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

(formerly Eaton)

Brand: STREETWORKS

Report Number: P722526

Luminaire Tested: **IFLD-M-SA4B-750-U-76-VI**

Issue Date: 10/26/2023

Report Generated By 670245763

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

Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P722526
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	10/26/2023
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	IFLD-M-SA4B-750-U-76-VI
Description:	Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens with Visor
Light Source:	(64) 5000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	23888.8 lumens	Max Intensity:	16677 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	143.8 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		

Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	15240 lumens	Field Lumens:	22521.8 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

Input Watts (W):	166.1
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:	28.75 FT

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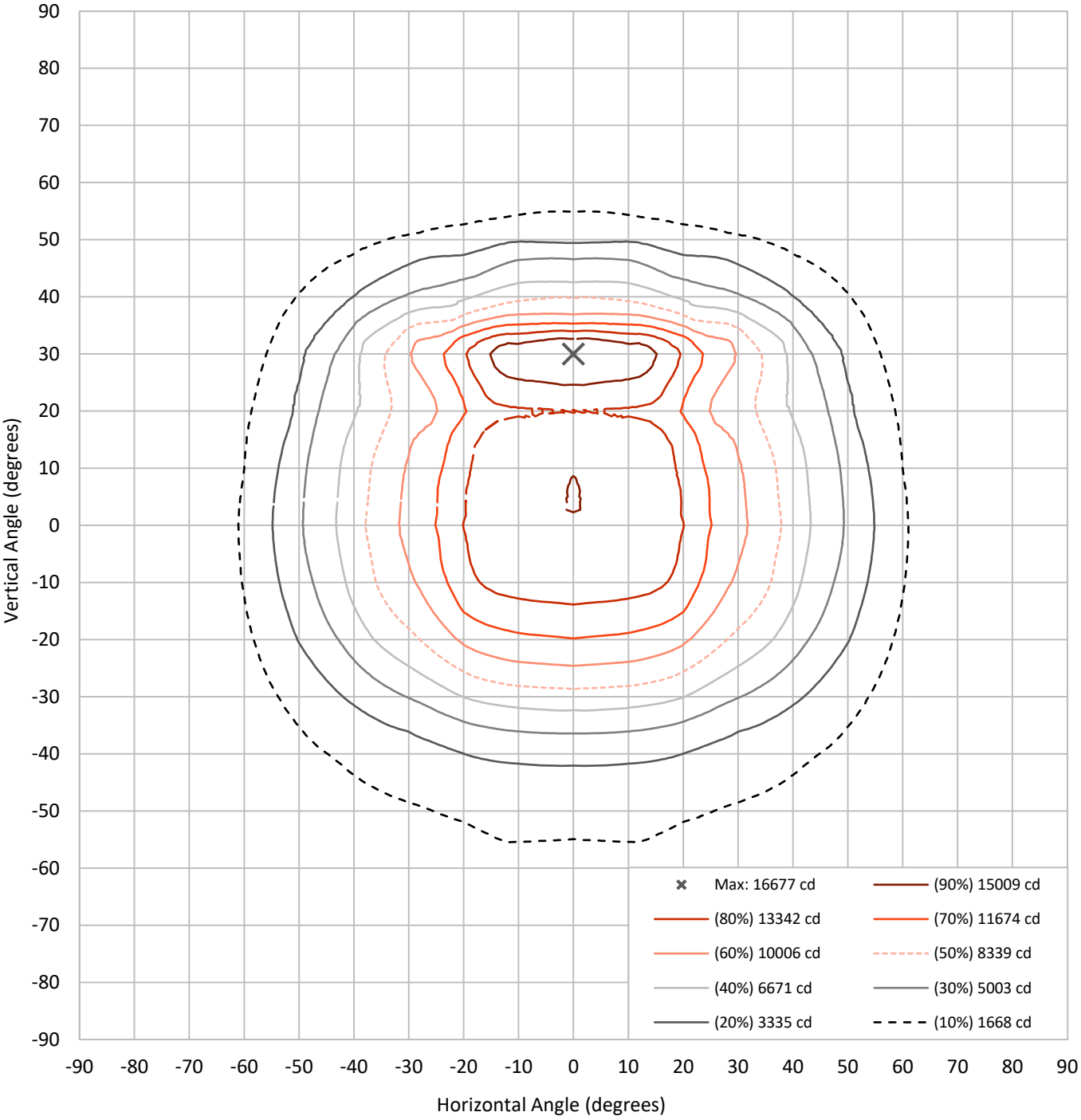
Iso-Candela Plot



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Lumen Table

Vertical Angle (degrees)	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
90	0.2	1.5		2.3		1.2		0.5		1.2		2.3		1.5		0.2			
80																			
70	0.5	0.5	0.8	0.9	1.2	1.5	1.7	1.9	1.9	1.7	1.5	1.2	0.9	0.8	0.5	0.5			
60		0.7	1.5	7.6	18.2	30.0	41.1	50.3	50.3	41.1	30.0	18.2	7.6	1.5	0.7				
50	0.7	1.3	8.7	35.6	72.5	109.0	145.0	171.6	171.6	145.0	109.0	72.5	35.6	8.7	1.3	0.7			
40		3.4	25.6	77.1	160.2	242.1	328.7	370.0	370.0	328.7	242.1	160.2	77.1	25.6	3.4				
30	1.3	7.1	38.5	107.3	198.6	294.4	408.7	454.7	454.7	408.7	294.4	198.6	107.3	38.5	7.1	1.3			
20		10.7	48.5	123.6	209.6	301.1	399.1	433.6	433.6	399.1	301.1	209.6	123.6	48.5	10.7				
10	2.2	12.6	56.2	132.6	224.5	321.7	418.1	451.8	451.8	418.1	321.7	224.5	132.6	56.2	12.6	2.2			
0		12.8	56.4	129.4	221.5	316.7	411.1	443.2	443.2	411.1	316.7	221.5	129.4	56.4	12.8				
-10	2.3	11.3	47.4	112.0	195.4	281.0	362.5	390.5	390.5	362.5	281.0	195.4	112.0	47.4	11.3	2.3			
-20		8.6	33.8	80.0	141.7	207.8	269.0	293.1	293.1	269.0	207.8	141.7	80.0	33.8	8.6				
-30	1.7	6.1	21.8	47.7	81.0	117.7	153.7	169.4	169.4	153.7	117.7	81.0	47.7	21.8	6.1	1.7			
-40		4.3	14.0	28.3	45.4	61.7	78.0	85.5	85.5	78.0	61.7	45.4	28.3	14.0	4.3				
-50	1.3	3.1	9.1	18.1	28.6	38.3	47.9	51.4	51.4	47.9	38.3	28.6	18.1	9.1	3.1	1.3			
-60		2.1	5.9	11.7	18.6	27.4	32.9	33.7	33.7	32.9	27.4	18.6	11.7	5.9	2.1				
-70																			
-80	0.7	7.2		24.1		41.8		49.9		41.8		24.1		7.2		0.7			
-90																			

