

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: P645562 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA6C-727-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645562 (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-727-U-LAM-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, LAMBERTIAN
Light Source: (96) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

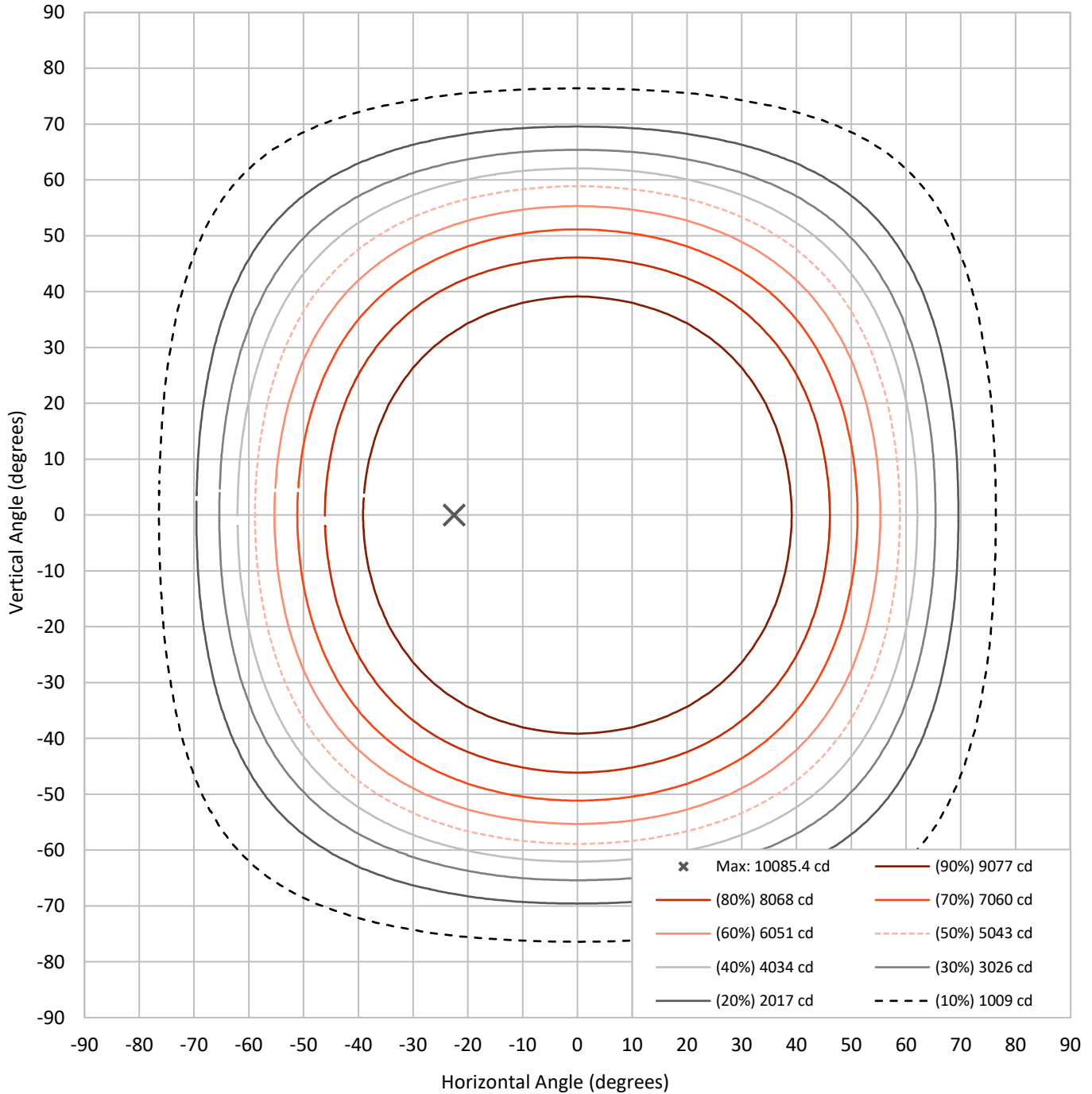
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	30851.9 lumens	Max Intensity:	10085.4 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	124.7 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:	25675.6 lumens	Field Lumens:	30245.1 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: P645562 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





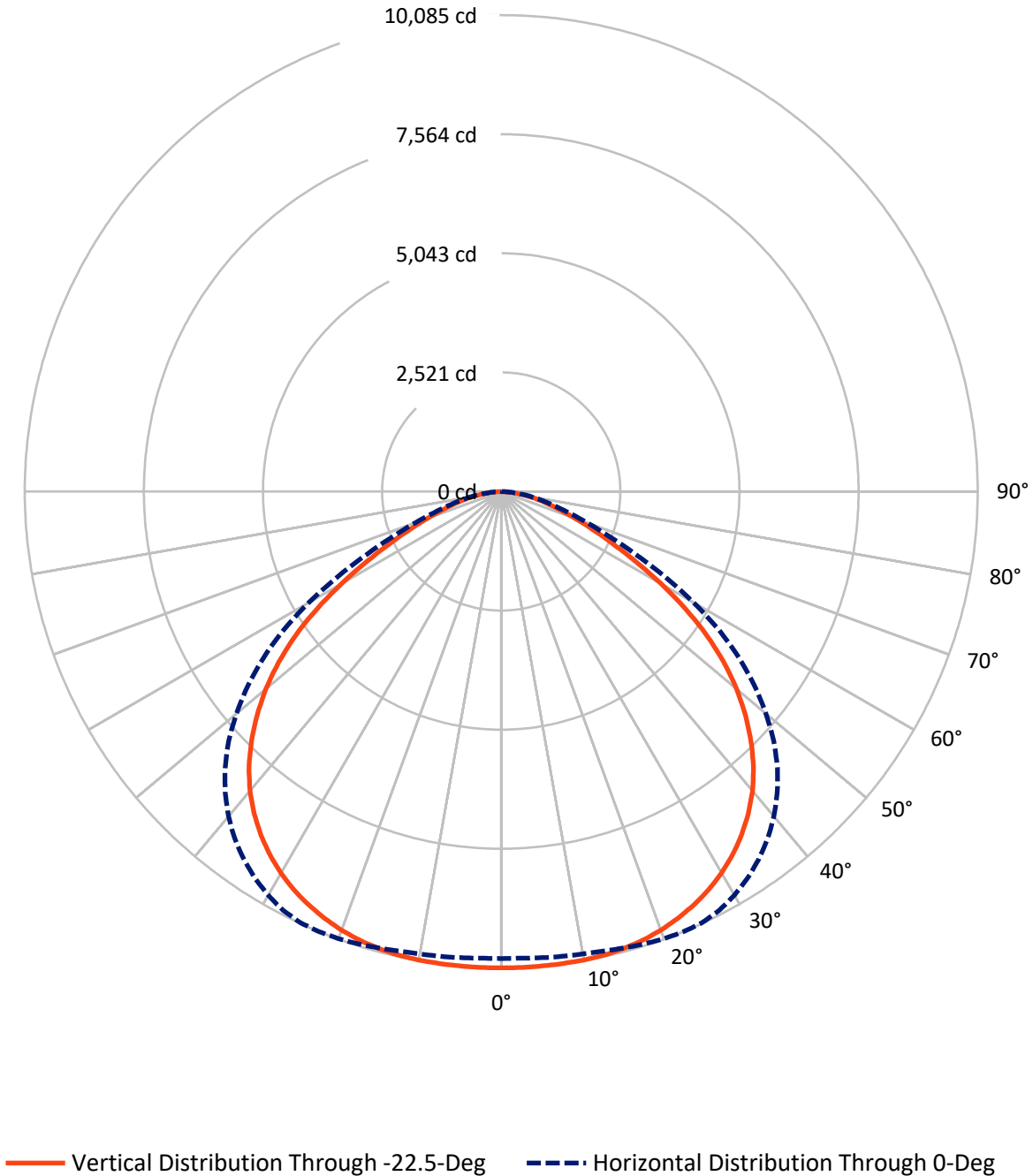
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Lumen Table

90																			
80	1.5	16.0		45.2		75.2		88.0		75.2		45.2		16.0		1.5			
70																			
60	7.6	9.0	18.8	32.8	50.7	70.0	86.5	95.7	95.7	86.5	70.0	50.7	32.8	18.8	9.0	7.6			
50		13.9	32.0	62.0	101.4	139.5	168.0	183.1	183.1	168.0	139.5	101.4	62.0	32.0	13.9				
40	14.4	19.9	50.6	100.8	154.5	199.5	231.3	247.6	247.6	231.3	199.5	154.5	100.8	50.6	19.9	14.4			
30		26.7	71.6	133.7	192.1	238.8	270.3	285.9	285.9	270.3	238.8	192.1	133.7	71.6	26.7				
20	19.7	33.4	89.1	156.1	216.0	261.6	290.6	303.5	303.5	290.6	261.6	216.0	156.1	89.1	33.4	19.7			
10		38.8	100.6	169.8	229.4	272.7	295.7	303.7	303.7	295.7	272.7	229.4	169.8	100.6	38.8				
0	21.8	41.6	106.3	176.2	235.3	276.2	294.4	300.8	300.8	294.4	276.2	235.3	176.2	106.3	41.6	21.8			
-10		41.6	106.3	176.2	235.3	276.2	294.4	300.8	300.8	294.4	276.2	235.3	176.2	106.3	41.6				
-20	19.7	38.8	100.6	169.8	229.4	272.7	295.7	303.7	303.7	295.7	272.7	229.4	169.8	100.6	38.8	19.7			
-30		33.4	89.1	156.1	216.0	261.6	290.6	303.5	303.5	290.6	261.6	216.0	156.1	89.1	33.4				
-40	14.4	26.7	71.6	133.7	192.1	238.8	270.3	285.9	285.9	270.3	238.8	192.1	133.7	71.6	26.7	14.4			
-50		19.9	50.6	100.8	154.5	199.5	231.3	247.6	247.6	231.3	199.5	154.5	100.8	50.6	19.9				
-60	7.6	13.9	32.0	62.0	101.4	139.5	168.0	183.1	183.1	168.0	139.5	101.4	62.0	32.0	13.9	7.6			
-70		9.0	18.8	32.8	50.7	70.0	86.5	95.7	95.7	86.5	70.0	50.7	32.8	18.8	9.0				
-80																			
-90	1.5	16.0		45.2		75.2		88.0		75.2		45.2		16.0		1.5			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

