

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: FAIL-SAFE

Report Number: P837981

Luminaire Tested: **ORLG-24-2-INS-ASY2R-LD4-6STD-30-120-EDD-90**

Issue Date: 5/21/2024

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

**Test Information**

Test Method: LM-79-08
Report Number: P837981
Test Lab: INNOVATION CENTER(G2)
Issue Date: 5/21/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: ORLG-24-2-INS-ASY2R-LD4-6STD-30-120-EDD-90
Description: 2FT x 2FT ORL LED LUMINAIRE WITH asymmetric/symmetric lens v2 and
RFI grid
Light Source: 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

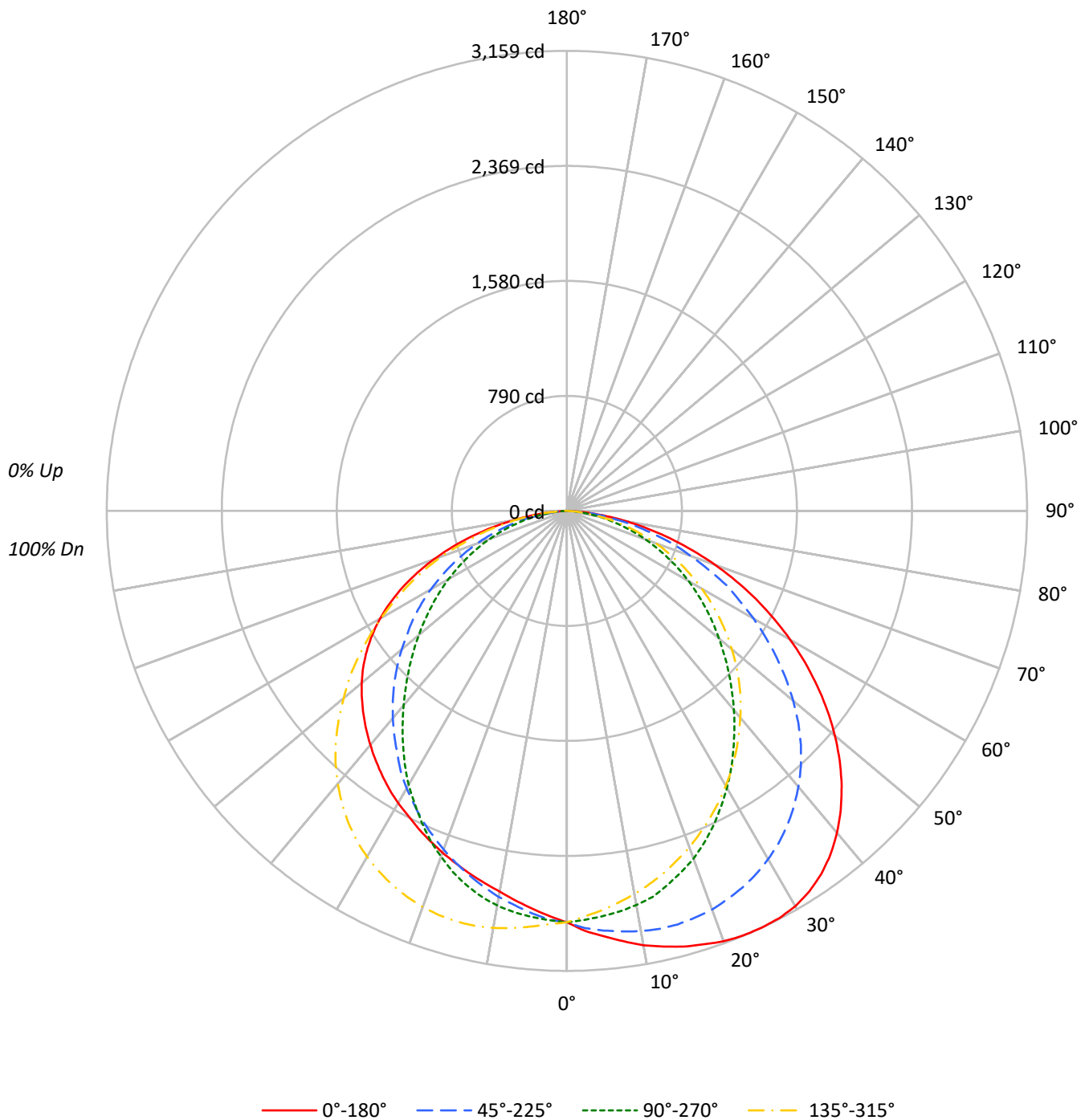
Lumens per Lamp: N/A
Luminaire Lumens: 8287.6 lumens
Efficiency: N/A
Efficacy: 83.0 lumens/watt
Spacing Criteria (0/90/45): 1.43 / 1.16 / 1.4
Luminous Opening: Rectangular (W 2' x L: 2' x H: 0')
CIE Type: Direct

