.9	59.0	110.2	160.9	213.4	285.9	357.5	428.3	504.8
67.5°	0.0	21.2	42.4	77.4	134.6	191.5	266.7	347.9	428.3	515.5	601.2
65°	0.0	23.4	46.9	95.5	158.7	228.3	319.0	408.8	504.8	601.2	695.0
62.5°	0.0	25.6	51.2	113.2	182.3	271.2	370.4	472.9	579.9	684.7	784.0
60°	0.0	27.7	55.4	130.5	205.3	313.1	420.6	537.4	653.4	763.5	871.4
57.5°	0.0	29.8	66.6	147.4	237.6	354.0	474.1	600.3	722.7	840.6	964.7
55°	0.0	31.8	77.6	163.8	269.5	393.9	526.7	661.7	789.6	918.0	1059.4
52.5°	0.0	33.8	88.2	179.8	300.4	433.2	577.8	718.9	854.6	1001.0	1151.6
50°	0.0	35.7	98.5	195.2	330.3	474.4	627.3	774.0	920.2	1081.6	1266.2
47.5°	0.0	37.5	108.4	211.7	359.2	514.2	674.8	827.3	989.3	1159.4	1380.1
45°	0.0	39.2	117.9	232.5	387.0	552.5	718.7	878.6	1055.9	1257.6	1489.9
42.5°	0.0	40.9	127.0	252.4	413.6	589.1	760.7	931.6	1119.9	1352.3	1619.4
40°	0.0	42.5	135.7	271.4	440.3	624.1	800.9	984.9	1187.2	1443.0	1747.3
37.5°	0.0	44.0	144.0	289.5	466.8	657.4	839.1	1035.6	1263.7	1535.7	1869.2
35°	0.0	45.5	151.8	306.5	491.9	687.9	875.2	1083.7	1336.1	1639.2	1993.7
32.5°	0.0	46.8	159.1	322.6	515.5	716.1	910.6	1128.9	1404.3	1736.8	2124.5
30°	0.0	48.1	166.0	337.5	537.5	742.5	946.6	1174.3	1468.1	1828.2	2247.2
27.5°	0.0	49.2	172.3	351.4	558.0	767.0	980.1	1225.9	1533.3	1913.3	2361.3
25°	0.0	50.3	178.1	364.2	576.8	789.5	1010.9	1273.4	1602.5	2001.8	2468.0
22.5°	0.0	51.3	183.5	375.8	593.9	810.1	1039.1	1316.8	1665.6	2087.7	2592.5
20°	0.0	52.2	188.2	386.3	609.4	828.6	1064.4	1355.8	1722.5	2165.1	2705.0
17.5°	0.0	52.9	192.5	395.6	623.1	845.0	1086.9	1390.5	1773.1	2234.0	2805.1
15°	0.0	53.6	196.2	403.7	635.0	859.3	1106.4	1420.8	1817.2	2294.0	2892.4
12.5°	0.0	54.2	199.3	410.6	645.1	871.4	1123.1	1446.5	1854.7	2345.1	2966.7
10°	0.0	54.7	201.9	416.2	653.4	881.4	1136.8	1467.6	1885.5	2387.2	3027.9
7.5°	0.0	55.0	203.9	420.6	659.9	889.2	1147.4	1484.1	1909.6	2420.0	3075.6
5°	0.0	55.3	205.3	423.8	664.6	894.7	1155.1	1495.9	1926.8	2443.5	3109.9
2.5°	0.0	55.4	206.2	425.7	667.4	898.1	1159.7	1503.0	1937.1	2457.6	3130.4
0°	0.0	55.5	206.5	426.3	668.3	899.2	1161.2	1505.4	1940.6	2462.3	3137.3
-2.5°	0.0	55.4	206.2	425.7	667.4	898.1	1159.7	1503.0	1937.1	2457.6	3130.4
-5°	0.0	55.3	205.3	423.8	664.6	894.7	1155.1	1495.9	1926.8	2443.5	3109.9
-7.5°	0.0	55.0	203.9	420.6	659.9	889.2	1147.4	1484.1	1909.6	2420.0	3075.6
-10°	0.0	54.7	201.9	416.2	653.4	881.4	1136.8	1467.6	1885.5	2387.2	3027.9
-12.5°	0.0	54.2	199.3	410.6	645.1	871.4	1123.1	1446.5	1854.7	2345.1	2966.7
-15°	0.0	53.6	196.2	403.7	635.0	859.3	1106.4	1420.8	1817.2	2294.0	2892.4
-17.5°	0.0	52.9	192.5	395.6	623.1	845.0	1086.9	1390.5	1773.1	2234.0	2805.1
-20°	0.0	52.2	188.2	386.3	609.4	828.6	1064.4	1355.8	1722.5	2165.1	2705.0

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	51.3	183.5	375.8	593.9	810.1	1039.1	1316.8	1665.6	2087.7	2592.5
-25°	0.0	50.3	178.1	364.2	576.8	789.5	1010.9	1273.4	1602.5	2001.8	2468.0
-27.5°	0.0	49.2	172.3	351.4	558.0	767.0	980.1	1225.9	1533.3	1913.3	2361.3
-30°	0.0	48.1	166.0	337.5	537.5	742.5	946.6	1174.3	1468.1	1828.2	2247.2
-32.5°	0.0	46.8	159.1	322.6	515.5	716.1	910.6	1128.9	1404.3	1736.8	2124.5
-35°	0.0	45.5	151.8	306.5	491.9	687.9	875.2	1083.7	1336.1	1639.2	1993.7
-37.5°	0.0	44.0	144.0	289.5	466.8	657.4	839.1	1035.6	1263.7	1535.7	1869.2
-40°	0.0	42.5	135.7	271.4	440.3	624.1	800.9	984.9	1187.2	1443.0	1747.3
-42.5°	0.0	40.9	127.0	252.4	413.6	589.1	760.7	931.6	1119.9	1352.3	1619.4
-45°	0.0	39.2	117.9	232.5	387.0	552.5	718.7	878.6	1055.9	1257.6	1489.9
-47.5°	0.0	37.5	108.4	211.7	359.2	514.2	674.8	827.3	989.3	1159.4	1380.1
-50°	0.0	35.7	98.5	195.2	330.3	474.4	627.3	774.0	920.2	1081.6	1266.2
-52.5°	0.0	33.8	88.2	179.8	300.4	433.2	577.8	718.9	854.6	1001.0	1151.6
-55°	0.0	31.8	77.6	163.8	269.5	393.9	526.7	661.7	789.6	918.0	1059.4
-57.5°	0.0	29.8	66.6	147.4	237.6	354.0	474.1	600.3	722.7	840.6	964.7
-60°	0.0	27.7	55.4	130.5	205.3	313.1	420.6	537.4	653.4	763.5	871.4
-62.5°	0.0	25.6	51.2	113.2	182.3	271.2	370.4	472.9	579.9	684.7	784.0
-65°	0.0	23.4	46.9	95.5	158.7	228.3	319.0	408.8	504.8	601.2	695.0
-67.5°	0.0	21.2	42.4	77.4	134.6	191.5	266.7	347.9	428.3	515.5	601.2
-70°	0.0	19.0	37.9	59.0	110.2	160.9	213.4	285.9	357.5	428.3	504.8
-72.5°	0.0	16.7	33.3	49.9	85.3	129.9	174.1	223.0	285.9	347.9	408.8
-75°	0.0	14.4	28.7	43.0	60.1	98.5	136.5	174.1	213.4	266.7	319.0
-77.5°	0.0	12.0	24.0	35.9	47.8	66.7	98.5	129.9	160.9	191.5	228.3
-80°	0.0	9.6	19.3	28.8	38.4	47.8	60.1	85.3	110.2	134.6	158.7
-82.5°	0.0	7.2	14.5	21.7	28.8	35.9	43.0	49.9	59.0	77.4	95.5
-85°	0.0	4.8	9.7	14.5	19.3	24.0	28.7	33.3	37.9	42.4	46.9
-87.5°	0.0	2.4	4.8	7.2	9.6	12.0	14.4	16.7	19.0	21.2	23.4
-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):

	-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°	25.6	27.7	29.8	31.8	33.8	35.7	37.5	39.2	40.9	42.5	44.0
85°	51.2	55.4	66.6	77.6	88.2	98.5	108.4	117.9	127.0	135.7	144.0
