

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: P645550 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA6B-727-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645550 (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-727-U-LAM-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, LAMBERTIAN
Light Source: (96) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

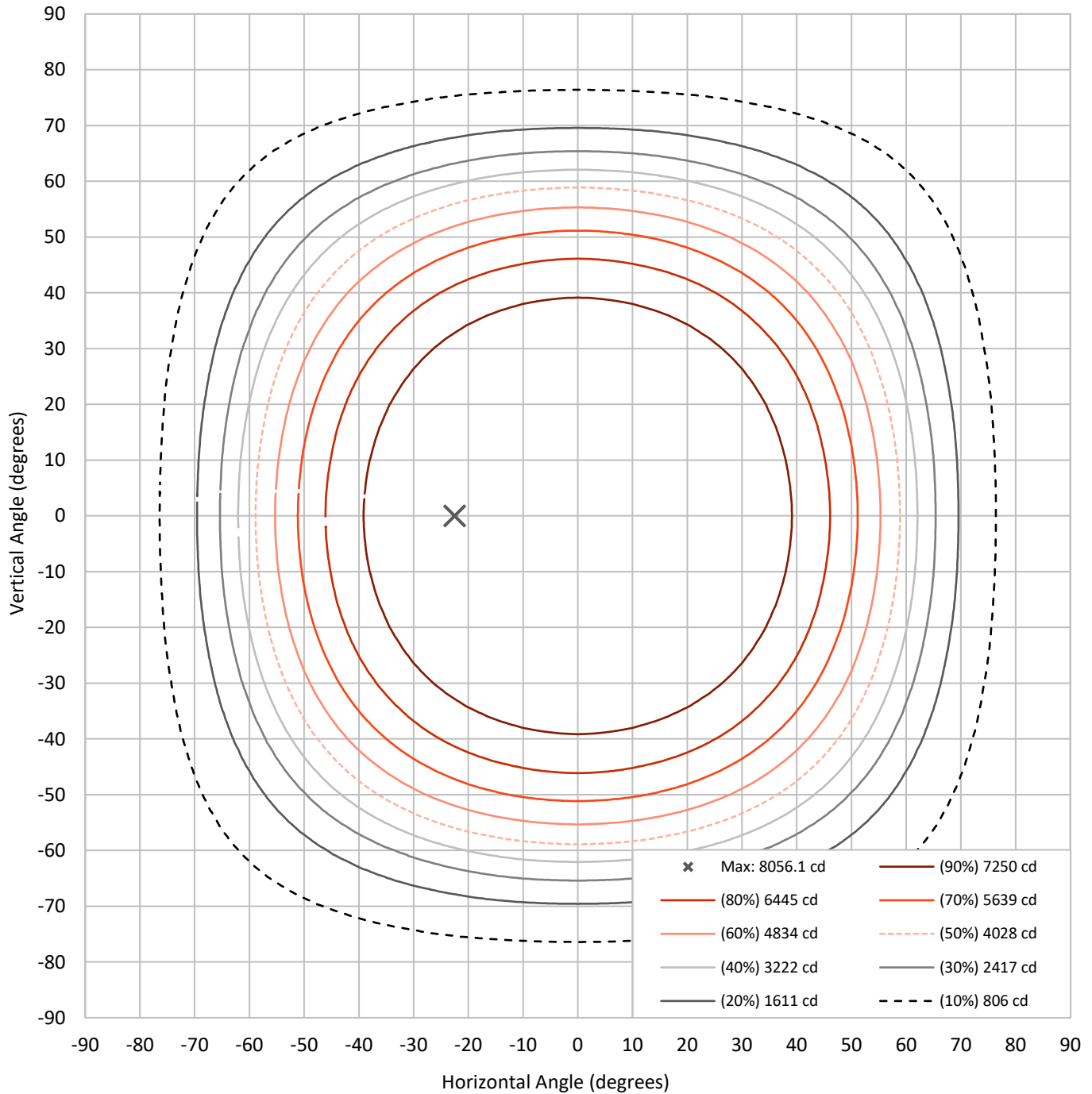
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	24644.2 lumens	Max Intensity:	8056.1 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	129.3 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:	20509.3 lumens	Field Lumens:	24159.5 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		



REPORT NUMBER: P645550 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





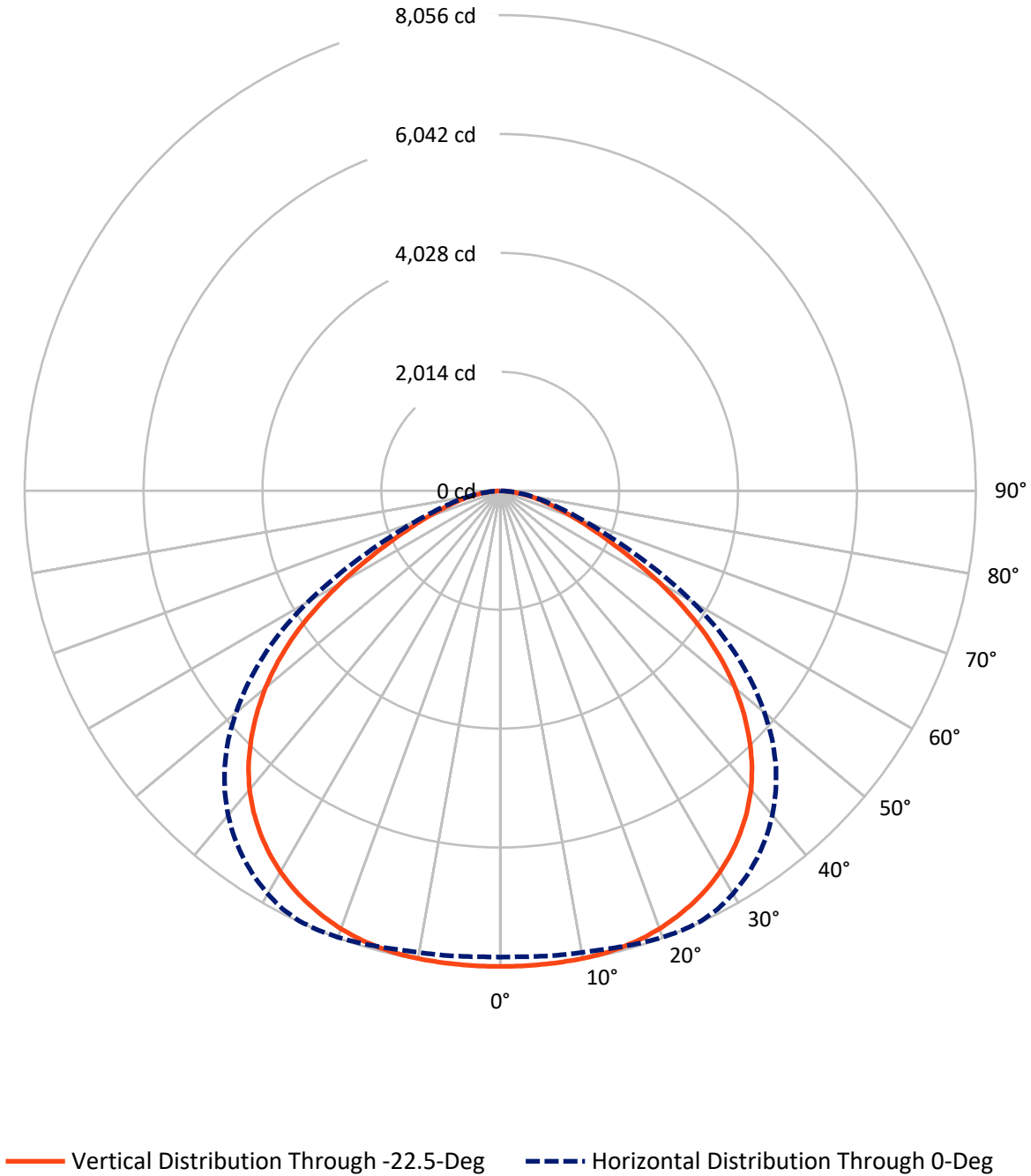
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Lumen Table

90																			
80	1.2	12.8	36.1	60.1	70.3	60.1	36.1	12.8	1.2										
70		7.2	15.0	26.2	40.5	55.9	69.1	76.4	76.4	69.1	55.9	40.5	26.2	15.0	7.2				
60	6.1	11.1	25.6	49.5	81.0	111.5	134.2	146.2	146.2	134.2	111.5	81.0	49.5	25.6	11.1	6.1			
50		15.9	40.4	80.5	123.4	159.4	184.8	197.8	197.8	184.8	159.4	123.4	80.5	40.4	15.9				
40	11.5	21.3	57.2	106.8	153.5	190.8	215.9	228.4	228.4	215.9	190.8	153.5	106.8	57.2	21.3	11.5			
30		26.7	71.2	124.7	172.6	208.9	232.1	242.4	242.4	232.1	208.9	172.6	124.7	71.2	26.7				
20	15.8	31.0	80.4	135.6	183.2	217.8	236.2	242.6	242.6	236.2	217.8	183.2	135.6	80.4	31.0	15.8			
10		33.3	84.9	140.8	188.0	220.6	235.2	240.3	240.3	235.2	220.6	188.0	140.8	84.9	33.3				
0	17.4	33.3	84.9	140.8	188.0	220.6	235.2	240.3	240.3	235.2	220.6	188.0	140.8	84.9	33.3	17.4			
-10		33.3	84.9	140.8	188.0	220.6	235.2	240.3	240.3	235.2	220.6	188.0	140.8	84.9	33.3				
-20	15.8	31.0	80.4	135.6	183.2	217.8	236.2	242.6	242.6	236.2	217.8	183.2	135.6	80.4	31.0	15.8			
-30		26.7	71.2	124.7	172.6	208.9	232.1	242.4	242.4	232.1	208.9	172.6	124.7	71.2	26.7				
-40	11.5	21.3	57.2	106.8	153.5	190.8	215.9	228.4	228.4	215.9	190.8	153.5	106.8	57.2	21.3	11.5			
-50		15.9	40.4	80.5	123.4	159.4	184.8	197.8	197.8	184.8	159.4	123.4	80.5	40.4	15.9				
-60	6.1	11.1	25.6	49.5	81.0	111.5	134.2	146.2	146.2	134.2	111.5	81.0	49.5	25.6	11.1	6.1			
-70		7.2	15.0	26.2	40.5	55.9	69.1	76.4	76.4	69.1	55.9	40.5	26.2	15.0	7.2				
-80	1.2	12.8	36.1	60.1	70.3	60.1	36.1	12.8	1.2										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