Input Watts (W): 99.9
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

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	109	104	100	96	106	102	98	94	97	94	91		94	91	89		90
2	99	91	84	78	96	89	82	77	85	80	75		82	77	73		79
3	90	79	71	65	88	78	70	64	75	68	63		72	66	62		69
4	82	70	61	55	80	69	61	54	66	59	53		64	58	53		62
5	76	63	54	47	74	62	53	47	59	52	46		57	51	46		56
6	70	56	47	41	68	55	47	41	54	46	40		52	45	40		50
7	65	51	42	36	63	50	42	36	49	41	36		47	40	35		46
8	60	47	38	32	59	46	38	32	45	37	32		43	37	32		42
9	56	43	34	29	55	42	34	29	41	34	29		40	33	28		39
10	53	39	31	26	51	39	31	26	38	31	26		37	30	26		36

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	7601	7601	7601	7601
5°	7923	7547	7404	7559
10°	8275	7508	7254	7519
15°	8630	7412	7183	7414
20°	9007	7278	7151	7237
25°	9379	7075	7151	7002
30°	9742	6828	7199	6752
35°	10000	6548	7271	6444
40°	10134	6266	7372	6125
45°	10153	5981	7515	5830
50°	10057	5707	7699	5556
55°	9849	5453	7871	5302
60°	9540	5188	7976	5054
65°	9113	4884	7934	4770
70°	8513	4526	7652	4443
75°	7660	4035	7022	4014
80°	6495	3380	5903	3431
85°	4517	2238	3742	2300