82.5°	113.2	130.5	147.4	163.8	179.8	195.2	211.7	232.5	252.4	271.4	289.5
80°	182.3	205.3	237.6	269.5	300.4	330.3	359.2	387.0	413.6	440.3	466.8
77.5°	271.2	313.1	354.0	393.9	433.2	474.4	514.2	552.5	589.1	624.1	657.4
75°	370.4	420.6	474.1	526.7	577.8	627.3	674.8	718.7	760.7	800.9	839.1
72.5°	472.9	537.4	600.3	661.7	718.9	774.0	827.3	878.6	931.6	984.9	1035.6
70°	579.9	653.4	722.7	789.6	854.6	920.2	989.3	1055.9	1119.9	1187.2	1263.7
67.5°	684.7	763.5	840.6	918.0	1001.0	1081.6	1159.4	1257.6	1352.3	1443.0	1535.7
65°	784.0	871.4	964.7	1059.4	1151.6	1266.2	1380.1	1489.9	1619.4	1747.3	1869.2
62.5°	881.7	988.1	1094.6	1210.5	1343.7	1473.2	1623.2	1776.4	1923.8	2089.8	2251.4
60°	988.1	1106.4	1241.6	1390.5	1543.9	1722.5	1895.8	2087.7	2281.1	2468.0	2697.4
57.5°	1094.6	1241.6	1406.2	1583.7	1782.5	1983.2	2208.6	2426.7	2688.3	2949.7	3209.7
55°	1210.5	1390.5	1583.7	1802.6	2031.7	2281.7	2543.1	2847.7	3142.6	3471.1	3785.7
52.5°	1343.7	1543.9	1782.5	2031.7	2306.2	2606.9	2944.2	3293.0	3660.4	4017.1	4366.9
50°	1473.2	1722.5	1983.2	2281.7	2606.9	2976.5	3368.8	3775.0	4176.0	4567.2	4933.6
47.5°	1623.2	1895.8	2208.6	2543.1	2944.2	3368.8	3813.4	4256.1	4688.6	5089.9	5474.2
45°	1776.4	2087.7	2426.7	2847.7	3293.0	3775.0	4256.1	4729.3	5168.7	5583.4	5946.2
42.5°	1923.8	2281.1	2688.3	3142.6	3660.4	4176.0	4688.6	5168.7	5618.9	6018.2	6382.7
40°	2089.8	2468.0	2949.7	3471.1	4017.1	4567.2	5089.9	5583.4	6018.2	6415.9	6784.9
37.5°	2251.4	2697.4	3209.7	3785.7	4366.9	4933.6	5474.2	5946.2	6382.7	6784.9	7138.8
35°	2404.9	2915.4	3486.0	4090.6	4700.8	5276.9	5803.2	6283.6	6717.3	7107.6	7469.5
32.5°	2575.5	3121.6	3747.5	4383.6	5005.0	5591.7	6113.4	6583.3	7014.5	7410.8	7770.3
30°	2751.5	3343.9	3995.7	4659.5	5290.7	5864.6	6385.4	6861.2	7289.0	7680.5	8032.7
27.5°	2915.4	3553.6	4232.4	4909.1	5551.7	6120.5	6634.3	7102.8	7533.0	7927.2	8268.6
25°	3066.8	3747.5	4451.6	5137.6	5771.5	6341.6	6859.9	7328.1	7755.9	8134.2	8466.1
22.5°	3216.3	3925.1	4652.4	5347.3	5973.4	6539.2	7052.9	7522.3	7950.3	8325.1	8643.5
20°	3361.6	4090.6	4829.6	5533.3	6156.6	6718.7	7228.5	7697.0	8113.6	8476.4	8793.5
17.5°	3490.9	4238.1	4984.5	5683.4	6307.2	6872.0	7383.9	7853.9	8260.6	8613.0	8923.0
15°	3603.9	4366.9	5120.1	5814.9	6436.8	6999.3	7511.2	7976.1	8380.0	8729.6	9037.3
12.5°	3700.1	4476.8	5235.8	5927.1	6547.5	7108.3	7620.3	8078.8	8475.9	8820.9	9122.0
10°	3779.3	4567.2	5331.0	6019.7	6638.8	7198.3	7710.6	8163.8	8555.4	8896.8	9192.6
7.5°	3841.2	4637.9	5405.6	6092.1	6710.4	7268.9	7781.4	8230.6	8617.9	8956.6	9248.2
5°	3885.5	4688.6	5459.0	6144.1	6761.7	7319.6	7832.3	8278.6	8662.9	8999.7	9288.5
2.5°	3912.2	4719.1	5491.2	6175.4	6792.7	7350.1	7863.0	8307.6	8690.1	9025.8	9312.8
0°	3921.1	4729.3	5501.9	6185.8	6803.0	7360.3	7873.2	8317.3	8699.2	9034.5	9320.9
-2.5°	3912.2	4719.1	5491.2	6175.4	6792.7	7350.1	7863.0	8307.6	8690.1	9025.8	9312.8
-5°	3885.5	4688.6	5459.0	6144.1	6761.7	7319.6	7832.3	8278.6	8662.9	8999.7	9288.5
-7.5°	3841.2	4637.9	5405.6	6092.1	6710.4	7268.9	7781.4	8230.6	8617.9	8956.6	9248.2
-10°	3779.3	4567.2	5331.0	6019.7	6638.8	7198.3	7710.6	8163.8	8555.4	8896.8	9192.6
-12.5°	3700.1	4476.8	5235.8	5927.1	6547.5	7108.3	7620.3	8078.8	8475.9	8820.9	9122.0
-15°	3603.9	4366.9	5120.1	5814.9	6436.8	6999.3	7511.2	7976.1	8380.0	8729.6	9037.3
-17.5°	3490.9	4238.1	4984.5	5683.4	6307.2	6872.0	7383.9	7853.9	8260.6	8613.0	8923.0
-20°	3361.6	4090.6	4829.6	5533.3	6156.6	6718.7	7228.5	7697.0	8113.6	8476.4	8793.5

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

Scaled Data Report



REPORT NUMBER: P645482 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4D-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°	3216.3	3925.1	4652.4	5347.3	5973.4	6539.2	7052.9	7522.3	7950.3	8325.1	8643.5
-25°	3066.8	3747.5	4451.6	5137.6	5771.5	6341.6	6859.9	7328.1	7755.9	8134.2	8466.1
-27.5°	2915.4	3553.6	4232.4	4909.1	5551.7	6120.5	6634.3	7102.8	7533.0	7927.2	8268.6
-30°	2751.5	3343.9	3995.7	4659.5	5290.7	5864.6	6385.4	6861.2	7289.0	7680.5	8032.7
-32.5°	2575.5	3121.6	3747.5	4383.6	5005.0	5591.7	6113.4	6583.3	7014.5	7410.8	7770.3
-35°	2404.9	2915.4	3486.0	4090.6	4700.8	5276.9	5803.2	6283.6	6717.3	7107.6	7469.5
-37.5°	2251.4	2697.4	3209.7	3785.7	4366.9	4933.6	5474.2	5946.2	6382.7	6784.9	7138.8
-40°	2089.8	2468.0	2949.7	3471.1	4017.1	4567.2	5089.9	5583.4	6018.2	6415.9	6784.9
-42.5°	1923.8	2281.1	2688.3	3142.6	3660.4	4176.0	4688.6	5168.7	5618.9	6018.2	6382.7
-45°	1776.4	2087.7	2426.7	2847.7	3293.0	3775.0	4256.1	4729.3	5168.7	5583.4	5946.2
-47.5°	1623.2	1895.8	2208.6	2543.1	2944.2	3368.8	3813.4	4256.1	4688.6	5089.9	5474.2
-50°	1473.2	1722.5	1983.2	2281.7	2606.9	2976.5	3368.8	3775.0	4176.0	4567.2	4933.6
-52.5°	1343.7	1543.9	1782.5	2031.7	2306.2	2606.9	2944.2	3293.0	3660.4	4017.1	4366.9
-55°	1210.5	1390.5	1583.7	1802.6	2031.7	2281.7	2543.1	2847.7	3142.6	3471.1	3785.7
