

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: P645574 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA6D-727-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645574 (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-SA6D-727-U-LAM-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, LAMBERTIAN
Light Source: (96) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

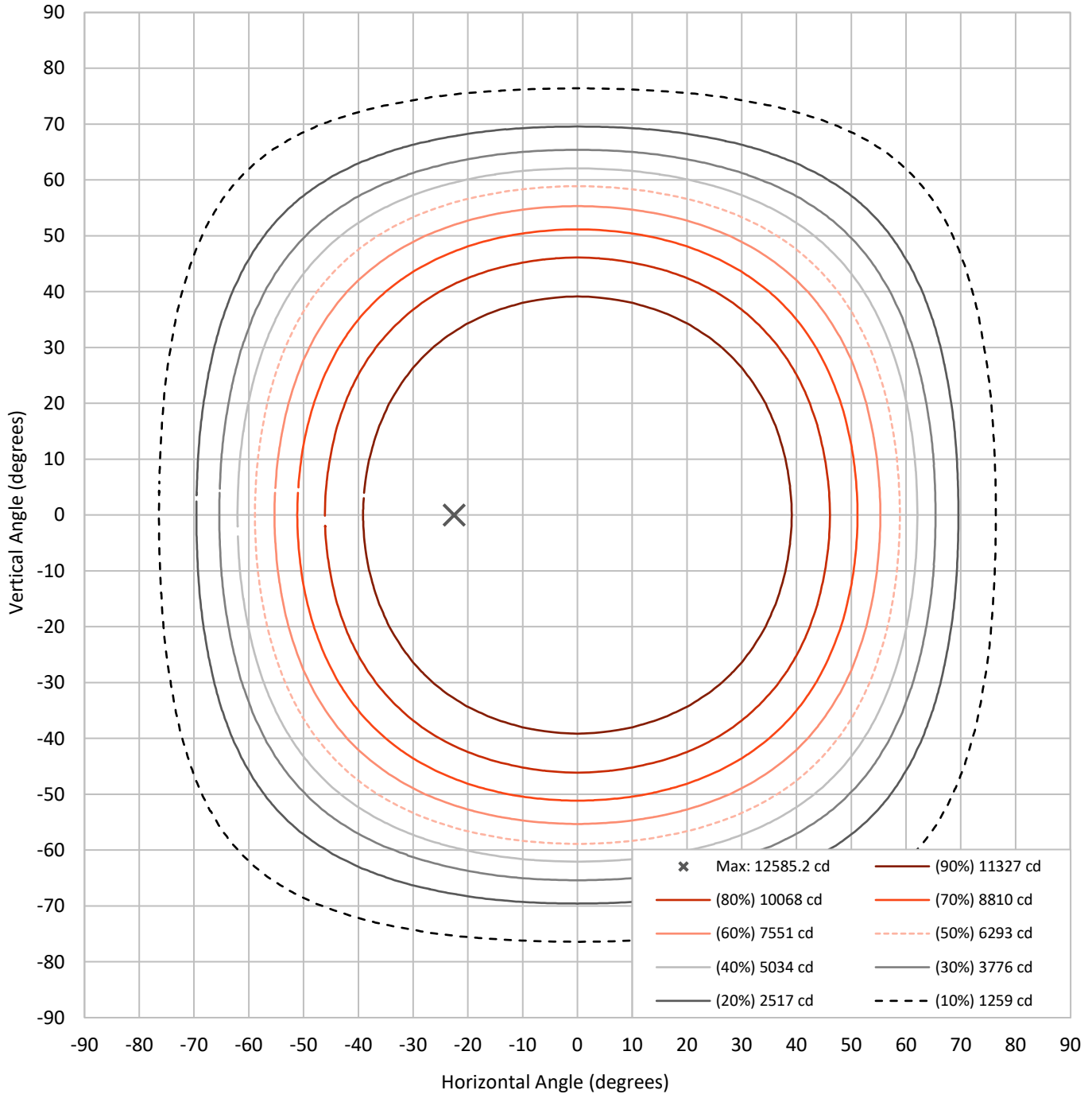
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	38498.9 lumens	Max Intensity:	12585.2 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	118.1 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:	32039.5 lumens	Field Lumens:	37741.7 lumens
Beam Efficiency:	83.2%	Field Efficiency:	98.0%
Input Watts (W):	325.9		
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		



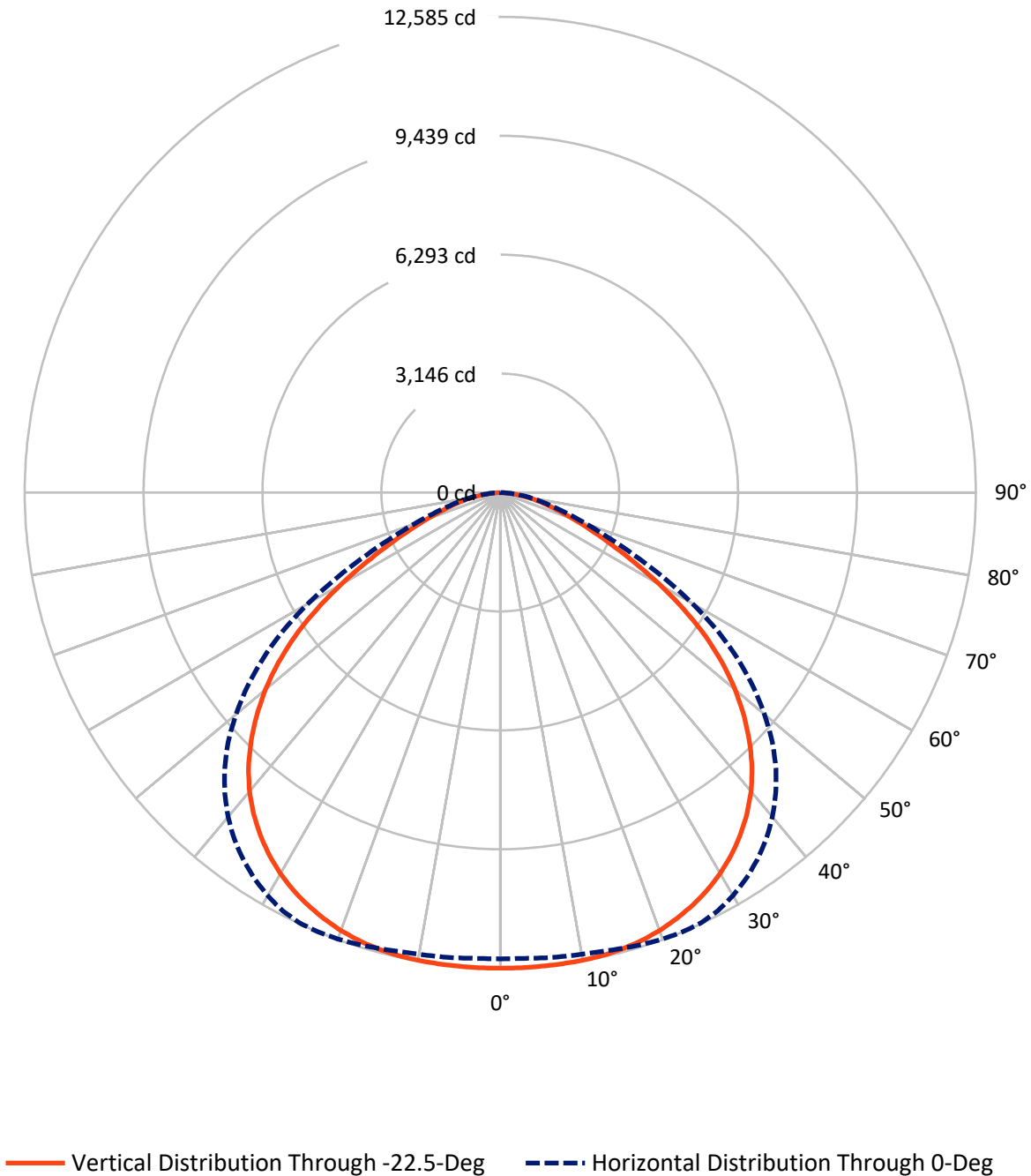
REPORT NUMBER: P645574 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot