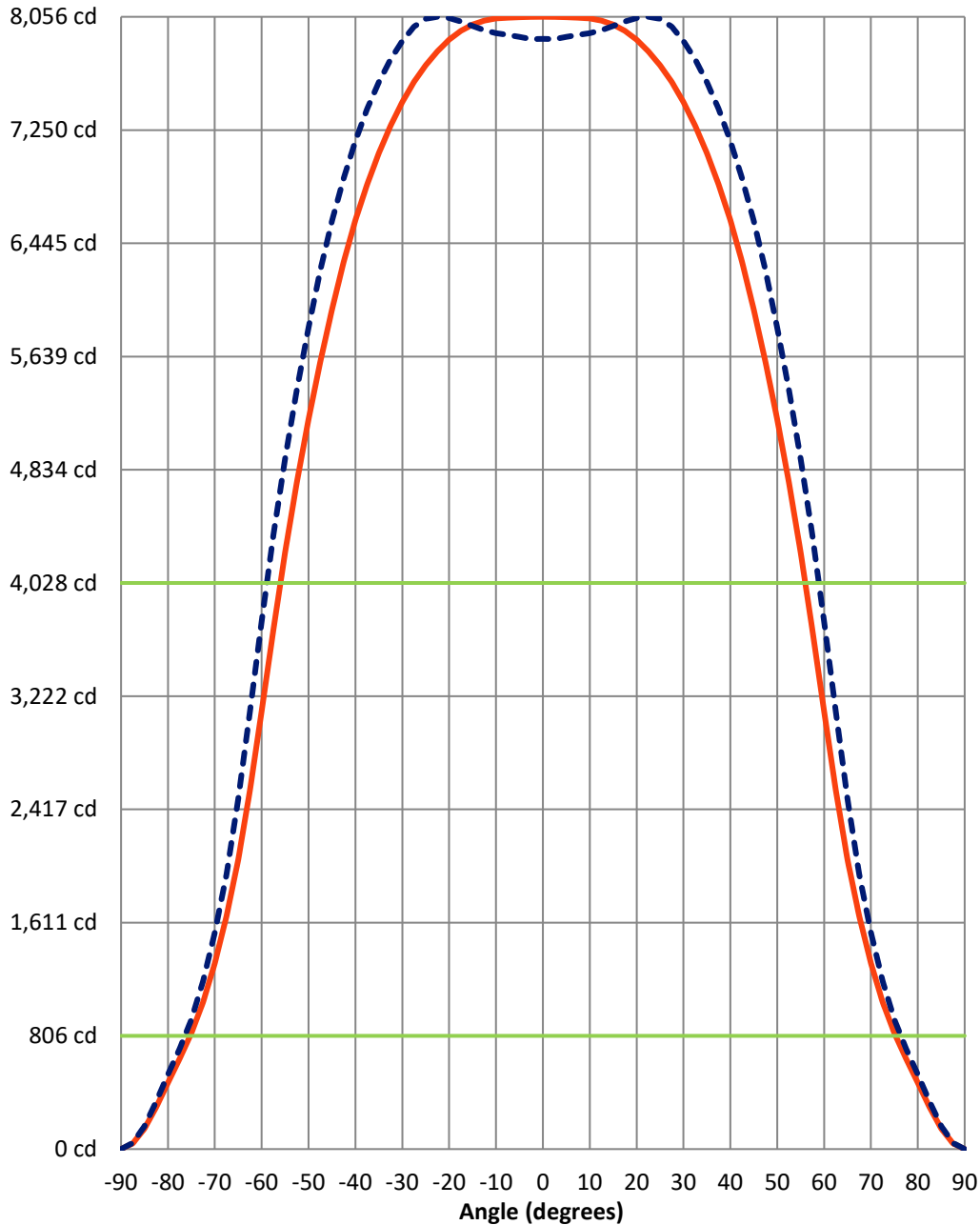
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 20509.3
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 24159.5
 Efficiency: 98.0%

Spill:
 Lumens: 484.7
 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	1.9	3.8	5.8	7.7	9.5	11.4	13.3	15.1	16.9	18.6
85°	0.0	3.8	7.7	11.5	15.3	19.1	22.8	26.5	30.1	33.7	37.2
82.5°	0.0	5.8	11.5	17.2	22.9	28.6	34.2	39.7	46.9	61.5	75.8
80°	0.0	7.7	15.3	22.9	30.5	38.0	47.7	67.7	87.5	106.9	126.0
77.5°	0.0	9.5	19.1	28.6	38.0	53.0	78.2	103.1	127.7	152.0	181.2
75°	0.0	11.4	22.8	34.2	47.7	78.2	108.4	138.2	169.4	211.7	253.3
72.5°	0.0	13.3	26.5	39.7	67.7	103.1	138.2	177.0	227.0	276.2	324.6
70°	0.0	15.1	30.1	46.9	87.5	127.7	169.4	227.0	283.9	340.1	400.8
67.5°	0.0	16.9	33.7	61.5	106.9	152.0	211.7	276.2	340.1	409.3	477.4
65°	0.0	18.6	37.2	75.8	126.0	181.2	253.3	324.6	400.8	477.4	551.8
62.5°	0.0	20.4	40.7	89.9	144.7	215.3	294.1	375.5	460.4	543.6	622.5
60°	0.0	22.0	44.1	103.6	163.0	248.6	334.0	426.7	518.8	606.2	691.8
57.5°	0.0	23.7	52.9	117.0	188.6	281.1	376.4	476.7	573.8	667.4	765.9
55°	0.0	25.3	61.6	130.0	213.9	312.8	418.2	525.4	626.9	728.8	841.1
52.5°	0.0	26.8	70.0	142.7	238.5	344.0	458.8	570.8	678.5	794.8	914.4
50°	0.0	28.3	78.2	154.9	262.3	376.7	498.1	614.5	730.5	858.7	1005.3
47.5°	0.0	29.8	86.1	168.0	285.2	408.3	535.8	656.8	785.5	920.6	1095.7
45°	0.0	31.2	93.6	184.6	307.3	438.7	570.6	697.5	838.4	998.5	1182.9
42.5°	0.0	32.5	100.8	200.4	328.4	467.8	604.0	739.6	889.2	1073.7	1285.7
40°	0.0	33.8	107.7	215.5	349.6	495.5	635.9	782.0	942.6	1145.7	1387.2
37.5°	0.0	35.0	114.3	229.8	370.7	522.0	666.2	822.3	1003.3	1219.3	1484.0
35°	0.0	36.1	120.5	243.4	390.6	546.2	694.9	860.4	1060.8	1301.5	1582.9
32.5°	0.0	37.2	126.3	256.1	409.3	568.6	722.9	896.3	1114.9	1378.9	1686.7
30°	0.0	38.2	131.7	268.0	426.8	589.5	751.6	932.4	1165.6	1451.5	1784.1
27.5°	0.0	39.1	136.8	279.0	443.0	609.0	778.2	973.3	1217.4	1519.0	1874.8
25°	0.0	40.0	141.4	289.2	458.0	626.8	802.7	1011.1	1272.3	1589.3	1959.5
22.5°	0.0	40.7	145.6	298.4	471.6	643.1	825.0	1045.5	1322.4	1657.5	2058.4
20°	0.0	41.4	149.4	306.7	483.8	657.8	845.1	1076.5	1367.6	1719.0	2147.7
17.5°	0.0	42.1	152.8	314.1	494.7	670.8	862.9	1104.0	1407.7	1773.7	2227.1
15°	0.0	42.6	155.7	320.6	504.2	682.2	878.5	1128.0	1442.7	1821.4	2296.5
12.5°	0.0	43.1	158.2	326.0	512.2	691.8	891.7	1148.5	1472.5	1862.0	2355.5
10°	0.0	43.4	160.3	330.5	518.8	699.8	902.6	1165.2	1497.0	1895.3	2404.0
7.5°	0.0	43.7	161.8	334.0	524.0	705.9	911.1	1178.3	1516.1	1921.4	2441.9
5°	0.0	43.9	163.0	336.5	527.6	710.4	917.1	1187.7	1529.7	1940.0	2469.1
2.5°	0.0	44.1	163.7	338.0	529.9	713.0	920.8	1193.3	1538.0	1951.3	2485.4
0°	0.0	44.1	163.9	338.5	530.6	713.9	922.0	1195.2	1540.7	1955.0	2490.9
-2.5°	0.0	44.1	163.7	338.0	529.9	713.0	920.8	1193.3	1538.0	1951.3	2485.4
-5°	0.0	43.9	163.0	336.5	527.6	710.4	917.1	1187.7	1529.7	1940.0	2469.1
-7.5°	0.0	43.7	161.8	334.0	524.0	705.9	911.1	1178.3	1516.1	1921.4	2441.9
-10°	0.0	43.4	160.3	330.5	518.8	699.8	902.6	1165.2	1497.0	1895.3	2404.0
-12.5°	0.0	43.1	158.2	326.0	512.2	691.8	891.7	1148.5	1472.5	1862.0	2355.5
-15°	0.0	42.6	155.7	320.6	504.2	682.2	878.5	1128.0	1442.7	1821.4	2296.5
-17.5°	0.0	42.1	152.8	314.1	494.7	670.8	862.9	1104.0	1407.7	1773.7	2227.1
-20°	0.0	41.4	149.4	306.7	483.8	657.8	845.1	1076.5	1367.6	1719.0	2147.7