-57.5°	1094.6	1241.6	1406.2	1583.7	1782.5	1983.2	2208.6	2426.7	2688.3	2949.7	3209.7
-60°	988.1	1106.4	1241.6	1390.5	1543.9	1722.5	1895.8	2087.7	2281.1	2468.0	2697.4
-62.5°	881.7	988.1	1094.6	1210.5	1343.7	1473.2	1623.2	1776.4	1923.8	2089.8	2251.4
-65°	784.0	871.4	964.7	1059.4	1151.6	1266.2	1380.1	1489.9	1619.4	1747.3	1869.2
-67.5°	684.7	763.5	840.6	918.0	1001.0	1081.6	1159.4	1257.6	1352.3	1443.0	1535.7
-70°	579.9	653.4	722.7	789.6	854.6	920.2	989.3	1055.9	1119.9	1187.2	1263.7
-72.5°	472.9	537.4	600.3	661.7	718.9	774.0	827.3	878.6	931.6	984.9	1035.6
-75°	370.4	420.6	474.1	526.7	577.8	627.3	674.8	718.7	760.7	800.9	839.1
-77.5°	271.2	313.1	354.0	393.9	433.2	474.4	514.2	552.5	589.1	624.1	657.4
-80°	182.3	205.3	237.6	269.5	300.4	330.3	359.2	387.0	413.6	440.3	466.8
-82.5°	113.2	130.5	147.4	163.8	179.8	195.2	211.7	232.5	252.4	271.4	289.5
-85°	51.2	55.4	66.6	77.6	88.2	98.5	108.4	117.9	127.0	135.7	144.0
-87.5°	25.6	27.7	29.8	31.8	33.8	35.7	37.5	39.2	40.9	42.5	44.0
-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: P645482 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	45.5	46.8	48.1	49.2	50.3	51.3	52.2	52.9	53.6	54.2	54.7
85°	151.8	159.1	166.0	172.3	178.1	183.5	188.2	192.5	196.2	199.3	201.9
82.5°	306.5	322.6	337.5	351.4	364.2	375.8	386.3	395.6	403.7	410.6	416.2
80°	491.9	515.5	537.5	558.0	576.8	593.9	609.4	623.1	635.0	645.1	653.4
77.5°	687.9	716.1	742.5	767.0	789.5	810.1	828.6	845.0	859.3	871.4	881.4
75°	875.2	910.6	946.6	980.1	1010.9	1039.1	1064.4	1086.9	1106.4	1123.1	1136.8
72.5°	1083.7	1128.9	1174.3	1225.9	1273.4	1316.8	1355.8	1390.5	1420.8	1446.5	1467.6
70°	1336.1	1404.3	1468.1	1533.3	1602.5	1665.6	1722.5	1773.1	1817.2	1854.7	1885.5
67.5°	1639.2	1736.8	1828.2	1913.3	2001.8	2087.7	2165.1	2234.0	2294.0	2345.1	2387.2
65°	1993.7	2124.5	2247.2	2361.3	2468.0	2592.5	2705.0	2805.1	2892.4	2966.7	3027.9
62.5°	2404.9	2575.5	2751.5	2915.4	3066.8	3216.3	3361.6	3490.9	3603.9	3700.1	3779.3
60°	2915.4	3121.6	3343.9	3553.6	3747.5	3925.1	4090.6	4238.1	4366.9	4476.8	4567.2
57.5°	3486.0	3747.5	3995.7	4232.4	4451.6	4652.4	4829.6	4984.5	5120.1	5235.8	5331.0
55°	4090.6	4383.6	4659.5	4909.1	5137.6	5347.3	5533.3	5683.4	5814.9	5927.1	6019.7
52.5°	4700.8	5005.0	5290.7	5551.7	5771.5	5973.4	6156.6	6307.2	6436.8	6547.5	6638.8
50°	5276.9	5591.7	5864.6	6120.5	6341.6	6539.2	6718.7	6872.0	6999.3	7108.3	7198.3
47.5°	5803.2	6113.4	6385.4	6634.3	6859.9	7052.9	7228.5	7383.9	7511.2	7620.3	7710.6
45°	6283.6	6583.3	6861.2	7102.8	7328.1	7522.3	7697.0	7853.9	7976.1	8078.8	8163.8
42.5°	6717.3	7014.5	7289.0	7533.0	7755.9	7950.3	8113.6	8260.6	8380.0	8475.9	8555.4
40°	7107.6	7410.8	7680.5	7927.2	8134.2	8325.1	8476.4	8613.0	8729.6	8820.9	8896.8
37.5°	7469.5	7770.3	8032.7	8268.6	8466.1	8643.5	8793.5	8923.0	9037.3	9122.0	9192.6
35°	7800.4	8086.1	8345.8	8562.0	8757.8	8924.9	9072.5	9191.9	9298.2	9378.9	9443.2
32.5°	8086.1	8369.5	8610.6	8823.4	9014.5	9170.4	9312.0	9421.4	9517.8	9595.6	9655.3
30°	8345.8	8610.6	8845.4	9056.3	9230.4	9382.3	9509.7	9616.6	9705.7	9779.8	9832.4
27.5°	8562.0	8823.4	9056.3	9250.6	9417.3	9563.5	9680.2	9783.0	9860.8	9929.0	9974.2
25°	8757.8	9014.5	9230.4	9417.3	9579.1	9712.5	9823.6	9916.8	9985.7	10044.1	10077.7
22.5°	8924.9	9170.4	9382.3	9563.5	9712.5	9837.3	9942.0	10020.8	10077.2	10112.6	10132.5
20°	9072.5	9312.0	9509.7	9680.2	9823.6	9942.0	10032.7	10091.1	10130.4	10140.1	10145.8
17.5°	9191.9	9421.4	9616.6	9783.0	9916.8	10020.8	10091.1	10132.3	10144.0	10141.9	10136.0
15°	9298.2	9517.8	9705.7	9860.8	9985.7	10077.2	10130.4	10144.0	10140.5	10128.7	10110.5
12.5°	9378.9	9595.6	9779.8	9929.0	10044.1	10112.6	10140.1	10141.9	10128.7	10106.0	10080.0
10°	9443.2	9655.3	9832.4	9974.2	10077.7	10132.5	10145.8	10136.0	10110.5	10080.0	10051.2
7.5°	9494.1	9702.8	9874.2	10010.3	10099.8	10138.6	10141.5	10123.2	10092.4	10057.8	10026.7
5°	9530.9	9737.2	9904.6	10036.6	10115.9	10143.1	10138.3	10113.1	10077.4	10041.2	10012.7
2.5°	9553.2	9758.0	9923.1	10052.6	10125.8	10145.9	10136.4	10106.8	10067.9	10030.6	10003.5
0°	9560.7	9765.0	9929.3	10058.0	10129.1	10146.8	10135.7	10104.7	10064.7	10026.9	10000.3
-2.5°	9553.2	9758.0	9923.1	10052.6	10125.8	10145.9	10136.4	10106.8	10067.9	10030.6	10003.5
-5°	9530.9	9737.2	9904.6	10036.6	10115.9	10143.1	10138.3	10113.1	10077.4	10041.2	10012.7
-7.5°	9494.1	9702.8	9874.2	10010.3	10099.8	10138.6	10141.5	10123.2	10092.4	10057.8	10026.7
-10°	9443.2	9655.3	9832.4	9974.2	10077.7	10132.5	10145.8	10136.0	10110.5	10080.0	10051.2
-12.5°	9378.9	9595.6	9779.8	9929.0	10044.1	10112.6	10140.1	10141.9	10128.7	10106.0	10080.0
-15°	9298.2	9517.8	9705.7	9860.8	9985.7	10077.2	10130.4	10144.0	10140.5	10128.7	10110.5
-17.5°	9191.9	9421.4	9616.6	9783.0	9916.8	10020.8	10091.1	10132.3	10144.0	10141.9	10136.0
-20°	9072.5	9312.0	9509.7	9680.2	9823.6	9942.0	10032.7	10091.1	10130.4	10140.1	10145.8

Classified