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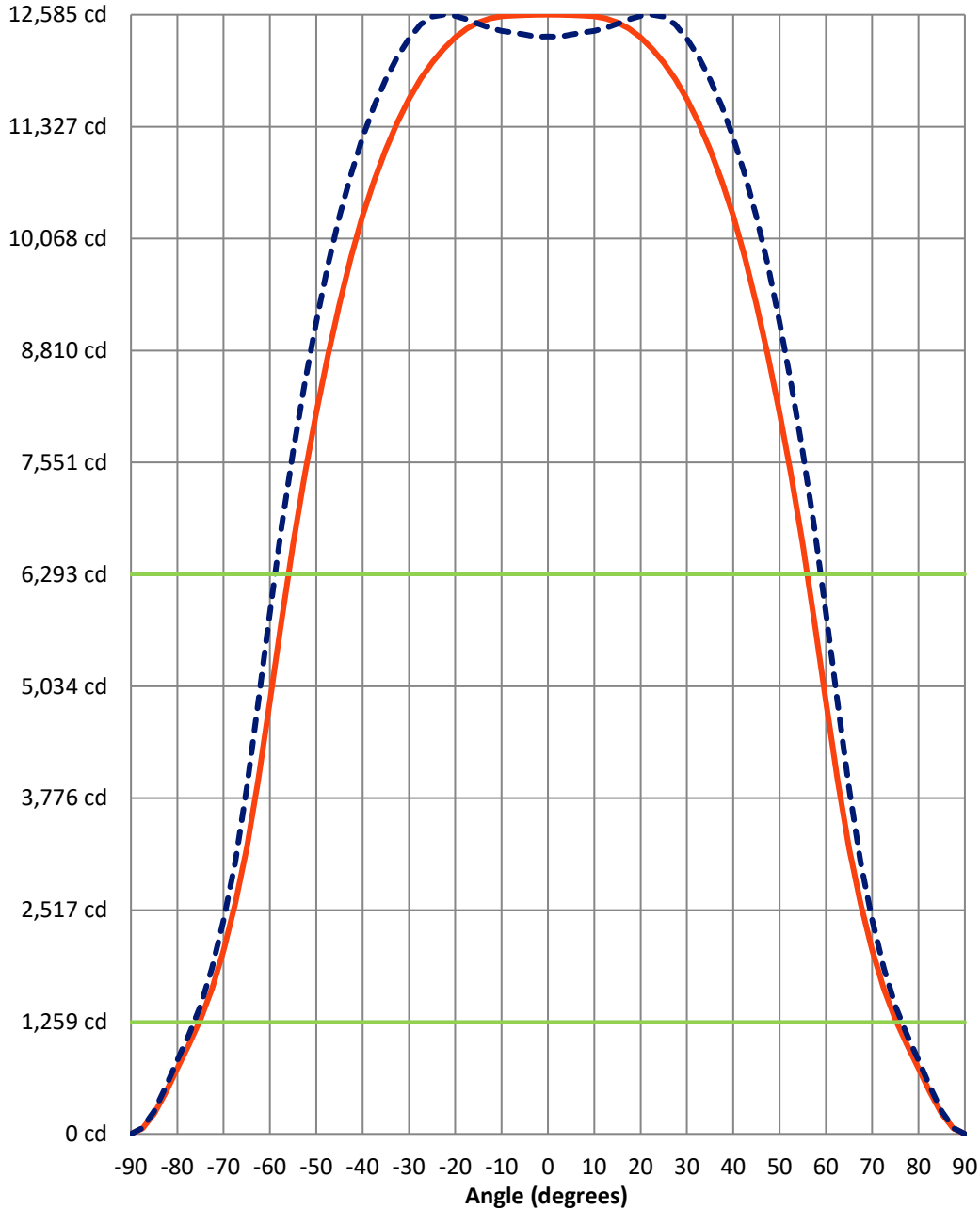
Luminous Intensity Polar Plot





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Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 32039.5
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 37741.7
 Efficiency: 98.0%

Spill:
 Lumens: 757.1
 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	3.0	6.0	9.0	11.9	14.9	17.8	20.7	23.5	26.3	29.1
85°	0.0	6.0	12.0	17.9	23.9	29.7	35.6	41.3	47.0	52.6	58.1
82.5°	0.0	9.0	17.9	26.9	35.7	44.6	53.3	61.9	73.2	96.0	118.4
80°	0.0	11.9	23.9	35.7	47.6	59.3	74.5	105.7	136.6	167.0	196.8
77.5°	0.0	14.9	29.7	44.6	59.3	82.7	122.1	161.1	199.6	237.5	283.2
75°	0.0	17.8	35.6	53.3	74.5	122.1	169.3	215.9	264.7	330.7	395.6
72.5°	0.0	20.7	41.3	61.9	105.7	161.1	215.9	276.6	354.6	431.4	507.0
70°	0.0	23.5	47.0	73.2	136.6	199.6	264.7	354.6	443.4	531.2	626.1
67.5°	0.0	26.3	52.6	96.0	167.0	237.5	330.7	431.4	531.2	639.3	745.7
65°	0.0	29.1	58.1	118.4	196.8	283.2	395.6	507.0	626.1	745.7	862.0
62.5°	0.0	31.8	63.5	140.4	226.1	336.3	459.3	586.5	719.2	849.3	972.5
60°	0.0	34.4	68.7	161.8	254.7	388.3	521.7	666.5	810.5	947.0	1080.8
57.5°	0.0	37.0	82.6	182.8	294.7	439.1	588.0	744.6	896.4	1042.6	1196.5
55°	0.0	39.5	96.2	203.2	334.2	488.5	653.3	820.7	979.4	1138.6	1314.0
52.5°	0.0	41.9	109.4	222.9	372.6	537.3	716.7	891.7	1060.0	1241.6	1428.4
50°	0.0	44.2	122.1	242.1	409.7	588.4	778.1	960.1	1141.3	1341.5	1570.5
47.5°	0.0	46.5	134.4	262.5	445.5	637.8	836.9	1026.1	1227.1	1438.1	1711.7
45°	0.0	48.6	146.2	288.3	480.0	685.2	891.4	1089.7	1309.7	1559.8	1847.9
42.5°	0.0	50.7	157.5	313.1	513.0	730.7	943.5	1155.5	1389.0	1677.3	2008.5
40°	0.0	52.7	168.3	336.6	546.0	774.1	993.4	1221.6	1472.6	1789.7	2167.1
37.5°	0.0	54.6	178.6	359.0	579.0	815.4	1040.7	1284.5	1567.3	1904.7	2318.4
35°	0.0	56.4	188.2	380.2	610.1	853.2	1085.5	1344.1	1657.1	2033.1	2472.7
32.5°	0.0	58.0	197.3	400.1	639.3	888.2	1129.4	1400.2	1741.7	2154.2	2635.0
30°	0.0	59.6	205.8	418.6	666.7	921.0	1174.1	1456.5	1820.9	2267.5	2787.1
27.5°	0.0	61.0	213.7	435.9	692.1	951.3	1215.7	1520.5	1901.7	2373.0	2928.7
25°	0.0	62.4	220.9	451.7	715.4	979.3	1253.9	1579.4	1987.5	2482.9	3061.0
22.5°	0.0	63.6	227.5	466.1	736.7	1004.7	1288.8	1633.2	2065.8	2589.3	3215.5
20°	0.0	64.6	233.5	479.1	755.8	1027.7	1320.2	1681.6	2136.4	2685.4	3355.0
17.5°	0.0	65.6	238.7	490.6	772.8	1048.0	1348.1	1724.7	2199.1	2770.8	3479.1
15°	0.0	66.5	243.3	500.7	787.6	1065.8	1372.4	1762.2	2253.8	2845.3	3587.4
12.5°	0.0	67.2	247.2	509.2	800.2	1080.8	1393.0	1794.1	2300.3	2908.7	3679.7
10°	0.0	67.8	250.4	516.2	810.5	1093.2	1410.0	1820.3	2338.6	2960.8	3755.5
7.5°	0.0	68.2	252.9	521.7	818.5	1102.9	1423.2	1840.7	2368.4	3001.5	3814.7
5°	0.0	68.5	254.7	525.6	824.3	1109.8	1432.7	1855.4	2389.8	3030.6	3857.2
2.5°	0.0	68.7	255.7	527.9	827.7	1113.9	1438.4	1864.2	2402.6	3048.2	3882.7
0°	0.0	68.8	256.1	528.7	828.9	1115.3	1440.3	1867.1	2406.9	3054.0	3891.2
-2.5°	0.0	68.7	255.7	527.9	827.7	1113.9	1438.4	1864.2	2402.6	3048.2	3882.7
-5°	0.0	68.5	254.7	525.6	824.3	1109.8	1432.7	1855.4	2389.8	3030.6	3857.2
-7.5°	0.0	68.2	252.9	521.7	818.5	1102.9	1423.2	1840.7	2368.4	3001.5	3814.7
-10°	0.0	67.8	250.4	516.2	810.5	1093.2	1410.0	1820.3	2338.6	2960.8	3755.5
-12.5°	0.0	67.2	247.2	509.2	800.2	1080.8	1393.0	1794.1	2300.3	2908.7	3679.7
-15°	0.0	66.5	243.3	500.7	787.6	1065.8	1372.4	1762.2	2253.8	2845.3	3587.4
-17.5°	0.0	65.6	238.7	490.6	772.8	1048.0	1348.1	1724.7	2199.1	2770.8	3479.1
-20°	0.0	64.6	233.5	479.1	755.8	1027.7	1320.2	1681.6	2136.4	2685.4	3355.0