Classified

Scaled Data Report

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	268.2	3.2
10°-20°	776.6	9.4
20°-30°	1190.2	14.4
30°-40°	1447.2	17.5
40°-50°	1504.5	18.2
50°-60°	1359.0	16.4
60°-70°	1033.2	12.5
70°-80°	576.0	7.0
80°-90°	132.6	1.6
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	2235.1	27.0
0°-40°	3682.3	44.4
0°-60°	6545.8	79.0
0°-90°	8287.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	8287.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2825	2825	2825	2825	2825	
5°	2933	2794	2741	2798	2933	283
15°	3098	2661	2578	2661	3098	878
25°	3159	2383	2408	2358	3159	1459
35°	3044	1993	2213	1962	3044	1901
45°	2668	1572	1975	1532	2668	2054
55°	2099	1162	1678	1130	2099	1874
65°	1431	767	1246	749	1431	1414
75°	737	388	675	386	737	783
85°	146	72	121	74	146	184
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	2824.8	2824.8	2824.8	2824.8	2824.8	2824.8	2824.8	2824.8	2824.8	2824.8	2824.8
2.5°	2887.4	2845.2	2845.9	2882.8	2854.5	2868.3	2828.8	2843.9	2839.3	2842.6	2810.3
5°	2932.9	2887.4	2886.8	2918.4	2886.8	2892.7	2842.6	2852.5	2838.0	2828.8	2793.9
7.5°	2981.0	2935.5	2930.9	2958.6	2917.1	2912.5	2857.1	2857.1	2830.8	2807.7	2774.7
10°	3028.4	2981.6	2975.7	2996.8	2945.4	2930.3	2863.0	2852.5	2817.6	2783.3	2747.7
12.5°	3064.0	3016.6	3012.0	3025.1	2967.2	2939.5	2863.0	2842.6	2791.2	2743.1	2715.4
15°	3097.6	3048.9	3036.3	3042.9	2976.4	2939.5	2853.8	2822.2	2756.3	2693.0	2660.7
17.5°	3121.3	3074.6	3062.0	3061.4	2981.0	2928.3	2834.0	2790.6	2711.5	2635.1	2602.8
20°	3145.1	3098.3	3082.5	3070.6	2979.7	2913.1	2805.1	2746.4	2654.2	2568.5	2541.5
22.5°	3156.9	3108.8	3091.7	3073.9	2971.1	2885.4	2769.5	2695.0	2589.6	2487.5	2465.0
25°	3158.9	3109.5	3091.0	3065.3	2954.0	2852.5	2723.3	2633.1	2515.1	2401.8	2382.7
27.5°	3153.6	3099.6	3081.1	3050.2	2928.3	2812.3	2668.7	2562.6	2436.1	2310.9	2290.4
30°	3135.2	3080.5	3062.7	3022.5	2892.0	2762.9	2608.7	2484.2	2348.4	2215.3	2197.5
32.5°	3098.3	3044.9	3030.4	2990.2	2852.5	2705.6	2538.8	2399.8	2251.6	2124.4	2098.0
35°	3044.2	2990.9	2981.6	2939.5	2797.1	2637.0	2462.4	2307.6	2148.8	2019.0	1993.3
37.5°	2973.7	2928.9	2915.1	2873.6	2731.9	2559.3	2374.8	2207.4	2044.0	1904.3	1888.5
40°	2884.8	2842.6	2832.1	2795.2	2656.1	2473.0	2279.9	2104.0	1935.9	1806.1	1783.7
42.5°	2783.3	2743.8	2737.8	2699.6	2562.6	2377.4	2177.1	1996.6	1823.3	1698.1	1675.7
45°	2668.0	2629.8	2628.5	2592.2	2460.4	2271.3	2069.0	1887.8	1713.2	1583.4	1571.5
47.5°	2540.8	2506.6	2506.6	2473.0	2346.4	2154.7	1957.7	1774.5	1602.5	1487.9	1466.8
50°	2402.4	2370.2	2360.3	2343.8	2220.6	2027.5	1840.4	1663.8	1493.1	1383.7	1363.3
52.5°	2254.8	2227.2	2233.8	2203.5	2084.2	1895.1	1721.8	1539.3	1383.1	1283.6	1263.2
55°	2099.3	2059.8	2065.7	2054.5	1941.9	1758.7	1588.7	1436.5	1275.0	1181.5	1162.3
57.5°	1937.9	1886.5	1907.6	1901.0	1790.3	1619.0	1466.8	1319.8	1167.6	1081.3	1062.9
60°	1772.5	1723.1	1744.8	1738.9	1634.8	1479.3	1340.9	1204.5	1060.9	982.5	964.0
62.5°	1602.5	1557.0	1576.8	1572.2	1476.7	1336.3	1215.7	1090.5	953.5	883.0	865.8
65°	1431.2	1387.7	1405.5	1402.2	1313.9	1207.2	1087.2	972.6	845.4	784.1	767.0
67.5°	1255.9	1215.7	1232.2	1232.2	1151.1	1049.0	958.1	853.3	739.3	686.6	670.8
70°	1082.0	1044.4	1058.9	1057.6	989.1	906.0	827.6	734.0	631.9	588.4	575.2
72.5°	906.7	873.7	886.9	885.6	828.3	774.9	697.1	616.1	527.1	492.2	480.4
75°	736.7	705.7	718.2	716.9	670.1	620.1	568.0	500.8	424.3	400.0	388.1