Horizontal Angle (degrees)

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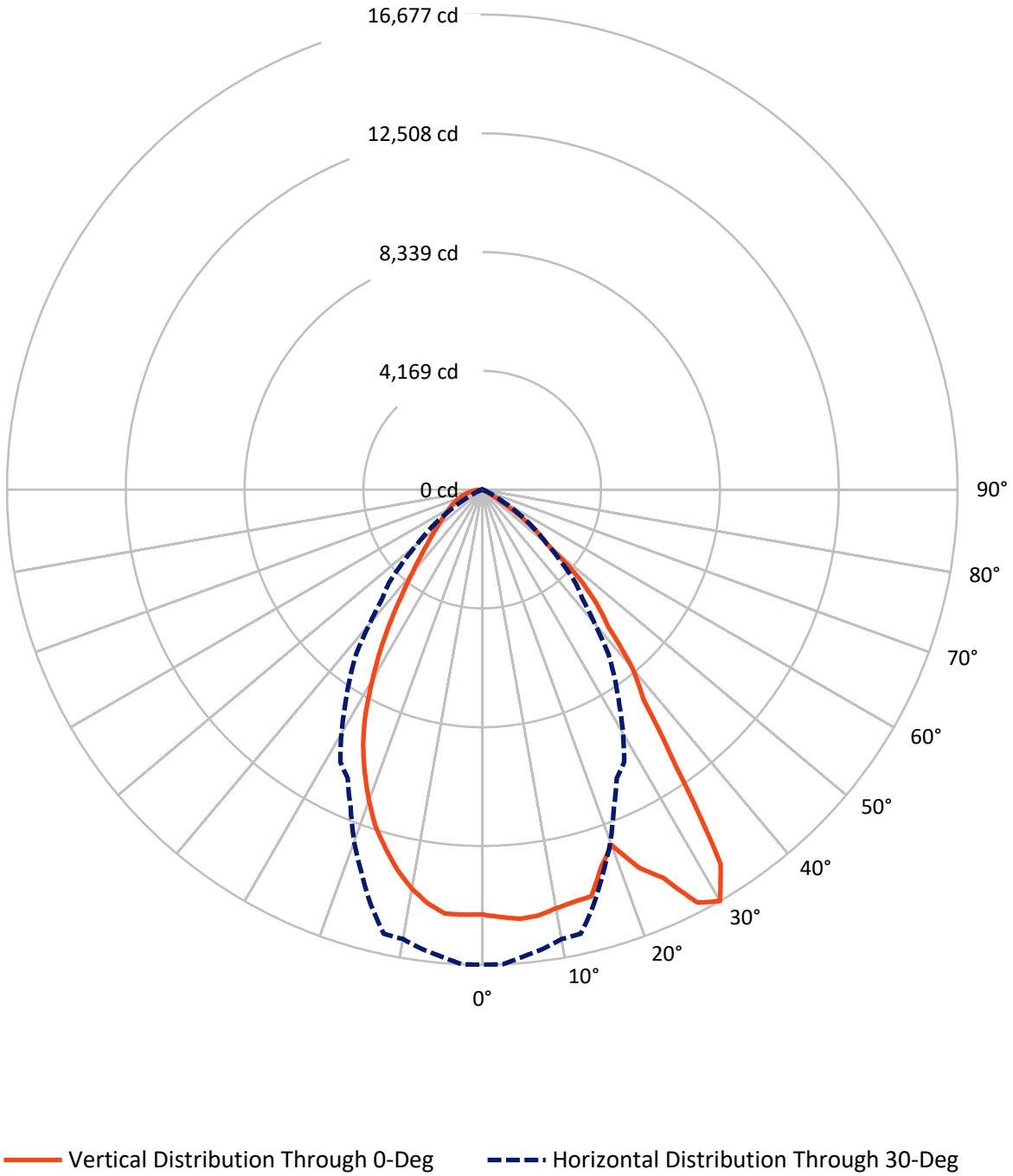
Luminous Intensity Polar Plot