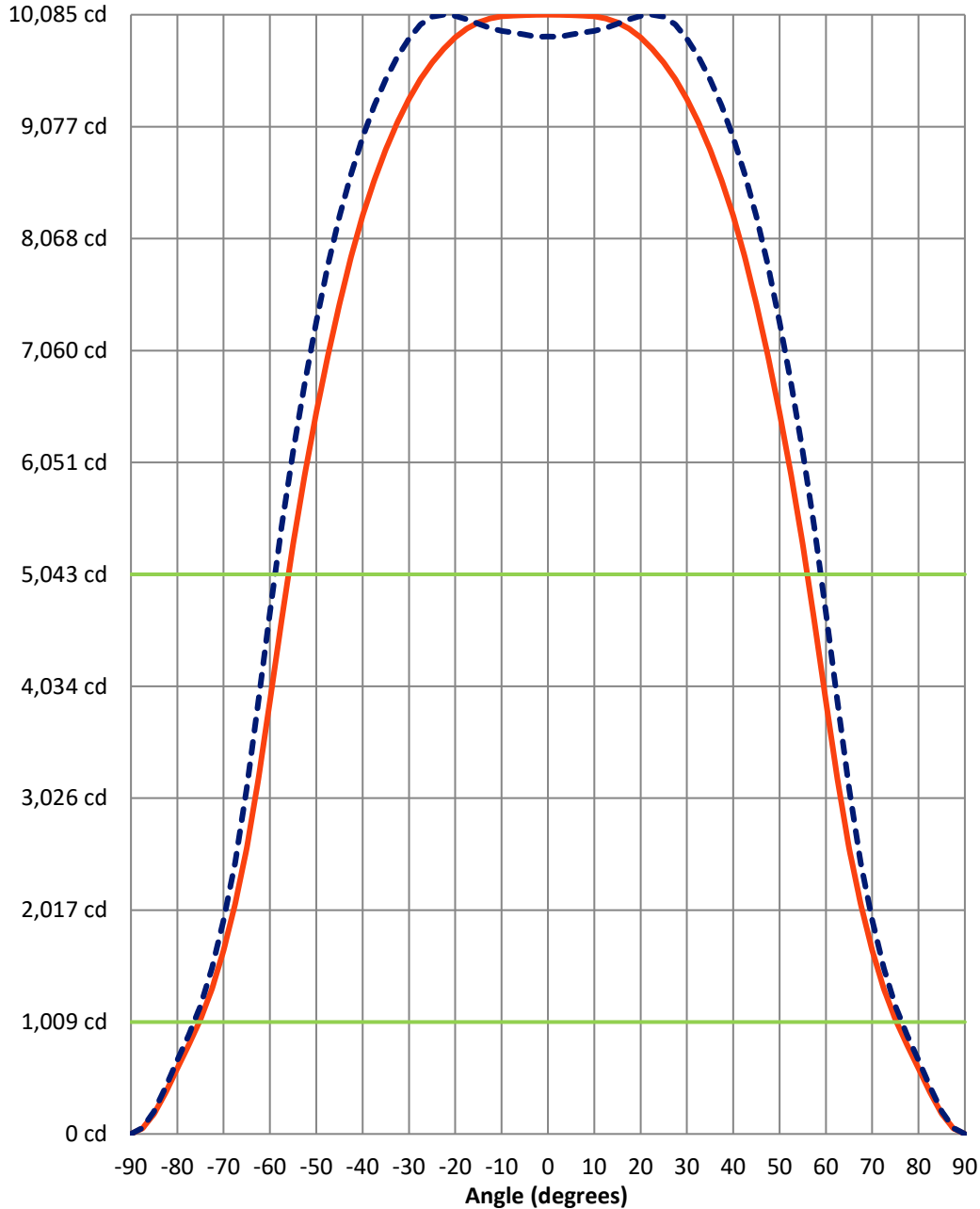
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 25675.6
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 30245.1
 Efficiency: 98.0%

Spill:
 Lumens: 606.8
 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	11.9	14.3	16.6	18.9	21.1	23.3
85°	0.0	4.8	9.6	14.4	19.1	23.9	28.5	33.2	37.7	42.2	46.6
82.5°	0.0	7.2	14.4	21.6	28.7	35.7	42.7	49.7	58.7	77.0	94.9
80°	0.0	9.6	19.1	28.7	38.2	47.6	59.8	84.8	109.5	133.8	157.7
77.5°	0.0	11.9	23.9	35.7	47.6	66.3	97.9	129.1	159.9	190.3	226.9
75°	0.0	14.3	28.5	42.7	59.8	97.9	135.7	173.0	212.1	265.0	317.0
72.5°	0.0	16.6	33.2	49.7	84.8	129.1	173.0	221.6	284.1	345.7	406.3
70°	0.0	18.9	37.7	58.7	109.5	159.9	212.1	284.1	355.3	425.7	501.7
67.5°	0.0	21.1	42.2	77.0	133.8	190.3	265.0	345.7	425.7	512.3	597.6
65°	0.0	23.3	46.6	94.9	157.7	226.9	317.0	406.3	501.7	597.6	690.8
62.5°	0.0	25.5	50.9	112.5	181.1	269.5	368.1	470.0	576.4	680.6	779.3
60°	0.0	27.6	55.1	129.7	204.1	311.2	418.1	534.1	649.5	759.0	866.2
57.5°	0.0	29.7	66.2	146.5	236.1	351.9	471.2	596.7	718.4	835.6	958.9
55°	0.0	31.7	77.1	162.8	267.8	391.5	523.5	657.7	784.9	912.5	1053.0
52.5°	0.0	33.6	87.7	178.6	298.6	430.6	574.3	714.6	849.5	995.0	1144.7
50°	0.0	35.5	97.9	194.0	328.3	471.6	623.5	769.4	914.6	1075.0	1258.6
47.5°	0.0	37.3	107.7	210.4	357.0	511.1	670.7	822.3	983.4	1152.5	1371.7
45°	0.0	39.0	117.2	231.0	384.6	549.1	714.4	873.3	1049.6	1250.0	1480.9
42.5°	0.0	40.7	126.3	250.9	411.1	585.6	756.2	926.0	1113.1	1344.2	1609.6
40°	0.0	42.3	134.9	269.7	437.6	620.4	796.1	979.0	1180.1	1434.3	1736.7
37.5°	0.0	43.8	143.1	287.7	464.0	653.5	834.0	1029.4	1256.0	1526.4	1857.9
35°	0.0	45.2	150.8	304.6	488.9	683.8	870.0	1077.1	1328.0	1629.3	1981.6
32.5°	0.0	46.6	158.1	320.6	512.4	711.8	905.1	1122.1	1395.8	1726.3	2111.6
30°	0.0	47.8	164.9	335.5	534.3	738.1	940.9	1167.2	1459.3	1817.1	2233.5
27.5°	0.0	49.0	171.2	349.3	554.6	762.4	974.2	1218.5	1524.1	1901.6	2347.0
25°	0.0	50.0	177.0	362.0	573.3	784.8	1004.9	1265.7	1592.8	1989.7	2453.0
22.5°	0.0	51.0	182.3	373.5	590.4	805.2	1032.8	1308.8	1655.5	2075.0	2576.9
20°	0.0	51.9	187.1	384.0	605.7	823.6	1058.0	1347.7	1712.1	2152.0	2688.6
17.5°	0.0	52.6	191.3	393.2	619.3	839.9	1080.3	1382.1	1762.3	2220.4	2788.1
15°	0.0	53.3	195.0	401.2	631.2	854.1	1099.8	1412.2	1806.1	2280.1	2874.9
12.5°	0.0	53.9	198.1	408.1	641.3	866.2	1116.3	1437.8	1843.4	2330.9	2948.8
10°	0.0	54.4	200.6	413.7	649.5	876.1	1129.9	1458.8	1874.0	2372.7	3009.6
7.5°	0.0	54.7	202.6	418.1	656.0	883.8	1140.5	1475.2	1898.0	2405.3	3057.0
5°	0.0	55.0	204.1	421.2	660.6	889.4	1148.1	1486.9	1915.1	2428.7	3091.0
2.5°	0.0	55.1	204.9	423.1	663.4	892.7	1152.7	1493.9	1925.4	2442.7	3111.5
0°	0.0	55.2	205.2	423.7	664.3	893.8	1154.2	1496.3	1928.8	2447.4	3118.3
-2.5°	0.0	55.1	204.9	423.1	663.4	892.7	1152.7	1493.9	1925.4	2442.7	3111.5
-5°	0.0	55.0	204.1	421.2	660.6	889.4	1148.1	1486.9	1915.1	2428.7	3091.0
-7.5°	0.0	54.7	202.6	418.1	656.0	883.8	1140.5	1475.2	1898.0	2405.3	3057.0
-10°	0.0	54.4	200.6	413.7	649.5	876.1	1129.9	1458.8	1874.0	2372.7	3009.6
-12.5°	0.0	53.9	198.1	408.1	641.3	866.2	1116.3	1437.8	1843.4	2330.9	2948.8
-15°	0.0	53.3	195.0	401.2	631.2	854.1	1099.8	1412.2	1806.1	2280.1	2874.9
-17.5°	0.0	52.6	191.3	393.2	619.3	839.9	1080.3	1382.1	1762.3	2220.4	2788.1
-20°	0.0	51.9	187.1	384.0	605.7	823.6	1058.0	1347.7	1712.1	2152.0	2688.6