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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	63.6	227.5	466.1	736.7	1004.7	1288.8	1633.2	2065.8	2589.3	3215.5
-25°	0.0	62.4	220.9	451.7	715.4	979.3	1253.9	1579.4	1987.5	2482.9	3061.0
-27.5°	0.0	61.0	213.7	435.9	692.1	951.3	1215.7	1520.5	1901.7	2373.0	2928.7
-30°	0.0	59.6	205.8	418.6	666.7	921.0	1174.1	1456.5	1820.9	2267.5	2787.1
-32.5°	0.0	58.0	197.3	400.1	639.3	888.2	1129.4	1400.2	1741.7	2154.2	2635.0
-35°	0.0	56.4	188.2	380.2	610.1	853.2	1085.5	1344.1	1657.1	2033.1	2472.7
-37.5°	0.0	54.6	178.6	359.0	579.0	815.4	1040.7	1284.5	1567.3	1904.7	2318.4
-40°	0.0	52.7	168.3	336.6	546.0	774.1	993.4	1221.6	1472.6	1789.7	2167.1
-42.5°	0.0	50.7	157.5	313.1	513.0	730.7	943.5	1155.5	1389.0	1677.3	2008.5
-45°	0.0	48.6	146.2	288.3	480.0	685.2	891.4	1089.7	1309.7	1559.8	1847.9
-47.5°	0.0	46.5	134.4	262.5	445.5	637.8	836.9	1026.1	1227.1	1438.1	1711.7
-50°	0.0	44.2	122.1	242.1	409.7	588.4	778.1	960.1	1141.3	1341.5	1570.5
-52.5°	0.0	41.9	109.4	222.9	372.6	537.3	716.7	891.7	1060.0	1241.6	1428.4
-55°	0.0	39.5	96.2	203.2	334.2	488.5	653.3	820.7	979.4	1138.6	1314.0
-57.5°	0.0	37.0	82.6	182.8	294.7	439.1	588.0	744.6	896.4	1042.6	1196.5
-60°	0.0	34.4	68.7	161.8	254.7	388.3	521.7	666.5	810.5	947.0	1080.8
-62.5°	0.0	31.8	63.5	140.4	226.1	336.3	459.3	586.5	719.2	849.3	972.5
-65°	0.0	29.1	58.1	118.4	196.8	283.2	395.6	507.0	626.1	745.7	862.0
-67.5°	0.0	26.3	52.6	96.0	167.0	237.5	330.7	431.4	531.2	639.3	745.7
-70°	0.0	23.5	47.0	73.2	136.6	199.6	264.7	354.6	443.4	531.2	626.1
-72.5°	0.0	20.7	41.3	61.9	105.7	161.1	215.9	276.6	354.6	431.4	507.0
-75°	0.0	17.8	35.6	53.3	74.5	122.1	169.3	215.9	264.7	330.7	395.6
-77.5°	0.0	14.9	29.7	44.6	59.3	82.7	122.1	161.1	199.6	237.5	283.2
-80°	0.0	11.9	23.9	35.7	47.6	59.3	74.5	105.7	136.6	167.0	196.8
-82.5°	0.0	9.0	17.9	26.9	35.7	44.6	53.3	61.9	73.2	96.0	118.4
-85°	0.0	6.0	12.0	17.9	23.9	29.7	35.6	41.3	47.0	52.6	58.1
-87.5°	0.0	3.0	6.0	9.0	11.9	14.9	17.8	20.7	23.5	26.3	29.1
-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°	31.8	34.4	37.0	39.5	41.9	44.2	46.5	48.6	50.7	52.7	54.6
85°	63.5	68.7	82.6	96.2	109.4	122.1	134.4	146.2	157.5	168.3	178.6
82.5°	140.4	161.8	182.8	203.2	222.9	242.1	262.5	288.3	313.1	336.6	359.0
80°	226.1	254.7	294.7	334.2	372.6	409.7	445.5	480.0	513.0	546.0	579.0
77.5°	336.3	388.3	439.1	488.5	537.3	588.4	637.8	685.2	730.7	774.1	815.4
75°	459.3	521.7	588.0	653.3	716.7	778.1	836.9	891.4	943.5	993.4	1040.7
72.5°	586.5	666.5	744.6	820.7	891.7	960.1	1026.1	1089.7	1155.5	1221.6	1284.5
70°	719.2	810.5	896.4	979.4	1060.0	1141.3	1227.1	1309.7	1389.0	1472.6	1567.3
67.5°	849.3	947.0	1042.6	1138.6	1241.6	1341.5	1438.1	1559.8	1677.3	1789.7	1904.7
65°	972.5	1080.8	1196.5	1314.0	1428.4	1570.5	1711.7	1847.9	2008.5	2167.1	2318.4
62.5°	1093.6	1225.6	1357.7	1501.4	1666.6	1827.1	2013.3	2203.2	2386.1	2592.0	2792.4
60°	1225.6	1372.4	1540.0	1724.7	1914.8	2136.4	2351.3	2589.3	2829.2	3061.0	3345.5
57.5°	1357.7	1540.0	1744.1	1964.2	2210.9	2459.8	2739.3	3009.8	3334.3	3658.5	3981.0
55°	1501.4	1724.7	1964.2	2235.8	2519.9	2830.0	3154.2	3532.0	3897.8	4305.2	4695.3
52.5°	1666.6	1914.8	2210.9	2519.9	2860.4	3233.4	3651.7	4084.3	4539.9	4982.3	5416.3
50°	1827.1	2136.4	2459.8	2830.0	3233.4	3691.8	4178.3	4682.1	5179.5	5664.8	6119.2
47.5°	2013.3	2351.3	2739.3	3154.2	3651.7	4178.3	4729.7	5278.8	5815.4	6313.1	6789.8
45°	2203.2	2589.3	3009.8	3532.0	4084.3	4682.1	5278.8	5865.8	6410.8	6925.1	7375.1
42.5°	2386.1	2829.2	3334.3	3897.8	4539.9	5179.5	5815.4	6410.8	6969.2	7464.5	7916.5
40°	2592.0	3061.0	3658.5	4305.2	4982.3	5664.8	6313.1	6925.1	7464.5	7957.7	8415.4
37.5°	2792.4	3345.5	3981.0	4695.3	5416.3	6119.2	6789.8	7375.1	7916.5	8415.4	8854.4
35°	2982.8	3616.0	4323.7	5073.6	5830.5	6545.1	7197.8	7793.7	8331.6	8815.7	9264.5
32.5°	3194.4	3871.7	4648.0	5437.0	6207.8	6935.4	7582.5	8165.4	8700.2	9191.8	9637.5
30°	3412.7	4147.4	4955.8	5779.2	6562.2	7273.9	7919.9	8510.1	9040.7	9526.2	9963.1
27.5°	3616.0	4407.5	5249.4	6088.8	6885.9	7591.3	8228.6	8809.7	9343.3	9832.1	10255.6
25°	3803.8	4648.0	5521.3	6372.3	7158.4	7865.6	8508.5	9089.2	9619.7	10088.9	10500.5
22.5°	3989.2	4868.3	5770.4	6632.3	7408.8	8110.6	8747.8	9330.0	9860.8	10325.6	10720.6
20°	4169.4	5073.6	5990.2	6863.0	7636.1	8333.3	8965.6	9546.7	10063.4	10513.4	10906.6
17.5°	4329.8	5256.5	6182.4	7049.2	7822.9	8523.5	9158.3	9741.3	10245.6	10682.8	11067.2
15°	4469.9	5416.3	6350.6	7212.3	7983.6	8681.4	9316.3	9892.9	10393.8	10827.4	11209.0
12.5°	4589.3	5552.6	6494.0	7351.5	8120.9	8816.6	9451.6	10020.2	10512.7	10940.7	11314.1
10°	4687.5	5664.8	6612.2	7466.3	8234.3	8928.2	9563.5	10125.7	10611.3	11034.8	11401.6
7.5°	4764.2	5752.5	6704.6	7556.1	8323.0	9015.7	9651.3	10208.5	10688.9	11108.9	11470.7
5°	4819.2	5815.4	6770.9	7620.6	8386.7	9078.6	9714.4	10268.1	10744.7	11162.4	11520.5
2.5°	4852.3	5853.2	6810.8	7659.3	8425.1	9116.5	9752.5	10304.0	10778.4	11194.7	11550.7
0°	4863.3	5865.8	6824.1	7672.3	8437.9	9129.1	9765.2	10316.0	10789.7	11205.5	11560.8
-2.5°	4852.3	5853.2	6810.8	7659.3	8425.1	9116.5	9752.5	10304.0	10778.4	11194.7	11550.7
-5°	4819.2	5815.4	6770.9	7620.6	8386.7	9078.6	9714.4	10268.1	10744.7	11162.4	11520.5
-7.5°	4764.2	5752.5	6704.6	7556.1	8323.0	9015.7	9651.3	10208.5	10688.9	11108.9	11470.7
-10°	4687.5	5664.8	6612.2	7466.3	8234.3	8928.2	9563.5	10125.7	10611.3	11034.8	11401.6
-12.5°	4589.3	5552.6	6494.0	7351.5	8120.9	8816.6	9451.6	10020.2	10512.7	10940.7	11314.1
-15°	4469.9	5416.3	6350.6	7212.3	7983.6	8681.4	9316.3	9892.9	10393.8	10827.4	11209.0
-17.5°	4329.8	5256.5	6182.4	7049.2	7822.9	8523.5	9158.3	9741.3	10245.6	10682.8	11067.2
-20°	4169.4	5073.6	5990.2	6863.0	7636.1	8333.3	8965.6	9546.7	10063.4	10513.4	10906.6