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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	40.7	145.6	298.4	471.6	643.1	825.0	1045.5	1322.4	1657.5	2058.4
-25°	0.0	40.0	141.4	289.2	458.0	626.8	802.7	1011.1	1272.3	1589.3	1959.5
-27.5°	0.0	39.1	136.8	279.0	443.0	609.0	778.2	973.3	1217.4	1519.0	1874.8
-30°	0.0	38.2	131.7	268.0	426.8	589.5	751.6	932.4	1165.6	1451.5	1784.1
-32.5°	0.0	37.2	126.3	256.1	409.3	568.6	722.9	896.3	1114.9	1378.9	1686.7
-35°	0.0	36.1	120.5	243.4	390.6	546.2	694.9	860.4	1060.8	1301.5	1582.9
-37.5°	0.0	35.0	114.3	229.8	370.7	522.0	666.2	822.3	1003.3	1219.3	1484.0
-40°	0.0	33.8	107.7	215.5	349.6	495.5	635.9	782.0	942.6	1145.7	1387.2
-42.5°	0.0	32.5	100.8	200.4	328.4	467.8	604.0	739.6	889.2	1073.7	1285.7
-45°	0.0	31.2	93.6	184.6	307.3	438.7	570.6	697.5	838.4	998.5	1182.9
-47.5°	0.0	29.8	86.1	168.0	285.2	408.3	535.8	656.8	785.5	920.6	1095.7
-50°	0.0	28.3	78.2	154.9	262.3	376.7	498.1	614.5	730.5	858.7	1005.3
-52.5°	0.0	26.8	70.0	142.7	238.5	344.0	458.8	570.8	678.5	794.8	914.4
-55°	0.0	25.3	61.6	130.0	213.9	312.8	418.2	525.4	626.9	728.8	841.1
-57.5°	0.0	23.7	52.9	117.0	188.6	281.1	376.4	476.7	573.8	667.4	765.9
-60°	0.0	22.0	44.1	103.6	163.0	248.6	334.0	426.7	518.8	606.2	691.8
-62.5°	0.0	20.4	40.7	89.9	144.7	215.3	294.1	375.5	460.4	543.6	622.5
-65°	0.0	18.6	37.2	75.8	126.0	181.2	253.3	324.6	400.8	477.4	551.8
-67.5°	0.0	16.9	33.7	61.5	106.9	152.0	211.7	276.2	340.1	409.3	477.4
-70°	0.0	15.1	30.1	46.9	87.5	127.7	169.4	227.0	283.9	340.1	400.8
-72.5°	0.0	13.3	26.5	39.7	67.7	103.1	138.2	177.0	227.0	276.2	324.6
-75°	0.0	11.4	22.8	34.2	47.7	78.2	108.4	138.2	169.4	211.7	253.3
-77.5°	0.0	9.5	19.1	28.6	38.0	53.0	78.2	103.1	127.7	152.0	181.2
-80°	0.0	7.7	15.3	22.9	30.5	38.0	47.7	67.7	87.5	106.9	126.0
-82.5°	0.0	5.8	11.5	17.2	22.9	28.6	34.2	39.7	46.9	61.5	75.8
-85°	0.0	3.8	7.7	11.5	15.3	19.1	22.8	26.5	30.1	33.7	37.2
-87.5°	0.0	1.9	3.8	5.8	7.7	9.5	11.4	13.3	15.1	16.9	18.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-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°	20.4	22.0	23.7	25.3	26.8	28.3	29.8	31.2	32.5	33.8	35.0
85°	40.7	44.1	52.9	61.6	70.0	78.2	86.1	93.6	100.8	107.7	114.3
82.5°	89.9	103.6	117.0	130.0	142.7	154.9	168.0	184.6	200.4	215.5	229.8
80°	144.7	163.0	188.6	213.9	238.5	262.3	285.2	307.3	328.4	349.6	370.7
77.5°	215.3	248.6	281.1	312.8	344.0	376.7	408.3	438.7	467.8	495.5	522.0
75°	294.1	334.0	376.4	418.2	458.8	498.1	535.8	570.6	604.0	635.9	666.2
72.5°	375.5	426.7	476.7	525.4	570.8	614.5	656.8	697.5	739.6	782.0	822.3
70°	460.4	518.8	573.8	626.9	678.5	730.5	785.5	838.4	889.2	942.6	1003.3
67.5°	543.6	606.2	667.4	728.8	794.8	858.7	920.6	998.5	1073.7	1145.7	1219.3
65°	622.5	691.8	765.9	841.1	914.4	1005.3	1095.7	1182.9	1285.7	1387.2	1484.0
62.5°	700.0	784.5	869.1	961.1	1066.9	1169.6	1288.8	1410.4	1527.4	1659.2	1787.5
60°	784.5	878.5	985.8	1104.0	1225.7	1367.6	1505.1	1657.5	1811.1	1959.5	2141.6
57.5°	869.1	985.8	1116.5	1257.4	1415.2	1574.6	1753.5	1926.7	2134.4	2341.9	2548.4
55°	961.1	1104.0	1257.4	1431.2	1613.1	1811.6	2019.1	2261.0	2495.1	2755.9	3005.7
52.5°	1066.9	1225.7	1415.2	1613.1	1831.0	2069.8	2337.6	2614.5	2906.2	3189.4	3467.1
50°	1169.6	1367.6	1574.6	1811.6	2069.8	2363.2	2674.7	2997.2	3315.6	3626.1	3917.0
47.5°	1288.8	1505.1	1753.5	2019.1	2337.6	2674.7	3027.7	3379.1	3722.5	4041.1	4346.3
45°	1410.4	1657.5	1926.7	2261.0	2614.5	2997.2	3379.1	3754.8	4103.7	4433.0	4721.0
42.5°	1527.4	1811.1	2134.4	2495.1	2906.2	3315.6	3722.5	4103.7	4461.1	4778.2	5067.5
40°	1659.2	1959.5	2341.9	2755.9	3189.4	3626.1	4041.1	4433.0	4778.2	5093.9	5386.9
37.5°	1787.5	2141.6	2548.4	3005.7	3467.1	3917.0	4346.3	4721.0	5067.5	5386.9	5668.0
35°	1909.4	2314.7	2767.7	3247.8	3732.2	4189.7	4607.5	4988.9	5333.2	5643.2	5930.5
32.5°	2044.9	2478.4	2975.4	3480.3	3973.7	4439.6	4853.7	5226.9	5569.2	5883.9	6169.3
30°	2184.6	2654.9	3172.4	3699.4	4200.6	4656.2	5069.7	5447.5	5787.2	6098.0	6377.6
27.5°	2314.7	2821.4	3360.3	3897.6	4407.9	4859.4	5267.3	5639.3	5980.9	6293.8	6564.8
25°	2435.0	2975.4	3534.3	4079.0	4582.3	5034.9	5446.5	5818.3	6157.9	6458.2	6721.6
22.5°	2553.6	3116.4	3693.7	4245.5	4742.6	5191.8	5599.7	5972.4	6312.2	6609.7	6862.6
20°	2669.0	3247.8	3834.4	4393.2	4888.0	5334.4	5739.1	6111.1	6441.8	6729.9	6981.6
17.5°	2771.7	3364.8	3957.5	4512.4	5007.6	5456.1	5862.5	6235.7	6558.5	6838.4	7084.4
15°	2861.4	3467.1	4065.1	4616.8	5110.5	5557.2	5963.6	6332.7	6653.3	6930.9	7175.1
12.5°	2937.8	3554.3	4157.0	4705.9	5198.4	5643.7	6050.3	6414.2	6729.4	7003.4	7242.4
10°	3000.6	3626.1	4232.6	4779.3	5270.9	5715.2	6121.9	6481.7	6792.6	7063.6	7298.4
7.5°	3049.8	3682.3	4291.8	4836.8	5327.7	5771.2	6178.1	6534.7	6842.2	7111.1	7342.6
5°	3085.0	3722.5	4334.2	4878.1	5368.5	5811.5	6218.5	6572.8	6878.0	7145.3	7374.5
2.5°	3106.1	3746.7	4359.8	4902.9	5393.1	5835.7	6242.9	6595.8	6899.6	7166.0	7393.8
0°	3113.2	3754.8	4368.3	4911.2	5401.3	5843.8	6251.0	6603.5	6906.8	7172.9	7400.3
-2.5°	3106.1	3746.7	4359.8	4902.9	5393.1	5835.7	6242.9	6595.8	6899.6	7166.0	7393.8
-5°	3085.0	3722.5	4334.2	4878.1	5368.5	5811.5	6218.5	6572.8	6878.0	7145.3	7374.5
-7.5°	3049.8	3682.3	4291.8	4836.8	5327.7	5771.2	6178.1	6534.7	6842.2	7111.1	7342.6
-10°	3000.6	3626.1	4232.6	4779.3	5270.9	5715.2	6121.9	6481.7	6792.6	7063.6	7298.4
-12.5°	2937.8	3554.3	4157.0	4705.9	5198.4	5643.7	6050.3	6414.2	6729.4	7003.4	7242.4
-15°	2861.4	3467.1	4065.1	4616.8	5110.5	5557.2	5963.6	6332.7	6653.3	6930.9	7175.1
-17.5°	2771.7	3364.8	3957.5	4512.4	5007.6	5456.1	5862.5	6235.7	6558.5	6838.4	7084.4
-20°	2669.0	3247.8	3834.4	4393.2	4888.0	5334.4	5739.1	6111.1	6441.8	6729.9	6981.6