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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	51.0	182.3	373.5	590.4	805.2	1032.8	1308.8	1655.5	2075.0	2576.9
-25°	0.0	50.0	177.0	362.0	573.3	784.8	1004.9	1265.7	1592.8	1989.7	2453.0
-27.5°	0.0	49.0	171.2	349.3	554.6	762.4	974.2	1218.5	1524.1	1901.6	2347.0
-30°	0.0	47.8	164.9	335.5	534.3	738.1	940.9	1167.2	1459.3	1817.1	2233.5
-32.5°	0.0	46.6	158.1	320.6	512.4	711.8	905.1	1122.1	1395.8	1726.3	2111.6
-35°	0.0	45.2	150.8	304.6	488.9	683.8	870.0	1077.1	1328.0	1629.3	1981.6
-37.5°	0.0	43.8	143.1	287.7	464.0	653.5	834.0	1029.4	1256.0	1526.4	1857.9
-40°	0.0	42.3	134.9	269.7	437.6	620.4	796.1	979.0	1180.1	1434.3	1736.7
-42.5°	0.0	40.7	126.3	250.9	411.1	585.6	756.2	926.0	1113.1	1344.2	1609.6
-45°	0.0	39.0	117.2	231.0	384.6	549.1	714.4	873.3	1049.6	1250.0	1480.9
-47.5°	0.0	37.3	107.7	210.4	357.0	511.1	670.7	822.3	983.4	1152.5	1371.7
-50°	0.0	35.5	97.9	194.0	328.3	471.6	623.5	769.4	914.6	1075.0	1258.6
-52.5°	0.0	33.6	87.7	178.6	298.6	430.6	574.3	714.6	849.5	995.0	1144.7
-55°	0.0	31.7	77.1	162.8	267.8	391.5	523.5	657.7	784.9	912.5	1053.0
-57.5°	0.0	29.7	66.2	146.5	236.1	351.9	471.2	596.7	718.4	835.6	958.9
-60°	0.0	27.6	55.1	129.7	204.1	311.2	418.1	534.1	649.5	759.0	866.2
-62.5°	0.0	25.5	50.9	112.5	181.1	269.5	368.1	470.0	576.4	680.6	779.3
-65°	0.0	23.3	46.6	94.9	157.7	226.9	317.0	406.3	501.7	597.6	690.8
-67.5°	0.0	21.1	42.2	77.0	133.8	190.3	265.0	345.7	425.7	512.3	597.6
-70°	0.0	18.9	37.7	58.7	109.5	159.9	212.1	284.1	355.3	425.7	501.7
-72.5°	0.0	16.6	33.2	49.7	84.8	129.1	173.0	221.6	284.1	345.7	406.3
-75°	0.0	14.3	28.5	42.7	59.8	97.9	135.7	173.0	212.1	265.0	317.0
-77.5°	0.0	11.9	23.9	35.7	47.6	66.3	97.9	129.1	159.9	190.3	226.9
-80°	0.0	9.6	19.1	28.7	38.2	47.6	59.8	84.8	109.5	133.8	157.7
-82.5°	0.0	7.2	14.4	21.6	28.7	35.7	42.7	49.7	58.7	77.0	94.9
-85°	0.0	4.8	9.6	14.4	19.1	23.9	28.5	33.2	37.7	42.2	46.6
-87.5°	0.0	2.4	4.8	7.2	9.6	11.9	14.3	16.6	18.9	21.1	23.3
-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°	25.5	27.6	29.7	31.7	33.6	35.5	37.3	39.0	40.7	42.3	43.8
85°	50.9	55.1	66.2	77.1	87.7	97.9	107.7	117.2	126.3	134.9	143.1
82.5°	112.5	129.7	146.5	162.8	178.6	194.0	210.4	231.0	250.9	269.7	287.7
80°	181.1	204.1	236.1	267.8	298.6	328.3	357.0	384.6	411.1	437.6	464.0
77.5°	269.5	311.2	351.9	391.5	430.6	471.6	511.1	549.1	585.6	620.4	653.5
75°	368.1	418.1	471.2	523.5	574.3	623.5	670.7	714.4	756.2	796.1	834.0
72.5°	470.0	534.1	596.7	657.7	714.6	769.4	822.3	873.3	926.0	979.0	1029.4
70°	576.4	649.5	718.4	784.9	849.5	914.6	983.4	1049.6	1113.1	1180.1	1256.0
67.5°	680.6	759.0	835.6	912.5	995.0	1075.0	1152.5	1250.0	1344.2	1434.3	1526.4
65°	779.3	866.2	958.9	1053.0	1144.7	1258.6	1371.7	1480.9	1609.6	1736.7	1857.9
62.5°	876.4	982.2	1088.1	1203.2	1335.6	1464.3	1613.4	1765.6	1912.1	2077.1	2237.8
60°	982.2	1099.8	1234.1	1382.1	1534.5	1712.1	1884.3	2075.0	2267.3	2453.0	2681.0
57.5°	1088.1	1234.1	1397.7	1574.1	1771.7	1971.2	2195.2	2412.0	2672.0	2931.8	3190.3
55°	1203.2	1382.1	1574.1	1791.7	2019.4	2267.9	2527.7	2830.5	3123.6	3450.0	3762.7
52.5°	1335.6	1534.5	1771.7	2019.4	2292.2	2591.2	2926.4	3273.1	3638.2	3992.7	4340.4
50°	1464.3	1712.1	1971.2	2267.9	2591.2	2958.5	3348.3	3752.1	4150.7	4539.5	4903.7
47.5°	1613.4	1884.3	2195.2	2527.7	2926.4	3348.3	3790.3	4230.3	4660.2	5059.1	5441.1
45°	1765.6	2075.0	2412.0	2830.5	3273.1	3752.1	4230.3	4700.6	5137.4	5549.6	5910.2
42.5°	1912.1	2267.3	2672.0	3123.6	3638.2	4150.7	4660.2	5137.4	5584.9	5981.9	6344.1
40°	2077.1	2453.0	2931.8	3450.0	3992.7	4539.5	5059.1	5549.6	5981.9	6377.1	6743.9
37.5°	2237.8	2681.0	3190.3	3762.7	4340.4	4903.7	5441.1	5910.2	6344.1	6743.9	7095.7
35°	2390.3	2897.8	3464.9	4065.8	4672.3	5245.0	5768.1	6245.6	6676.7	7064.6	7424.4
32.5°	2559.9	3102.7	3724.7	4357.0	4974.7	5557.8	6076.4	6543.5	6972.1	7366.0	7723.3
30°	2734.8	3323.6	3971.4	4631.2	5258.7	5829.1	6346.8	6819.8	7244.9	7634.1	7984.2
27.5°	2897.8	3532.0	4206.7	4879.3	5518.1	6083.5	6594.2	7059.8	7487.5	7879.2	8218.6
25°	3048.3	3724.7	4424.6	5106.5	5736.6	6303.3	6818.5	7283.8	7709.0	8085.0	8414.8
22.5°	3196.8	3901.3	4624.2	5314.9	5937.2	6499.6	7010.2	7476.8	7902.2	8274.7	8591.1
20°	3341.2	4065.8	4800.3	5499.8	6119.4	6678.1	7184.8	7650.5	8064.5	8425.1	8740.2
17.5°	3469.8	4212.3	4954.3	5649.0	6269.1	6830.5	7339.2	7806.4	8210.6	8560.9	8868.9
15°	3582.1	4340.4	5089.1	5779.7	6397.9	6957.1	7465.8	7927.9	8329.3	8676.7	8982.6
12.5°	3677.7	4449.6	5204.1	5891.3	6507.9	7065.4	7574.3	8030.0	8424.6	8767.5	9066.8
10°	3756.4	4539.5	5298.8	5983.3	6598.7	7154.8	7664.0	8114.5	8503.6	8843.0	9136.9
7.5°	3817.9	4609.8	5372.8	6055.3	6669.8	7224.9	7734.3	8180.8	8565.7	8902.4	9192.3
5°	3862.0	4660.2	5426.0	6106.9	6720.9	7275.3	7784.9	8228.6	8610.5	8945.3	9232.2
2.5°	3888.5	4690.5	5457.9	6138.0	6751.6	7305.7	7815.4	8257.4	8637.5	8971.1	9256.4
0°	3897.3	4700.6	5468.6	6148.4	6761.9	7315.8	7825.6	8267.0	8646.5	8979.8	9264.5
-2.5°	3888.5	4690.5	5457.9	6138.0	6751.6	7305.7	7815.4	8257.4	8637.5	8971.1	9256.4
-5°	3862.0	4660.2	5426.0	6106.9	6720.9	7275.3	7784.9	8228.6	8610.5	8945.3	9232.2
-7.5°	3817.9	4609.8	5372.8	6055.3	6669.8	7224.9	7734.3	8180.8	8565.7	8902.4	9192.3
-10°	3756.4	4539.5	5298.8	5983.3	6598.7	7154.8	7664.0	8114.5	8503.6	8843.0	9136.9
-12.5°	3677.7	4449.6	5204.1	5891.3	6507.9	7065.4	7574.3	8030.0	8424.6	8767.5	9066.8
-15°	3582.1	4340.4	5089.1	5779.7	6397.9	6957.1	7465.8	7927.9	8329.3	8676.7	8982.6
-17.5°	3469.8	4212.3	4954.3	5649.0	6269.1	6830.5	7339.2	7806.4	8210.6	8560.9	8868.9
-20°	3341.2	4065.8	4800.3	5499.8	6119.4	6678.1	7184.8	7650.5	8064.5	8425.1	8740.2