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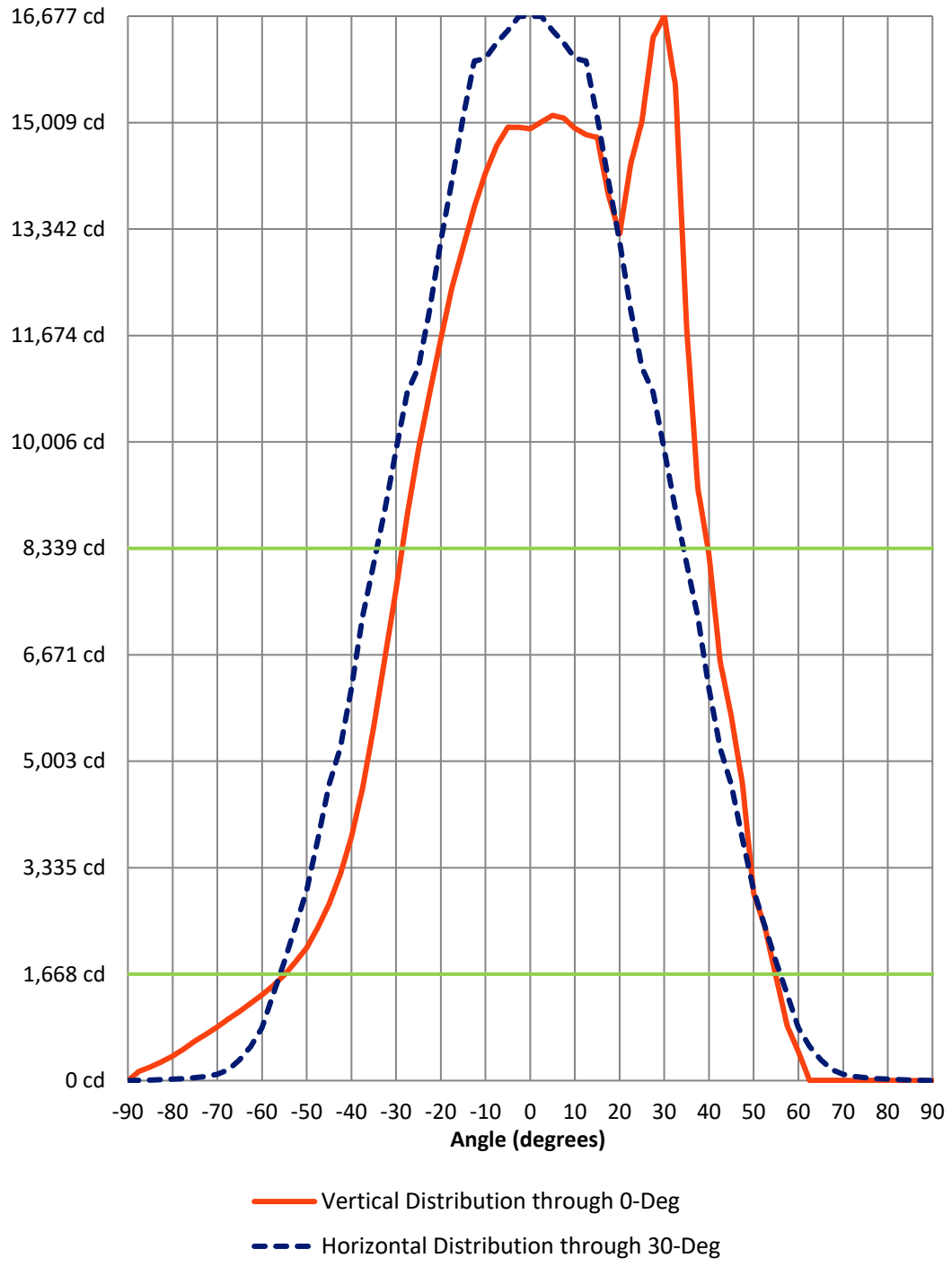
Luminous Intensity Plot



Beam:

H Angle:	68.6°
V Angle:	68.4°
Lumens:	15240
Efficiency:	63.8%

Field:

H Angle:	111.9°
V Angle:	109.7°
Lumens:	22521.8
Efficiency:	94.3%

Spill:

Lumens:	1367
Efficiency:	5.7%

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FIELD
BEAM

CANDELA DISTRIBUTION:

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
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	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8	3.8	3.8
85°	0.0	3.8	3.8	3.8	7.6	7.6	7.6	7.6	7.6	7.6	11.4
82.5°	0.0	3.8	3.8	3.8	7.6	7.6	7.6	7.6	11.4	11.4	15.2
80°	3.8	3.8	3.8	3.8	7.6	7.6	7.6	11.4	11.4	15.2	15.2
77.5°	3.8	3.8	3.8	7.6	7.6	7.6	11.4	11.4	15.2	15.2	19.0
75°	3.8	3.8	3.8	7.6	7.6	11.4	11.4	11.4	15.2	15.2	19.0
72.5°	0.0	3.8	3.8	7.6	7.6	11.4	11.4	11.4	15.2	15.2	15.2
70°	3.8	3.8	3.8	7.6	7.6	11.4	11.4	11.4	15.2	15.2	15.2
67.5°	3.8	3.8	3.8	7.6	7.6	11.4	11.4	15.2	15.2	15.2	19.0
65°	3.8	3.8	3.8	7.6	11.4	11.4	15.2	19.0	19.0	22.8	26.6
62.5°	3.8	7.6	7.6	11.4	15.2	19.0	41.8	64.7	64.7	45.6	38.0
60°	452.6	490.6	486.8	441.2	384.1	323.3	311.9	300.5	277.6	243.4	254.8
57.5°	859.5	905.2	924.2	912.8	882.3	829.1	798.7	764.4	718.8	665.6	604.7
55°	1627.8	1646.8	1605.0	1525.1	1437.6	1350.1	1319.7	1274.1	1205.6	1137.2	1045.9
52.5°	2407.4	2472.1	2453.1	2373.2	2255.3	2099.4	1928.2	1795.1	1715.2	1639.2	1547.9
50°	2939.9	2966.5	3019.7	3114.8	3149.1	3042.6	2764.9	2407.4	2152.6	2281.9	2183.0
47.5°	4639.9	4773.0	4746.4	4677.9	4563.8	4274.8	3886.9	3567.4	3301.2	3213.7	3228.9
45°	5701.0	5754.2	5735.2	5704.8	5651.6	5381.5	4951.8	4461.2	4213.9	4115.1	4012.4
42.5°	6571.9	6629.0	6640.4	6644.2	6587.1	6339.9	5952.0	5461.4	5214.2	4929.0	4704.6
40°	8233.9	8317.6	8222.5	8097.0	7906.9	7625.4	7245.1	6792.5	6355.2	6005.3	5739.0
37.5°	9295.0	9397.7	9435.7	9428.1	9386.3	9264.6	8796.8	8367.0	7697.7	6914.2	7054.9
35°	11812.7	11919.2	11888.8	11774.7	11713.9	11584.6	11128.2	10618.5	9778.0	8926.1	8697.9
32.5°	15566.5	15798.5	15364.9	14889.5	14596.7	14699.4	14235.4	12987.9	12600.0	11063.5	10352.3
30°	16677.0	16673.2	16452.7	16258.7	16019.1	15969.6	15094.9	14098.5	13147.7	12071.4	11173.8
27.5°	16338.6	16270.1	16083.7	15943.0	15718.6	15600.7	14745.0	13953.9	12854.8	11892.6	11025.5
25°	15034.1	15087.3	14897.1	14870.5	14783.0	14554.9	14128.9	13238.9	12257.7	11192.8	10569.1
22.5°	14360.9	14341.9	14113.7	13980.6	14087.1	13843.7	13672.5	12775.0	11751.9	10854.3	10105.1
20°	13265.6	13269.4	13212.3	13200.9	13136.3	13026.0	12889.1	12253.9	11531.3	10763.1	9861.7
17.5°	13877.9	14033.8	14102.3	13535.6	13695.3	13569.8	13425.3	12539.2	11995.3	11314.5	10139.3
15°	14775.4	14718.4	14649.9	14619.5	14532.0	14414.1	14151.7	13444.3	12508.7	11805.1	10888.6
12.5°	14821.1	14710.8	14684.2	14680.4	14589.1	14425.5	14170.7	13585.0	12755.9	11900.2	11154.8
10°	14920.0	14805.9	14790.7	14809.7	14669.0	14566.3	14311.5	13767.6	12832.0	12063.8	11360.2
7.5°	15079.7	14889.5	14977.0	14920.0	14855.3	14691.8	14417.9	13885.5	13109.6	12280.5	11542.7
5°	15121.5	14912.4	15007.4	14954.2	14859.1	14699.4	14402.7	13961.6	13280.8	12368.0	11615.0
2.5°	15018.8	14958.0	14916.2	14817.3	14775.4	14600.5	14319.1	13847.5	13200.9	12330.0	11599.8
0°	14912.4	14965.6	14870.5	14771.6	14752.6	14611.9	14372.3	13946.3	13387.3	12436.5	11729.1
-2.5°	14935.2	14893.3	14828.7	14726.0	14627.1	14425.5	14208.8	13809.4	13208.5	12204.5	11546.5
-5°	14935.2	14741.2	14748.8	14752.6	14653.7	14444.6	14182.1	13843.7	13102.0	12200.7	11493.3
-7.5°	14646.1	14478.8	14452.2	14429.3	14402.7	14208.8	14003.4	13581.2	12923.3	12101.8	11345.0
-10°	14220.2	14056.6	14071.8	14037.6	13953.9	13824.6	13668.7	13288.4	12748.3	11789.9	11044.5
-12.5°	13687.7	13615.5	13573.6	13516.6	13432.9	13318.8	13159.1	12801.6	12223.5	11405.8	10698.4
-15°	13056.4	13003.1	12965.1	12930.9	12809.2	12691.3	12482.1	12151.2	11789.9	10911.4	10188.8
-17.5°	12425.1	12291.9	12238.7	12193.1	12113.2	11923.0	11732.9	11485.7	10979.8	10283.9	9663.9
-20°	11615.0	11535.1	11470.5	11409.6	11295.5	11147.2	10991.3	10706.0	10268.6	9705.8	9063.0