77.5°	574.6	543.0	553.5	553.5	519.2	483.0	441.5	389.4	335.4	309.0	300.5
80°	419.1	403.9	398.7	399.3	376.2	352.5	331.4	281.4	241.8	224.0	218.1
82.5°	275.4	262.9	257.6	259.0	245.8	231.3	218.1	183.2	156.8	146.3	143.0
85°	146.3	137.1	132.4	135.7	133.1	125.2	118.6	94.9	78.4	74.5	72.5
87.5°	46.1	40.2	36.9	48.8	41.5	36.9	35.6	28.3	21.7	21.7	21.1
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):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°	185°
0°	2824.8	2824.8	2824.8	2824.8	2824.8	2824.8	2824.8	2824.8	2824.8	2824.8	2824.8
2.5°	2820.9	2820.9	2795.2	2789.2	2786.6	2789.9	2764.2	2759.6	2796.5	2784.0	2755.6
5°	2798.5	2797.1	2760.9	2754.3	2754.3	2750.4	2721.4	2714.8	2751.7	2741.1	2710.2
7.5°	2770.8	2766.8	2724.0	2719.4	2712.8	2710.2	2677.9	2673.3	2704.9	2698.3	2669.3
10°	2737.2	2733.2	2682.5	2679.2	2672.0	2666.7	2636.4	2633.1	2665.4	2654.8	2631.8
12.5°	2693.0	2685.8	2633.7	2630.4	2624.5	2622.5	2592.9	2591.6	2627.1	2616.6	2592.2
15°	2635.1	2629.1	2571.1	2572.5	2573.1	2573.1	2549.4	2548.1	2583.0	2578.4	2552.0
17.5°	2571.1	2563.2	2507.9	2511.8	2516.4	2521.7	2503.3	2506.6	2543.5	2537.5	2513.8
20°	2498.7	2490.7	2436.7	2447.9	2457.8	2468.3	2456.5	2465.7	2500.0	2497.3	2479.5
22.5°	2417.6	2409.7	2359.6	2376.8	2393.2	2413.0	2407.7	2418.3	2454.5	2453.8	2438.0
25°	2318.8	2320.7	2276.6	2297.7	2325.4	2353.0	2355.0	2372.1	2412.3	2408.4	2393.9
27.5°	2226.5	2229.2	2182.4	2217.9	2254.8	2290.4	2299.0	2322.7	2363.6	2360.3	2347.8
30°	2129.7	2132.9	2087.5	2136.2	2181.1	2224.5	2243.0	2275.3	2316.8	2316.8	2303.6
32.5°	2028.8	2034.8	1987.3	2052.6	2104.6	2155.4	2187.6	2221.2	2268.7	2267.4	2256.2
35°	1925.4	1932.0	1888.5	1971.5	2023.6	2085.5	2125.7	2170.5	2212.7	2213.3	2204.8
37.5°	1820.0	1827.9	1788.3	1879.3	1938.6	2011.7	2063.1	2107.9	2154.7	2157.3	2149.4
40°	1715.2	1723.8	1689.5	1777.1	1852.2	1934.0	1993.3	2046.0	2097.4	2098.7	2093.4
42.5°	1610.4	1619.6	1593.9	1679.6	1764.6	1852.2	1922.1	1982.1	2034.8	2038.1	2032.1
45°	1508.3	1516.2	1497.7	1591.3	1673.0	1768.6	1849.0	1916.8	1970.2	1974.8	1972.8
47.5°	1406.8	1414.1	1397.6	1483.2	1577.5	1678.9	1771.9	1847.0	1903.6	1908.9	1907.6
50°	1307.3	1313.2	1295.5	1385.1	1478.6	1586.7	1683.6	1770.5	1833.8	1839.1	1838.4
52.5°	1208.5	1214.4	1199.2	1293.5	1378.5	1492.5	1597.9	1692.1	1754.7	1762.6	1763.9
55°	1112.9	1115.6	1103.7	1194.0	1276.3	1395.6	1516.9	1608.4	1671.0	1677.6	1681.6
57.5°	1017.4	1018.0	1008.2	1094.5	1173.5	1295.5	1422.6	1518.8	1578.1	1584.7	1590.7
60°	922.5	921.8	910.6	994.3	1070.1	1190.7	1323.1	1418.7	1476.0	1481.9	1489.8
62.5°	828.3	826.3	816.4	893.5	964.7	1083.9	1217.0	1309.3	1364.0	1367.9	1378.5
65°	734.7	732.7	723.5	794.7	859.2	973.2	1103.7	1191.3	1240.8	1246.0	1244.1
67.5°	642.5	638.5	631.3	695.2	753.8	859.2	984.4	1068.1	1109.0	1113.6	1126.1
70°	550.2	545.6	529.1	597.0	648.4	742.6	859.2	933.7	968.0	972.6	970.6
72.5°	459.3	454.7	436.9	499.5	543.0	625.3	729.4	791.4	821.0	825.0	825.0
75°	371.0	368.3	357.1	404.6	440.8	508.0	596.3	647.7	670.8	675.4	674.1
77.5°	286.0	284.0	272.8	313.6	342.0	392.1	463.2	503.4	520.6	525.8	537.0
80°	204.9	204.3	186.5	226.7	239.2	281.4	333.4	364.4	373.6	380.9	388.8
82.5°	131.1	131.8	114.0	148.3	153.5	180.5	212.8	231.9	238.5	244.5	250.4
85°	63.9	66.6	56.7	78.4	79.1	92.9	106.7	114.0	116.6	121.2	126.5
87.5°	16.5	19.1	10.5	22.4	19.8	25.7	29.7	31.6	31.0	34.3	36.2
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):