Classified

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

Scaled Data Report



REPORT NUMBER: P645562 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6C-727-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°	3196.8	3901.3	4624.2	5314.9	5937.2	6499.6	7010.2	7476.8	7902.2	8274.7	8591.1
-25°	3048.3	3724.7	4424.6	5106.5	5736.6	6303.3	6818.5	7283.8	7709.0	8085.0	8414.8
-27.5°	2897.8	3532.0	4206.7	4879.3	5518.1	6083.5	6594.2	7059.8	7487.5	7879.2	8218.6
-30°	2734.8	3323.6	3971.4	4631.2	5258.7	5829.1	6346.8	6819.8	7244.9	7634.1	7984.2
-32.5°	2559.9	3102.7	3724.7	4357.0	4974.7	5557.8	6076.4	6543.5	6972.1	7366.0	7723.3
-35°	2390.3	2897.8	3464.9	4065.8	4672.3	5245.0	5768.1	6245.6	6676.7	7064.6	7424.4
-37.5°	2237.8	2681.0	3190.3	3762.7	4340.4	4903.7	5441.1	5910.2	6344.1	6743.9	7095.7
-40°	2077.1	2453.0	2931.8	3450.0	3992.7	4539.5	5059.1	5549.6	5981.9	6377.1	6743.9
-42.5°	1912.1	2267.3	2672.0	3123.6	3638.2	4150.7	4660.2	5137.4	5584.9	5981.9	6344.1
-45°	1765.6	2075.0	2412.0	2830.5	3273.1	3752.1	4230.3	4700.6	5137.4	5549.6	5910.2
-47.5°	1613.4	1884.3	2195.2	2527.7	2926.4	3348.3	3790.3	4230.3	4660.2	5059.1	5441.1
-50°	1464.3	1712.1	1971.2	2267.9	2591.2	2958.5	3348.3	3752.1	4150.7	4539.5	4903.7
-52.5°	1335.6	1534.5	1771.7	2019.4	2292.2	2591.2	2926.4	3273.1	3638.2	3992.7	4340.4
-55°	1203.2	1382.1	1574.1	1791.7	2019.4	2267.9	2527.7	2830.5	3123.6	3450.0	3762.7
-57.5°	1088.1	1234.1	1397.7	1574.1	1771.7	1971.2	2195.2	2412.0	2672.0	2931.8	3190.3
-60°	982.2	1099.8	1234.1	1382.1	1534.5	1712.1	1884.3	2075.0	2267.3	2453.0	2681.0
-62.5°	876.4	982.2	1088.1	1203.2	1335.6	1464.3	1613.4	1765.6	1912.1	2077.1	2237.8
-65°	779.3	866.2	958.9	1053.0	1144.7	1258.6	1371.7	1480.9	1609.6	1736.7	1857.9
-67.5°	680.6	759.0	835.6	912.5	995.0	1075.0	1152.5	1250.0	1344.2	1434.3	1526.4
-70°	576.4	649.5	718.4	784.9	849.5	914.6	983.4	1049.6	1113.1	1180.1	1256.0
-72.5°	470.0	534.1	596.7	657.7	714.6	769.4	822.3	873.3	926.0	979.0	1029.4
-75°	368.1	418.1	471.2	523.5	574.3	623.5	670.7	714.4	756.2	796.1	834.0
-77.5°	269.5	311.2	351.9	391.5	430.6	471.6	511.1	549.1	585.6	620.4	653.5
-80°	181.1	204.1	236.1	267.8	298.6	328.3	357.0	384.6	411.1	437.6	464.0
-82.5°	112.5	129.7	146.5	162.8	178.6	194.0	210.4	231.0	250.9	269.7	287.7
-85°	50.9	55.1	66.2	77.1	87.7	97.9	107.7	117.2	126.3	134.9	143.1
-87.5°	25.5	27.6	29.7	31.7	33.6	35.5	37.3	39.0	40.7	42.3	43.8
-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: P645562 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-727-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°	45.2	46.6	47.8	49.0	50.0	51.0	51.9	52.6	53.3	53.9	54.4
85°	150.8	158.1	164.9	171.2	177.0	182.3	187.1	191.3	195.0	198.1	200.6
82.5°	304.6	320.6	335.5	349.3	362.0	373.5	384.0	393.2	401.2	408.1	413.7
80°	488.9	512.4	534.3	554.6	573.3	590.4	605.7	619.3	631.2	641.3	649.5
77.5°	683.8	711.8	738.1	762.4	784.8	805.2	823.6	839.9	854.1	866.2	876.1
75°	870.0	905.1	940.9	974.2	1004.9	1032.8	1058.0	1080.3	1099.8	1116.3	1129.9
72.5°	1077.1	1122.1	1167.2	1218.5	1265.7	1308.8	1347.7	1382.1	1412.2	1437.8	1458.8
70°	1328.0	1395.8	1459.3	1524.1	1592.8	1655.5	1712.1	1762.3	1806.1	1843.4	1874.0
67.5°	1629.3	1726.3	1817.1	1901.6	1989.7	2075.0	2152.0	2220.4	2280.1	2330.9	2372.7
65°	1981.6	2111.6	2233.5	2347.0	2453.0	2576.9	2688.6	2788.1	2874.9	2948.8	3009.6
62.5°	2390.3	2559.9	2734.8	2897.8	3048.3	3196.8	3341.2	3469.8	3582.1	3677.7	3756.4
60°	2897.8	3102.7	3323.6	3532.0	3724.7	3901.3	4065.8	4212.3	4340.4	4449.6	4539.5
57.5°	3464.9	3724.7	3971.4	4206.7	4424.6	4624.2	4800.3	4954.3	5089.1	5204.1	5298.8
55°	4065.8	4357.0	4631.2	4879.3	5106.5	5314.9	5499.8	5649.0	5779.7	5891.3	5983.3
52.5°	4672.3	4974.7	5258.7	5518.1	5736.6	5937.2	6119.4	6269.1	6397.9	6507.9	6598.7
50°	5245.0	5557.8	5829.1	6083.5	6303.3	6499.6	6678.1	6830.5	6957.1	7065.4	7154.8
47.5°	5768.1	6076.4	6346.8	6594.2	6818.5	7010.2	7184.8	7339.2	7465.8	7574.3	7664.0
45°	6245.6	6543.5	6819.8	7059.8	7283.8	7476.8	7650.5	7806.4	7927.9	8030.0	8114.5
42.5°	6676.7	6972.1	7244.9	7487.5	7709.0	7902.2	8064.5	8210.6	8329.3	8424.6	8503.6
40°	7064.6	7366.0	7634.1	7879.2	8085.0	8274.7	8425.1	8560.9	8676.7	8767.5	8843.0
37.5°	7424.4	7723.3	7984.2	8218.6	8414.8	8591.1	8740.2	8868.9	8982.6	9066.8	9136.9
35°	7753.2	8037.2	8295.3	8510.2	8704.7	8870.8	9017.6	9136.3	9241.9	9322.1	9386.1
32.5°	8037.2	8318.8	8558.4	8769.9	8960.0	9114.9	9255.7	9364.4	9460.2	9537.4	9596.8
30°	8295.3	8558.4	8791.9	9001.5	9174.5	9325.5	9452.2	9558.4	9646.9	9720.5	9772.8
27.5°	8510.2	8769.9	9001.5	9194.6	9360.3	9505.6	9621.5	9723.7	9801.0	9868.8	9913.8
25°	8704.7	8960.0	9174.5	9360.3	9521.0	9653.7	9764.0	9856.7	9925.2	9983.3	10016.7
22.5°	8870.8	9114.9	9325.5	9505.6	9653.7	9777.7	9881.7	9960.1	10016.2	10051.4	10071.2
20°	9017.6	9255.7	9452.2	9621.5	9764.0	9881.7	9972.0	10030.0	10069.1	10078.7	10084.4
17.5°	9136.3	9364.4	9558.4	9723.7	9856.7	9960.1	10030.0	10070.9	10082.6	10080.5	10074.7
15°	9241.9	9460.2	9646.9	9801.0	9925.2	10016.2	10069.1	10082.6	10079.2	10067.4	10049.2
12.5°	9322.1	9537.4	9720.5	9868.8	9983.3	10051.4	10078.7	10080.5	10067.4	10044.8	10019.0
10°	9386.1	9596.8	9772.8	9913.8	10016.7	10071.2	10084.4	10074.7	10049.2	10019.0	9990.4
7.5°	9436.6	9644.0	9814.3	9949.6	10038.6	10077.3	10080.1	10062.0	10031.3	9997.0	9966.1
5°	9473.2	9678.1	9844.6	9975.8	10054.7	10081.7	10077.0	10051.9	10016.4	9980.5	9952.2
2.5°	9495.4	9698.9	9862.9	9991.7	10064.5	10084.5	10075.1	10045.6	10007.0	9970.0	9943.0
0°	9502.8	9705.8	9869.1	9997.1	10067.8	10085.4	10074.4	10043.5	10003.8	9966.3	9939.8
-2.5°	9495.4	9698.9	9862.9	9991.7	10064.5	10084.5	10075.1	10045.6	10007.0	9970.0	9943.0
-5°	9473.2	9678.1	9844.6	9975.8	10054.7	10081.7	10077.0	10051.9	10016.4	9980.5	9952.2
-7.5°	9436.6	9644.0	9814.3	9949.6	10038.6	10077.3	10080.1	10062.0	10031.3	9997.0	9966.1
-10°	9386.1	9596.8	9772.8	9913.8	10016.7	10071.2	10084.4	10074.7	10049.2	10019.0	9990.4
-12.5°	9322.1	9537.4	9720.5	9868.8	9983.3	10051.4	10078.7	10080.5	10067.4	10044.8	10019.0
-15°	9241.9	9460.2	9646.9	9801.0	9925.2	10016.2	10069.1	10082.6	10079.2	10067.4	10049.2
-17.5°	9136.3	9364.4	9558.4	9723.7	9856.7	9960.1	10030.0	10070.9	10082.6	10080.5	10074.7
-20°	9017.6	9255.7	9452.2	9621.5	9764.0	9881.7	9972.0	10030.0	10069.1	10078.7	10084.4