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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P645482 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4D-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°	8924.9	9170.4	9382.3	9563.5	9712.5	9837.3	9942.0	10020.8	10077.2	10112.6	10132.5
-25°	8757.8	9014.5	9230.4	9417.3	9579.1	9712.5	9823.6	9916.8	9985.7	10044.1	10077.7
-27.5°	8562.0	8823.4	9056.3	9250.6	9417.3	9563.5	9680.2	9783.0	9860.8	9929.0	9974.2
-30°	8345.8	8610.6	8845.4	9056.3	9230.4	9382.3	9509.7	9616.6	9705.7	9779.8	9832.4
-32.5°	8086.1	8369.5	8610.6	8823.4	9014.5	9170.4	9312.0	9421.4	9517.8	9595.6	9655.3
-35°	7800.4	8086.1	8345.8	8562.0	8757.8	8924.9	9072.5	9191.9	9298.2	9378.9	9443.2
-37.5°	7469.5	7770.3	8032.7	8268.6	8466.1	8643.5	8793.5	8923.0	9037.3	9122.0	9192.6
-40°	7107.6	7410.8	7680.5	7927.2	8134.2	8325.1	8476.4	8613.0	8729.6	8820.9	8896.8
-42.5°	6717.3	7014.5	7289.0	7533.0	7755.9	7950.3	8113.6	8260.6	8380.0	8475.9	8555.4
-45°	6283.6	6583.3	6861.2	7102.8	7328.1	7522.3	7697.0	7853.9	7976.1	8078.8	8163.8
-47.5°	5803.2	6113.4	6385.4	6634.3	6859.9	7052.9	7228.5	7383.9	7511.2	7620.3	7710.6
-50°	5276.9	5591.7	5864.6	6120.5	6341.6	6539.2	6718.7	6872.0	6999.3	7108.3	7198.3
-52.5°	4700.8	5005.0	5290.7	5551.7	5771.5	5973.4	6156.6	6307.2	6436.8	6547.5	6638.8
-55°	4090.6	4383.6	4659.5	4909.1	5137.6	5347.3	5533.3	5683.4	5814.9	5927.1	6019.7
-57.5°	3486.0	3747.5	3995.7	4232.4	4451.6	4652.4	4829.6	4984.5	5120.1	5235.8	5331.0
-60°	2915.4	3121.6	3343.9	3553.6	3747.5	3925.1	4090.6	4238.1	4366.9	4476.8	4567.2
-62.5°	2404.9	2575.5	2751.5	2915.4	3066.8	3216.3	3361.6	3490.9	3603.9	3700.1	3779.3
-65°	1993.7	2124.5	2247.2	2361.3	2468.0	2592.5	2705.0	2805.1	2892.4	2966.7	3027.9
-67.5°	1639.2	1736.8	1828.2	1913.3	2001.8	2087.7	2165.1	2234.0	2294.0	2345.1	2387.2
-70°	1336.1	1404.3	1468.1	1533.3	1602.5	1665.6	1722.5	1773.1	1817.2	1854.7	1885.5
-72.5°	1083.7	1128.9	1174.3	1225.9	1273.4	1316.8	1355.8	1390.5	1420.8	1446.5	1467.6
-75°	875.2	910.6	946.6	980.1	1010.9	1039.1	1064.4	1086.9	1106.4	1123.1	1136.8
-77.5°	687.9	716.1	742.5	767.0	789.5	810.1	828.6	845.0	859.3	871.4	881.4
-80°	491.9	515.5	537.5	558.0	576.8	593.9	609.4	623.1	635.0	645.1	653.4
-82.5°	306.5	322.6	337.5	351.4	364.2	375.8	386.3	395.6	403.7	410.6	416.2
-85°	151.8	159.1	166.0	172.3	178.1	183.5	188.2	192.5	196.2	199.3	201.9
-87.5°	45.5	46.8	48.1	49.2	50.3	51.3	52.2	52.9	53.6	54.2	54.7
-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: P645482 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	55.0	55.3	55.4	55.5	55.4	55.3	55.0	54.7	54.2	53.6	52.9
85°	203.9	205.3	206.2	206.5	206.2	205.3	203.9	201.9	199.3	196.2	192.5
82.5°	420.6	423.8	425.7	426.3	425.7	423.8	420.6	416.2	410.6	403.7	395.6
80°	659.9	664.6	667.4	668.3	667.4	664.6	659.9	653.4	645.1	635.0	623.1
77.5°	889.2	894.7	898.1	899.2	898.1	894.7	889.2	881.4	871.4	859.3	845.0
75°	1147.4	1155.1	1159.7	1161.2	1159.7	1155.1	1147.4	1136.8	1123.1	1106.4	1086.9
72.5°	1484.1	1495.9	1503.0	1505.4	1503.0	1495.9	1484.1	1467.6	1446.5	1420.8	1390.5
70°	1909.6	1926.8	1937.1	1940.6	1937.1	1926.8	1909.6	1885.5	1854.7	1817.2	1773.1
67.5°	2420.0	2443.5	2457.6	2462.3	2457.6	2443.5	2420.0	2387.2	2345.1	2294.0	2234.0
65°	3075.6	3109.9	3130.4	3137.3	3130.4	3109.9	3075.6	3027.9	2966.7	2892.4	2805.1
62.5°	3841.2	3885.5	3912.2	3921.1	3912.2	3885.5	3841.2	3779.3	3700.1	3603.9	3490.9
60°	4637.9	4688.6	4719.1	4729.3	4719.1	4688.6	4637.9	4567.2	4476.8	4366.9	4238.1
57.5°	5405.6	5459.0	5491.2	5501.9	5491.2	5459.0	5405.6	5331.0	5235.8	5120.1	4984.5
55°	6092.1	6144.1	6175.4	6185.8	6175.4	6144.1	6092.1	6019.7	5927.1	5814.9	5683.4
52.5°	6710.4	6761.7	6792.7	6803.0	6792.7	6761.7	6710.4	6638.8	6547.5	6436.8	6307.2
50°	7268.9	7319.6	7350.1	7360.3	7350.1	7319.6	7268.9	7198.3	7108.3	6999.3	6872.0
47.5°	7781.4	7832.3	7863.0	7873.2	7863.0	7832.3	7781.4	7710.6	7620.3	7511.2	7383.9
45°	8230.6	8278.6	8307.6	8317.3	8307.6	8278.6	8230.6	8163.8	8078.8	7976.1	7853.9
42.5°	8617.9	8662.9	8690.1	8699.2	8690.1	8662.9	8617.9	8555.4	8475.9	8380.0	8260.6
40°	8956.6	8999.7	9025.8	9034.5	9025.8	8999.7	8956.6	8896.8	8820.9	8729.6	8613.0
37.5°	9248.2	9288.5	9312.8	9320.9	9312.8	9288.5	9248.2	9192.6	9122.0	9037.3	8923.0
35°	9494.1	9530.9	9553.2	9560.7	9553.2	9530.9	9494.1	9443.2	9378.9	9298.2	9191.9
32.5°	9702.8	9737.2	9758.0	9765.0	9758.0	9737.2	9702.8	9655.3	9595.6	9517.8	9421.4
30°	9874.2	9904.6	9923.1	9929.3	9923.1	9904.6	9874.2	9832.4	9779.8	9705.7	9616.6
27.5°	10010.3	10036.6	10052.6	10058.0	10052.6	10036.6	10010.3	9974.2	9929.0	9860.8	9783.0
25°	10099.8	10115.9	10125.8	10129.1	10125.8	10115.9	10099.8	10077.7	10044.1	9985.7	9916.8
22.5°	10138.6	10143.1	10145.9	10146.8	10145.9	10143.1	10138.6	10132.5	10112.6	10077.2	10020.8
20°	10141.5	10138.3	10136.4	10135.7	10136.4	10138.3	10141.5	10145.8	10140.1	10130.4	10091.1