Classified

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Scaled Data Report



REPORT NUMBER: P645574 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6D-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°	3989.2	4868.3	5770.4	6632.3	7408.8	8110.6	8747.8	9330.0	9860.8	10325.6	10720.6
-25°	3803.8	4648.0	5521.3	6372.3	7158.4	7865.6	8508.5	9089.2	9619.7	10088.9	10500.5
-27.5°	3616.0	4407.5	5249.4	6088.8	6885.9	7591.3	8228.6	8809.7	9343.3	9832.1	10255.6
-30°	3412.7	4147.4	4955.8	5779.2	6562.2	7273.9	7919.9	8510.1	9040.7	9526.2	9963.1
-32.5°	3194.4	3871.7	4648.0	5437.0	6207.8	6935.4	7582.5	8165.4	8700.2	9191.8	9637.5
-35°	2982.8	3616.0	4323.7	5073.6	5830.5	6545.1	7197.8	7793.7	8331.6	8815.7	9264.5
-37.5°	2792.4	3345.5	3981.0	4695.3	5416.3	6119.2	6789.8	7375.1	7916.5	8415.4	8854.4
-40°	2592.0	3061.0	3658.5	4305.2	4982.3	5664.8	6313.1	6925.1	7464.5	7957.7	8415.4
-42.5°	2386.1	2829.2	3334.3	3897.8	4539.9	5179.5	5815.4	6410.8	6969.2	7464.5	7916.5
-45°	2203.2	2589.3	3009.8	3532.0	4084.3	4682.1	5278.8	5865.8	6410.8	6925.1	7375.1
-47.5°	2013.3	2351.3	2739.3	3154.2	3651.7	4178.3	4729.7	5278.8	5815.4	6313.1	6789.8
-50°	1827.1	2136.4	2459.8	2830.0	3233.4	3691.8	4178.3	4682.1	5179.5	5664.8	6119.2
-52.5°	1666.6	1914.8	2210.9	2519.9	2860.4	3233.4	3651.7	4084.3	4539.9	4982.3	5416.3
-55°	1501.4	1724.7	1964.2	2235.8	2519.9	2830.0	3154.2	3532.0	3897.8	4305.2	4695.3
-57.5°	1357.7	1540.0	1744.1	1964.2	2210.9	2459.8	2739.3	3009.8	3334.3	3658.5	3981.0
-60°	1225.6	1372.4	1540.0	1724.7	1914.8	2136.4	2351.3	2589.3	2829.2	3061.0	3345.5
-62.5°	1093.6	1225.6	1357.7	1501.4	1666.6	1827.1	2013.3	2203.2	2386.1	2592.0	2792.4
-65°	972.5	1080.8	1196.5	1314.0	1428.4	1570.5	1711.7	1847.9	2008.5	2167.1	2318.4
-67.5°	849.3	947.0	1042.6	1138.6	1241.6	1341.5	1438.1	1559.8	1677.3	1789.7	1904.7
-70°	719.2	810.5	896.4	979.4	1060.0	1141.3	1227.1	1309.7	1389.0	1472.6	1567.3
-72.5°	586.5	666.5	744.6	820.7	891.7	960.1	1026.1	1089.7	1155.5	1221.6	1284.5
-75°	459.3	521.7	588.0	653.3	716.7	778.1	836.9	891.4	943.5	993.4	1040.7
-77.5°	336.3	388.3	439.1	488.5	537.3	588.4	637.8	685.2	730.7	774.1	815.4
-80°	226.1	254.7	294.7	334.2	372.6	409.7	445.5	480.0	513.0	546.0	579.0
-82.5°	140.4	161.8	182.8	203.2	222.9	242.1	262.5	288.3	313.1	336.6	359.0
-85°	63.5	68.7	82.6	96.2	109.4	122.1	134.4	146.2	157.5	168.3	178.6
-87.5°	31.8	34.4	37.0	39.5	41.9	44.2	46.5	48.6	50.7	52.7	54.6
-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: P645574 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	56.4	58.0	59.6	61.0	62.4	63.6	64.6	65.6	66.5	67.2	67.8
85°	188.2	197.3	205.8	213.7	220.9	227.5	233.5	238.7	243.3	247.2	250.4
82.5°	380.2	400.1	418.6	435.9	451.7	466.1	479.1	490.6	500.7	509.2	516.2
80°	610.1	639.3	666.7	692.1	715.4	736.7	755.8	772.8	787.6	800.2	810.5
77.5°	853.2	888.2	921.0	951.3	979.3	1004.7	1027.7	1048.0	1065.8	1080.8	1093.2
75°	1085.5	1129.4	1174.1	1215.7	1253.9	1288.8	1320.2	1348.1	1372.4	1393.0	1410.0
72.5°	1344.1	1400.2	1456.5	1520.5	1579.4	1633.2	1681.6	1724.7	1762.2	1794.1	1820.3
70°	1657.1	1741.7	1820.9	1901.7	1987.5	2065.8	2136.4	2199.1	2253.8	2300.3	2338.6
67.5°	2033.1	2154.2	2267.5	2373.0	2482.9	2589.3	2685.4	2770.8	2845.3	2908.7	2960.8
65°	2472.7	2635.0	2787.1	2928.7	3061.0	3215.5	3355.0	3479.1	3587.4	3679.7	3755.5
62.5°	2982.8	3194.4	3412.7	3616.0	3803.8	3989.2	4169.4	4329.8	4469.9	4589.3	4687.5
60°	3616.0	3871.7	4147.4	4407.5	4648.0	4868.3	5073.6	5256.5	5416.3	5552.6	5664.8
57.5°	4323.7	4648.0	4955.8	5249.4	5521.3	5770.4	5990.2	6182.4	6350.6	6494.0	6612.2
55°	5073.6	5437.0	5779.2	6088.8	6372.3	6632.3	6863.0	7049.2	7212.3	7351.5	7466.3
52.5°	5830.5	6207.8	6562.2	6885.9	7158.4	7408.8	7636.1	7822.9	7983.6	8120.9	8234.3
50°	6545.1	6935.4	7273.9	7591.3	7865.6	8110.6	8333.3	8523.5	8681.4	8816.6	8928.2
47.5°	7197.8	7582.5	7919.9	8228.6	8508.5	8747.8	8965.6	9158.3	9316.3	9451.6	9563.5
45°	7793.7	8165.4	8510.1	8809.7	9089.2	9330.0	9546.7	9741.3	9892.9	10020.2	10125.7
42.5°	8331.6	8700.2	9040.7	9343.3	9619.7	9860.8	10063.4	10245.6	10393.8	10512.7	10611.3
40°	8815.7	9191.8	9526.2	9832.1	10088.9	10325.6	10513.4	10682.8	10827.4	10940.7	11034.8
37.5°	9264.5	9637.5	9963.1	10255.6	10500.5	10720.6	10906.6	11067.2	11209.0	11314.1	11401.6
35°	9674.9	10029.3	10351.4	10619.5	10862.3	11069.6	11252.6	11400.8	11532.6	11632.7	11712.5
32.5°	10029.3	10380.7	10679.8	10943.7	11180.7	11374.1	11549.8	11685.5	11805.0	11901.4	11975.5
30°	10351.4	10679.8	10971.1	11232.5	11448.5	11636.9	11795.0	11927.5	12037.9	12129.9	12195.1
27.5°	10619.5	10943.7	11232.5	11473.6	11680.3	11861.6	12006.3	12133.9	12230.3	12314.9	12371.0
25°	10862.3	11180.7	11448.5	11680.3	11881.0	12046.5	12184.2	12299.8	12385.3	12457.8	12499.6
22.5°	11069.6	11374.1	11636.9	11861.6	12046.5	12201.2	12331.0	12428.9	12498.9	12542.7	12567.5
20°	11252.6	11549.8	11795.0	12006.3	12184.2	12331.0	12443.7	12516.1	12564.8	12576.9	12583.9
17.5°	11400.8	11685.5	11927.5	12133.9	12299.8	12428.9	12516.1	12567.1	12581.7	12579.1	12571.8
15°	11532.6	11805.0	12037.9	12230.3	12385.3	12498.9	12564.8	12581.7	12577.4	12562.7	12540.0
12.5°	11632.7	11901.4	12129.9	12314.9	12457.8	12542.7	12576.9	12579.1	12562.7	12534.5	12502.3
10°	11712.5	11975.5	12195.1	12371.0	12499.6	12567.5	12583.9	12571.8	12540.0	12502.3	12466.6
7.5°	11775.6	12034.3	12247.0	12415.8	12526.9	12575.0	12578.6	12555.9	12517.7	12474.8	12436.2
5°	11821.3	12077.0	12284.7	12448.5	12546.9	12580.6	12574.7	12543.4	12499.0	12454.2	12418.9
2.5°	11848.9	12102.8	12307.6	12468.4	12559.1	12584.0	12572.2	12535.6	12487.3	12441.1	12407.5
0°	11858.2	12111.5	12315.3	12475.1	12563.2	12585.2	12571.4	12532.9	12483.3	12436.5	12403.5
-2.5°	11848.9	12102.8	12307.6	12468.4	12559.1	12584.0	12572.2	12535.6	12487.3	12441.1	12407.5
-5°	11821.3	12077.0	12284.7	12448.5	12546.9	12580.6	12574.7	12543.4	12499.0	12454.2	12418.9
-7.5°	11775.6	12034.3	12247.0	12415.8	12526.9	12575.0	12578.6	12555.9	12517.7	12474.8	12436.2
-10°	11712.5	11975.5	12195.1	12371.0	12499.6	12567.5	12583.9	12571.8	12540.0	12502.3	12466.6
-12.5°	11632.7	11901.4	12129.9	12314.9	12457.8	12542.7	12576.9	12579.1	12562.7	12534.5	12502.3
-15°	11532.6	11805.0	12037.9	12230.3	12385.3	12498.9	12564.8	12581.7	12577.4	12562.7	12540.0
-17.5°	11400.8	11685.5	11927.5	12133.9	12299.8	12428.9	12516.1	12567.1	12581.7	12579.1	12571.8
-20°	11252.6	11549.8	11795.0	12006.3	12184.2	12331.0	12443.7	12516.1	12564.8	12576.9	12583.9