REPORT NUMBER: P645562 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-727-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	8870.8	9114.9	9325.5	9505.6	9653.7	9777.7	9881.7	9960.1	10016.2	10051.4	10071.2
-25°	8704.7	8960.0	9174.5	9360.3	9521.0	9653.7	9764.0	9856.7	9925.2	9983.3	10016.7
-27.5°	8510.2	8769.9	9001.5	9194.6	9360.3	9505.6	9621.5	9723.7	9801.0	9868.8	9913.8
-30°	8295.3	8558.4	8791.9	9001.5	9174.5	9325.5	9452.2	9558.4	9646.9	9720.5	9772.8
-32.5°	8037.2	8318.8	8558.4	8769.9	8960.0	9114.9	9255.7	9364.4	9460.2	9537.4	9596.8
-35°	7753.2	8037.2	8295.3	8510.2	8704.7	8870.8	9017.6	9136.3	9241.9	9322.1	9386.1
-37.5°	7424.4	7723.3	7984.2	8218.6	8414.8	8591.1	8740.2	8868.9	8982.6	9066.8	9136.9
-40°	7064.6	7366.0	7634.1	7879.2	8085.0	8274.7	8425.1	8560.9	8676.7	8767.5	8843.0
-42.5°	6676.7	6972.1	7244.9	7487.5	7709.0	7902.2	8064.5	8210.6	8329.3	8424.6	8503.6
-45°	6245.6	6543.5	6819.8	7059.8	7283.8	7476.8	7650.5	7806.4	7927.9	8030.0	8114.5
-47.5°	5768.1	6076.4	6346.8	6594.2	6818.5	7010.2	7184.8	7339.2	7465.8	7574.3	7664.0
-50°	5245.0	5557.8	5829.1	6083.5	6303.3	6499.6	6678.1	6830.5	6957.1	7065.4	7154.8
-52.5°	4672.3	4974.7	5258.7	5518.1	5736.6	5937.2	6119.4	6269.1	6397.9	6507.9	6598.7
-55°	4065.8	4357.0	4631.2	4879.3	5106.5	5314.9	5499.8	5649.0	5779.7	5891.3	5983.3
-57.5°	3464.9	3724.7	3971.4	4206.7	4424.6	4624.2	4800.3	4954.3	5089.1	5204.1	5298.8
-60°	2897.8	3102.7	3323.6	3532.0	3724.7	3901.3	4065.8	4212.3	4340.4	4449.6	4539.5
-62.5°	2390.3	2559.9	2734.8	2897.8	3048.3	3196.8	3341.2	3469.8	3582.1	3677.7	3756.4
-65°	1981.6	2111.6	2233.5	2347.0	2453.0	2576.9	2688.6	2788.1	2874.9	2948.8	3009.6
-67.5°	1629.3	1726.3	1817.1	1901.6	1989.7	2075.0	2152.0	2220.4	2280.1	2330.9	2372.7
-70°	1328.0	1395.8	1459.3	1524.1	1592.8	1655.5	1712.1	1762.3	1806.1	1843.4	1874.0
-72.5°	1077.1	1122.1	1167.2	1218.5	1265.7	1308.8	1347.7	1382.1	1412.2	1437.8	1458.8
-75°	870.0	905.1	940.9	974.2	1004.9	1032.8	1058.0	1080.3	1099.8	1116.3	1129.9
-77.5°	683.8	711.8	738.1	762.4	784.8	805.2	823.6	839.9	854.1	866.2	876.1
-80°	488.9	512.4	534.3	554.6	573.3	590.4	605.7	619.3	631.2	641.3	649.5
-82.5°	304.6	320.6	335.5	349.3	362.0	373.5	384.0	393.2	401.2	408.1	413.7
-85°	150.8	158.1	164.9	171.2	177.0	182.3	187.1	191.3	195.0	198.1	200.6
-87.5°	45.2	46.6	47.8	49.0	50.0	51.0	51.9	52.6	53.3	53.9	54.4
-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: P645562 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-727-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°	54.7	55.0	55.1	55.2	55.1	55.0	54.7	54.4	53.9	53.3	52.6
85°	202.6	204.1	204.9	205.2	204.9	204.1	202.6	200.6	198.1	195.0	191.3
82.5°	418.1	421.2	423.1	423.7	423.1	421.2	418.1	413.7	408.1	401.2	393.2
80°	656.0	660.6	663.4	664.3	663.4	660.6	656.0	649.5	641.3	631.2	619.3
77.5°	883.8	889.4	892.7	893.8	892.7	889.4	883.8	876.1	866.2	854.1	839.9
75°	1140.5	1148.1	1152.7	1154.2	1152.7	1148.1	1140.5	1129.9	1116.3	1099.8	1080.3
72.5°	1475.2	1486.9	1493.9	1496.3	1493.9	1486.9	1475.2	1458.8	1437.8	1412.2	1382.1
70°	1898.0	1915.1	1925.4	1928.8	1925.4	1915.1	1898.0	1874.0	1843.4	1806.1	1762.3
67.5°	2405.3	2428.7	2442.7	2447.4	2442.7	2428.7	2405.3	2372.7	2330.9	2280.1	2220.4
65°	3057.0	3091.0	3111.5	3118.3	3111.5	3091.0	3057.0	3009.6	2948.8	2874.9	2788.1
62.5°	3817.9	3862.0	3888.5	3897.3	3888.5	3862.0	3817.9	3756.4	3677.7	3582.1	3469.8
60°	4609.8	4660.2	4690.5	4700.6	4690.5	4660.2	4609.8	4539.5	4449.6	4340.4	4212.3
57.5°	5372.8	5426.0	5457.9	5468.6	5457.9	5426.0	5372.8	5298.8	5204.1	5089.1	4954.3
55°	6055.3	6106.9	6138.0	6148.4	6138.0	6106.9	6055.3	5983.3	5891.3	5779.7	5649.0
52.5°	6669.8	6720.9	6751.6	6761.9	6751.6	6720.9	6669.8	6598.7	6507.9	6397.9	6269.1
50°	7224.9	7275.3	7305.7	7315.8	7305.7	7275.3	7224.9	7154.8	7065.4	6957.1	6830.5
47.5°	7734.3	7784.9	7815.4	7825.6	7815.4	7784.9	7734.3	7664.0	7574.3	7465.8	7339.2
45°	8180.8	8228.6	8257.4	8267.0	8257.4	8228.6	8180.8	8114.5	8030.0	7927.9	7806.4
42.5°	8565.7	8610.5	8637.5	8646.5	8637.5	8610.5	8565.7	8503.6	8424.6	8329.3	8210.6
40°	8902.4	8945.3	8971.1	8979.8	8971.1	8945.3	8902.4	8843.0	8767.5	8676.7	8560.9
37.5°	9192.3	9232.2	9256.4	9264.5	9256.4	9232.2	9192.3	9136.9	9066.8	8982.6	8868.9
35°	9436.6	9473.2	9495.4	9502.8	9495.4	9473.2	9436.6	9386.1	9322.1	9241.9	9136.3
32.5°	9644.0	9678.1	9698.9	9705.8	9698.9	9678.1	9644.0	9596.8	9537.4	9460.2	9364.4
30°	9814.3	9844.6	9862.9	9869.1	9862.9	9844.6	9814.3	9772.8	9720.5	9646.9	9558.4
27.5°	9949.6	9975.8	9991.7	9997.1	9991.7	9975.8	9949.6	9913.8	9868.8	9801.0	9723.7
25°	10038.6	10054.7	10064.5	10067.8	10064.5	10054.7	10038.6	10016.7	9983.3	9925.2	9856.7
22.5°	10077.3	10081.7	10084.5	10085.4	10084.5	10081.7	10077.3	10071.2	10051.4	10016.2	9960.1
20°	10080.1	10077.0	10075.1	10074.4	10075.1	10077.0	10080.1	10084.4	10078.7	10069.1	10030.0
17.5°	10062.0	10051.9	10045.6	10043.5	10045.6	10051.9	10062.0	10074.7	10080.5	10082.6	10070.9
15°	10031.3	10016.4	10007.0	10003.8	10007.0	10016.4	10031.3	10049.2	10067.4	10079.2	10082.6
12.5°	9997.0	9980.5	9970.0	9966.3	9970.0	9980.5	9997.0	10019.0	10044.8	10067.4	10080.5
10°	9966.1	9952.2	9943.0	9939.8	9943.0	9952.2	9966.1	9990.4	10019.0	10049.2	10074.7
7.5°	9946.1	9933.6	9926.8	9924.3	9926.8	9933.6	9946.1	9966.1	9997.0	10031.3	10062.0
5°	9933.6	9921.2	9910.8	9906.7	9910.8	9921.2	9933.6	9952.2	9980.5	10016.4	10051.9
2.5°	9926.8	9910.8	9895.0	9886.8	9895.0	9910.8	9926.8	9943.0	9970.0	10007.0	10045.6
0°	9924.3	9906.7	9886.8	9889.0	9886.8	9906.7	9924.3	9939.8	9966.3	10003.8	10043.5
-2.5°	9926.8	9910.8	9895.0	9886.8	9895.0	9910.8	9926.8	9943.0	9970.0	10007.0	10045.6
-5°	9933.6	9921.2	9910.8	9906.7	9910.8	9921.2	9933.6	9952.2	9980.5	10016.4	10051.9
-7.5°	9946.1	9933.6	9926.8	9924.3	9926.8	9933.6	9946.1	9966.1	9997.0	10031.3	10062.0
-10°	9966.1	9952.2	9943.0	9939.8	9943.0	9952.2	9966.1	9990.4	10019.0	10049.2	10074.7
-12.5°	9997.0	9980.5	9970.0	9966.3	9970.0	9980.5	9997.0	10019.0	10044.8	10067.4	10080.5
-15°	10031.3	10016.4	10007.0	10003.8	10007.0	10016.4	10031.3	10049.2	10067.4	10079.2	10082.6
-17.5°	10062.0	10051.9	10045.6	10043.5	10045.6	10051.9	10062.0	10074.7	10080.5	10082.6	10070.9
-20°	10080.1	10077.0	10075.1	10074.4	10075.1	10077.0	10080.1	10084.4	10078.7	10069.1	10030.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645562 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6C-727-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°	10077.3	10081.7	10084.5	10085.4	10084.5	10081.7	10077.3	10071.2	10051.4	10016.2	9960.1
-25°	10038.6	10054.7	10064.5	10067.8	10064.5	10054.7	10038.6	10016.7	9983.3	9925.2	9856.7
-27.5°	9949.6	9975.8	9991.7	9997.1	9991.7	9975.8	9949.6	9913.8	9868.8	9801.0	9723.7
-30°	9814.3	9844.6	9862.9	9869.1	9862.9	9844.6	9814.3	9772.8	9720.5	9646.9	9558.4
-32.5°	9644.0	9678.1	9698.9	9705.8	9698.9	9678.1	9644.0	9596.8	9537.4	9460.2	9364.4
-35°	9436.6	9473.2	9495.4	9502.8	9495.4	9473.2	9436.6	9386.1	9322.1	9241.9	9136.3
-37.5°	9192.3	9232.2	9256.4	9264.5	9256.4	9232.2	9192.3	9136.9	9066.8	8982.6	8868.9
-40°	8902.4	8945.3	8971.1	8979.8	8971.1	8945.3	8902.4	8843.0	8767.5	8676.7	8560.9
-42.5°	8565.7	8610.5	8637.5	8646.5	8637.5	8610.5	8565.7	8503.6	8424.6	8329.3	8210.6
-45°	8180.8	8228.6	8257.4	8267.0	8257.4	8228.6	8180.8	8114.5	8030.0	7927.9	7806.4
-47.5°	7734.3	7784.9	7815.4	7825.6	7815.4	7784.9	7734.3	7664.0	7574.3	7465.8	7339.2
-50°	7224.9	7275.3	7305.7	7315.8	7305.7	7275.3	7224.9	7154.8	7065.4	6957.1	6830.5
-52.5°	6669.8	6720.9	6751.6	6761.9	6751.6	6720.9	6669.8	6598.7	6507.9	6397.9	6269.1
-55°	6055.3	6106.9	6138.0	6148.4	6138.0	6106.9	6055.3	5983.3	5891.3	5779.7	5649.0
-57.5°	5372.8	5426.0	5457.9	5468.6	5457.9	5426.0	5372.8	5298.8	5204.1	5089.1	4954.3
-60°	4609.8	4660.2	4690.5	4700.6	4690.5	4660.2	4609.8	4539.5	4449.6	4340.4	4212.3
-62.5°	3817.9	3862.0	3888.5	3897.3	3888.5	3862.0	3817.9	3756.4	3677.7	3582.1	3469.8
-65°	3057.0	3091.0	3111.5	3118.3	3111.5	3091.0	3057.0	3009.6	2948.8	2874.9	2788.1
-67.5°	2405.3	2428.7	2442.7	2447.4	2442.7	2428.7	2405.3	2372.7	2330.9	2280.1	2220.4
-70°	1898.0	1915.1	1925.4	1928.8	1925.4	1915.1	1898.0	1874.0	1843.4	1806.1	1762.3
-72.5°	1475.2	1486.9	1493.9	1496.3	1493.9	1486.9	1475.2	1458.8	1437.8	1412.2	1382.1
-75°	1140.5	1148.1	1152.7	1154.2	1152.7	1148.1	1140.5	1129.9	1116.3	1099.8	1080.3
-77.5°	883.8	889.4	892.7	893.8	892.7	889.4	883.8	876.1	866.2	854.1	839.9
-80°	656.0	660.6	663.4	664.3	663.4	660.6	656.0	649.5	641.3	631.2	619.3
-82.5°	418.1	421.2	423.1	423.7	423.1	421.2	418.1	413.7	408.1	401.2	393.2
-85°	202.6	204.1	204.9	205.2	204.9	204.1	202.6	200.6	198.1	195.0	191.3
-87.5°	54.7	55.0	55.1	55.2	55.1	55.0	54.7	54.4	53.9	53.3	52.6
-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: P645562 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-727-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°	51.9	51.0	50.0	49.0	47.8	46.6	45.2	43.8	42.3	40.7	39.0
85°	187.1	182.3	177.0	171.2	164.9	158.1	150.8	143.1	134.9	126.3	117.2
82.5°	384.0	373.5	362.0	349.3	335.5	320.6	304.6	287.7	269.7	250.9	231.0
80°	605.7	590.4	573.3	554.6	534.3	512.4	488.9	464.0	437.6	411.1	384.6
77.5°	823.6	805.2	784.8	762.4	738.1	711.8	683.8	653.5	620.4	585.6	549.1
75°	1058.0	1032.8	1004.9	974.2	940.9	905.1	870.0	834.0	796.1	756.2	714.4
72.5°	1347.7	1308.8	1265.7	1218.5	1167.2	1122.1	1077.1	1029.4	979.0	926.0	873.3
70°	1712.1	1655.5	1592.8	1524.1	1459.3	1395.8	1328.0	1256.0	1180.1	1113.1	1049.6
67.5°	2152.0	2075.0	1989.7	1901.6	1817.1	1726.3	1629.3	1526.4	1434.3	1344.2	1250.0
65°	2688.6	2576.9	2453.0	2347.0	2233.5	2111.6	1981.6	1857.9	1736.7	1609.6	1480.9
62.5°	3341.2	3196.8	3048.3	2897.8	2734.8	2559.9	2390.3	2237.8	2077.1	1912.1	1765.6
60°	4065.8	3901.3	3724.7	3532.0	3323.6	3102.7	2897.8	2681.0	2453.0	2267.3	2075.0
57.5°	4800.3	4624.2	4424.6	4206.7	3971.4	3724.7	3464.9	3190.3	2931.8	2672.0	2412.0
55°	5499.8	5314.9	5106.5	4879.3	4631.2	4357.0	4065.8	3762.7	3450.0	3123.6	2830.5
52.5°	6119.4	5937.2	5736.6	5518.1	5258.7	4974.7	4672.3	4340.4	3992.7	3638.2	3273.1
50°	6678.1	6499.6	6303.3	6083.5	5829.1	5557.8	5245.0	4903.7	4539.5	4150.7	3752.1
47.5°	7184.8	7010.2	6818.5	6594.2	6346.8	6076.4	5768.1	5441.1	5059.1	4660.2	4230.3
45°	7650.5	7476.8	7283.8	7059.8	6819.8	6543.5	6245.6	5910.2	5549.6	5137.4	4700.6
42.5°	8064.5	7902.2	7709.0	7487.5	7244.9	6972.1	6676.7	6344.1	5981.9	5584.9	5137.4
40°	8425.1	8274.7	8085.0	7879.2	7634.1	7366.0	7064.6	6743.9	6377.1	5981.9	5549.6
37.5°	8740.2	8591.1	8414.8	8218.6	7984.2	7723.3	7424.4	7095.7	6743.9	6344.1	5910.2
35°	9017.6	8870.8	8704.7	8510.2	8295.3	8037.2	7753.2	7424.4	7064.6	6676.7	6245.6
32.5°	9255.7	9114.9	8960.0	8769.9	8558.4	8318.8	8037.2	7723.3	7366.0	6972.1	6543.5
30°	9452.2	9325.5	9174.5	9001.5	8791.9	8558.4	8295.3	7984.2	7634.1	7244.9	6819.8
27.5°	9621.5	9505.6	9360.3	9194.6	9001.5	8769.9	8510.2	8218.6	7879.2	7487.5	7059.8
25°	9764.0	9653.7	9521.0	9360.3	9174.5	8960.0	8704.7	8414.8	8085.0	7709.0	7283.8
22.5°	9881.7	9777.7	9653.7	9505.6	9325.5	9114.9	8870.8	8591.1	8274.7	7902.2	7476.8
20°	9972.0	9881.7	9764.0	9621.5	9452.2	9255.7	9017.6	8740.2	8425.1	8064.5	7650.5
17.5°	10030.0	9960.1	9856.7	9723.7	9558.4	9364.4	9136.3	8868.9	8560.9	8210.6	7806.4
15°	10069.1	10016.2	9925.2	9801.0	9646.9	9460.2	9241.9	8982.6	8676.7	8329.3	7927.9
12.5°	10078.7	10051.4	9983.3	9868.8	9720.5	9537.4	9322.1	9066.8	8767.5	8424.6	8030.0
10°	10084.4	10071.2	10016.7	9913.8	9772.8	9596.8	9386.1	9136.9	8843.0	8503.6	8114.5
7.5°	10080.1	10077.3	10038.6	9949.6	9814.3	9644.0	9436.6	9192.3	8902.4	8565.7	8180.8
5°	10077.0	10081.7	10054.7	9975.8	9844.6	9678.1	9473.2	9232.2	8945.3	8610.5	8228.6
2.5°	10075.1	10084.5	10064.5	9991.7	9862.9	9698.9	9495.4	9256.4	8971.1	8637.5	8257.4
0°	10074.4	10085.4	10067.8	9997.1	9869.1	9705.8	9502.8	9264.5	8979.8	8646.5	8267.0
-2.5°	10075.1	10084.5	10064.5	9991.7	9862.9	9698.9	9495.4	9256.4	8971.1	8637.5	8257.4
-5°	10077.0	10081.7	10054.7	9975.8	9844.6	9678.1	9473.2	9232.2	8945.3	8610.5	8228.6
-7.5°	10080.1	10077.3	10038.6	9949.6	9814.3	9644.0	9436.6	9192.3	8902.4	8565.7	8180.8
-10°	10084.4	10071.2	10016.7	9913.8	9772.8	9596.8	9386.1	9136.9	8843.0	8503.6	8114.5
-12.5°	10078.7	10051.4	9983.3	9868.8	9720.5	9537.4	9322.1	9066.8	8767.5	8424.6	8030.0
-15°	10069.1	10016.2	9925.2	9801.0	9646.9	9460.2	9241.9	8982.6	8676.7	8329.3	7927.9
-17.5°	10030.0	9960.1	9856.7	9723.7	9558.4	9364.4	9136.3	8868.9	8560.9	8210.6	7806.4
-20°	9972.0	9881.7	9764.0	9621.5	9452.2	9255.7	9017.6	8740.2	8425.1	8064.5	7650.5