17.5°	10123.2	10113.1	10106.8	10104.7	10106.8	10113.1	10123.2	10136.0	10141.9	10144.0	10132.3
15°	10092.4	10077.4	10067.9	10064.7	10067.9	10077.4	10092.4	10110.5	10128.7	10140.5	10144.0
12.5°	10057.8	10041.2	10030.6	10026.9	10030.6	10041.2	10057.8	10080.0	10106.0	10128.7	10141.9
10°	10026.7	10012.7	10003.5	10000.3	10003.5	10012.7	10026.7	10051.2	10080.0	10110.5	10136.0
7.5°	10006.6	9994.1	9987.3	9984.8	9987.3	9994.1	10006.6	10026.7	10057.8	10092.4	10123.2
5°	9994.1	9981.7	9971.2	9967.0	9971.2	9981.7	9994.1	10012.7	10041.2	10077.4	10113.1
2.5°	9987.3	9971.2	9955.3	9947.0	9955.3	9971.2	9987.3	10003.5	10030.6	10067.9	10106.8
0°	9984.8	9967.0	9947.0	9949.2	9947.0	9967.0	9984.8	10000.3	10026.9	10064.7	10104.7
-2.5°	9987.3	9971.2	9955.3	9947.0	9955.3	9971.2	9987.3	10003.5	10030.6	10067.9	10106.8
-5°	9994.1	9981.7	9971.2	9967.0	9971.2	9981.7	9994.1	10012.7	10041.2	10077.4	10113.1
-7.5°	10006.6	9994.1	9987.3	9984.8	9987.3	9994.1	10006.6	10026.7	10057.8	10092.4	10123.2
-10°	10026.7	10012.7	10003.5	10000.3	10003.5	10012.7	10026.7	10051.2	10080.0	10110.5	10136.0
-12.5°	10057.8	10041.2	10030.6	10026.9	10030.6	10041.2	10057.8	10080.0	10106.0	10128.7	10141.9
-15°	10092.4	10077.4	10067.9	10064.7	10067.9	10077.4	10092.4	10110.5	10128.7	10140.5	10144.0
-17.5°	10123.2	10113.1	10106.8	10104.7	10106.8	10113.1	10123.2	10136.0	10141.9	10144.0	10132.3
-20°	10141.5	10138.3	10136.4	10135.7	10136.4	10138.3	10141.5	10145.8	10140.1	10130.4	10091.1



REPORT NUMBER: P645482 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	10138.6	10143.1	10145.9	10146.8	10145.9	10143.1	10138.6	10132.5	10112.6	10077.2	10020.8
-25°	10099.8	10115.9	10125.8	10129.1	10125.8	10115.9	10099.8	10077.7	10044.1	9985.7	9916.8
-27.5°	10010.3	10036.6	10052.6	10058.0	10052.6	10036.6	10010.3	9974.2	9929.0	9860.8	9783.0
-30°	9874.2	9904.6	9923.1	9929.3	9923.1	9904.6	9874.2	9832.4	9779.8	9705.7	9616.6
-32.5°	9702.8	9737.2	9758.0	9765.0	9758.0	9737.2	9702.8	9655.3	9595.6	9517.8	9421.4
-35°	9494.1	9530.9	9553.2	9560.7	9553.2	9530.9	9494.1	9443.2	9378.9	9298.2	9191.9
-37.5°	9248.2	9288.5	9312.8	9320.9	9312.8	9288.5	9248.2	9192.6	9122.0	9037.3	8923.0
-40°	8956.6	8999.7	9025.8	9034.5	9025.8	8999.7	8956.6	8896.8	8820.9	8729.6	8613.0
-42.5°	8617.9	8662.9	8690.1	8699.2	8690.1	8662.9	8617.9	8555.4	8475.9	8380.0	8260.6
-45°	8230.6	8278.6	8307.6	8317.3	8307.6	8278.6	8230.6	8163.8	8078.8	7976.1	7853.9
-47.5°	7781.4	7832.3	7863.0	7873.2	7863.0	7832.3	7781.4	7710.6	7620.3	7511.2	7383.9
-50°	7268.9	7319.6	7350.1	7360.3	7350.1	7319.6	7268.9	7198.3	7108.3	6999.3	6872.0
-52.5°	6710.4	6761.7	6792.7	6803.0	6792.7	6761.7	6710.4	6638.8	6547.5	6436.8	6307.2
-55°	6092.1	6144.1	6175.4	6185.8	6175.4	6144.1	6092.1	6019.7	5927.1	5814.9	5683.4
-57.5°	5405.6	5459.0	5491.2	5501.9	5491.2	5459.0	5405.6	5331.0	5235.8	5120.1	4984.5
-60°	4637.9	4688.6	4719.1	4729.3	4719.1	4688.6	4637.9	4567.2	4476.8	4366.9	4238.1
-62.5°	3841.2	3885.5	3912.2	3921.1	3912.2	3885.5	3841.2	3779.3	3700.1	3603.9	3490.9
-65°	3075.6	3109.9	3130.4	3137.3	3130.4	3109.9	3075.6	3027.9	2966.7	2892.4	2805.1
-67.5°	2420.0	2443.5	2457.6	2462.3	2457.6	2443.5	2420.0	2387.2	2345.1	2294.0	2234.0
-70°	1909.6	1926.8	1937.1	1940.6	1937.1	1926.8	1909.6	1885.5	1854.7	1817.2	1773.1
-72.5°	1484.1	1495.9	1503.0	1505.4	1503.0	1495.9	1484.1	1467.6	1446.5	1420.8	1390.5
-75°	1147.4	1155.1	1159.7	1161.2	1159.7	1155.1	1147.4	1136.8	1123.1	1106.4	1086.9
-77.5°	889.2	894.7	898.1	899.2	898.1	894.7	889.2	881.4	871.4	859.3	845.0
-80°	659.9	664.6	667.4	668.3	667.4	664.6	659.9	653.4	645.1	635.0	623.1
-82.5°	420.6	423.8	425.7	426.3	425.7	423.8	420.6	416.2	410.6	403.7	395.6
-85°	203.9	205.3	206.2	206.5	206.2	205.3	203.9	201.9	199.3	196.2	192.5
-87.5°	55.0	55.3	55.4	55.5	55.4	55.3	55.0	54.7	54.2	53.6	52.9
-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: P645482 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	52.2	51.3	50.3	49.2	48.1	46.8	45.5	44.0	42.5	40.9	39.2
85°	188.2	183.5	178.1	172.3	166.0	159.1	151.8	144.0	135.7	127.0	117.9
82.5°	386.3	375.8	364.2	351.4	337.5	322.6	306.5	289.5	271.4	252.4	232.5
80°	609.4	593.9	576.8	558.0	537.5	515.5	491.9	466.8	440.3	413.6	387.0
77.5°	828.6	810.1	789.5	767.0	742.5	716.1	687.9	657.4	624.1	589.1	552.5
75°	1064.4	1039.1	1010.9	980.1	946.6	910.6	875.2	839.1	800.9	760.7	718.7
72.5°	1355.8	1316.8	1273.4	1225.9	1174.3	1128.9	1083.7	1035.6	984.9	931.6	878.6
70°	1722.5	1665.6	1602.5	1533.3	1468.1	1404.3	1336.1	1263.7	1187.2	1119.9	1055.9
67.5°	2165.1	2087.7	2001.8	1913.3	1828.2	1736.8	1639.2	1535.7	1443.0	1352.3	1257.6
65°	2705.0	2592.5	2468.0	2361.3	2247.2	2124.5	1993.7	1869.2	1747.3	1619.4	1489.9
62.5°	3361.6	3216.3	3066.8	2915.4	2751.5	2575.5	2404.9	2251.4	2089.8	1923.8	1776.4
60°	4090.6	3925.1	3747.5	3553.6	3343.9	3121.6	2915.4	2697.4	2468.0	2281.1	2087.7