Classified

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

Scaled Data Report



REPORT NUMBER: P645574 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6D-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°	11069.6	11374.1	11636.9	11861.6	12046.5	12201.2	12331.0	12428.9	12498.9	12542.7	12567.5
-25°	10862.3	11180.7	11448.5	11680.3	11881.0	12046.5	12184.2	12299.8	12385.3	12457.8	12499.6
-27.5°	10619.5	10943.7	11232.5	11473.6	11680.3	11861.6	12006.3	12133.9	12230.3	12314.9	12371.0
-30°	10351.4	10679.8	10971.1	11232.5	11448.5	11636.9	11795.0	11927.5	12037.9	12129.9	12195.1
-32.5°	10029.3	10380.7	10679.8	10943.7	11180.7	11374.1	11549.8	11685.5	11805.0	11901.4	11975.5
-35°	9674.9	10029.3	10351.4	10619.5	10862.3	11069.6	11252.6	11400.8	11532.6	11632.7	11712.5
-37.5°	9264.5	9637.5	9963.1	10255.6	10500.5	10720.6	10906.6	11067.2	11209.0	11314.1	11401.6
-40°	8815.7	9191.8	9526.2	9832.1	10088.9	10325.6	10513.4	10682.8	10827.4	10940.7	11034.8
-42.5°	8331.6	8700.2	9040.7	9343.3	9619.7	9860.8	10063.4	10245.6	10393.8	10512.7	10611.3
-45°	7793.7	8165.4	8510.1	8809.7	9089.2	9330.0	9546.7	9741.3	9892.9	10020.2	10125.7
-47.5°	7197.8	7582.5	7919.9	8228.6	8508.5	8747.8	8965.6	9158.3	9316.3	9451.6	9563.5
-50°	6545.1	6935.4	7273.9	7591.3	7865.6	8110.6	8333.3	8523.5	8681.4	8816.6	8928.2
-52.5°	5830.5	6207.8	6562.2	6885.9	7158.4	7408.8	7636.1	7822.9	7983.6	8120.9	8234.3
-55°	5073.6	5437.0	5779.2	6088.8	6372.3	6632.3	6863.0	7049.2	7212.3	7351.5	7466.3
-57.5°	4323.7	4648.0	4955.8	5249.4	5521.3	5770.4	5990.2	6182.4	6350.6	6494.0	6612.2
-60°	3616.0	3871.7	4147.4	4407.5	4648.0	4868.3	5073.6	5256.5	5416.3	5552.6	5664.8
-62.5°	2982.8	3194.4	3412.7	3616.0	3803.8	3989.2	4169.4	4329.8	4469.9	4589.3	4687.5
-65°	2472.7	2635.0	2787.1	2928.7	3061.0	3215.5	3355.0	3479.1	3587.4	3679.7	3755.5
-67.5°	2033.1	2154.2	2267.5	2373.0	2482.9	2589.3	2685.4	2770.8	2845.3	2908.7	2960.8
-70°	1657.1	1741.7	1820.9	1901.7	1987.5	2065.8	2136.4	2199.1	2253.8	2300.3	2338.6
-72.5°	1344.1	1400.2	1456.5	1520.5	1579.4	1633.2	1681.6	1724.7	1762.2	1794.1	1820.3
-75°	1085.5	1129.4	1174.1	1215.7	1253.9	1288.8	1320.2	1348.1	1372.4	1393.0	1410.0
-77.5°	853.2	888.2	921.0	951.3	979.3	1004.7	1027.7	1048.0	1065.8	1080.8	1093.2
-80°	610.1	639.3	666.7	692.1	715.4	736.7	755.8	772.8	787.6	800.2	810.5
-82.5°	380.2	400.1	418.6	435.9	451.7	466.1	479.1	490.6	500.7	509.2	516.2
-85°	188.2	197.3	205.8	213.7	220.9	227.5	233.5	238.7	243.3	247.2	250.4
-87.5°	56.4	58.0	59.6	61.0	62.4	63.6	64.6	65.6	66.5	67.2	67.8
-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: P645574 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	68.2	68.5	68.7	68.8	68.7	68.5	68.2	67.8	67.2	66.5	65.6
85°	252.9	254.7	255.7	256.1	255.7	254.7	252.9	250.4	247.2	243.3	238.7
82.5°	521.7	525.6	527.9	528.7	527.9	525.6	521.7	516.2	509.2	500.7	490.6
80°	818.5	824.3	827.7	828.9	827.7	824.3	818.5	810.5	800.2	787.6	772.8
77.5°	1102.9	1109.8	1113.9	1115.3	1113.9	1109.8	1102.9	1093.2	1080.8	1065.8	1048.0
75°	1423.2	1432.7	1438.4	1440.3	1438.4	1432.7	1423.2	1410.0	1393.0	1372.4	1348.1
72.5°	1840.7	1855.4	1864.2	1867.1	1864.2	1855.4	1840.7	1820.3	1794.1	1762.2	1724.7
70°	2368.4	2389.8	2402.6	2406.9	2402.6	2389.8	2368.4	2338.6	2300.3	2253.8	2199.1
67.5°	3001.5	3030.6	3048.2	3054.0	3048.2	3030.6	3001.5	2960.8	2908.7	2845.3	2770.8
65°	3814.7	3857.2	3882.7	3891.2	3882.7	3857.2	3814.7	3755.5	3679.7	3587.4	3479.1
62.5°	4764.2	4819.2	4852.3	4863.3	4852.3	4819.2	4764.2	4687.5	4589.3	4469.9	4329.8
60°	5752.5	5815.4	5853.2	5865.8	5853.2	5815.4	5752.5	5664.8	5552.6	5416.3	5256.5
57.5°	6704.6	6770.9	6810.8	6824.1	6810.8	6770.9	6704.6	6612.2	6494.0	6350.6	6182.4
55°	7556.1	7620.6	7659.3	7672.3	7659.3	7620.6	7556.1	7466.3	7351.5	7212.3	7049.2
52.5°	8323.0	8386.7	8425.1	8437.9	8425.1	8386.7	8323.0	8234.3	8120.9	7983.6	7822.9
50°	9015.7	9078.6	9116.5	9129.1	9116.5	9078.6	9015.7	8928.2	8816.6	8681.4	8523.5
47.5°	9651.3	9714.4	9752.5	9765.2	9752.5	9714.4	9651.3	9563.5	9451.6	9316.3	9158.3
45°	10208.5	10268.1	10304.0	10316.0	10304.0	10268.1	10208.5	10125.7	10020.2	9892.9	9741.3
42.5°	10688.9	10744.7	10778.4	10789.7	10778.4	10744.7	10688.9	10611.3	10512.7	10393.8	10245.6
40°	11108.9	11162.4	11194.7	11205.5	11194.7	11162.4	11108.9	11034.8	10940.7	10827.4	10682.8
37.5°	11470.7	11520.5	11550.7	11560.8	11550.7	11520.5	11470.7	11401.6	11314.1	11209.0	11067.2
35°	11775.6	11821.3	11848.9	11858.2	11848.9	11821.3	11775.6	11712.5	11632.7	11532.6	11400.8
32.5°	12034.3	12077.0	12102.8	12111.5	12102.8	12077.0	12034.3	11975.5	11901.4	11805.0	11685.5
30°	12247.0	12284.7	12307.6	12315.3	12307.6	12284.7	12247.0	12195.1	12129.9	12037.9	11927.5
27.5°	12415.8	12448.5	12468.4	12475.1	12468.4	12448.5	12415.8	12371.0	12314.9	12230.3	12133.9
25°	12526.9	12546.9	12559.1	12563.2	12559.1	12546.9	12526.9	12499.6	12457.8	12385.3	12299.8
22.5°	12575.0	12580.6	12584.0	12585.2	12584.0	12580.6	12575.0	12567.5	12542.7	12498.9	12428.9
20°	12578.6	12574.7	12572.2	12571.4	12572.2	12574.7	12578.6	12583.9	12576.9	12564.8	12516.1
17.5°	12555.9	12543.4	12535.6	12532.9	12535.6	12543.4	12555.9	12571.8	12579.1	12581.7	12567.1
15°	12517.7	12499.0	12487.3	12483.3	12487.3	12499.0	12517.7	12540.0	12562.7	12577.4	12581.7
12.5°	12474.8	12454.2	12441.1	12436.5	12441.1	12454.2	12474.8	12502.3	12534.5	12562.7	12579.1
10°	12436.2	12418.9	12407.5	12403.5	12407.5	12418.9	12436.2	12466.6	12502.3	12540.0	12571.8
7.5°	12411.3	12395.8	12387.3	12384.2	12387.3	12395.8	12411.3	12436.2	12474.8	12517.7	12555.9
5°	12395.8	12380.4	12367.3	12362.1	12367.3	12380.4	12395.8	12418.9	12454.2	12499.0	12543.4
2.5°	12387.3	12367.3	12347.6	12337.4	12347.6	12367.3	12387.3	12407.5	12441.1	12487.3	12535.6
0°	12384.2	12362.1	12337.4	12340.1	12337.4	12362.1	12384.2	12403.5	12436.5	12483.3	12532.9
-2.5°	12387.3	12367.3	12347.6	12337.4	12347.6	12367.3	12387.3	12407.5	12441.1	12487.3	12535.6
-5°	12395.8	12380.4	12367.3	12362.1	12367.3	12380.4	12395.8	12418.9	12454.2	12499.0	12543.4
-7.5°	12411.3	12395.8	12387.3	12384.2	12387.3	12395.8	12411.3	12436.2	12474.8	12517.7	12555.9
-10°	12436.2	12418.9	12407.5	12403.5	12407.5	12418.9	12436.2	12466.6	12502.3	12540.0	12571.8
-12.5°	12474.8	12454.2	12441.1	12436.5	12441.1	12454.2	12474.8	12502.3	12534.5	12562.7	12579.1
-15°	12517.7	12499.0	12487.3	12483.3	12487.3	12499.0	12517.7	12540.0	12562.7	12577.4	12581.7
-17.5°	12555.9	12543.4	12535.6	12532.9	12535.6	12543.4	12555.9	12571.8	12579.1	12581.7	12567.1
-20°	12578.6	12574.7	12572.2	12571.4	12572.2	12574.7	12578.6	12583.9	12576.9	12564.8	12516.1