REPORT NUMBER: P645562 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-727-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	9881.7	9777.7	9653.7	9505.6	9325.5	9114.9	8870.8	8591.1	8274.7	7902.2	7476.8
-25°	9764.0	9653.7	9521.0	9360.3	9174.5	8960.0	8704.7	8414.8	8085.0	7709.0	7283.8
-27.5°	9621.5	9505.6	9360.3	9194.6	9001.5	8769.9	8510.2	8218.6	7879.2	7487.5	7059.8
-30°	9452.2	9325.5	9174.5	9001.5	8791.9	8558.4	8295.3	7984.2	7634.1	7244.9	6819.8
-32.5°	9255.7	9114.9	8960.0	8769.9	8558.4	8318.8	8037.2	7723.3	7366.0	6972.1	6543.5
-35°	9017.6	8870.8	8704.7	8510.2	8295.3	8037.2	7753.2	7424.4	7064.6	6676.7	6245.6
-37.5°	8740.2	8591.1	8414.8	8218.6	7984.2	7723.3	7424.4	7095.7	6743.9	6344.1	5910.2
-40°	8425.1	8274.7	8085.0	7879.2	7634.1	7366.0	7064.6	6743.9	6377.1	5981.9	5549.6
-42.5°	8064.5	7902.2	7709.0	7487.5	7244.9	6972.1	6676.7	6344.1	5981.9	5584.9	5137.4
-45°	7650.5	7476.8	7283.8	7059.8	6819.8	6543.5	6245.6	5910.2	5549.6	5137.4	4700.6
-47.5°	7184.8	7010.2	6818.5	6594.2	6346.8	6076.4	5768.1	5441.1	5059.1	4660.2	4230.3
-50°	6678.1	6499.6	6303.3	6083.5	5829.1	5557.8	5245.0	4903.7	4539.5	4150.7	3752.1
-52.5°	6119.4	5937.2	5736.6	5518.1	5258.7	4974.7	4672.3	4340.4	3992.7	3638.2	3273.1
-55°	5499.8	5314.9	5106.5	4879.3	4631.2	4357.0	4065.8	3762.7	3450.0	3123.6	2830.5
-57.5°	4800.3	4624.2	4424.6	4206.7	3971.4	3724.7	3464.9	3190.3	2931.8	2672.0	2412.0
-60°	4065.8	3901.3	3724.7	3532.0	3323.6	3102.7	2897.8	2681.0	2453.0	2267.3	2075.0
-62.5°	3341.2	3196.8	3048.3	2897.8	2734.8	2559.9	2390.3	2237.8	2077.1	1912.1	1765.6
-65°	2688.6	2576.9	2453.0	2347.0	2233.5	2111.6	1981.6	1857.9	1736.7	1609.6	1480.9
-67.5°	2152.0	2075.0	1989.7	1901.6	1817.1	1726.3	1629.3	1526.4	1434.3	1344.2	1250.0
-70°	1712.1	1655.5	1592.8	1524.1	1459.3	1395.8	1328.0	1256.0	1180.1	1113.1	1049.6
-72.5°	1347.7	1308.8	1265.7	1218.5	1167.2	1122.1	1077.1	1029.4	979.0	926.0	873.3
-75°	1058.0	1032.8	1004.9	974.2	940.9	905.1	870.0	834.0	796.1	756.2	714.4
-77.5°	823.6	805.2	784.8	762.4	738.1	711.8	683.8	653.5	620.4	585.6	549.1
-80°	605.7	590.4	573.3	554.6	534.3	512.4	488.9	464.0	437.6	411.1	384.6
-82.5°	384.0	373.5	362.0	349.3	335.5	320.6	304.6	287.7	269.7	250.9	231.0
-85°	187.1	182.3	177.0	171.2	164.9	158.1	150.8	143.1	134.9	126.3	117.2
-87.5°	51.9	51.0	50.0	49.0	47.8	46.6	45.2	43.8	42.3	40.7	39.0
-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: P645562 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-727-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°	37.3	35.5	33.6	31.7	29.7	27.6	25.5	23.3	21.1	18.9	16.6
85°	107.7	97.9	87.7	77.1	66.2	55.1	50.9	46.6	42.2	37.7	33.2
82.5°	210.4	194.0	178.6	162.8	146.5	129.7	112.5	94.9	77.0	58.7	49.7
80°	357.0	328.3	298.6	267.8	236.1	204.1	181.1	157.7	133.8	109.5	84.8
77.5°	511.1	471.6	430.6	391.5	351.9	311.2	269.5	226.9	190.3	159.9	129.1
75°	670.7	623.5	574.3	523.5	471.2	418.1	368.1	317.0	265.0	212.1	173.0
72.5°	822.3	769.4	714.6	657.7	596.7	534.1	470.0	406.3	345.7	284.1	221.6
70°	983.4	914.6	849.5	784.9	718.4	649.5	576.4	501.7	425.7	355.3	284.1
67.5°	1152.5	1075.0	995.0	912.5	835.6	759.0	680.6	597.6	512.3	425.7	345.7
65°	1371.7	1258.6	1144.7	1053.0	958.9	866.2	779.3	690.8	597.6	501.7	406.3
62.5°	1613.4	1464.3	1335.6	1203.2	1088.1	982.2	876.4	779.3	680.6	576.4	470.0
60°	1884.3	1712.1	1534.5	1382.1	1234.1	1099.8	982.2	866.2	759.0	649.5	534.1
57.5°	2195.2	1971.2	1771.7	1574.1	1397.7	1234.1	1088.1	958.9	835.6	718.4	596.7
55°	2527.7	2267.9	2019.4	1791.7	1574.1	1382.1	1203.2	1053.0	912.5	784.9	657.7
52.5°	2926.4	2591.2	2292.2	2019.4	1771.7	1534.5	1335.6	1144.7	995.0	849.5	714.6
50°	3348.3	2958.5	2591.2	2267.9	1971.2	1712.1	1464.3	1258.6	1075.0	914.6	769.4
47.5°	3790.3	3348.3	2926.4	2527.7	2195.2	1884.3	1613.4	1371.7	1152.5	983.4	822.3
45°	4230.3	3752.1	3273.1	2830.5	2412.0	2075.0	1765.6	1480.9	1250.0	1049.6	873.3
42.5°	4660.2	4150.7	3638.2	3123.6	2672.0	2267.3	1912.1	1609.6	1344.2	1113.1	926.0
40°	5059.1	4539.5	3992.7	3450.0	2931.8	2453.0	2077.1	1736.7	1434.3	1180.1	979.0
37.5°	5441.1	4903.7	4340.4	3762.7	3190.3	2681.0	2237.8	1857.9	1526.4	1256.0	1029.4
35°	5768.1	5245.0	4672.3	4065.8	3464.9	2897.8	2390.3	1981.6	1629.3	1328.0	1077.1
32.5°	6076.4	5557.8	4974.7	4357.0	3724.7	3102.7	2559.9	2111.6	1726.3	1395.8	1122.1
30°	6346.8	5829.1	5258.7	4631.2	3971.4	3323.6	2734.8	2233.5	1817.1	1459.3	1167.2
27.5°	6594.2	6083.5	5518.1	4879.3	4206.7	3532.0	2897.8	2347.0	1901.6	1524.1	1218.5
25°	6818.5	6303.3	5736.6	5106.5	4424.6	3724.7	3048.3	2453.0	1989.7	1592.8	1265.7
22.5°	7010.2	6499.6	5937.2	5314.9	4624.2	3901.3	3196.8	2576.9	2075.0	1655.5	1308.8
20°	7184.8	6678.1	6119.4	5499.8	4800.3	4065.8	3341.2	2688.6	2152.0	1712.1	1347.7
17.5°	7339.2	6830.5	6269.1	5649.0	4954.3	4212.3	3469.8	2788.1	2220.4	1762.3	1382.1
15°	7465.8	6957.1	6397.9	5779.7	5089.1	4340.4	3582.1	2874.9	2280.1	1806.1	1412.2
12.5°	7574.3	7065.4	6507.9	5891.3	5204.1	4449.6	3677.7	2948.8	2330.9	1843.4	1437.8
10°	7664.0	7154.8	6598.7	5983.3	5298.8	4539.5	3756.4	3009.6	2372.7	1874.0	1458.8
7.5°	7734.3	7224.9	6669.8	6055.3	5372.8	4609.8	3817.9	3057.0	2405.3	1898.0	1475.2
5°	7784.9	7275.3	6720.9	6106.9	5426.0	4660.2	3862.0	3091.0	2428.7	1915.1	1486.9
2.5°	7815.4	7305.7	6751.6	6138.0	5457.9	4690.5	3888.5	3111.5	2442.7	1925.4	1493.9
0°	7825.6	7315.8	6761.9	6148.4	5468.6	4700.6	3897.3	3118.3	2447.4	1928.8	1496.3
-2.5°	7815.4	7305.7	6751.6	6138.0	5457.9	4690.5	3888.5	3111.5	2442.7	1925.4	1493.9
-5°	7784.9	7275.3	6720.9	6106.9	5426.0	4660.2	3862.0	3091.0	2428.7	1915.1	1486.9
-7.5°	7734.3	7224.9	6669.8	6055.3	5372.8	4609.8	3817.9	3057.0	2405.3	1898.0	1475.2
-10°	7664.0	7154.8	6598.7	5983.3	5298.8	4539.5	3756.4	3009.6	2372.7	1874.0	1458.8
-12.5°	7574.3	7065.4	6507.9	5891.3	5204.1	4449.6	3677.7	2948.8	2330.9	1843.4	1437.8
-15°	7465.8	6957.1	6397.9	5779.7	5089.1	4340.4	3582.1	2874.9	2280.1	1806.1	1412.2
-17.5°	7339.2	6830.5	6269.1	5649.0	4954.3	4212.3	3469.8	2788.1	2220.4	1762.3	1382.1
-20°	7184.8	6678.1	6119.4	5499.8	4800.3	4065.8	3341.2	2688.6	2152.0	1712.1	1347.7