Classified

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

Scaled Data Report



REPORT NUMBER: P645550 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6B-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°	2553.6	3116.4	3693.7	4245.5	4742.6	5191.8	5599.7	5972.4	6312.2	6609.7	6862.6
-25°	2435.0	2975.4	3534.3	4079.0	4582.3	5034.9	5446.5	5818.3	6157.9	6458.2	6721.6
-27.5°	2314.7	2821.4	3360.3	3897.6	4407.9	4859.4	5267.3	5639.3	5980.9	6293.8	6564.8
-30°	2184.6	2654.9	3172.4	3699.4	4200.6	4656.2	5069.7	5447.5	5787.2	6098.0	6377.6
-32.5°	2044.9	2478.4	2975.4	3480.3	3973.7	4439.6	4853.7	5226.9	5569.2	5883.9	6169.3
-35°	1909.4	2314.7	2767.7	3247.8	3732.2	4189.7	4607.5	4988.9	5333.2	5643.2	5930.5
-37.5°	1787.5	2141.6	2548.4	3005.7	3467.1	3917.0	4346.3	4721.0	5067.5	5386.9	5668.0
-40°	1659.2	1959.5	2341.9	2755.9	3189.4	3626.1	4041.1	4433.0	4778.2	5093.9	5386.9
-42.5°	1527.4	1811.1	2134.4	2495.1	2906.2	3315.6	3722.5	4103.7	4461.1	4778.2	5067.5
-45°	1410.4	1657.5	1926.7	2261.0	2614.5	2997.2	3379.1	3754.8	4103.7	4433.0	4721.0
-47.5°	1288.8	1505.1	1753.5	2019.1	2337.6	2674.7	3027.7	3379.1	3722.5	4041.1	4346.3
-50°	1169.6	1367.6	1574.6	1811.6	2069.8	2363.2	2674.7	2997.2	3315.6	3626.1	3917.0
-52.5°	1066.9	1225.7	1415.2	1613.1	1831.0	2069.8	2337.6	2614.5	2906.2	3189.4	3467.1
-55°	961.1	1104.0	1257.4	1431.2	1613.1	1811.6	2019.1	2261.0	2495.1	2755.9	3005.7
-57.5°	869.1	985.8	1116.5	1257.4	1415.2	1574.6	1753.5	1926.7	2134.4	2341.9	2548.4
-60°	784.5	878.5	985.8	1104.0	1225.7	1367.6	1505.1	1657.5	1811.1	1959.5	2141.6
-62.5°	700.0	784.5	869.1	961.1	1066.9	1169.6	1288.8	1410.4	1527.4	1659.2	1787.5
-65°	622.5	691.8	765.9	841.1	914.4	1005.3	1095.7	1182.9	1285.7	1387.2	1484.0
-67.5°	543.6	606.2	667.4	728.8	794.8	858.7	920.6	998.5	1073.7	1145.7	1219.3
-70°	460.4	518.8	573.8	626.9	678.5	730.5	785.5	838.4	889.2	942.6	1003.3
-72.5°	375.5	426.7	476.7	525.4	570.8	614.5	656.8	697.5	739.6	782.0	822.3
-75°	294.1	334.0	376.4	418.2	458.8	498.1	535.8	570.6	604.0	635.9	666.2
-77.5°	215.3	248.6	281.1	312.8	344.0	376.7	408.3	438.7	467.8	495.5	522.0
-80°	144.7	163.0	188.6	213.9	238.5	262.3	285.2	307.3	328.4	349.6	370.7
-82.5°	89.9	103.6	117.0	130.0	142.7	154.9	168.0	184.6	200.4	215.5	229.8
-85°	40.7	44.1	52.9	61.6	70.0	78.2	86.1	93.6	100.8	107.7	114.3
-87.5°	20.4	22.0	23.7	25.3	26.8	28.3	29.8	31.2	32.5	33.8	35.0
-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: P645550 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-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°	36.1	37.2	38.2	39.1	40.0	40.7	41.4	42.1	42.6	43.1	43.4
85°	120.5	126.3	131.7	136.8	141.4	145.6	149.4	152.8	155.7	158.2	160.3
82.5°	243.4	256.1	268.0	279.0	289.2	298.4	306.7	314.1	320.6	326.0	330.5
80°	390.6	409.3	426.8	443.0	458.0	471.6	483.8	494.7	504.2	512.2	518.8
77.5°	546.2	568.6	589.5	609.0	626.8	643.1	657.8	670.8	682.2	691.8	699.8
75°	694.9	722.9	751.6	778.2	802.7	825.0	845.1	862.9	878.5	891.7	902.6
72.5°	860.4	896.3	932.4	973.3	1011.1	1045.5	1076.5	1104.0	1128.0	1148.5	1165.2
70°	1060.8	1114.9	1165.6	1217.4	1272.3	1322.4	1367.6	1407.7	1442.7	1472.5	1497.0
67.5°	1301.5	1378.9	1451.5	1519.0	1589.3	1657.5	1719.0	1773.7	1821.4	1862.0	1895.3
65°	1582.9	1686.7	1784.1	1874.8	1959.5	2058.4	2147.7	2227.1	2296.5	2355.5	2404.0
62.5°	1909.4	2044.9	2184.6	2314.7	2435.0	2553.6	2669.0	2771.7	2861.4	2937.8	3000.6
60°	2314.7	2478.4	2654.9	2821.4	2975.4	3116.4	3247.8	3364.8	3467.1	3554.3	3626.1
57.5°	2767.7	2975.4	3172.4	3360.3	3534.3	3693.7	3834.4	3957.5	4065.1	4157.0	4232.6
55°	3247.8	3480.3	3699.4	3897.6	4079.0	4245.5	4393.2	4512.4	4616.8	4705.9	4779.3
52.5°	3732.2	3973.7	4200.6	4407.9	4582.3	4742.6	4888.0	5007.6	5110.5	5198.4	5270.9
50°	4189.7	4439.6	4656.2	4859.4	5034.9	5191.8	5334.4	5456.1	5557.2	5643.7	5715.2
47.5°	4607.5	4853.7	5069.7	5267.3	5446.5	5599.7	5739.1	5862.5	5963.6	6050.3	6121.9
45°	4988.9	5226.9	5447.5	5639.3	5818.3	5972.4	6111.1	6235.7	6332.7	6414.2	6481.7
42.5°	5333.2	5569.2	5787.2	5980.9	6157.9	6312.2	6441.8	6558.5	6653.3	6729.4	6792.6
40°	5643.2	5883.9	6098.0	6293.8	6458.2	6609.7	6729.9	6838.4	6930.9	7003.4	7063.6
37.5°	5930.5	6169.3	6377.6	6564.8	6721.6	6862.6	6981.6	7084.4	7175.1	7242.4	7298.4
35°	6193.2	6420.0	6626.1	6797.8	6953.3	7085.9	7203.1	7297.9	7382.2	7446.4	7497.4
32.5°	6420.0	6644.9	6836.4	7005.3	7157.1	7280.8	7393.2	7480.1	7556.7	7618.4	7665.8
30°	6626.1	6836.4	7022.9	7190.2	7328.5	7449.0	7550.2	7635.1	7705.8	7764.7	7806.4
27.5°	6797.8	7005.3	7190.2	7344.5	7476.8	7592.9	7685.5	7767.2	7829.0	7883.2	7919.1
25°	6953.3	7157.1	7328.5	7476.8	7605.3	7711.3	7799.4	7873.5	7928.2	7974.6	8001.3
22.5°	7085.9	7280.8	7449.0	7592.9	7711.3	7810.3	7893.4	7956.1	8000.9	8028.9	8044.7
20°	7203.1	7393.2	7550.2	7685.5	7799.4	7893.4	7965.5	8011.8	8043.0	8050.8	8055.3
17.5°	7297.9	7480.1	7635.1	7767.2	7873.5	7956.1	8011.8	8044.5	8053.9	8052.2	8047.6
15°	7382.2	7556.7	7705.8	7829.0	7928.2	8000.9	8043.0	8053.9	8051.1	8041.7	8027.2
12.5°	7446.4	7618.4	7764.7	7883.2	7974.6	8028.9	8050.8	8052.2	8041.7	8023.7	8003.0
10°	7497.4	7665.8	7806.4	7919.1	8001.3	8044.7	8055.3	8047.6	8027.2	8003.0	7980.2
7.5°	7537.8	7703.5	7839.6	7947.7	8018.7	8049.6	8051.9	8037.4	8012.9	7985.5	7960.7
5°	7567.1	7730.8	7863.8	7968.6	8031.5	8053.2	8049.4	8029.3	8001.0	7972.3	7949.7
2.5°	7584.8	7747.4	7878.5	7981.3	8039.4	8055.4	8047.8	8024.3	7993.5	7963.8	7942.4
0°	7590.7	7752.9	7883.4	7985.6	8042.0	8056.1	8047.3	8022.6	7990.9	7960.9	7939.8
-2.5°	7584.8	7747.4	7878.5	7981.3	8039.4	8055.4	8047.8	8024.3	7993.5	7963.8	7942.4
-5°	7567.1	7730.8	7863.8	7968.6	8031.5	8053.2	8049.4	8029.3	8001.0	7972.3	7949.7
-7.5°	7537.8	7703.5	7839.6	7947.7	8018.7	8049.6	8051.9	8037.4	8012.9	7985.5	7960.7
-10°	7497.4	7665.8	7806.4	7919.1	8001.3	8044.7	8055.3	8047.6	8027.2	8003.0	7980.2
-12.5°	7446.4	7618.4	7764.7	7883.2	7974.6	8028.9	8050.8	8052.2	8041.7	8023.7	8003.0
-15°	7382.2	7556.7	7705.8	7829.0	7928.2	8000.9	8043.0	8053.9	8051.1	8041.7	8027.2
-17.5°	7297.9	7480.1	7635.1	7767.2	7873.5	7956.1	8011.8	8044.5	8053.9	8052.2	8047.6
-20°	7203.1	7393.2	7550.2	7685.5	7799.4	7893.4	7965.5	8011.8	8043.0	8050.8	8055.3