REPORT NUMBER: P645574 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	12575.0	12580.6	12584.0	12585.2	12584.0	12580.6	12575.0	12567.5	12542.7	12498.9	12428.9
-25°	12526.9	12546.9	12559.1	12563.2	12559.1	12546.9	12526.9	12499.6	12457.8	12385.3	12299.8
-27.5°	12415.8	12448.5	12468.4	12475.1	12468.4	12448.5	12415.8	12371.0	12314.9	12230.3	12133.9
-30°	12247.0	12284.7	12307.6	12315.3	12307.6	12284.7	12247.0	12195.1	12129.9	12037.9	11927.5
-32.5°	12034.3	12077.0	12102.8	12111.5	12102.8	12077.0	12034.3	11975.5	11901.4	11805.0	11685.5
-35°	11775.6	11821.3	11848.9	11858.2	11848.9	11821.3	11775.6	11712.5	11632.7	11532.6	11400.8
-37.5°	11470.7	11520.5	11550.7	11560.8	11550.7	11520.5	11470.7	11401.6	11314.1	11209.0	11067.2
-40°	11108.9	11162.4	11194.7	11205.5	11194.7	11162.4	11108.9	11034.8	10940.7	10827.4	10682.8
-42.5°	10688.9	10744.7	10778.4	10789.7	10778.4	10744.7	10688.9	10611.3	10512.7	10393.8	10245.6
-45°	10208.5	10268.1	10304.0	10316.0	10304.0	10268.1	10208.5	10125.7	10020.2	9892.9	9741.3
-47.5°	9651.3	9714.4	9752.5	9765.2	9752.5	9714.4	9651.3	9563.5	9451.6	9316.3	9158.3
-50°	9015.7	9078.6	9116.5	9129.1	9116.5	9078.6	9015.7	8928.2	8816.6	8681.4	8523.5
-52.5°	8323.0	8386.7	8425.1	8437.9	8425.1	8386.7	8323.0	8234.3	8120.9	7983.6	7822.9
-55°	7556.1	7620.6	7659.3	7672.3	7659.3	7620.6	7556.1	7466.3	7351.5	7212.3	7049.2
-57.5°	6704.6	6770.9	6810.8	6824.1	6810.8	6770.9	6704.6	6612.2	6494.0	6350.6	6182.4
-60°	5752.5	5815.4	5853.2	5865.8	5853.2	5815.4	5752.5	5664.8	5552.6	5416.3	5256.5
-62.5°	4764.2	4819.2	4852.3	4863.3	4852.3	4819.2	4764.2	4687.5	4589.3	4469.9	4329.8
-65°	3814.7	3857.2	3882.7	3891.2	3882.7	3857.2	3814.7	3755.5	3679.7	3587.4	3479.1
-67.5°	3001.5	3030.6	3048.2	3054.0	3048.2	3030.6	3001.5	2960.8	2908.7	2845.3	2770.8
-70°	2368.4	2389.8	2402.6	2406.9	2402.6	2389.8	2368.4	2338.6	2300.3	2253.8	2199.1
-72.5°	1840.7	1855.4	1864.2	1867.1	1864.2	1855.4	1840.7	1820.3	1794.1	1762.2	1724.7
-75°	1423.2	1432.7	1438.4	1440.3	1438.4	1432.7	1423.2	1410.0	1393.0	1372.4	1348.1
-77.5°	1102.9	1109.8	1113.9	1115.3	1113.9	1109.8	1102.9	1093.2	1080.8	1065.8	1048.0
-80°	818.5	824.3	827.7	828.9	827.7	824.3	818.5	810.5	800.2	787.6	772.8
-82.5°	521.7	525.6	527.9	528.7	527.9	525.6	521.7	516.2	509.2	500.7	490.6
-85°	252.9	254.7	255.7	256.1	255.7	254.7	252.9	250.4	247.2	243.3	238.7
-87.5°	68.2	68.5	68.7	68.8	68.7	68.5	68.2	67.8	67.2	66.5	65.6
-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: P645574 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	64.6	63.6	62.4	61.0	59.6	58.0	56.4	54.6	52.7	50.7	48.6
85°	233.5	227.5	220.9	213.7	205.8	197.3	188.2	178.6	168.3	157.5	146.2
82.5°	479.1	466.1	451.7	435.9	418.6	400.1	380.2	359.0	336.6	313.1	288.3
80°	755.8	736.7	715.4	692.1	666.7	639.3	610.1	579.0	546.0	513.0	480.0
77.5°	1027.7	1004.7	979.3	951.3	921.0	888.2	853.2	815.4	774.1	730.7	685.2
75°	1320.2	1288.8	1253.9	1215.7	1174.1	1129.4	1085.5	1040.7	993.4	943.5	891.4
72.5°	1681.6	1633.2	1579.4	1520.5	1456.5	1400.2	1344.1	1284.5	1221.6	1155.5	1089.7
70°	2136.4	2065.8	1987.5	1901.7	1820.9	1741.7	1657.1	1567.3	1472.6	1389.0	1309.7
67.5°	2685.4	2589.3	2482.9	2373.0	2267.5	2154.2	2033.1	1904.7	1789.7	1677.3	1559.8
65°	3355.0	3215.5	3061.0	2928.7	2787.1	2635.0	2472.7	2318.4	2167.1	2008.5	1847.9
62.5°	4169.4	3989.2	3803.8	3616.0	3412.7	3194.4	2982.8	2792.4	2592.0	2386.1	2203.2
60°	5073.6	4868.3	4648.0	4407.5	4147.4	3871.7	3616.0	3345.5	3061.0	2829.2	2589.3
57.5°	5990.2	5770.4	5521.3	5249.4	4955.8	4648.0	4323.7	3981.0	3658.5	3334.3	3009.8
55°	6863.0	6632.3	6372.3	6088.8	5779.2	5437.0	5073.6	4695.3	4305.2	3897.8	3532.0
52.5°	7636.1	7408.8	7158.4	6885.9	6562.2	6207.8	5830.5	5416.3	4982.3	4539.9	4084.3
50°	8333.3	8110.6	7865.6	7591.3	7273.9	6935.4	6545.1	6119.2	5664.8	5179.5	4682.1
47.5°	8965.6	8747.8	8508.5	8228.6	7919.9	7582.5	7197.8	6789.8	6313.1	5815.4	5278.8
45°	9546.7	9330.0	9089.2	8809.7	8510.1	8165.4	7793.7	7375.1	6925.1	6410.8	5865.8
42.5°	10063.4	9860.8	9619.7	9343.3	9040.7	8700.2	8331.6	7916.5	7464.5	6969.2	6410.8
40°	10513.4	10325.6	10088.9	9832.1	9526.2	9191.8	8815.7	8415.4	7957.7	7464.5	6925.1
37.5°	10906.6	10720.6	10500.5	10255.6	9963.1	9637.5	9264.5	8854.4	8415.4	7916.5	7375.1
35°	11252.6	11069.6	10862.3	10619.5	10351.4	10029.3	9674.9	9264.5	8815.7	8331.6	7793.7
32.5°	11549.8	11374.1	11180.7	10943.7	10679.8	10380.7	10029.3	9637.5	9191.8	8700.2	8165.4
30°	11795.0	11636.9	11448.5	11232.5	10971.1	10679.8	10351.4	9963.1	9526.2	9040.7	8510.1
27.5°	12006.3	11861.6	11680.3	11473.6	11232.5	10943.7	10619.5	10255.6	9832.1	9343.3	8809.7
25°	12184.2	12046.5	11881.0	11680.3	11448.5	11180.7	10862.3	10500.5	10088.9	9619.7	9089.2
22.5°	12331.0	12201.2	12046.5	11861.6	11636.9	11374.1	11069.6	10720.6	10325.6	9860.8	9330.0
20°	12443.7	12331.0	12184.2	12006.3	11795.0	11549.8	11252.6	10906.6	10513.4	10063.4	9546.7
17.5°	12516.1	12428.9	12299.8	12133.9	11927.5	11685.5	11400.8	11067.2	10682.8	10245.6	9741.3
15°	12564.8	12498.9	12385.3	12230.3	12037.9	11805.0	11532.6	11209.0	10827.4	10393.8	9892.9
12.5°	12576.9	12542.7	12457.8	12314.9	12129.9	11901.4	11632.7	11314.1	10940.7	10512.7	10020.2
10°	12583.9	12567.5	12499.6	12371.0	12195.1	11975.5	11712.5	11401.6	11034.8	10611.3	10125.7
7.5°	12578.6	12575.0	12526.9	12415.8	12247.0	12034.3	11775.6	11470.7	11108.9	10688.9	10208.5
5°	12574.7	12580.6	12546.9	12448.5	12284.7	12077.0	11821.3	11520.5	11162.4	10744.7	10268.1
2.5°	12572.2	12584.0	12559.1	12468.4	12307.6	12102.8	11848.9	11550.7	11194.7	10778.4	10304.0
0°	12571.4	12585.2	12563.2	12475.1	12315.3	12111.5	11858.2	11560.8	11205.5	10789.7	10316.0
-2.5°	12572.2	12584.0	12559.1	12468.4	12307.6	12102.8	11848.9	11550.7	11194.7	10778.4	10304.0
-5°	12574.7	12580.6	12546.9	12448.5	12284.7	12077.0	11821.3	11520.5	11162.4	10744.7	10268.1
-7.5°	12578.6	12575.0	12526.9	12415.8	12247.0	12034.3	11775.6	11470.7	11108.9	10688.9	10208.5
-10°	12583.9	12567.5	12499.6	12371.0	12195.1	11975.5	11712.5	11401.6	11034.8	10611.3	10125.7
-12.5°	12576.9	12542.7	12457.8	12314.9	12129.9	11901.4	11632.7	11314.1	10940.7	10512.7	10020.2
-15°	12564.8	12498.9	12385.3	12230.3	12037.9	11805.0	11532.6	11209.0	10827.4	10393.8	9892.9
-17.5°	12516.1	12428.9	12299.8	12133.9	11927.5	11685.5	11400.8	11067.2	10682.8	10245.6	9741.3
-20°	12443.7	12331.0	12184.2	12006.3	11795.0	11549.8	11252.6	10906.6	10513.4	10063.4	9546.7