57.5°	4829.6	4652.4	4451.6	4232.4	3995.7	3747.5	3486.0	3209.7	2949.7	2688.3	2426.7
55°	5533.3	5347.3	5137.6	4909.1	4659.5	4383.6	4090.6	3785.7	3471.1	3142.6	2847.7
52.5°	6156.6	5973.4	5771.5	5551.7	5290.7	5005.0	4700.8	4366.9	4017.1	3660.4	3293.0
50°	6718.7	6539.2	6341.6	6120.5	5864.6	5591.7	5276.9	4933.6	4567.2	4176.0	3775.0
47.5°	7228.5	7052.9	6859.9	6634.3	6385.4	6113.4	5803.2	5474.2	5089.9	4688.6	4256.1
45°	7697.0	7522.3	7328.1	7102.8	6861.2	6583.3	6283.6	5946.2	5583.4	5168.7	4729.3
42.5°	8113.6	7950.3	7755.9	7533.0	7289.0	7014.5	6717.3	6382.7	6018.2	5618.9	5168.7
40°	8476.4	8325.1	8134.2	7927.2	7680.5	7410.8	7107.6	6784.9	6415.9	6018.2	5583.4
37.5°	8793.5	8643.5	8466.1	8268.6	8032.7	7770.3	7469.5	7138.8	6784.9	6382.7	5946.2
35°	9072.5	8924.9	8757.8	8562.0	8345.8	8086.1	7800.4	7469.5	7107.6	6717.3	6283.6
32.5°	9312.0	9170.4	9014.5	8823.4	8610.6	8369.5	8086.1	7770.3	7410.8	7014.5	6583.3
30°	9509.7	9382.3	9230.4	9056.3	8845.4	8610.6	8345.8	8032.7	7680.5	7289.0	6861.2
27.5°	9680.2	9563.5	9417.3	9250.6	9056.3	8823.4	8562.0	8268.6	7927.2	7533.0	7102.8
25°	9823.6	9712.5	9579.1	9417.3	9230.4	9014.5	8757.8	8466.1	8134.2	7755.9	7328.1
22.5°	9942.0	9837.3	9712.5	9563.5	9382.3	9170.4	8924.9	8643.5	8325.1	7950.3	7522.3
20°	10032.7	9942.0	9823.6	9680.2	9509.7	9312.0	9072.5	8793.5	8476.4	8113.6	7697.0
17.5°	10091.1	10020.8	9916.8	9783.0	9616.6	9421.4	9191.9	8923.0	8613.0	8260.6	7853.9
15°	10130.4	10077.2	9985.7	9860.8	9705.7	9517.8	9298.2	9037.3	8729.6	8380.0	7976.1
12.5°	10140.1	10112.6	10044.1	9929.0	9779.8	9595.6	9378.9	9122.0	8820.9	8475.9	8078.8
10°	10145.8	10132.5	10077.7	9974.2	9832.4	9655.3	9443.2	9192.6	8896.8	8555.4	8163.8
7.5°	10141.5	10138.6	10099.8	10010.3	9874.2	9702.8	9494.1	9248.2	8956.6	8617.9	8230.6
5°	10138.3	10143.1	10115.9	10036.6	9904.6	9737.2	9530.9	9288.5	8999.7	8662.9	8278.6
2.5°	10136.4	10145.9	10125.8	10052.6	9923.1	9758.0	9553.2	9312.8	9025.8	8690.1	8307.6
0°	10135.7	10146.8	10129.1	10058.0	9929.3	9765.0	9560.7	9320.9	9034.5	8699.2	8317.3
-2.5°	10136.4	10145.9	10125.8	10052.6	9923.1	9758.0	9553.2	9312.8	9025.8	8690.1	8307.6
-5°	10138.3	10143.1	10115.9	10036.6	9904.6	9737.2	9530.9	9288.5	8999.7	8662.9	8278.6
-7.5°	10141.5	10138.6	10099.8	10010.3	9874.2	9702.8	9494.1	9248.2	8956.6	8617.9	8230.6
-10°	10145.8	10132.5	10077.7	9974.2	9832.4	9655.3	9443.2	9192.6	8896.8	8555.4	8163.8
-12.5°	10140.1	10112.6	10044.1	9929.0	9779.8	9595.6	9378.9	9122.0	8820.9	8475.9	8078.8
-15°	10130.4	10077.2	9985.7	9860.8	9705.7	9517.8	9298.2	9037.3	8729.6	8380.0	7976.1
-17.5°	10091.1	10020.8	9916.8	9783.0	9616.6	9421.4	9191.9	8923.0	8613.0	8260.6	7853.9
-20°	10032.7	9942.0	9823.6	9680.2	9509.7	9312.0	9072.5	8793.5	8476.4	8113.6	7697.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645482 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4D-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°	9942.0	9837.3	9712.5	9563.5	9382.3	9170.4	8924.9	8643.5	8325.1	7950.3	7522.3
-25°	9823.6	9712.5	9579.1	9417.3	9230.4	9014.5	8757.8	8466.1	8134.2	7755.9	7328.1
-27.5°	9680.2	9563.5	9417.3	9250.6	9056.3	8823.4	8562.0	8268.6	7927.2	7533.0	7102.8
-30°	9509.7	9382.3	9230.4	9056.3	8845.4	8610.6	8345.8	8032.7	7680.5	7289.0	6861.2
-32.5°	9312.0	9170.4	9014.5	8823.4	8610.6	8369.5	8086.1	7770.3	7410.8	7014.5	6583.3
-35°	9072.5	8924.9	8757.8	8562.0	8345.8	8086.1	7800.4	7469.5	7107.6	6717.3	6283.6
-37.5°	8793.5	8643.5	8466.1	8268.6	8032.7	7770.3	7469.5	7138.8	6784.9	6382.7	5946.2
-40°	8476.4	8325.1	8134.2	7927.2	7680.5	7410.8	7107.6	6784.9	6415.9	6018.2	5583.4
-42.5°	8113.6	7950.3	7755.9	7533.0	7289.0	7014.5	6717.3	6382.7	6018.2	5618.9	5168.7
-45°	7697.0	7522.3	7328.1	7102.8	6861.2	6583.3	6283.6	5946.2	5583.4	5168.7	4729.3
-47.5°	7228.5	7052.9	6859.9	6634.3	6385.4	6113.4	5803.2	5474.2	5089.9	4688.6	4256.1
-50°	6718.7	6539.2	6341.6	6120.5	5864.6	5591.7	5276.9	4933.6	4567.2	4176.0	3775.0
-52.5°	6156.6	5973.4	5771.5	5551.7	5290.7	5005.0	4700.8	4366.9	4017.1	3660.4	3293.0
-55°	5533.3	5347.3	5137.6	4909.1	4659.5	4383.6	4090.6	3785.7	3471.1	3142.6	2847.7
-57.5°	4829.6	4652.4	4451.6	4232.4	3995.7	3747.5	3486.0	3209.7	2949.7	2688.3	2426.7
-60°	4090.6	3925.1	3747.5	3553.6	3343.9	3121.6	2915.4	2697.4	2468.0	2281.1	2087.7
-62.5°	3361.6	3216.3	3066.8	2915.4	2751.5	2575.5	2404.9	2251.4	2089.8	1923.8	1776.4
-65°	2705.0	2592.5	2468.0	2361.3	2247.2	2124.5	1993.7	1869.2	1747.3	1619.4	1489.9
-67.5°	2165.1	2087.7	2001.8	1913.3	1828.2	1736.8	1639.2	1535.7	1443.0	1352.3	1257.6
-70°	1722.5	1665.6	1602.5	1533.3	1468.1	1404.3	1336.1	1263.7	1187.2	1119.9	1055.9
-72.5°	1355.8	1316.8	1273.4	1225.9	1174.3	1128.9	1083.7	1035.6	984.9	931.6	878.6
-75°	1064.4	1039.1	1010.9	980.1	946.6	910.6	875.2	839.1	800.9	760.7	718.7
-77.5°	828.6	810.1	789.5	767.0	742.5	716.1	687.9	657.4	624.1	589.1	552.5