REPORT NUMBER: P645550 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-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°	7085.9	7280.8	7449.0	7592.9	7711.3	7810.3	7893.4	7956.1	8000.9	8028.9	8044.7
-25°	6953.3	7157.1	7328.5	7476.8	7605.3	7711.3	7799.4	7873.5	7928.2	7974.6	8001.3
-27.5°	6797.8	7005.3	7190.2	7344.5	7476.8	7592.9	7685.5	7767.2	7829.0	7883.2	7919.1
-30°	6626.1	6836.4	7022.9	7190.2	7328.5	7449.0	7550.2	7635.1	7705.8	7764.7	7806.4
-32.5°	6420.0	6644.9	6836.4	7005.3	7157.1	7280.8	7393.2	7480.1	7556.7	7618.4	7665.8
-35°	6193.2	6420.0	6626.1	6797.8	6953.3	7085.9	7203.1	7297.9	7382.2	7446.4	7497.4
-37.5°	5930.5	6169.3	6377.6	6564.8	6721.6	6862.6	6981.6	7084.4	7175.1	7242.4	7298.4
-40°	5643.2	5883.9	6098.0	6293.8	6458.2	6609.7	6729.9	6838.4	6930.9	7003.4	7063.6
-42.5°	5333.2	5569.2	5787.2	5980.9	6157.9	6312.2	6441.8	6558.5	6653.3	6729.4	6792.6
-45°	4988.9	5226.9	5447.5	5639.3	5818.3	5972.4	6111.1	6235.7	6332.7	6414.2	6481.7
-47.5°	4607.5	4853.7	5069.7	5267.3	5446.5	5599.7	5739.1	5862.5	5963.6	6050.3	6121.9
-50°	4189.7	4439.6	4656.2	4859.4	5034.9	5191.8	5334.4	5456.1	5557.2	5643.7	5715.2
-52.5°	3732.2	3973.7	4200.6	4407.9	4582.3	4742.6	4888.0	5007.6	5110.5	5198.4	5270.9
-55°	3247.8	3480.3	3699.4	3897.6	4079.0	4245.5	4393.2	4512.4	4616.8	4705.9	4779.3
-57.5°	2767.7	2975.4	3172.4	3360.3	3534.3	3693.7	3834.4	3957.5	4065.1	4157.0	4232.6
-60°	2314.7	2478.4	2654.9	2821.4	2975.4	3116.4	3247.8	3364.8	3467.1	3554.3	3626.1
-62.5°	1909.4	2044.9	2184.6	2314.7	2435.0	2553.6	2669.0	2771.7	2861.4	2937.8	3000.6
-65°	1582.9	1686.7	1784.1	1874.8	1959.5	2058.4	2147.7	2227.1	2296.5	2355.5	2404.0
-67.5°	1301.5	1378.9	1451.5	1519.0	1589.3	1657.5	1719.0	1773.7	1821.4	1862.0	1895.3
-70°	1060.8	1114.9	1165.6	1217.4	1272.3	1322.4	1367.6	1407.7	1442.7	1472.5	1497.0
-72.5°	860.4	896.3	932.4	973.3	1011.1	1045.5	1076.5	1104.0	1128.0	1148.5	1165.2
-75°	694.9	722.9	751.6	778.2	802.7	825.0	845.1	862.9	878.5	891.7	902.6
-77.5°	546.2	568.6	589.5	609.0	626.8	643.1	657.8	670.8	682.2	691.8	699.8
-80°	390.6	409.3	426.8	443.0	458.0	471.6	483.8	494.7	504.2	512.2	518.8
-82.5°	243.4	256.1	268.0	279.0	289.2	298.4	306.7	314.1	320.6	326.0	330.5
-85°	120.5	126.3	131.7	136.8	141.4	145.6	149.4	152.8	155.7	158.2	160.3
-87.5°	36.1	37.2	38.2	39.1	40.0	40.7	41.4	42.1	42.6	43.1	43.4
-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: P645550 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6B-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°	43.7	43.9	44.1	44.1	44.1	43.9	43.7	43.4	43.1	42.6	42.1
85°	161.8	163.0	163.7	163.9	163.7	163.0	161.8	160.3	158.2	155.7	152.8
82.5°	334.0	336.5	338.0	338.5	338.0	336.5	334.0	330.5	326.0	320.6	314.1
80°	524.0	527.6	529.9	530.6	529.9	527.6	524.0	518.8	512.2	504.2	494.7
77.5°	705.9	710.4	713.0	713.9	713.0	710.4	705.9	699.8	691.8	682.2	670.8
75°	911.1	917.1	920.8	922.0	920.8	917.1	911.1	902.6	891.7	878.5	862.9
72.5°	1178.3	1187.7	1193.3	1195.2	1193.3	1187.7	1178.3	1165.2	1148.5	1128.0	1104.0
70°	1516.1	1529.7	1538.0	1540.7	1538.0	1529.7	1516.1	1497.0	1472.5	1442.7	1407.7
67.5°	1921.4	1940.0	1951.3	1955.0	1951.3	1940.0	1921.4	1895.3	1862.0	1821.4	1773.7
65°	2441.9	2469.1	2485.4	2490.9	2485.4	2469.1	2441.9	2404.0	2355.5	2296.5	2227.1
62.5°	3049.8	3085.0	3106.1	3113.2	3106.1	3085.0	3049.8	3000.6	2937.8	2861.4	2771.7
60°	3682.3	3722.5	3746.7	3754.8	3746.7	3722.5	3682.3	3626.1	3554.3	3467.1	3364.8
57.5°	4291.8	4334.2	4359.8	4368.3	4359.8	4334.2	4291.8	4232.6	4157.0	4065.1	3957.5
55°	4836.8	4878.1	4902.9	4911.2	4902.9	4878.1	4836.8	4779.3	4705.9	4616.8	4512.4
52.5°	5327.7	5368.5	5393.1	5401.3	5393.1	5368.5	5327.7	5270.9	5198.4	5110.5	5007.6
50°	5771.2	5811.5	5835.7	5843.8	5835.7	5811.5	5771.2	5715.2	5643.7	5557.2	5456.1
47.5°	6178.1	6218.5	6242.9	6251.0	6242.9	6218.5	6178.1	6121.9	6050.3	5963.6	5862.5
45°	6534.7	6572.8	6595.8	6603.5	6595.8	6572.8	6534.7	6481.7	6414.2	6332.7	6235.7
42.5°	6842.2	6878.0	6899.6	6906.8	6899.6	6878.0	6842.2	6792.6	6729.4	6653.3	6558.5
40°	7111.1	7145.3	7166.0	7172.9	7166.0	7145.3	7111.1	7063.6	7003.4	6930.9	6838.4
37.5°	7342.6	7374.5	7393.8	7400.3	7393.8	7374.5	7342.6	7298.4	7242.4	7175.1	7084.4
35°	7537.8	7567.1	7584.8	7590.7	7584.8	7567.1	7537.8	7497.4	7446.4	7382.2	7297.9
32.5°	7703.5	7730.8	7747.4	7752.9	7747.4	7730.8	7703.5	7665.8	7618.4	7556.7	7480.1
30°	7839.6	7863.8	7878.5	7883.4	7878.5	7863.8	7839.6	7806.4	7764.7	7705.8	7635.1
27.5°	7947.7	7968.6	7981.3	7985.6	7981.3	7968.6	7947.7	7919.1	7883.2	7829.0	7767.2
25°	8018.7	8031.5	8039.4	8042.0	8039.4	8031.5	8018.7	8001.3	7974.6	7928.2	7873.5
22.5°	8049.6	8053.2	8055.4	8056.1	8055.4	8053.2	8049.6	8044.7	8028.9	8000.9	7956.1
20°	8051.9	8049.4	8047.8	8047.3	8047.8	8049.4	8051.9	8055.3	8050.8	8043.0	8011.8
17.5°	8037.4	8029.3	8024.3	8022.6	8024.3	8029.3	8037.4	8047.6	8052.2	8053.9	8044.5
15°	8012.9	8001.0	7993.5	7990.9	7993.5	8001.0	8012.9	8027.2	8041.7	8051.1	8053.9
12.5°	7985.5	7972.3	7963.8	7960.9	7963.8	7972.3	7985.5	8003.0	8023.7	8041.7	8052.2
10°	7960.7	7949.7	7942.4	7939.8	7942.4	7949.7	7960.7	7980.2	8003.0	8027.2	8047.6
7.5°	7944.8	7934.9	7929.4	7927.4	7929.4	7934.9	7944.8	7960.7	7985.5	8012.9	8037.4
5°	7934.9	7925.0	7916.6	7913.3	7916.6	7925.0	7934.9	7949.7	7972.3	8001.0	8029.3
2.5°	7929.4	7916.6	7904.0	7897.5	7904.0	7916.6	7929.4	7942.4	7963.8	7993.5	8024.3
0°	7927.4	7913.3	7897.5	7899.2	7897.5	7913.3	7927.4	7939.8	7960.9	7990.9	8022.6
-2.5°	7929.4	7916.6	7904.0	7897.5	7904.0	7916.6	7929.4	7942.4	7963.8	7993.5	8024.3
-5°	7934.9	7925.0	7916.6	7913.3	7916.6	7925.0	7934.9	7949.7	7972.3	8001.0	8029.3
-7.5°	7944.8	7934.9	7929.4	7927.4	7929.4	7934.9	7944.8	7960.7	7985.5	8012.9	8037.4
-10°	7960.7	7949.7	7942.4	7939.8	7942.4	7949.7	7960.7	7980.2	8003.0	8027.2	8047.6
-12.5°	7985.5	7972.3	7963.8	7960.9	7963.8	7972.3	7985.5	8003.0	8023.7	8041.7	8052.2
-15°	8012.9	8001.0	7993.5	7990.9	7993.5	8001.0	8012.9	8027.2	8041.7	8051.1	8053.9
-17.5°	8037.4	8029.3	8024.3	8022.6	8024.3	8029.3	8037.4	8047.6	8052.2	8053.9	8044.5
-20°	8051.9	8049.4	8047.8	8047.3	8047.8	8049.4	8051.9	8055.3	8050.8	8043.0	8011.8