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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	10766.9	10721.2	10668.0	10591.9	10515.9	10375.1	10158.4	9884.5	9542.2	8933.7	8332.8
-25°	9892.1	9804.7	9740.0	9667.7	9606.9	9477.6	9268.4	9006.0	8576.2	8051.4	7549.4
-27.5°	8861.5	8777.8	8743.6	8659.9	8606.6	8488.7	8279.6	8036.2	7648.2	7207.1	6697.4
-30°	7697.7	7712.9	7674.9	7595.0	7530.3	7378.2	7218.5	7013.1	6708.8	6286.7	5830.3
-32.5°	6621.4	6640.4	6594.8	6511.1	6427.4	6317.1	6168.8	5982.4	5754.2	5351.1	4955.6
-35°	5545.1	5537.5	5499.4	5450.0	5392.9	5301.7	5134.3	4993.6	4731.2	4449.7	4175.9
-37.5°	4579.1	4598.1	4586.7	4560.0	4495.4	4419.3	4282.4	4153.1	3959.1	3711.9	3498.9
-40°	3814.6	3837.4	3822.2	3795.6	3738.5	3692.9	3601.6	3487.5	3331.6	3118.6	2939.9
-42.5°	3228.9	3244.1	3225.1	3202.3	3152.9	3118.6	3046.4	2951.3	2822.0	2658.4	2498.7
-45°	2764.9	2768.7	2749.7	2734.5	2696.5	2654.6	2593.8	2517.7	2415.0	2300.9	2171.6
-47.5°	2399.8	2396.0	2377.0	2361.8	2331.4	2293.3	2243.9	2175.4	2095.6	2008.1	1905.4
-50°	2080.4	2099.4	2091.8	2076.5	2053.7	2027.1	1977.7	1905.4	1825.5	1760.9	1688.6
-52.5°	1859.8	1863.6	1859.8	1859.8	1856.0	1836.9	1779.9	1707.6	1620.2	1563.1	1502.3
-55°	1654.4	1673.4	1681.0	1688.6	1692.4	1692.4	1624.0	1547.9	1464.2	1407.2	1361.5
-57.5°	1487.1	1498.5	1506.1	1525.1	1540.3	1551.7	1490.9	1422.4	1357.7	1304.5	1262.7
-60°	1342.5	1357.7	1369.2	1388.2	1399.6	1407.2	1369.2	1323.5	1285.5	1251.3	1190.4
-62.5°	1213.2	1224.6	1236.0	1247.5	1258.9	1266.5	1251.3	1228.4	1209.4	1194.2	1118.1
-65°	1083.9	1095.3	1106.7	1121.9	1133.4	1141.0	1137.2	1121.9	1106.7	1091.5	1023.1
-67.5°	966.0	977.4	992.6	996.4	1004.0	1007.8	1000.2	988.8	969.8	950.8	897.6
-70°	840.5	848.1	855.7	855.7	855.7	851.9	844.3	829.1	810.1	783.5	741.6
-72.5°	726.4	734.0	741.6	730.2	722.6	711.2	699.8	680.8	661.8	642.7	619.9
-75°	619.9	623.7	623.7	608.5	597.1	585.7	570.5	559.1	540.1	524.8	505.8
-77.5°	494.4	494.4	494.4	483.0	475.4	467.8	456.4	445.0	429.8	418.4	403.1
-80°	384.1	384.1	384.1	380.3	368.9	361.3	353.7	346.1	334.7	327.1	319.5
-82.5°	292.8	292.8	292.8	289.0	281.4	277.6	270.0	262.4	258.6	251.0	247.2
-85°	213.0	216.8	216.8	213.0	209.2	201.6	197.8	194.0	190.2	186.4	178.8
-87.5°	144.5	144.5	144.5	140.7	136.9	136.9	133.1	125.5	117.9	114.1	110.3
-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):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
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°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
85°	11.4	11.4	11.4	15.2	15.2	15.2	15.2	15.2	15.2	15.2	11.4
82.5°	19.0	19.0	22.8	22.8	26.6	26.6	26.6	26.6	26.6	26.6	26.6
80°	19.0	22.8	26.6	30.4	34.2	38.0	38.0	38.0	38.0	34.2	34.2
77.5°	22.8	22.8	26.6	30.4	34.2	38.0	41.8	45.6	41.8	41.8	41.8
75°	22.8	26.6	26.6	30.4	34.2	38.0	41.8	45.6	45.6	45.6	45.6
72.5°	19.0	22.8	26.6	30.4	30.4	34.2	38.0	38.0	41.8	41.8	45.6
70°	19.0	22.8	26.6	26.6	30.4	30.4	34.2	38.0	38.0	41.8	41.8
67.5°	22.8	26.6	26.6	30.4	34.2	34.2	34.2	38.0	38.0	41.8	41.8
65°	26.6	30.4	30.4	34.2	38.0	38.0	41.8	41.8	41.8	45.6	45.6
62.5°	45.6	45.6	45.6	41.8	45.6	45.6	45.6	49.4	49.4	45.6	49.4
60°	235.8	171.1	117.9	148.3	133.1	60.9	60.9	60.9	57.0	57.0	53.2
57.5°	555.3	517.2	445.0	376.5	338.5	300.5	186.4	76.1	76.1	68.5	60.9
55°	928.0	802.5	749.2	658.0	559.1	513.4	426.0	289.0	136.9	91.3	79.9
52.5°	1437.6	1319.7	1182.8	996.4	863.3	756.8	684.6	543.9	365.1	194.0	121.7
50°	1924.4	1871.2	1787.5	1605.0	1327.3	1148.6	1030.7	870.9	654.2	399.3	228.2
47.5°	3099.6	2654.6	2384.6	2243.9	2011.9	1673.4	1445.2	1266.5	1004.0	673.2	403.1
45°	3902.1	3620.6	3190.9	2894.2	2551.9	2194.4	1897.8	1692.4	1380.6	1007.8	631.3
42.5°	4590.5	4347.1	3959.1	3525.6	3164.3	2696.5	2316.2	2046.1	1783.7	1376.8	943.2
40°	5476.6	5187.6	4814.9	4392.7	3970.5	3373.4	2757.3	2430.2	2141.2	1779.9	1274.1
37.5°	6937.0	6427.4	5818.9	5351.1	4799.6	4293.8	3449.5	2871.4	2529.1	2152.6	1662.0
35°	8694.1	8135.0	7119.6	6499.7	5761.9	5008.8	4248.2	3392.5	2905.6	2506.3	2019.5
32.5°	10329.5	9511.8	8211.1	7484.7	6994.1	5605.9	4818.7	4077.0	3293.6	2803.0	2224.9
30°	*10782.1*	*9880.7*	*8948.9*	*8100.8*	*7264.1*	*6142.2*	*5210.4*	*4632.3*	*3780.4*	*2981.7*	*2418.8*
27.5°	10325.7	9705.8	8983.2	8195.9	7290.7	6328.5	5450.0	4898.5	4137.9	3103.4	2571.0
25°	9861.7	9215.2	8709.3	8051.4	7214.7	6317.1	5457.6	5065.9	4415.5	3339.2	2654.6
22.5°	9371.1	8968.0	8549.6	7815.6	7024.5	6351.3	5704.8	5210.4	4560.0	3605.4	2688.9
20°	9397.7	9135.3	8675.1	7693.9	6990.3	6552.9	6001.5	5392.9	4716.0	3837.4	2715.5
17.5°	9823.7	9481.4	8903.3	8051.4	7298.3	6758.3	6248.7	5644.0	4875.7	4042.8	3038.8
15°	10348.5	9827.5	9222.8	8473.5	7621.6	6982.7	6438.8	5818.9	5058.3	4233.0	3327.8
12.5°	10728.8	9987.2	9420.5	8743.6	7971.5	7226.1	6564.3	5952.0	5229.4	4388.9	3544.6
10°	10858.1	10185.0	9515.6	8910.9	8150.3	7355.4	6659.4	6035.7	5377.7	4510.6	3704.3
7.5°	10926.6	10356.1	9580.3	8987.0	8256.8	7435.3	6735.5	6081.3	5495.6	4594.3	3807.0
5°	10919.0	10447.4	9629.7	9009.8	8313.8	7469.5	6788.7	6092.7	5579.3	4666.5	3867.9
2.5°	10884.8	10508.2	9709.6	9047.8	8427.9	7534.1	6891.4	6115.5	5609.7	4746.4	3909.7
0°	11010.3	10512.1	9793.2	9059.2	8504.0	7557.0	6937.0	6096.5	5567.9	4769.2	3905.9
-2.5°	10740.2	10287.7	9774.2	8960.3	8401.3	7503.7	6853.4	6035.7	5476.6	4742.6	3890.7
-5°	10694.6	10124.1	9614.5	8869.1	8230.1	7393.4	6697.4	5921.6	5332.1	4655.1	3829.8
-7.5°	10572.9	9968.2	9458.6	8796.8	8070.4	7279.3	6549.1	5803.7	5176.2	4518.2	3742.4
-10°	10306.7	9728.6	9291.2	8640.9	7876.4	7115.8	6370.4	5647.8	4993.6	4331.8	3605.4
-12.5°	9926.4	9348.3	8914.7	8310.0	7633.0	6895.2	6157.4	5446.2	4784.4	4134.1	3441.9
-15°	9496.6	8910.9	8477.3	7925.9	7271.7	6552.9	5887.4	5191.4	4544.8	3924.9	3247.9
-17.5°	9009.8	8454.5	8036.2	7499.9	6849.6	6165.0	5503.2	4871.9	4267.2	3708.1	3023.5
-20°	8446.9	7906.9	7522.7	6986.5	6389.4	5723.8	5081.1	4484.0	3940.1	3415.3	2776.3