-80°	609.4	593.9	576.8	558.0	537.5	515.5	491.9	466.8	440.3	413.6	387.0
-82.5°	386.3	375.8	364.2	351.4	337.5	322.6	306.5	289.5	271.4	252.4	232.5
-85°	188.2	183.5	178.1	172.3	166.0	159.1	151.8	144.0	135.7	127.0	117.9
-87.5°	52.2	51.3	50.3	49.2	48.1	46.8	45.5	44.0	42.5	40.9	39.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P645482 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-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°	37.5	35.7	33.8	31.8	29.8	27.7	25.6	23.4	21.2	19.0	16.7
85°	108.4	98.5	88.2	77.6	66.6	55.4	51.2	46.9	42.4	37.9	33.3
82.5°	211.7	195.2	179.8	163.8	147.4	130.5	113.2	95.5	77.4	59.0	49.9
80°	359.2	330.3	300.4	269.5	237.6	205.3	182.3	158.7	134.6	110.2	85.3
77.5°	514.2	474.4	433.2	393.9	354.0	313.1	271.2	228.3	191.5	160.9	129.9
75°	674.8	627.3	577.8	526.7	474.1	420.6	370.4	319.0	266.7	213.4	174.1
72.5°	827.3	774.0	718.9	661.7	600.3	537.4	472.9	408.8	347.9	285.9	223.0
70°	989.3	920.2	854.6	789.6	722.7	653.4	579.9	504.8	428.3	357.5	285.9
67.5°	1159.4	1081.6	1001.0	918.0	840.6	763.5	684.7	601.2	515.5	428.3	347.9
65°	1380.1	1266.2	1151.6	1059.4	964.7	871.4	784.0	695.0	601.2	504.8	408.8
62.5°	1623.2	1473.2	1343.7	1210.5	1094.6	988.1	881.7	784.0	684.7	579.9	472.9
60°	1895.8	1722.5	1543.9	1390.5	1241.6	1106.4	988.1	871.4	763.5	653.4	537.4
57.5°	2208.6	1983.2	1782.5	1583.7	1406.2	1241.6	1094.6	964.7	840.6	722.7	600.3
55°	2543.1	2281.7	2031.7	1802.6	1583.7	1390.5	1210.5	1059.4	918.0	789.6	661.7
52.5°	2944.2	2606.9	2306.2	2031.7	1782.5	1543.9	1343.7	1151.6	1001.0	854.6	718.9
50°	3368.8	2976.5	2606.9	2281.7	1983.2	1722.5	1473.2	1266.2	1081.6	920.2	774.0
47.5°	3813.4	3368.8	2944.2	2543.1	2208.6	1895.8	1623.2	1380.1	1159.4	989.3	827.3
45°	4256.1	3775.0	3293.0	2847.7	2426.7	2087.7	1776.4	1489.9	1257.6	1055.9	878.6
42.5°	4688.6	4176.0	3660.4	3142.6	2688.3	2281.1	1923.8	1619.4	1352.3	1119.9	931.6
40°	5089.9	4567.2	4017.1	3471.1	2949.7	2468.0	2089.8	1747.3	1443.0	1187.2	984.9
37.5°	5474.2	4933.6	4366.9	3785.7	3209.7	2697.4	2251.4	1869.2	1535.7	1263.7	1035.6
35°	5803.2	5276.9	4700.8	4090.6	3486.0	2915.4	2404.9	1993.7	1639.2	1336.1	1083.7
32.5°	6113.4	5591.7	5005.0	4383.6	3747.5	3121.6	2575.5	2124.5	1736.8	1404.3	1128.9
30°	6385.4	5864.6	5290.7	4659.5	3995.7	3343.9	2751.5	2247.2	1828.2	1468.1	1174.3
27.5°	6634.3	6120.5	5551.7	4909.1	4232.4	3553.6	2915.4	2361.3	1913.3	1533.3	1225.9
25°	6859.9	6341.6	5771.5	5137.6	4451.6	3747.5	3066.8	2468.0	2001.8	1602.5	1273.4
22.5°	7052.9	6539.2	5973.4	5347.3	4652.4	3925.1	3216.3	2592.5	2087.7	1665.6	1316.8
20°	7228.5	6718.7	6156.6	5533.3	4829.6	4090.6	3361.6	2705.0	2165.1	1722.5	1355.8
17.5°	7383.9	6872.0	6307.2	5683.4	4984.5	4238.1	3490.9	2805.1	2234.0	1773.1	1390.5
15°	7511.2	6999.3	6436.8	5814.9	5120.1	4366.9	3603.9	2892.4	2294.0	1817.2	1420.8
12.5°	7620.3	7108.3	6547.5	5927.1	5235.8	4476.8	3700.1	2966.7	2345.1	1854.7	1446.5
10°	7710.6	7198.3	6638.8	6019.7	5331.0	4567.2	3779.3	3027.9	2387.2	1885.5	1467.6
7.5°	7781.4	7268.9	6710.4	6092.1	5405.6	4637.9	3841.2	3075.6	2420.0	1909.6	1484.1
5°	7832.3	7319.6	6761.7	6144.1	5459.0	4688.6	3885.5	3109.9	2443.5	1926.8	1495.9
2.5°	7863.0	7350.1	6792.7	6175.4	5491.2	4719.1	3912.2	3130.4	2457.6	1937.1	1503.0
0°	7873.2	7360.3	6803.0	6185.8	5501.9	4729.3	3921.1	3137.3	2462.3	1940.6	1505.4
-2.5°	7863.0	7350.1	6792.7	6175.4	5491.2	4719.1	3912.2	3130.4	2457.6	1937.1	1503.0
-5°	7832.3	7319.6	6761.7	6144.1	5459.0	4688.6	3885.5	3109.9	2443.5	1926.8	1495.9
-7.5°	7781.4	7268.9	6710.4	6092.1	5405.6	4637.9	3841.2	3075.6	2420.0	1909.6	1484.1
-10°	7710.6	7198.3	6638.8	6019.7	5331.0	4567.2	3779.3	3027.9	2387.2	1885.5	1467.6
-12.5°	7620.3	7108.3	6547.5	5927.1	5235.8	4476.8	3700.1	2966.7	2345.1	1854.7	1446.5
-15°	7511.2	6999.3	6436.8	5814.9	5120.1	4366.9	3603.9	2892.4	2294.0	1817.2	1420.8
-17.5°	7383.9	6872.0	6307.2	5683.4	4984.5	4238.1	3490.9	2805.1	2234.0	1773.1	1390.5
-20°	7228.5	6718.7	6156.6	5533.3	4829.6	4090.6	3361.6	2705.0	2165.1	1722.5	1355.8



REPORT NUMBER: P645482 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	7052.9	6539.2	5973.4	5347.3	4652.4	3925.1	3216.3	2592.5	2087.7	1665.6	1316.8
-25°	6859.9	6341.6	5771.5	5137.6	4451.6	3747.5	3066.8	2468.0	2001.8	1602.5	1273.4
-27.5°	6634.3	6120.5	5551.7	4909.1	4232.4	3553.6	2915.4	2361.3	1913.3	1533.3	1225.9
-30°	6385.4	5864.6	5290.7	4659.5	3995.7	3343.9	2751.5	2247.2	1828.2	1468.1	1174.3
-32.5°	6113.4	5591.7	5005.0	4383.6	3747.5	3121.6	2575.5	2124.5	1736.8	1404.3	1128.9
-35°	5803.2	5276.9	4700.8	4090.6	3486.0	2915.4	2404.9	1993.7	1639.2	1336.1	1083.7
-37.5°	5474.2	4933.6	4366.9	3785.7	3209.7	2697.4	2251.4	1869.2	1535.7	1263.7	1035.6
-40°	5089.9	4567.2	4017.1	3471.1	2949.7	2468.0	2089.8	1747.3	1443.0	1187.2	984.9
-42.5°	4688.6	4176.0	3660.4	3142.6	2688.3	2281.1	1923.8	1619.4	1352.3	1119.9	931.6
-45°	4256.1	3775.0	3293.0	2847.7	2426.7	2087.7	1776.4	1489.9	1257.6	1055.9	878.6