Classified

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

Scaled Data Report



REPORT NUMBER: P645550 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6B-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°	8049.6	8053.2	8055.4	8056.1	8055.4	8053.2	8049.6	8044.7	8028.9	8000.9	7956.1
-25°	8018.7	8031.5	8039.4	8042.0	8039.4	8031.5	8018.7	8001.3	7974.6	7928.2	7873.5
-27.5°	7947.7	7968.6	7981.3	7985.6	7981.3	7968.6	7947.7	7919.1	7883.2	7829.0	7767.2
-30°	7839.6	7863.8	7878.5	7883.4	7878.5	7863.8	7839.6	7806.4	7764.7	7705.8	7635.1
-32.5°	7703.5	7730.8	7747.4	7752.9	7747.4	7730.8	7703.5	7665.8	7618.4	7556.7	7480.1
-35°	7537.8	7567.1	7584.8	7590.7	7584.8	7567.1	7537.8	7497.4	7446.4	7382.2	7297.9
-37.5°	7342.6	7374.5	7393.8	7400.3	7393.8	7374.5	7342.6	7298.4	7242.4	7175.1	7084.4
-40°	7111.1	7145.3	7166.0	7172.9	7166.0	7145.3	7111.1	7063.6	7003.4	6930.9	6838.4
-42.5°	6842.2	6878.0	6899.6	6906.8	6899.6	6878.0	6842.2	6792.6	6729.4	6653.3	6558.5
-45°	6534.7	6572.8	6595.8	6603.5	6595.8	6572.8	6534.7	6481.7	6414.2	6332.7	6235.7
-47.5°	6178.1	6218.5	6242.9	6251.0	6242.9	6218.5	6178.1	6121.9	6050.3	5963.6	5862.5
-50°	5771.2	5811.5	5835.7	5843.8	5835.7	5811.5	5771.2	5715.2	5643.7	5557.2	5456.1
-52.5°	5327.7	5368.5	5393.1	5401.3	5393.1	5368.5	5327.7	5270.9	5198.4	5110.5	5007.6
-55°	4836.8	4878.1	4902.9	4911.2	4902.9	4878.1	4836.8	4779.3	4705.9	4616.8	4512.4
-57.5°	4291.8	4334.2	4359.8	4368.3	4359.8	4334.2	4291.8	4232.6	4157.0	4065.1	3957.5
-60°	3682.3	3722.5	3746.7	3754.8	3746.7	3722.5	3682.3	3626.1	3554.3	3467.1	3364.8
-62.5°	3049.8	3085.0	3106.1	3113.2	3106.1	3085.0	3049.8	3000.6	2937.8	2861.4	2771.7
-65°	2441.9	2469.1	2485.4	2490.9	2485.4	2469.1	2441.9	2404.0	2355.5	2296.5	2227.1
-67.5°	1921.4	1940.0	1951.3	1955.0	1951.3	1940.0	1921.4	1895.3	1862.0	1821.4	1773.7
-70°	1516.1	1529.7	1538.0	1540.7	1538.0	1529.7	1516.1	1497.0	1472.5	1442.7	1407.7
-72.5°	1178.3	1187.7	1193.3	1195.2	1193.3	1187.7	1178.3	1165.2	1148.5	1128.0	1104.0
-75°	911.1	917.1	920.8	922.0	920.8	917.1	911.1	902.6	891.7	878.5	862.9
-77.5°	705.9	710.4	713.0	713.9	713.0	710.4	705.9	699.8	691.8	682.2	670.8
-80°	524.0	527.6	529.9	530.6	529.9	527.6	524.0	518.8	512.2	504.2	494.7
-82.5°	334.0	336.5	338.0	338.5	338.0	336.5	334.0	330.5	326.0	320.6	314.1
-85°	161.8	163.0	163.7	163.9	163.7	163.0	161.8	160.3	158.2	155.7	152.8
-87.5°	43.7	43.9	44.1	44.1	44.1	43.9	43.7	43.4	43.1	42.6	42.1
-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: P645550 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	41.4	40.7	40.0	39.1	38.2	37.2	36.1	35.0	33.8	32.5	31.2
85°	149.4	145.6	141.4	136.8	131.7	126.3	120.5	114.3	107.7	100.8	93.6
82.5°	306.7	298.4	289.2	279.0	268.0	256.1	243.4	229.8	215.5	200.4	184.6
80°	483.8	471.6	458.0	443.0	426.8	409.3	390.6	370.7	349.6	328.4	307.3
77.5°	657.8	643.1	626.8	609.0	589.5	568.6	546.2	522.0	495.5	467.8	438.7
75°	845.1	825.0	802.7	778.2	751.6	722.9	694.9	666.2	635.9	604.0	570.6
72.5°	1076.5	1045.5	1011.1	973.3	932.4	896.3	860.4	822.3	782.0	739.6	697.5
70°	1367.6	1322.4	1272.3	1217.4	1165.6	1114.9	1060.8	1003.3	942.6	889.2	838.4
67.5°	1719.0	1657.5	1589.3	1519.0	1451.5	1378.9	1301.5	1219.3	1145.7	1073.7	998.5
65°	2147.7	2058.4	1959.5	1874.8	1784.1	1686.7	1582.9	1484.0	1387.2	1285.7	1182.9
62.5°	2669.0	2553.6	2435.0	2314.7	2184.6	2044.9	1909.4	1787.5	1659.2	1527.4	1410.4
60°	3247.8	3116.4	2975.4	2821.4	2654.9	2478.4	2314.7	2141.6	1959.5	1811.1	1657.5
57.5°	3834.4	3693.7	3534.3	3360.3	3172.4	2975.4	2767.7	2548.4	2341.9	2134.4	1926.7
55°	4393.2	4245.5	4079.0	3897.6	3699.4	3480.3	3247.8	3005.7	2755.9	2495.1	2261.0
52.5°	4888.0	4742.6	4582.3	4407.9	4200.6	3973.7	3732.2	3467.1	3189.4	2906.2	2614.5
50°	5334.4	5191.8	5034.9	4859.4	4656.2	4439.6	4189.7	3917.0	3626.1	3315.6	2997.2
47.5°	5739.1	5599.7	5446.5	5267.3	5069.7	4853.7	4607.5	4346.3	4041.1	3722.5	3379.1
45°	6111.1	5972.4	5818.3	5639.3	5447.5	5226.9	4988.9	4721.0	4433.0	4103.7	3754.8
42.5°	6441.8	6312.2	6157.9	5980.9	5787.2	5569.2	5333.2	5067.5	4778.2	4461.1	4103.7
40°	6729.9	6609.7	6458.2	6293.8	6098.0	5883.9	5643.2	5386.9	5093.9	4778.2	4433.0
37.5°	6981.6	6862.6	6721.6	6564.8	6377.6	6169.3	5930.5	5668.0	5386.9	5067.5	4721.0
35°	7203.1	7085.9	6953.3	6797.8	6626.1	6420.0	6193.2	5930.5	5643.2	5333.2	4988.9
32.5°	7393.2	7280.8	7157.1	7005.3	6836.4	6644.9	6420.0	6169.3	5883.9	5569.2	5226.9
30°	7550.2	7449.0	7328.5	7190.2	7022.9	6836.4	6626.1	6377.6	6098.0	5787.2	5447.5
27.5°	7685.5	7592.9	7476.8	7344.5	7190.2	7005.3	6797.8	6564.8	6293.8	5980.9	5639.3
25°	7799.4	7711.3	7605.3	7476.8	7328.5	7157.1	6953.3	6721.6	6458.2	6157.9	5818.3
22.5°	7893.4	7810.3	7711.3	7592.9	7449.0	7280.8	7085.9	6862.6	6609.7	6312.2	5972.4
20°	7965.5	7893.4	7799.4	7685.5	7550.2	7393.2	7203.1	6981.6	6729.9	6441.8	6111.1
17.5°	8011.8	7956.1	7873.5	7767.2	7635.1	7480.1	7297.9	7084.4	6838.4	6558.5	6235.7
15°	8043.0	8000.9	7928.2	7829.0	7705.8	7556.7	7382.2	7175.1	6930.9	6653.3	6332.7
12.5°	8050.8	8028.9	7974.6	7883.2	7764.7	7618.4	7446.4	7242.4	7003.4	6729.4	6414.2
10°	8055.3	8044.7	8001.3	7919.1	7806.4	7665.8	7497.4	7298.4	7063.6	6792.6	6481.7
7.5°	8051.9	8049.6	8018.7	7947.7	7839.6	7703.5	7537.8	7342.6	7111.1	6842.2	6534.7
5°	8049.4	8053.2	8031.5	7968.6	7863.8	7730.8	7567.1	7374.5	7145.3	6878.0	6572.8
2.5°	8047.8	8055.4	8039.4	7981.3	7878.5	7747.4	7584.8	7393.8	7166.0	6899.6	6595.8
0°	8047.3	8056.1	8042.0	7985.6	7883.4	7752.9	7590.7	7400.3	7172.9	6906.8	6603.5
-2.5°	8047.8	8055.4	8039.4	7981.3	7878.5	7747.4	7584.8	7393.8	7166.0	6899.6	6595.8
-5°	8049.4	8053.2	8031.5	7968.6	7863.8	7730.8	7567.1	7374.5	7145.3	6878.0	6572.8
-7.5°	8051.9	8049.6	8018.7	7947.7	7839.6	7703.5	7537.8	7342.6	7111.1	6842.2	6534.7
-10°	8055.3	8044.7	8001.3	7919.1	7806.4	7665.8	7497.4	7298.4	7063.6	6792.6	6481.7
-12.5°	8050.8	8028.9	7974.6	7883.2	7764.7	7618.4	7446.4	7242.4	7003.4	6729.4	6414.2
-15°	8043.0	8000.9	7928.2	7829.0	7705.8	7556.7	7382.2	7175.1	6930.9	6653.3	6332.7
-17.5°	8011.8	7956.1	7873.5	7767.2	7635.1	7480.1	7297.9	7084.4	6838.4	6558.5	6235.7
-20°	7965.5	7893.4	7799.4	7685.5	7550.2	7393.2	7203.1	6981.6	6729.9	6441.8	6111.1