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report

REPORT NUMBER: P722526
CATALOG NUMBER: IFLD-M-SA4B-750-U-76-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	7750.9	7275.5	6838.2	6359.0	5837.9	5229.4	4632.3	4103.7	3582.6	3069.2	2521.5
-25°	7039.7	6579.5	6153.6	5716.2	5218.0	4693.2	4183.5	3704.3	3194.7	2730.7	2274.3
-27.5°	6248.7	5837.9	5457.6	5054.5	4598.1	4145.5	3727.1	3259.3	2818.2	2422.6	2030.9
-30°	5404.4	5069.7	4738.8	4381.3	4012.4	3632.1	3259.3	2818.2	2472.1	2156.4	1825.5
-32.5°	4594.3	4293.8	4027.6	3761.4	3441.9	3130.0	2799.2	2472.1	2183.0	1905.4	1627.8
-35°	3883.1	3563.6	3415.3	3202.3	2947.5	2666.0	2396.0	2167.8	1935.8	1684.8	1437.6
-37.5°	3267.0	3061.6	2886.6	2726.9	2525.3	2281.9	2088.0	1901.6	1707.6	1479.4	1266.5
-40°	2783.9	2635.6	2460.7	2342.8	2179.2	2004.3	1810.3	1654.4	1490.9	1304.5	1129.6
-42.5°	2396.0	2274.3	2160.2	2034.7	1913.0	1764.7	1597.3	1449.0	1300.7	1163.8	1019.3
-45°	2076.5	1989.1	1897.8	1795.1	1688.6	1559.3	1422.4	1270.3	1163.8	1042.1	920.4
-47.5°	1814.1	1749.5	1673.4	1593.5	1502.3	1388.2	1262.7	1152.4	1042.1	939.4	821.5
-50°	1605.0	1544.1	1483.2	1414.8	1334.9	1236.0	1141.0	1038.3	935.6	836.7	726.4
-52.5°	1430.0	1376.8	1327.3	1270.3	1194.2	1110.5	1023.1	931.8	836.7	737.8	650.3
-55°	1308.3	1247.5	1198.0	1141.0	1072.5	992.6	912.8	829.1	737.8	661.8	589.5
-57.5°	1209.4	1141.0	1083.9	1023.1	954.6	886.1	813.9	737.8	669.4	597.1	528.6
-60°	1125.7	1045.9	981.2	920.4	855.7	791.1	730.2	665.6	600.9	536.3	467.8
-62.5°	1038.3	954.6	874.7	817.7	768.2	711.2	658.0	597.1	540.1	475.4	426.0
-65°	939.4	859.5	783.5	734.0	688.4	638.9	589.5	536.3	486.8	437.4	391.7
-67.5°	829.1	760.6	707.4	661.8	616.1	574.3	528.6	483.0	441.2	391.7	346.1
-70°	696.0	658.0	627.5	593.3	551.5	513.4	471.6	429.8	384.1	342.3	300.5
-72.5°	593.3	570.5	547.7	513.4	475.4	441.2	406.9	368.9	330.9	292.8	258.6
-75°	486.8	467.8	448.8	426.0	395.5	368.9	338.5	304.3	273.8	247.2	220.6
-77.5°	391.7	376.5	365.1	346.1	323.3	300.5	281.4	258.6	235.8	209.2	182.6
-80°	311.9	304.3	300.5	292.8	273.8	254.8	239.6	220.6	197.8	178.8	159.7
-82.5°	243.4	243.4	239.6	235.8	220.6	205.4	194.0	178.8	163.5	148.3	129.3
-85°	178.8	174.9	174.9	171.1	159.7	152.1	140.7	133.1	121.7	106.5	98.9
-87.5°	106.5	102.7	98.9	95.1	87.5	83.7	76.1	72.3	64.7	57.0	53.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report