-47.5°	3813.4	3368.8	2944.2	2543.1	2208.6	1895.8	1623.2	1380.1	1159.4	989.3	827.3
-50°	3368.8	2976.5	2606.9	2281.7	1983.2	1722.5	1473.2	1266.2	1081.6	920.2	774.0
-52.5°	2944.2	2606.9	2306.2	2031.7	1782.5	1543.9	1343.7	1151.6	1001.0	854.6	718.9
-55°	2543.1	2281.7	2031.7	1802.6	1583.7	1390.5	1210.5	1059.4	918.0	789.6	661.7
-57.5°	2208.6	1983.2	1782.5	1583.7	1406.2	1241.6	1094.6	964.7	840.6	722.7	600.3
-60°	1895.8	1722.5	1543.9	1390.5	1241.6	1106.4	988.1	871.4	763.5	653.4	537.4
-62.5°	1623.2	1473.2	1343.7	1210.5	1094.6	988.1	881.7	784.0	684.7	579.9	472.9
-65°	1380.1	1266.2	1151.6	1059.4	964.7	871.4	784.0	695.0	601.2	504.8	408.8
-67.5°	1159.4	1081.6	1001.0	918.0	840.6	763.5	684.7	601.2	515.5	428.3	347.9
-70°	989.3	920.2	854.6	789.6	722.7	653.4	579.9	504.8	428.3	357.5	285.9
-72.5°	827.3	774.0	718.9	661.7	600.3	537.4	472.9	408.8	347.9	285.9	223.0
-75°	674.8	627.3	577.8	526.7	474.1	420.6	370.4	319.0	266.7	213.4	174.1
-77.5°	514.2	474.4	433.2	393.9	354.0	313.1	271.2	228.3	191.5	160.9	129.9
-80°	359.2	330.3	300.4	269.5	237.6	205.3	182.3	158.7	134.6	110.2	85.3
-82.5°	211.7	195.2	179.8	163.8	147.4	130.5	113.2	95.5	77.4	59.0	49.9
-85°	108.4	98.5	88.2	77.6	66.6	55.4	51.2	46.9	42.4	37.9	33.3
-87.5°	37.5	35.7	33.8	31.8	29.8	27.7	25.6	23.4	21.2	19.0	16.7
-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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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P645482 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	14.4	12.0	9.6	7.2	4.8	2.4	0.0
85°	28.7	24.0	19.3	14.5	9.7	4.8	0.0
82.5°	43.0	35.9	28.8	21.7	14.5	7.2	0.0
80°	60.1	47.8	38.4	28.8	19.3	9.6	0.0
77.5°	98.5	66.7	47.8	35.9	24.0	12.0	0.0
75°	136.5	98.5	60.1	43.0	28.7	14.4	0.0
72.5°	174.1	129.9	85.3	49.9	33.3	16.7	0.0
70°	213.4	160.9	110.2	59.0	37.9	19.0	0.0
67.5°	266.7	191.5	134.6	77.4	42.4	21.2	0.0
65°	319.0	228.3	158.7	95.5	46.9	23.4	0.0
62.5°	370.4	271.2	182.3	113.2	51.2	25.6	0.0
60°	420.6	313.1	205.3	130.5	55.4	27.7	0.0
57.5°	474.1	354.0	237.6	147.4	66.6	29.8	0.0
55°	526.7	393.9	269.5	163.8	77.6	31.8	0.0
52.5°	577.8	433.2	300.4	179.8	88.2	33.8	0.0
50°	627.3	474.4	330.3	195.2	98.5	35.7	0.0
47.5°	674.8	514.2	359.2	211.7	108.4	37.5	0.0
45°	718.7	552.5	387.0	232.5	117.9	39.2	0.0
42.5°	760.7	589.1	413.6	252.4	127.0	40.9	0.0
40°	800.9	624.1	440.3	271.4	135.7	42.5	0.0
37.5°	839.1	657.4	466.8	289.5	144.0	44.0	0.0
35°	875.2	687.9	491.9	306.5	151.8	45.5	0.0
32.5°	910.6	716.1	515.5	322.6	159.1	46.8	0.0
30°	946.6	742.5	537.5	337.5	166.0	48.1	0.0
27.5°	980.1	767.0	558.0	351.4	172.3	49.2	0.0
25°	1010.9	789.5	576.8	364.2	178.1	50.3	0.0
22.5°	1039.1	810.1	593.9	375.8	183.5	51.3	0.0
20°	1064.4	828.6	609.4	386.3	188.2	52.2	0.0
17.5°	1086.9	845.0	623.1	395.6	192.5	52.9	0.0
15°	1106.4	859.3	635.0	403.7	196.2	53.6	0.0
12.5°	1123.1	871.4	645.1	410.6	199.3	54.2	0.0
10°	1136.8	881.4	653.4	416.2	201.9	54.7	0.0
7.5°	1147.4	889.2	659.9	420.6	203.9	55.0	0.0
5°	1155.1	894.7	664.6	423.8	205.3	55.3	0.0
2.5°	1159.7	898.1	667.4	425.7	206.2	55.4	0.0
0°	1161.2	899.2	668.3	426.3	206.5	55.5	0.0
-2.5°	1159.7	898.1	667.4	425.7	206.2	55.4	0.0
-5°	1155.1	894.7	664.6	423.8	205.3	55.3	0.0
-7.5°	1147.4	889.2	659.9	420.6	203.9	55.0	0.0
-10°	1136.8	881.4	653.4	416.2	201.9	54.7	0.0
-12.5°	1123.1	871.4	645.1	410.6	199.3	54.2	0.0
-15°	1106.4	859.3	635.0	403.7	196.2	53.6	0.0
-17.5°	1086.9	845.0	623.1	395.6	192.5	52.9	0.0
-20°	1064.4	828.6	609.4	386.3	188.2	52.2	0.0

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REPORT NUMBER: P645482 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	1039.1	810.1	593.9	375.8	183.5	51.3	0.0
-25°	1010.9	789.5	576.8	364.2	178.1	50.3	0.0
-27.5°	980.1	767.0	558.0	351.4	172.3	49.2	0.0
-30°	946.6	742.5	537.5	337.5	166.0	48.1	0.0
-32.5°	910.6	716.1	515.5	322.6	159.1	46.8	0.0
-35°	875.2	687.9	491.9	306.5	151.8	45.5	0.0
-37.5°	839.1	657.4	466.8	289.5	144.0	44.0	0.0
-40°	800.9	624.1	440.3	271.4	135.7	42.5	0.0
-42.5°	760.7	589.1	413.6	252.4	127.0	40.9	0.0
-45°	718.7	552.5	387.0	232.5	117.9	39.2	0.0
-47.5°	674.8	514.2	359.2	211.7	108.4	37.5	0.0
-50°	627.3	474.4	330.3	195.2	98.5	35.7	0.0
-52.5°	577.8	433.2	300.4	179.8	88.2	33.8	0.0
-55°	526.7	393.9	269.5	163.8	77.6	31.8	0.0
-57.5°	474.1	354.0	237.6	147.4	66.6	29.8	0.0
-60°	420.6	313.1	205.3	130.5	55.4	27.7	0.0
-62.5°	370.4	271.2	182.3	113.2	51.2	25.6	0.0
-65°	319.0	228.3	158.7	95.5	46.9	23.4	0.0
-67.5°	266.7	191.5	134.6	77.4	42.4	21.2	0.0
-70°	213.4	160.9	110.2	59.0	37.9	19.0	0.0
-72.5°	174.1	129.9	85.3	49.9	33.3	16.7	0.0
-75°	136.5	98.5	60.1	43.0	28.7	14.4	0.0
-77.5°	98.5	66.7	47.8	35.9	24.0	12.0	0.0
-80°	60.1	47.8	38.4	28.8	19.3	9.6	0.0
-82.5°	43.0	35.9	28.8	21.7	14.5	7.2	0.0
-85°	28.7	24.0	19.3	14.5	9.7	4.8	0.0
-87.5°	14.4	12.0	9.6	7.2	4.8	2.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)