Classified

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

Scaled Data Report



REPORT NUMBER: P645574 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6D-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°	12331.0	12201.2	12046.5	11861.6	11636.9	11374.1	11069.6	10720.6	10325.6	9860.8	9330.0
-25°	12184.2	12046.5	11881.0	11680.3	11448.5	11180.7	10862.3	10500.5	10088.9	9619.7	9089.2
-27.5°	12006.3	11861.6	11680.3	11473.6	11232.5	10943.7	10619.5	10255.6	9832.1	9343.3	8809.7
-30°	11795.0	11636.9	11448.5	11232.5	10971.1	10679.8	10351.4	9963.1	9526.2	9040.7	8510.1
-32.5°	11549.8	11374.1	11180.7	10943.7	10679.8	10380.7	10029.3	9637.5	9191.8	8700.2	8165.4
-35°	11252.6	11069.6	10862.3	10619.5	10351.4	10029.3	9674.9	9264.5	8815.7	8331.6	7793.7
-37.5°	10906.6	10720.6	10500.5	10255.6	9963.1	9637.5	9264.5	8854.4	8415.4	7916.5	7375.1
-40°	10513.4	10325.6	10088.9	9832.1	9526.2	9191.8	8815.7	8415.4	7957.7	7464.5	6925.1
-42.5°	10063.4	9860.8	9619.7	9343.3	9040.7	8700.2	8331.6	7916.5	7464.5	6969.2	6410.8
-45°	9546.7	9330.0	9089.2	8809.7	8510.1	8165.4	7793.7	7375.1	6925.1	6410.8	5865.8
-47.5°	8965.6	8747.8	8508.5	8228.6	7919.9	7582.5	7197.8	6789.8	6313.1	5815.4	5278.8
-50°	8333.3	8110.6	7865.6	7591.3	7273.9	6935.4	6545.1	6119.2	5664.8	5179.5	4682.1
-52.5°	7636.1	7408.8	7158.4	6885.9	6562.2	6207.8	5830.5	5416.3	4982.3	4539.9	4084.3
-55°	6863.0	6632.3	6372.3	6088.8	5779.2	5437.0	5073.6	4695.3	4305.2	3897.8	3532.0
-57.5°	5990.2	5770.4	5521.3	5249.4	4955.8	4648.0	4323.7	3981.0	3658.5	3334.3	3009.8
-60°	5073.6	4868.3	4648.0	4407.5	4147.4	3871.7	3616.0	3345.5	3061.0	2829.2	2589.3
-62.5°	4169.4	3989.2	3803.8	3616.0	3412.7	3194.4	2982.8	2792.4	2592.0	2386.1	2203.2
-65°	3355.0	3215.5	3061.0	2928.7	2787.1	2635.0	2472.7	2318.4	2167.1	2008.5	1847.9
-67.5°	2685.4	2589.3	2482.9	2373.0	2267.5	2154.2	2033.1	1904.7	1789.7	1677.3	1559.8
-70°	2136.4	2065.8	1987.5	1901.7	1820.9	1741.7	1657.1	1567.3	1472.6	1389.0	1309.7
-72.5°	1681.6	1633.2	1579.4	1520.5	1456.5	1400.2	1344.1	1284.5	1221.6	1155.5	1089.7
-75°	1320.2	1288.8	1253.9	1215.7	1174.1	1129.4	1085.5	1040.7	993.4	943.5	891.4
-77.5°	1027.7	1004.7	979.3	951.3	921.0	888.2	853.2	815.4	774.1	730.7	685.2
-80°	755.8	736.7	715.4	692.1	666.7	639.3	610.1	579.0	546.0	513.0	480.0
-82.5°	479.1	466.1	451.7	435.9	418.6	400.1	380.2	359.0	336.6	313.1	288.3
-85°	233.5	227.5	220.9	213.7	205.8	197.3	188.2	178.6	168.3	157.5	146.2
-87.5°	64.6	63.6	62.4	61.0	59.6	58.0	56.4	54.6	52.7	50.7	48.6
-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: P645574 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-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°	46.5	44.2	41.9	39.5	37.0	34.4	31.8	29.1	26.3	23.5	20.7
85°	134.4	122.1	109.4	96.2	82.6	68.7	63.5	58.1	52.6	47.0	41.3
82.5°	262.5	242.1	222.9	203.2	182.8	161.8	140.4	118.4	96.0	73.2	61.9
80°	445.5	409.7	372.6	334.2	294.7	254.7	226.1	196.8	167.0	136.6	105.7
77.5°	637.8	588.4	537.3	488.5	439.1	388.3	336.3	283.2	237.5	199.6	161.1
75°	836.9	778.1	716.7	653.3	588.0	521.7	459.3	395.6	330.7	264.7	215.9
72.5°	1026.1	960.1	891.7	820.7	744.6	666.5	586.5	507.0	431.4	354.6	276.6
70°	1227.1	1141.3	1060.0	979.4	896.4	810.5	719.2	626.1	531.2	443.4	354.6
67.5°	1438.1	1341.5	1241.6	1138.6	1042.6	947.0	849.3	745.7	639.3	531.2	431.4
65°	1711.7	1570.5	1428.4	1314.0	1196.5	1080.8	972.5	862.0	745.7	626.1	507.0
62.5°	2013.3	1827.1	1666.6	1501.4	1357.7	1225.6	1093.6	972.5	849.3	719.2	586.5
60°	2351.3	2136.4	1914.8	1724.7	1540.0	1372.4	1225.6	1080.8	947.0	810.5	666.5
57.5°	2739.3	2459.8	2210.9	1964.2	1744.1	1540.0	1357.7	1196.5	1042.6	896.4	744.6
55°	3154.2	2830.0	2519.9	2235.8	1964.2	1724.7	1501.4	1314.0	1138.6	979.4	820.7
52.5°	3651.7	3233.4	2860.4	2519.9	2210.9	1914.8	1666.6	1428.4	1241.6	1060.0	891.7
50°	4178.3	3691.8	3233.4	2830.0	2459.8	2136.4	1827.1	1570.5	1341.5	1141.3	960.1
47.5°	4729.7	4178.3	3651.7	3154.2	2739.3	2351.3	2013.3	1711.7	1438.1	1227.1	1026.1
45°	5278.8	4682.1	4084.3	3532.0	3009.8	2589.3	2203.2	1847.9	1559.8	1309.7	1089.7
42.5°	5815.4	5179.5	4539.9	3897.8	3334.3	2829.2	2386.1	2008.5	1677.3	1389.0	1155.5
40°	6313.1	5664.8	4982.3	4305.2	3658.5	3061.0	2592.0	2167.1	1789.7	1472.6	1221.6
37.5°	6789.8	6119.2	5416.3	4695.3	3981.0	3345.5	2792.4	2318.4	1904.7	1567.3	1284.5
35°	7197.8	6545.1	5830.5	5073.6	4323.7	3616.0	2982.8	2472.7	2033.1	1657.1	1344.1
32.5°	7582.5	6935.4	6207.8	5437.0	4648.0	3871.7	3194.4	2635.0	2154.2	1741.7	1400.2
30°	7919.9	7273.9	6562.2	5779.2	4955.8	4147.4	3412.7	2787.1	2267.5	1820.9	1456.5
27.5°	8228.6	7591.3	6885.9	6088.8	5249.4	4407.5	3616.0	2928.7	2373.0	1901.7	1520.5
25°	8508.5	7865.6	7158.4	6372.3	5521.3	4648.0	3803.8	3061.0	2482.9	1987.5	1579.4
22.5°	8747.8	8110.6	7408.8	6632.3	5770.4	4868.3	3989.2	3215.5	2589.3	2065.8	1633.2
20°	8965.6	8333.3	7636.1	6863.0	5990.2	5073.6	4169.4	3355.0	2685.4	2136.4	1681.6
17.5°	9158.3	8523.5	7822.9	7049.2	6182.4	5256.5	4329.8	3479.1	2770.8	2199.1	1724.7
15°	9316.3	8681.4	7983.6	7212.3	6350.6	5416.3	4469.9	3587.4	2845.3	2253.8	1762.2
12.5°	9451.6	8816.6	8120.9	7351.5	6494.0	5552.6	4589.3	3679.7	2908.7	2300.3	1794.1
10°	9563.5	8928.2	8234.3	7466.3	6612.2	5664.8	4687.5	3755.5	2960.8	2338.6	1820.3
7.5°	9651.3	9015.7	8323.0	7556.1	6704.6	5752.5	4764.2	3814.7	3001.5	2368.4	1840.7
5°	9714.4	9078.6	8386.7	7620.6	6770.9	5815.4	4819.2	3857.2	3030.6	2389.8	1855.4
2.5°	9752.5	9116.5	8425.1	7659.3	6810.8	5853.2	4852.3	3882.7	3048.2	2402.6	1864.2
0°	9765.2	9129.1	8437.9	7672.3	6824.1	5865.8	4863.3	3891.2	3054.0	2406.9	1867.1
-2.5°	9752.5	9116.5	8425.1	7659.3	6810.8	5853.2	4852.3	3882.7	3048.2	2402.6	1864.2
-5°	9714.4	9078.6	8386.7	7620.6	6770.9	5815.4	4819.2	3857.2	3030.6	2389.8	1855.4
-7.5°	9651.3	9015.7	8323.0	7556.1	6704.6	5752.5	4764.2	3814.7	3001.5	2368.4	1840.7
-10°	9563.5	8928.2	8234.3	7466.3	6612.2	5664.8	4687.5	3755.5	2960.8	2338.6	1820.3
-12.5°	9451.6	8816.6	8120.9	7351.5	6494.0	5552.6	4589.3	3679.7	2908.7	2300.3	1794.1
-15°	9316.3	8681.4	7983.6	7212.3	6350.6	5416.3	4469.9	3587.4	2845.3	2253.8	1762.2
-17.5°	9158.3	8523.5	7822.9	7049.2	6182.4	5256.5	4329.8	3479.1	2770.8	2199.1	1724.7
-20°	8965.6	8333.3	7636.1	6863.0	5990.2	5073.6	4169.4	3355.0	2685.4	2136.4	1681.6