REPORT NUMBER: P645562 (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°	7010.2	6499.6	5937.2	5314.9	4624.2	3901.3	3196.8	2576.9	2075.0	1655.5	1308.8
-25°	6818.5	6303.3	5736.6	5106.5	4424.6	3724.7	3048.3	2453.0	1989.7	1592.8	1265.7
-27.5°	6594.2	6083.5	5518.1	4879.3	4206.7	3532.0	2897.8	2347.0	1901.6	1524.1	1218.5
-30°	6346.8	5829.1	5258.7	4631.2	3971.4	3323.6	2734.8	2233.5	1817.1	1459.3	1167.2
-32.5°	6076.4	5557.8	4974.7	4357.0	3724.7	3102.7	2559.9	2111.6	1726.3	1395.8	1122.1
-35°	5768.1	5245.0	4672.3	4065.8	3464.9	2897.8	2390.3	1981.6	1629.3	1328.0	1077.1
-37.5°	5441.1	4903.7	4340.4	3762.7	3190.3	2681.0	2237.8	1857.9	1526.4	1256.0	1029.4
-40°	5059.1	4539.5	3992.7	3450.0	2931.8	2453.0	2077.1	1736.7	1434.3	1180.1	979.0
-42.5°	4660.2	4150.7	3638.2	3123.6	2672.0	2267.3	1912.1	1609.6	1344.2	1113.1	926.0
-45°	4230.3	3752.1	3273.1	2830.5	2412.0	2075.0	1765.6	1480.9	1250.0	1049.6	873.3
-47.5°	3790.3	3348.3	2926.4	2527.7	2195.2	1884.3	1613.4	1371.7	1152.5	983.4	822.3
-50°	3348.3	2958.5	2591.2	2267.9	1971.2	1712.1	1464.3	1258.6	1075.0	914.6	769.4
-52.5°	2926.4	2591.2	2292.2	2019.4	1771.7	1534.5	1335.6	1144.7	995.0	849.5	714.6
-55°	2527.7	2267.9	2019.4	1791.7	1574.1	1382.1	1203.2	1053.0	912.5	784.9	657.7
-57.5°	2195.2	1971.2	1771.7	1574.1	1397.7	1234.1	1088.1	958.9	835.6	718.4	596.7
-60°	1884.3	1712.1	1534.5	1382.1	1234.1	1099.8	982.2	866.2	759.0	649.5	534.1
-62.5°	1613.4	1464.3	1335.6	1203.2	1088.1	982.2	876.4	779.3	680.6	576.4	470.0
-65°	1371.7	1258.6	1144.7	1053.0	958.9	866.2	779.3	690.8	597.6	501.7	406.3
-67.5°	1152.5	1075.0	995.0	912.5	835.6	759.0	680.6	597.6	512.3	425.7	345.7
-70°	983.4	914.6	849.5	784.9	718.4	649.5	576.4	501.7	425.7	355.3	284.1
-72.5°	822.3	769.4	714.6	657.7	596.7	534.1	470.0	406.3	345.7	284.1	221.6
-75°	670.7	623.5	574.3	523.5	471.2	418.1	368.1	317.0	265.0	212.1	173.0
-77.5°	511.1	471.6	430.6	391.5	351.9	311.2	269.5	226.9	190.3	159.9	129.1
-80°	357.0	328.3	298.6	267.8	236.1	204.1	181.1	157.7	133.8	109.5	84.8
-82.5°	210.4	194.0	178.6	162.8	146.5	129.7	112.5	94.9	77.0	58.7	49.7
-85°	107.7	97.9	87.7	77.1	66.2	55.1	50.9	46.6	42.2	37.7	33.2
-87.5°	37.3	35.5	33.6	31.7	29.7	27.6	25.5	23.3	21.1	18.9	16.6
-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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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