REPORT NUMBER: P645550 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-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°	7893.4	7810.3	7711.3	7592.9	7449.0	7280.8	7085.9	6862.6	6609.7	6312.2	5972.4
-25°	7799.4	7711.3	7605.3	7476.8	7328.5	7157.1	6953.3	6721.6	6458.2	6157.9	5818.3
-27.5°	7685.5	7592.9	7476.8	7344.5	7190.2	7005.3	6797.8	6564.8	6293.8	5980.9	5639.3
-30°	7550.2	7449.0	7328.5	7190.2	7022.9	6836.4	6626.1	6377.6	6098.0	5787.2	5447.5
-32.5°	7393.2	7280.8	7157.1	7005.3	6836.4	6644.9	6420.0	6169.3	5883.9	5569.2	5226.9
-35°	7203.1	7085.9	6953.3	6797.8	6626.1	6420.0	6193.2	5930.5	5643.2	5333.2	4988.9
-37.5°	6981.6	6862.6	6721.6	6564.8	6377.6	6169.3	5930.5	5668.0	5386.9	5067.5	4721.0
-40°	6729.9	6609.7	6458.2	6293.8	6098.0	5883.9	5643.2	5386.9	5093.9	4778.2	4433.0
-42.5°	6441.8	6312.2	6157.9	5980.9	5787.2	5569.2	5333.2	5067.5	4778.2	4461.1	4103.7
-45°	6111.1	5972.4	5818.3	5639.3	5447.5	5226.9	4988.9	4721.0	4433.0	4103.7	3754.8
-47.5°	5739.1	5599.7	5446.5	5267.3	5069.7	4853.7	4607.5	4346.3	4041.1	3722.5	3379.1
-50°	5334.4	5191.8	5034.9	4859.4	4656.2	4439.6	4189.7	3917.0	3626.1	3315.6	2997.2
-52.5°	4888.0	4742.6	4582.3	4407.9	4200.6	3973.7	3732.2	3467.1	3189.4	2906.2	2614.5
-55°	4393.2	4245.5	4079.0	3897.6	3699.4	3480.3	3247.8	3005.7	2755.9	2495.1	2261.0
-57.5°	3834.4	3693.7	3534.3	3360.3	3172.4	2975.4	2767.7	2548.4	2341.9	2134.4	1926.7
-60°	3247.8	3116.4	2975.4	2821.4	2654.9	2478.4	2314.7	2141.6	1959.5	1811.1	1657.5
-62.5°	2669.0	2553.6	2435.0	2314.7	2184.6	2044.9	1909.4	1787.5	1659.2	1527.4	1410.4
-65°	2147.7	2058.4	1959.5	1874.8	1784.1	1686.7	1582.9	1484.0	1387.2	1285.7	1182.9
-67.5°	1719.0	1657.5	1589.3	1519.0	1451.5	1378.9	1301.5	1219.3	1145.7	1073.7	998.5
-70°	1367.6	1322.4	1272.3	1217.4	1165.6	1114.9	1060.8	1003.3	942.6	889.2	838.4
-72.5°	1076.5	1045.5	1011.1	973.3	932.4	896.3	860.4	822.3	782.0	739.6	697.5
-75°	845.1	825.0	802.7	778.2	751.6	722.9	694.9	666.2	635.9	604.0	570.6
-77.5°	657.8	643.1	626.8	609.0	589.5	568.6	546.2	522.0	495.5	467.8	438.7
-80°	483.8	471.6	458.0	443.0	426.8	409.3	390.6	370.7	349.6	328.4	307.3
-82.5°	306.7	298.4	289.2	279.0	268.0	256.1	243.4	229.8	215.5	200.4	184.6
-85°	149.4	145.6	141.4	136.8	131.7	126.3	120.5	114.3	107.7	100.8	93.6
-87.5°	41.4	40.7	40.0	39.1	38.2	37.2	36.1	35.0	33.8	32.5	31.2
-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: P645550 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6B-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°	29.8	28.3	26.8	25.3	23.7	22.0	20.4	18.6	16.9	15.1	13.3
85°	86.1	78.2	70.0	61.6	52.9	44.1	40.7	37.2	33.7	30.1	26.5
82.5°	168.0	154.9	142.7	130.0	117.0	103.6	89.9	75.8	61.5	46.9	39.7
80°	285.2	262.3	238.5	213.9	188.6	163.0	144.7	126.0	106.9	87.5	67.7
77.5°	408.3	376.7	344.0	312.8	281.1	248.6	215.3	181.2	152.0	127.7	103.1
75°	535.8	498.1	458.8	418.2	376.4	334.0	294.1	253.3	211.7	169.4	138.2
72.5°	656.8	614.5	570.8	525.4	476.7	426.7	375.5	324.6	276.2	227.0	177.0
70°	785.5	730.5	678.5	626.9	573.8	518.8	460.4	400.8	340.1	283.9	227.0
67.5°	920.6	858.7	794.8	728.8	667.4	606.2	543.6	477.4	409.3	340.1	276.2
65°	1095.7	1005.3	914.4	841.1	765.9	691.8	622.5	551.8	477.4	400.8	324.6
62.5°	1288.8	1169.6	1066.9	961.1	869.1	784.5	700.0	622.5	543.6	460.4	375.5
60°	1505.1	1367.6	1225.7	1104.0	985.8	878.5	784.5	691.8	606.2	518.8	426.7
57.5°	1753.5	1574.6	1415.2	1257.4	1116.5	985.8	869.1	765.9	667.4	573.8	476.7
55°	2019.1	1811.6	1613.1	1431.2	1257.4	1104.0	961.1	841.1	728.8	626.9	525.4
52.5°	2337.6	2069.8	1831.0	1613.1	1415.2	1225.7	1066.9	914.4	794.8	678.5	570.8
50°	2674.7	2363.2	2069.8	1811.6	1574.6	1367.6	1169.6	1005.3	858.7	730.5	614.5
47.5°	3027.7	2674.7	2337.6	2019.1	1753.5	1505.1	1288.8	1095.7	920.6	785.5	656.8
45°	3379.1	2997.2	2614.5	2261.0	1926.7	1657.5	1410.4	1182.9	998.5	838.4	697.5
42.5°	3722.5	3315.6	2906.2	2495.1	2134.4	1811.1	1527.4	1285.7	1073.7	889.2	739.6
40°	4041.1	3626.1	3189.4	2755.9	2341.9	1959.5	1659.2	1387.2	1145.7	942.6	782.0
37.5°	4346.3	3917.0	3467.1	3005.7	2548.4	2141.6	1787.5	1484.0	1219.3	1003.3	822.3
35°	4607.5	4189.7	3732.2	3247.8	2767.7	2314.7	1909.4	1582.9	1301.5	1060.8	860.4
32.5°	4853.7	4439.6	3973.7	3480.3	2975.4	2478.4	2044.9	1686.7	1378.9	1114.9	896.3
30°	5069.7	4656.2	4200.6	3699.4	3172.4	2654.9	2184.6	1784.1	1451.5	1165.6	932.4
27.5°	5267.3	4859.4	4407.9	3897.6	3360.3	2821.4	2314.7	1874.8	1519.0	1217.4	973.3
25°	5446.5	5034.9	4582.3	4079.0	3534.3	2975.4	2435.0	1959.5	1589.3	1272.3	1011.1
22.5°	5599.7	5191.8	4742.6	4245.5	3693.7	3116.4	2553.6	2058.4	1657.5	1322.4	1045.5
20°	5739.1	5334.4	4888.0	4393.2	3834.4	3247.8	2669.0	2147.7	1719.0	1367.6	1076.5
17.5°	5862.5	5456.1	5007.6	4512.4	3957.5	3364.8	2771.7	2227.1	1773.7	1407.7	1104.0
15°	5963.6	5557.2	5110.5	4616.8	4065.1	3467.1	2861.4	2296.5	1821.4	1442.7	1128.0
12.5°	6050.3	5643.7	5198.4	4705.9	4157.0	3554.3	2937.8	2355.5	1862.0	1472.5	1148.5
10°	6121.9	5715.2	5270.9	4779.3	4232.6	3626.1	3000.6	2404.0	1895.3	1497.0	1165.2
7.5°	6178.1	5771.2	5327.7	4836.8	4291.8	3682.3	3049.8	2441.9	1921.4	1516.1	1178.3
5°	6218.5	5811.5	5368.5	4878.1	4334.2	3722.5	3085.0	2469.1	1940.0	1529.7	1187.7
2.5°	6242.9	5835.7	5393.1	4902.9	4359.8	3746.7	3106.1	2485.4	1951.3	1538.0	1193.3
0°	6251.0	5843.8	5401.3	4911.2	4368.3	3754.8	3113.2	2490.9	1955.0	1540.7	1195.2
-2.5°	6242.9	5835.7	5393.1	4902.9	4359.8	3746.7	3106.1	2485.4	1951.3	1538.0	1193.3
-5°	6218.5	5811.5	5368.5	4878.1	4334.2	3722.5	3085.0	2469.1	1940.0	1529.7	1187.7
-7.5°	6178.1	5771.2	5327.7	4836.8	4291.8	3682.3	3049.8	2441.9	1921.4	1516.1	1178.3
-10°	6121.9	5715.2	5270.9	4779.3	4232.6	3626.1	3000.6	2404.0	1895.3	1497.0	1165.2
-12.5°	6050.3	5643.7	5198.4	4705.9	4157.0	3554.3	2937.8	2355.5	1862.0	1472.5	1148.5
-15°	5963.6	5557.2	5110.5	4616.8	4065.1	3467.1	2861.4	2296.5	1821.4	1442.7	1128.0
-17.5°	5862.5	5456.1	5007.6	4512.4	3957.5	3364.8	2771.7	2227.1	1773.7	1407.7	1104.0
-20°	5739.1	5334.4	4888.0	4393.2	3834.4	3247.8	2669.0	2147.7	1719.0	1367.6	1076.5