	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°	285°
0°	2824.8	2824.8	2824.8	2824.8	2824.8	2824.8	2824.8	2824.8	2824.8	2824.8	2824.8
2.5°	2764.9	2785.9	2775.4	2809.7	2822.8	2801.8	2838.7	2839.3	2813.0	2843.9	2861.1
5°	2722.0	2743.8	2737.2	2772.8	2789.2	2770.8	2815.6	2824.2	2798.5	2833.4	2861.1
7.5°	2678.5	2704.2	2695.7	2731.9	2751.7	2737.2	2785.3	2799.1	2779.4	2817.6	2854.5
10°	2641.0	2662.7	2653.5	2691.7	2708.9	2697.0	2744.4	2770.1	2751.7	2798.5	2842.6
12.5°	2604.1	2621.9	2611.3	2643.0	2659.4	2644.3	2702.3	2726.0	2712.8	2761.6	2818.2
15°	2556.6	2576.4	2561.9	2590.2	2602.8	2589.6	2637.0	2677.9	2661.4	2714.8	2777.4
17.5°	2520.4	2531.6	2511.8	2534.2	2541.5	2523.7	2571.8	2612.0	2600.1	2658.1	2730.6
20°	2480.2	2489.4	2461.8	2474.3	2473.6	2451.2	2495.4	2534.9	2527.0	2590.9	2673.3
22.5°	2435.4	2440.0	2407.7	2410.4	2409.0	2372.1	2411.7	2451.9	2448.6	2513.1	2605.4
25°	2388.0	2388.6	2347.1	2345.8	2331.3	2287.8	2322.7	2368.2	2358.3	2428.1	2525.0
27.5°	2341.2	2334.6	2284.5	2272.6	2249.6	2197.5	2228.5	2269.3	2263.4	2331.9	2439.3
30°	2291.1	2282.5	2221.2	2199.5	2165.9	2105.9	2131.6	2169.8	2173.1	2233.1	2345.8
32.5°	2243.6	2221.9	2154.0	2122.4	2080.2	2010.4	2024.2	2063.1	2068.4	2129.0	2245.0
35°	2182.4	2167.9	2084.2	2030.2	1988.6	1912.2	1926.7	1953.7	1961.6	2020.9	2138.9
37.5°	2124.4	2101.3	2012.4	1946.5	1893.1	1812.7	1816.7	1844.3	1852.2	1912.2	2028.8
40°	2064.4	2031.5	1935.9	1858.8	1797.6	1713.2	1708.6	1737.6	1743.5	1802.2	1907.6
42.5°	2000.5	1961.0	1853.6	1769.2	1698.7	1613.1	1603.8	1628.9	1635.5	1692.8	1796.2
45°	1935.9	1888.5	1769.2	1677.0	1599.9	1512.2	1503.0	1522.1	1532.0	1586.0	1685.5
47.5°	1867.4	1812.1	1682.2	1579.4	1499.7	1412.1	1400.9	1420.0	1427.9	1481.3	1575.5
50°	1795.6	1728.4	1592.6	1479.3	1400.2	1313.9	1297.4	1319.8	1327.1	1377.2	1469.4
52.5°	1716.5	1642.0	1497.1	1378.5	1299.4	1217.0	1197.3	1219.0	1227.6	1276.3	1361.3
55°	1632.8	1552.4	1400.9	1285.6	1199.9	1119.5	1103.0	1111.6	1130.1	1176.2	1255.3
57.5°	1538.6	1458.9	1299.4	1182.1	1099.7	1022.7	1008.8	1016.7	1033.9	1078.7	1149.8
60°	1438.4	1354.1	1196.0	1078.7	998.9	925.8	913.3	920.5	939.0	979.8	1045.7
62.5°	1339.6	1244.7	1089.2	972.6	900.1	832.2	828.9	826.3	843.4	883.0	940.9
65°	1219.7	1128.7	977.8	867.1	801.3	740.0	726.8	732.7	749.2	785.4	846.1
67.5°	1091.2	1008.8	863.9	761.7	703.1	648.4	637.2	639.8	657.0	688.6	741.3
70°	954.8	882.3	747.2	655.6	606.2	554.8	547.6	548.2	564.7	592.4	638.5
72.5°	811.8	746.6	629.3	550.9	510.0	473.1	466.5	458.6	473.8	497.5	537.0
75°	666.2	608.8	512.0	448.1	415.8	384.8	378.9	371.0	386.1	406.6	437.5
77.5°	519.2	473.1	398.0	348.6	323.5	300.5	295.2	286.6	301.8	316.9	341.3
80°	375.6	342.0	297.2	245.1	236.6	221.4	216.1	206.9	221.4	231.3	249.7
82.5°	242.5	220.1	194.4	158.1	156.8	145.6	143.0	132.4	145.6	151.6	165.4
85°	122.6	112.0	105.4	80.4	83.0	75.8	75.1	63.9	74.5	77.1	85.0
87.5°	34.9	36.9	32.9	19.8	25.0	23.7	23.7	17.1	23.7	23.7	27.0
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