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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°	14.3	11.9	9.6	7.2	4.8	2.4	0.0
85°	28.5	23.9	19.1	14.4	9.6	4.8	0.0
82.5°	42.7	35.7	28.7	21.6	14.4	7.2	0.0
80°	59.8	47.6	38.2	28.7	19.1	9.6	0.0
77.5°	97.9	66.3	47.6	35.7	23.9	11.9	0.0
75°	135.7	97.9	59.8	42.7	28.5	14.3	0.0
72.5°	173.0	129.1	84.8	49.7	33.2	16.6	0.0
70°	212.1	159.9	109.5	58.7	37.7	18.9	0.0
67.5°	265.0	190.3	133.8	77.0	42.2	21.1	0.0
65°	317.0	226.9	157.7	94.9	46.6	23.3	0.0
62.5°	368.1	269.5	181.1	112.5	50.9	25.5	0.0
60°	418.1	311.2	204.1	129.7	55.1	27.6	0.0
57.5°	471.2	351.9	236.1	146.5	66.2	29.7	0.0
55°	523.5	391.5	267.8	162.8	77.1	31.7	0.0
52.5°	574.3	430.6	298.6	178.6	87.7	33.6	0.0
50°	623.5	471.6	328.3	194.0	97.9	35.5	0.0
47.5°	670.7	511.1	357.0	210.4	107.7	37.3	0.0
45°	714.4	549.1	384.6	231.0	117.2	39.0	0.0
42.5°	756.2	585.6	411.1	250.9	126.3	40.7	0.0
40°	796.1	620.4	437.6	269.7	134.9	42.3	0.0
37.5°	834.0	653.5	464.0	287.7	143.1	43.8	0.0
35°	870.0	683.8	488.9	304.6	150.8	45.2	0.0
32.5°	905.1	711.8	512.4	320.6	158.1	46.6	0.0
30°	940.9	738.1	534.3	335.5	164.9	47.8	0.0
27.5°	974.2	762.4	554.6	349.3	171.2	49.0	0.0
25°	1004.9	784.8	573.3	362.0	177.0	50.0	0.0
22.5°	1032.8	805.2	590.4	373.5	182.3	51.0	0.0
20°	1058.0	823.6	605.7	384.0	187.1	51.9	0.0
17.5°	1080.3	839.9	619.3	393.2	191.3	52.6	0.0
15°	1099.8	854.1	631.2	401.2	195.0	53.3	0.0
12.5°	1116.3	866.2	641.3	408.1	198.1	53.9	0.0
10°	1129.9	876.1	649.5	413.7	200.6	54.4	0.0
7.5°	1140.5	883.8	656.0	418.1	202.6	54.7	0.0
5°	1148.1	889.4	660.6	421.2	204.1	55.0	0.0
2.5°	1152.7	892.7	663.4	423.1	204.9	55.1	0.0
0°	1154.2	893.8	664.3	423.7	205.2	55.2	0.0
-2.5°	1152.7	892.7	663.4	423.1	204.9	55.1	0.0
-5°	1148.1	889.4	660.6	421.2	204.1	55.0	0.0
-7.5°	1140.5	883.8	656.0	418.1	202.6	54.7	0.0
-10°	1129.9	876.1	649.5	413.7	200.6	54.4	0.0
-12.5°	1116.3	866.2	641.3	408.1	198.1	53.9	0.0
-15°	1099.8	854.1	631.2	401.2	195.0	53.3	0.0
-17.5°	1080.3	839.9	619.3	393.2	191.3	52.6	0.0
-20°	1058.0	823.6	605.7	384.0	187.1	51.9	0.0

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REPORT NUMBER: P645562 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	1032.8	805.2	590.4	373.5	182.3	51.0	0.0
-25°	1004.9	784.8	573.3	362.0	177.0	50.0	0.0
-27.5°	974.2	762.4	554.6	349.3	171.2	49.0	0.0
-30°	940.9	738.1	534.3	335.5	164.9	47.8	0.0
-32.5°	905.1	711.8	512.4	320.6	158.1	46.6	0.0
-35°	870.0	683.8	488.9	304.6	150.8	45.2	0.0
-37.5°	834.0	653.5	464.0	287.7	143.1	43.8	0.0
-40°	796.1	620.4	437.6	269.7	134.9	42.3	0.0
-42.5°	756.2	585.6	411.1	250.9	126.3	40.7	0.0
-45°	714.4	549.1	384.6	231.0	117.2	39.0	0.0
-47.5°	670.7	511.1	357.0	210.4	107.7	37.3	0.0
-50°	623.5	471.6	328.3	194.0	97.9	35.5	0.0
-52.5°	574.3	430.6	298.6	178.6	87.7	33.6	0.0
-55°	523.5	391.5	267.8	162.8	77.1	31.7	0.0
-57.5°	471.2	351.9	236.1	146.5	66.2	29.7	0.0
-60°	418.1	311.2	204.1	129.7	55.1	27.6	0.0
-62.5°	368.1	269.5	181.1	112.5	50.9	25.5	0.0
-65°	317.0	226.9	157.7	94.9	46.6	23.3	0.0
-67.5°	265.0	190.3	133.8	77.0	42.2	21.1	0.0
-70°	212.1	159.9	109.5	58.7	37.7	18.9	0.0
-72.5°	173.0	129.1	84.8	49.7	33.2	16.6	0.0
-75°	135.7	97.9	59.8	42.7	28.5	14.3	0.0
-77.5°	97.9	66.3	47.6	35.7	23.9	11.9	0.0
-80°	59.8	47.6	38.2	28.7	19.1	9.6	0.0
-82.5°	42.7	35.7	28.7	21.6	14.4	7.2	0.0
-85°	28.5	23.9	19.1	14.4	9.6	4.8	0.0
-87.5°	14.3	11.9	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)