REPORT NUMBER: P645550 (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°	5599.7	5191.8	4742.6	4245.5	3693.7	3116.4	2553.6	2058.4	1657.5	1322.4	1045.5
-25°	5446.5	5034.9	4582.3	4079.0	3534.3	2975.4	2435.0	1959.5	1589.3	1272.3	1011.1
-27.5°	5267.3	4859.4	4407.9	3897.6	3360.3	2821.4	2314.7	1874.8	1519.0	1217.4	973.3
-30°	5069.7	4656.2	4200.6	3699.4	3172.4	2654.9	2184.6	1784.1	1451.5	1165.6	932.4
-32.5°	4853.7	4439.6	3973.7	3480.3	2975.4	2478.4	2044.9	1686.7	1378.9	1114.9	896.3
-35°	4607.5	4189.7	3732.2	3247.8	2767.7	2314.7	1909.4	1582.9	1301.5	1060.8	860.4
-37.5°	4346.3	3917.0	3467.1	3005.7	2548.4	2141.6	1787.5	1484.0	1219.3	1003.3	822.3
-40°	4041.1	3626.1	3189.4	2755.9	2341.9	1959.5	1659.2	1387.2	1145.7	942.6	782.0
-42.5°	3722.5	3315.6	2906.2	2495.1	2134.4	1811.1	1527.4	1285.7	1073.7	889.2	739.6
-45°	3379.1	2997.2	2614.5	2261.0	1926.7	1657.5	1410.4	1182.9	998.5	838.4	697.5
-47.5°	3027.7	2674.7	2337.6	2019.1	1753.5	1505.1	1288.8	1095.7	920.6	785.5	656.8
-50°	2674.7	2363.2	2069.8	1811.6	1574.6	1367.6	1169.6	1005.3	858.7	730.5	614.5
-52.5°	2337.6	2069.8	1831.0	1613.1	1415.2	1225.7	1066.9	914.4	794.8	678.5	570.8
-55°	2019.1	1811.6	1613.1	1431.2	1257.4	1104.0	961.1	841.1	728.8	626.9	525.4
-57.5°	1753.5	1574.6	1415.2	1257.4	1116.5	985.8	869.1	765.9	667.4	573.8	476.7
-60°	1505.1	1367.6	1225.7	1104.0	985.8	878.5	784.5	691.8	606.2	518.8	426.7
-62.5°	1288.8	1169.6	1066.9	961.1	869.1	784.5	700.0	622.5	543.6	460.4	375.5
-65°	1095.7	1005.3	914.4	841.1	765.9	691.8	622.5	551.8	477.4	400.8	324.6
-67.5°	920.6	858.7	794.8	728.8	667.4	606.2	543.6	477.4	409.3	340.1	276.2
-70°	785.5	730.5	678.5	626.9	573.8	518.8	460.4	400.8	340.1	283.9	227.0
-72.5°	656.8	614.5	570.8	525.4	476.7	426.7	375.5	324.6	276.2	227.0	177.0
-75°	535.8	498.1	458.8	418.2	376.4	334.0	294.1	253.3	211.7	169.4	138.2
-77.5°	408.3	376.7	344.0	312.8	281.1	248.6	215.3	181.2	152.0	127.7	103.1
-80°	285.2	262.3	238.5	213.9	188.6	163.0	144.7	126.0	106.9	87.5	67.7
-82.5°	168.0	154.9	142.7	130.0	117.0	103.6	89.9	75.8	61.5	46.9	39.7
-85°	86.1	78.2	70.0	61.6	52.9	44.1	40.7	37.2	33.7	30.1	26.5
-87.5°	29.8	28.3	26.8	25.3	23.7	22.0	20.4	18.6	16.9	15.1	13.3
-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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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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REPORT NUMBER: P645550 (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°	11.4	9.5	7.7	5.8	3.8	1.9	0.0
85°	22.8	19.1	15.3	11.5	7.7	3.8	0.0
82.5°	34.2	28.6	22.9	17.2	11.5	5.8	0.0
80°	47.7	38.0	30.5	22.9	15.3	7.7	0.0
77.5°	78.2	53.0	38.0	28.6	19.1	9.5	0.0
75°	108.4	78.2	47.7	34.2	22.8	11.4	0.0
72.5°	138.2	103.1	67.7	39.7	26.5	13.3	0.0
70°	169.4	127.7	87.5	46.9	30.1	15.1	0.0
67.5°	211.7	152.0	106.9	61.5	33.7	16.9	0.0
65°	253.3	181.2	126.0	75.8	37.2	18.6	0.0
62.5°	294.1	215.3	144.7	89.9	40.7	20.4	0.0
60°	334.0	248.6	163.0	103.6	44.1	22.0	0.0
57.5°	376.4	281.1	188.6	117.0	52.9	23.7	0.0
55°	418.2	312.8	213.9	130.0	61.6	25.3	0.0
52.5°	458.8	344.0	238.5	142.7	70.0	26.8	0.0
50°	498.1	376.7	262.3	154.9	78.2	28.3	0.0
47.5°	535.8	408.3	285.2	168.0	86.1	29.8	0.0
45°	570.6	438.7	307.3	184.6	93.6	31.2	0.0
42.5°	604.0	467.8	328.4	200.4	100.8	32.5	0.0
40°	635.9	495.5	349.6	215.5	107.7	33.8	0.0
37.5°	666.2	522.0	370.7	229.8	114.3	35.0	0.0
35°	694.9	546.2	390.6	243.4	120.5	36.1	0.0
32.5°	722.9	568.6	409.3	256.1	126.3	37.2	0.0
30°	751.6	589.5	426.8	268.0	131.7	38.2	0.0
27.5°	778.2	609.0	443.0	279.0	136.8	39.1	0.0
25°	802.7	626.8	458.0	289.2	141.4	40.0	0.0
22.5°	825.0	643.1	471.6	298.4	145.6	40.7	0.0
20°	845.1	657.8	483.8	306.7	149.4	41.4	0.0
17.5°	862.9	670.8	494.7	314.1	152.8	42.1	0.0
15°	878.5	682.2	504.2	320.6	155.7	42.6	0.0
12.5°	891.7	691.8	512.2	326.0	158.2	43.1	0.0
10°	902.6	699.8	518.8	330.5	160.3	43.4	0.0
7.5°	911.1	705.9	524.0	334.0	161.8	43.7	0.0
5°	917.1	710.4	527.6	336.5	163.0	43.9	0.0
2.5°	920.8	713.0	529.9	338.0	163.7	44.1	0.0
0°	922.0	713.9	530.6	338.5	163.9	44.1	0.0
-2.5°	920.8	713.0	529.9	338.0	163.7	44.1	0.0
-5°	917.1	710.4	527.6	336.5	163.0	43.9	0.0
-7.5°	911.1	705.9	524.0	334.0	161.8	43.7	0.0
-10°	902.6	699.8	518.8	330.5	160.3	43.4	0.0
-12.5°	891.7	691.8	512.2	326.0	158.2	43.1	0.0
-15°	878.5	682.2	504.2	320.6	155.7	42.6	0.0
-17.5°	862.9	670.8	494.7	314.1	152.8	42.1	0.0
-20°	845.1	657.8	483.8	306.7	149.4	41.4	0.0

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REPORT NUMBER: P645550 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	825.0	643.1	471.6	298.4	145.6	40.7	0.0
-25°	802.7	626.8	458.0	289.2	141.4	40.0	0.0
-27.5°	778.2	609.0	443.0	279.0	136.8	39.1	0.0
-30°	751.6	589.5	426.8	268.0	131.7	38.2	0.0
-32.5°	722.9	568.6	409.3	256.1	126.3	37.2	0.0
-35°	694.9	546.2	390.6	243.4	120.5	36.1	0.0
-37.5°	666.2	522.0	370.7	229.8	114.3	35.0	0.0
-40°	635.9	495.5	349.6	215.5	107.7	33.8	0.0
-42.5°	604.0	467.8	328.4	200.4	100.8	32.5	0.0
-45°	570.6	438.7	307.3	184.6	93.6	31.2	0.0
-47.5°	535.8	408.3	285.2	168.0	86.1	29.8	0.0
-50°	498.1	376.7	262.3	154.9	78.2	28.3	0.0
-52.5°	458.8	344.0	238.5	142.7	70.0	26.8	0.0
-55°	418.2	312.8	213.9	130.0	61.6	25.3	0.0
-57.5°	376.4	281.1	188.6	117.0	52.9	23.7	0.0
-60°	334.0	248.6	163.0	103.6	44.1	22.0	0.0
-62.5°	294.1	215.3	144.7	89.9	40.7	20.4	0.0
-65°	253.3	181.2	126.0	75.8	37.2	18.6	0.0
-67.5°	211.7	152.0	106.9	61.5	33.7	16.9	0.0
-70°	169.4	127.7	87.5	46.9	30.1	15.1	0.0
-72.5°	138.2	103.1	67.7	39.7	26.5	13.3	0.0
-75°	108.4	78.2	47.7	34.2	22.8	11.4	0.0
-77.5°	78.2	53.0	38.0	28.6	19.1	9.5	0.0
-80°	47.7	38.0	30.5	22.9	15.3	7.7	0.0
-82.5°	34.2	28.6	22.9	17.2	11.5	5.8	0.0
-85°	22.8	19.1	15.3	11.5	7.7	3.8	0.0
-87.5°	11.4	9.5	7.7	5.8	3.8	1.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)