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P837981

CATALOG NUMBER: ORLG-24-2-INS-ASY2R-LD4-6STD-30-120-EDD-90

CANDELA DISTRIBUTION (continued):

	295°	305°	315°	325°	335°	345°	355°	360°
0°	2824.8	2824.8	2824.8	2824.8	2824.8	2824.8	2824.8	2824.8
2.5°	2827.5	2838.7	2841.3	2840.6	2847.9	2887.4	2874.2	2887.4
5°	2834.0	2859.1	2865.7	2874.9	2886.8	2931.6	2917.1	2932.9
7.5°	2838.0	2875.6	2890.1	2907.8	2927.0	2977.0	2965.2	2981.0
10°	2838.0	2886.8	2907.8	2937.5	2963.2	3021.2	3010.0	3028.4
12.5°	2826.1	2888.7	2918.4	2959.9	2992.8	3055.4	3050.8	3064.0
15°	2801.8	2878.9	2919.7	2973.1	3013.9	3083.8	3081.8	3097.6
17.5°	2768.8	2861.7	2911.1	2978.4	3029.7	3108.2	3112.8	3121.3
20°	2727.3	2829.4	2894.0	2976.4	3041.0	3127.3	3133.2	3145.1
22.5°	2672.6	2790.6	2868.3	2967.8	3042.3	3135.2	3145.7	3156.9
25°	2608.0	2743.8	2834.7	2951.3	3035.7	3134.5	3149.0	3158.9
27.5°	2534.2	2683.2	2791.9	2925.0	3017.2	3124.0	3141.8	3153.6
30°	2448.6	2618.6	2743.1	2890.7	2992.2	3104.2	3123.3	3135.2
32.5°	2360.3	2547.4	2685.1	2846.6	2955.9	3072.6	3089.1	3098.3
35°	2264.1	2461.1	2615.3	2789.9	2909.2	3021.8	3034.4	3044.2
37.5°	2159.3	2367.5	2535.6	2726.0	2843.3	2951.3	2962.5	2973.7
40°	2051.2	2269.3	2445.9	2647.6	2764.9	2865.0	2876.9	2884.8
42.5°	1942.5	2160.6	2350.4	2555.3	2672.0	2768.2	2775.4	2783.3
45°	1832.5	2047.9	2243.0	2453.2	2568.5	2658.8	2661.4	2668.0
47.5°	1720.5	1931.3	2125.0	2336.6	2450.6	2532.9	2535.6	2540.8
50°	1607.8	1814.7	1999.2	2210.7	2322.1	2409.0	2397.2	2402.4
52.5°	1497.1	1692.1	1880.6	2075.0	2185.0	2262.1	2265.4	2254.8
55°	1388.4	1572.2	1745.5	1932.6	2037.4	2097.4	2095.4	2099.3
57.5°	1278.3	1451.0	1609.8	1781.1	1883.2	1939.9	1951.7	1937.9
60°	1166.3	1328.4	1470.7	1625.6	1724.4	1771.9	1785.7	1772.5
62.5°	1054.9	1203.9	1333.0	1468.1	1559.7	1618.3	1617.0	1602.5
65°	943.6	1078.7	1194.0	1308.6	1388.4	1447.0	1444.4	1431.2
67.5°	840.8	952.2	1055.6	1148.5	1217.7	1257.9	1271.7	1255.9
70°	727.5	823.7	914.6	989.1	1046.4	1082.6	1095.8	1082.0
72.5°	614.1	695.8	759.7	831.6	875.7	906.0	919.9	906.7
75°	502.1	569.3	621.4	677.4	708.3	734.0	749.9	736.7
77.5°	393.4	445.4	486.9	527.8	563.4	569.3	583.2	574.6
80°	289.9	327.5	357.8	384.8	410.5	413.1	424.3	419.1
82.5°	193.1	218.1	226.0	254.3	270.8	268.2	279.4	275.4
85°	102.1	117.3	131.1	139.7	148.9	140.4	150.2	146.3
87.5°	34.3	36.2	31.6	44.8	49.4	42.2	48.1	46.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)