REPORT NUMBER: P722526
CATALOG NUMBER: IFLD-M-SA4B-750-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
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°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	0.0	0.0
85°	11.4	7.6	7.6	7.6	7.6	7.6	3.8	3.8	3.8	3.8	3.8
82.5°	22.8	22.8	19.0	19.0	15.2	11.4	7.6	7.6	7.6	3.8	3.8
80°	34.2	34.2	34.2	30.4	26.6	19.0	15.2	11.4	7.6	3.8	3.8
77.5°	41.8	38.0	38.0	34.2	34.2	30.4	22.8	19.0	11.4	7.6	3.8
75°	41.8	41.8	41.8	38.0	38.0	34.2	30.4	22.8	19.0	11.4	7.6
72.5°	45.6	41.8	41.8	41.8	38.0	34.2	30.4	26.6	22.8	15.2	7.6
70°	41.8	41.8	41.8	41.8	38.0	38.0	30.4	26.6	26.6	15.2	11.4
67.5°	41.8	41.8	41.8	38.0	38.0	34.2	30.4	26.6	26.6	19.0	11.4
65°	45.6	41.8	41.8	41.8	38.0	34.2	30.4	26.6	26.6	22.8	15.2
62.5°	49.4	45.6	45.6	41.8	38.0	34.2	30.4	26.6	26.6	22.8	15.2
60°	53.2	49.4	45.6	45.6	41.8	38.0	30.4	30.4	26.6	22.8	15.2
57.5°	57.0	53.2	53.2	49.4	45.6	41.8	34.2	30.4	26.6	22.8	19.0
55°	68.5	60.9	57.0	57.0	53.2	45.6	38.0	30.4	26.6	22.8	19.0
52.5°	91.3	72.3	64.7	64.7	60.9	53.2	41.8	34.2	26.6	22.8	19.0
50°	144.5	91.3	76.1	68.5	68.5	60.9	49.4	38.0	26.6	22.8	19.0
47.5°	228.2	152.1	91.3	79.9	76.1	72.3	57.0	38.0	30.4	22.8	19.0
45°	376.5	224.4	148.3	95.1	79.9	76.1	64.7	41.8	30.4	26.6	19.0
42.5°	517.2	349.9	228.2	114.1	95.1	83.7	68.5	45.6	34.2	26.6	19.0
40°	813.9	479.2	319.5	186.4	110.3	87.5	76.1	53.2	34.2	26.6	19.0
37.5°	1102.9	635.1	429.8	273.8	125.5	98.9	79.9	57.0	38.0	26.6	22.8
35°	1392.0	889.9	532.4	365.1	167.3	117.9	83.7	60.9	38.0	26.6	22.8
32.5°	1650.6	1129.6	638.9	456.4	251.0	140.7	91.3	64.7	41.8	30.4	22.8
30°	*1863.6*	*1350.1*	*829.1*	*536.3*	*327.1*	*171.1*	*98.9*	*64.7*	*45.6*	*30.4*	*22.8*
27.5°	2023.3	1521.3	1023.1	619.9	391.7	201.6	114.1	72.3	45.6	30.4	22.8
25°	2152.6	1654.4	1194.2	707.4	448.8	251.0	136.9	76.1	49.4	34.2	22.8
22.5°	2255.3	1764.7	1334.9	825.3	517.2	300.5	167.3	83.7	49.4	34.2	22.8
20°	2396.0	1875.0	1430.0	950.8	589.5	346.1	194.0	91.3	49.4	34.2	26.6
17.5°	2517.7	1985.3	1506.1	1057.3	661.8	380.3	224.4	98.9	53.2	34.2	26.6
15°	2658.4	2091.8	1574.5	1141.0	730.2	410.7	251.0	106.5	53.2	38.0	26.6
12.5°	2810.6	2190.6	1624.0	1209.4	802.5	437.4	273.8	121.7	57.0	38.0	26.6
10°	2966.5	2274.3	1665.8	1258.9	855.7	464.0	289.0	136.9	60.9	38.0	26.6
7.5°	3122.4	2350.4	1719.0	1281.7	878.5	494.4	296.6	152.1	60.9	41.8	26.6
5°	3228.9	2399.8	1795.1	1296.9	889.9	528.6	308.1	171.1	64.7	41.8	26.6
2.5°	3320.2	2430.2	1875.0	1308.3	893.8	547.7	304.3	182.6	68.5	41.8	26.6
0°	3362.0	2430.2	1928.2	1300.7	882.3	566.7	304.3	194.0	68.5	41.8	26.6
-2.5°	3297.4	2498.7	1913.0	1304.5	886.1	566.7	319.5	197.8	76.1	45.6	26.6
-5°	3194.7	2525.3	1867.4	1285.5	878.5	566.7	338.5	201.6	79.9	45.6	30.4
-7.5°	3095.8	2536.7	1814.1	1266.5	867.1	551.5	342.3	197.8	87.5	49.4	30.4
-10°	2966.5	2411.2	1745.7	1232.2	844.3	540.1	349.9	197.8	91.3	49.4	30.4
-12.5°	2818.2	2259.1	1662.0	1182.8	817.7	528.6	353.7	197.8	95.1	53.2	30.4
-15°	2647.0	2103.2	1566.9	1129.6	779.7	513.4	346.1	194.0	98.9	53.2	34.2
-17.5°	2453.1	1951.0	1468.0	1064.9	737.8	494.4	330.9	190.2	98.9	53.2	34.2
-20°	2232.5	1798.9	1357.7	1000.2	688.4	471.6	315.7	182.6	98.9	53.2	34.2