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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°	8747.8	8110.6	7408.8	6632.3	5770.4	4868.3	3989.2	3215.5	2589.3	2065.8	1633.2
-25°	8508.5	7865.6	7158.4	6372.3	5521.3	4648.0	3803.8	3061.0	2482.9	1987.5	1579.4
-27.5°	8228.6	7591.3	6885.9	6088.8	5249.4	4407.5	3616.0	2928.7	2373.0	1901.7	1520.5
-30°	7919.9	7273.9	6562.2	5779.2	4955.8	4147.4	3412.7	2787.1	2267.5	1820.9	1456.5
-32.5°	7582.5	6935.4	6207.8	5437.0	4648.0	3871.7	3194.4	2635.0	2154.2	1741.7	1400.2
-35°	7197.8	6545.1	5830.5	5073.6	4323.7	3616.0	2982.8	2472.7	2033.1	1657.1	1344.1
-37.5°	6789.8	6119.2	5416.3	4695.3	3981.0	3345.5	2792.4	2318.4	1904.7	1567.3	1284.5
-40°	6313.1	5664.8	4982.3	4305.2	3658.5	3061.0	2592.0	2167.1	1789.7	1472.6	1221.6
-42.5°	5815.4	5179.5	4539.9	3897.8	3334.3	2829.2	2386.1	2008.5	1677.3	1389.0	1155.5
-45°	5278.8	4682.1	4084.3	3532.0	3009.8	2589.3	2203.2	1847.9	1559.8	1309.7	1089.7
-47.5°	4729.7	4178.3	3651.7	3154.2	2739.3	2351.3	2013.3	1711.7	1438.1	1227.1	1026.1
-50°	4178.3	3691.8	3233.4	2830.0	2459.8	2136.4	1827.1	1570.5	1341.5	1141.3	960.1
-52.5°	3651.7	3233.4	2860.4	2519.9	2210.9	1914.8	1666.6	1428.4	1241.6	1060.0	891.7
-55°	3154.2	2830.0	2519.9	2235.8	1964.2	1724.7	1501.4	1314.0	1138.6	979.4	820.7
-57.5°	2739.3	2459.8	2210.9	1964.2	1744.1	1540.0	1357.7	1196.5	1042.6	896.4	744.6
-60°	2351.3	2136.4	1914.8	1724.7	1540.0	1372.4	1225.6	1080.8	947.0	810.5	666.5
-62.5°	2013.3	1827.1	1666.6	1501.4	1357.7	1225.6	1093.6	972.5	849.3	719.2	586.5
-65°	1711.7	1570.5	1428.4	1314.0	1196.5	1080.8	972.5	862.0	745.7	626.1	507.0
-67.5°	1438.1	1341.5	1241.6	1138.6	1042.6	947.0	849.3	745.7	639.3	531.2	431.4
-70°	1227.1	1141.3	1060.0	979.4	896.4	810.5	719.2	626.1	531.2	443.4	354.6
-72.5°	1026.1	960.1	891.7	820.7	744.6	666.5	586.5	507.0	431.4	354.6	276.6
-75°	836.9	778.1	716.7	653.3	588.0	521.7	459.3	395.6	330.7	264.7	215.9
-77.5°	637.8	588.4	537.3	488.5	439.1	388.3	336.3	283.2	237.5	199.6	161.1
-80°	445.5	409.7	372.6	334.2	294.7	254.7	226.1	196.8	167.0	136.6	105.7
-82.5°	262.5	242.1	222.9	203.2	182.8	161.8	140.4	118.4	96.0	73.2	61.9
-85°	134.4	122.1	109.4	96.2	82.6	68.7	63.5	58.1	52.6	47.0	41.3
-87.5°	46.5	44.2	41.9	39.5	37.0	34.4	31.8	29.1	26.3	23.5	20.7
-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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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°	17.8	14.9	11.9	9.0	6.0	3.0	0.0
85°	35.6	29.7	23.9	17.9	12.0	6.0	0.0
82.5°	53.3	44.6	35.7	26.9	17.9	9.0	0.0
80°	74.5	59.3	47.6	35.7	23.9	11.9	0.0
77.5°	122.1	82.7	59.3	44.6	29.7	14.9	0.0
75°	169.3	122.1	74.5	53.3	35.6	17.8	0.0
72.5°	215.9	161.1	105.7	61.9	41.3	20.7	0.0
70°	264.7	199.6	136.6	73.2	47.0	23.5	0.0
67.5°	330.7	237.5	167.0	96.0	52.6	26.3	0.0
65°	395.6	283.2	196.8	118.4	58.1	29.1	0.0
62.5°	459.3	336.3	226.1	140.4	63.5	31.8	0.0
60°	521.7	388.3	254.7	161.8	68.7	34.4	0.0
57.5°	588.0	439.1	294.7	182.8	82.6	37.0	0.0
55°	653.3	488.5	334.2	203.2	96.2	39.5	0.0
52.5°	716.7	537.3	372.6	222.9	109.4	41.9	0.0
50°	778.1	588.4	409.7	242.1	122.1	44.2	0.0
47.5°	836.9	637.8	445.5	262.5	134.4	46.5	0.0
45°	891.4	685.2	480.0	288.3	146.2	48.6	0.0
42.5°	943.5	730.7	513.0	313.1	157.5	50.7	0.0
40°	993.4	774.1	546.0	336.6	168.3	52.7	0.0
37.5°	1040.7	815.4	579.0	359.0	178.6	54.6	0.0
35°	1085.5	853.2	610.1	380.2	188.2	56.4	0.0
32.5°	1129.4	888.2	639.3	400.1	197.3	58.0	0.0
30°	1174.1	921.0	666.7	418.6	205.8	59.6	0.0
27.5°	1215.7	951.3	692.1	435.9	213.7	61.0	0.0
25°	1253.9	979.3	715.4	451.7	220.9	62.4	0.0
22.5°	1288.8	1004.7	736.7	466.1	227.5	63.6	0.0
20°	1320.2	1027.7	755.8	479.1	233.5	64.6	0.0
17.5°	1348.1	1048.0	772.8	490.6	238.7	65.6	0.0
15°	1372.4	1065.8	787.6	500.7	243.3	66.5	0.0
12.5°	1393.0	1080.8	800.2	509.2	247.2	67.2	0.0
10°	1410.0	1093.2	810.5	516.2	250.4	67.8	0.0
7.5°	1423.2	1102.9	818.5	521.7	252.9	68.2	0.0
5°	1432.7	1109.8	824.3	525.6	254.7	68.5	0.0
2.5°	1438.4	1113.9	827.7	527.9	255.7	68.7	0.0
0°	1440.3	1115.3	828.9	528.7	256.1	68.8	0.0
-2.5°	1438.4	1113.9	827.7	527.9	255.7	68.7	0.0
-5°	1432.7	1109.8	824.3	525.6	254.7	68.5	0.0
-7.5°	1423.2	1102.9	818.5	521.7	252.9	68.2	0.0
-10°	1410.0	1093.2	810.5	516.2	250.4	67.8	0.0
-12.5°	1393.0	1080.8	800.2	509.2	247.2	67.2	0.0
-15°	1372.4	1065.8	787.6	500.7	243.3	66.5	0.0
-17.5°	1348.1	1048.0	772.8	490.6	238.7	65.6	0.0
-20°	1320.2	1027.7	755.8	479.1	233.5	64.6	0.0

Classified

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°
-22.5°	1288.8	1004.7	736.7	466.1	227.5	63.6	0.0
-25°	1253.9	979.3	715.4	451.7	220.9	62.4	0.0
-27.5°	1215.7	951.3	692.1	435.9	213.7	61.0	0.0
-30°	1174.1	921.0	666.7	418.6	205.8	59.6	0.0
-32.5°	1129.4	888.2	639.3	400.1	197.3	58.0	0.0
-35°	1085.5	853.2	610.1	380.2	188.2	56.4	0.0
-37.5°	1040.7	815.4	579.0	359.0	178.6	54.6	0.0
-40°	993.4	774.1	546.0	336.6	168.3	52.7	0.0
-42.5°	943.5	730.7	513.0	313.1	157.5	50.7	0.0
-45°	891.4	685.2	480.0	288.3	146.2	48.6	0.0
-47.5°	836.9	637.8	445.5	262.5	134.4	46.5	0.0
-50°	778.1	588.4	409.7	242.1	122.1	44.2	0.0
-52.5°	716.7	537.3	372.6	222.9	109.4	41.9	0.0
-55°	653.3	488.5	334.2	203.2	96.2	39.5	0.0
-57.5°	588.0	439.1	294.7	182.8	82.6	37.0	0.0
-60°	521.7	388.3	254.7	161.8	68.7	34.4	0.0
-62.5°	459.3	336.3	226.1	140.4	63.5	31.8	0.0
-65°	395.6	283.2	196.8	118.4	58.1	29.1	0.0
-67.5°	330.7	237.5	167.0	96.0	52.6	26.3	0.0
-70°	264.7	199.6	136.6	73.2	47.0	23.5	0.0
-72.5°	215.9	161.1	105.7	61.9	41.3	20.7	0.0
-75°	169.3	122.1	74.5	53.3	35.6	17.8	0.0
-77.5°	122.1	82.7	59.3	44.6	29.7	14.9	0.0
-80°	74.5	59.3	47.6	35.7	23.9	11.9	0.0
-82.5°	53.3	44.6	35.7	26.9	17.9	9.0	0.0
-85°	35.6	29.7	23.9	17.9	12.0	6.0	0.0
-87.5°	17.8	14.9	11.9	9.0	6.0	3.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)