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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2034.7	1658.2	1243.6	928.0	635.1	445.0	296.6	174.9	98.9	57.0	34.2
-25°	1871.2	1521.3	1156.2	855.7	578.1	414.5	277.6	167.3	98.9	57.0	34.2
-27.5°	1700.0	1373.0	1064.9	787.3	540.1	387.9	258.6	159.7	95.1	57.0	34.2
-30°	1525.1	1228.4	969.8	711.2	502.0	361.3	243.4	148.3	95.1	57.0	34.2
-32.5°	1365.3	1110.5	882.3	635.1	460.2	334.7	228.2	144.5	91.3	57.0	34.2
-35°	1209.4	1004.0	791.1	574.3	414.5	308.1	213.0	140.7	91.3	57.0	34.2
-37.5°	1080.1	905.2	707.4	532.4	387.9	285.2	197.8	133.1	87.5	57.0	34.2
-40°	973.6	813.9	627.5	486.8	365.1	262.4	182.6	129.3	87.5	57.0	34.2
-42.5°	874.7	726.4	578.1	448.8	342.3	247.2	171.1	125.5	83.7	57.0	34.2
-45°	787.3	650.3	528.6	414.5	315.7	228.2	163.5	117.9	79.9	57.0	38.0
-47.5°	699.8	597.1	483.0	384.1	289.0	205.4	155.9	114.1	76.1	53.2	38.0
-50°	631.3	540.1	445.0	349.9	262.4	197.8	148.3	106.5	76.1	53.2	38.0
-52.5°	570.5	486.8	403.1	315.7	239.6	186.4	140.7	98.9	72.3	53.2	38.0
-55°	513.4	437.4	361.3	281.4	224.4	174.9	129.3	91.3	72.3	53.2	38.0
-57.5°	456.4	391.7	319.5	254.8	205.4	163.5	121.7	91.3	72.3	53.2	38.0
-60°	410.7	349.9	289.0	235.8	190.2	148.3	110.3	87.5	68.5	53.2	38.0
-62.5°	372.7	315.7	262.4	213.0	174.9	133.1	106.5	87.5	68.5	53.2	34.2
-65°	334.7	285.2	235.8	194.0	155.9	125.5	102.7	83.7	68.5	53.2	34.2
-67.5°	296.6	251.0	213.0	171.1	144.5	121.7	98.9	83.7	64.7	49.4	34.2
-70°	258.6	220.6	186.4	159.7	136.9	114.1	95.1	79.9	64.7	45.6	30.4
-72.5°	228.2	194.0	167.3	148.3	129.3	110.3	91.3	76.1	60.9	41.8	26.6
-75°	194.0	171.1	152.1	133.1	117.9	102.7	87.5	68.5	53.2	38.0	26.6
-77.5°	163.5	148.3	133.1	121.7	106.5	91.3	76.1	60.9	49.4	34.2	22.8
-80°	140.7	129.3	117.9	106.5	95.1	79.9	68.5	53.2	41.8	30.4	19.0
-82.5°	114.1	106.5	95.1	87.5	79.9	68.5	57.0	45.6	30.4	22.8	15.2
-85°	87.5	79.9	76.1	68.5	60.9	49.4	38.0	30.4	22.8	15.2	7.6
-87.5°	45.6	41.8	38.0	34.2	30.4	22.8	19.0	15.2	11.4	7.6	3.8
-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):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0
80°	3.8	0.0	0.0	0.0
77.5°	3.8	0.0	0.0	0.0
75°	3.8	3.8	0.0	0.0
72.5°	3.8	3.8	0.0	0.0
70°	3.8	3.8	0.0	0.0
67.5°	7.6	3.8	0.0	0.0
65°	7.6	3.8	0.0	0.0
62.5°	7.6	3.8	0.0	0.0
60°	7.6	3.8	0.0	0.0
57.5°	11.4	3.8	3.8	0.0
55°	11.4	3.8	3.8	0.0
52.5°	11.4	3.8	3.8	0.0
50°	11.4	7.6	3.8	0.0
47.5°	11.4	7.6	3.8	0.0
45°	11.4	7.6	3.8	0.0
42.5°	11.4	7.6	3.8	0.0
40°	15.2	7.6	3.8	0.0
37.5°	15.2	7.6	3.8	0.0
35°	15.2	7.6	3.8	0.0
32.5°	15.2	7.6	3.8	0.0
30°	*15.2*	*7.6*	*3.8*	*0.0*
27.5°	15.2	11.4	3.8	0.0
25°	15.2	11.4	3.8	0.0
22.5°	19.0	11.4	3.8	0.0
20°	19.0	11.4	3.8	0.0
17.5°	19.0	11.4	3.8	0.0
15°	19.0	11.4	3.8	0.0
12.5°	19.0	11.4	3.8	0.0
10°	19.0	11.4	3.8	0.0
7.5°	19.0	11.4	3.8	0.0
5°	19.0	11.4	3.8	0.0
2.5°	19.0	11.4	3.8	0.0
0°	19.0	11.4	3.8	0.0
-2.5°	19.0	11.4	3.8	0.0
-5°	19.0	11.4	3.8	0.0
-7.5°	19.0	11.4	3.8	0.0
-10°	19.0	11.4	3.8	0.0
-12.5°	22.8	11.4	3.8	0.0
-15°	22.8	11.4	3.8	0.0
-17.5°	22.8	11.4	3.8	0.0
-20°	22.8	11.4	3.8	0.0

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

Scaled Data Report

REPORT NUMBER: P722526
CATALOG NUMBER: IFLD-M-SA4B-750-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	22.8	11.4	3.8	0.0
-25°	22.8	11.4	3.8	0.0
-27.5°	22.8	11.4	3.8	0.0
-30°	22.8	11.4	3.8	0.0
-32.5°	22.8	11.4	3.8	0.0
-35°	22.8	11.4	3.8	0.0
-37.5°	22.8	11.4	3.8	0.0
-40°	22.8	11.4	3.8	0.0
-42.5°	19.0	11.4	3.8	0.0
-45°	22.8	11.4	3.8	0.0
-47.5°	22.8	11.4	3.8	0.0
-50°	22.8	11.4	3.8	0.0
-52.5°	22.8	11.4	3.8	0.0
-55°	22.8	11.4	3.8	0.0
-57.5°	22.8	11.4	3.8	0.0
-60°	22.8	11.4	3.8	0.0
-62.5°	19.0	11.4	3.8	0.0
-65°	19.0	7.6	3.8	0.0
-67.5°	19.0	7.6	3.8	0.0
-70°	19.0	7.6	3.8	0.0
-72.5°	15.2	7.6	3.8	0.0
-75°	15.2	7.6	3.8	0.0
-77.5°	11.4	3.8	0.0	0.0
-80°	11.4	3.8	0.0	0.0
-82.5°	7.6	3.8	0.0	0.0
-85°	3.8	3.8	0.0	0.0
-87.5°	3.8	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)