

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: P838113

Luminaire Tested: **ORLG-24-4-INS-ASY2R-LD4-2STD-40-120-EDD**

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: P838113
Test Lab: INNOVATION CENTER(G2)
Issue Date: 5/21/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: ORLG-24-4-INS-ASY2R-LD4-2STD-40-120-EDD
Description: 2FT x 4FT ORL LED LUMINAIRE WITH asymmetric/symmetric lens v2 and RFI grid
Light Source: 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

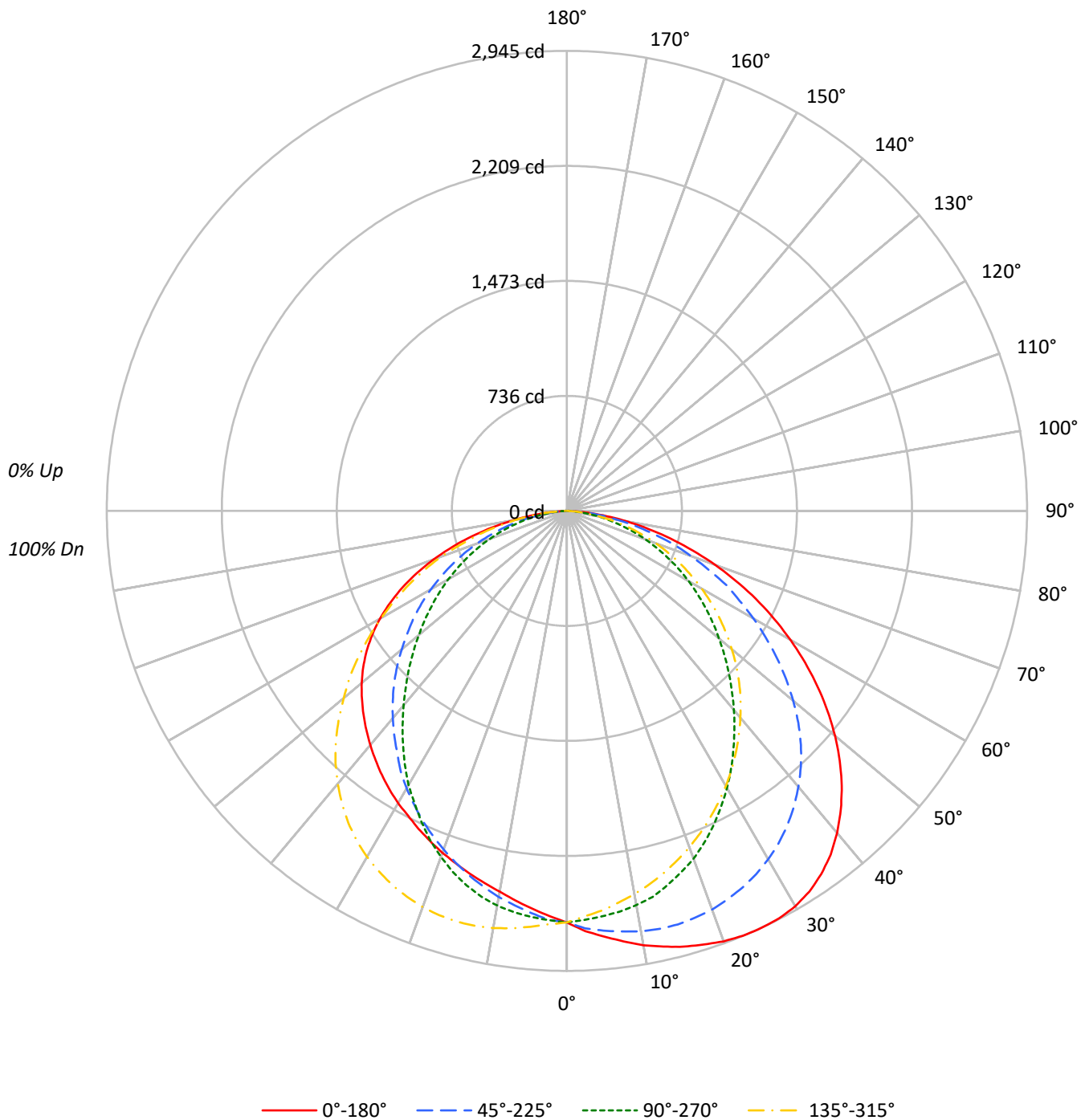
Lumens per Lamp: N/A
Luminaire Lumens: 7727.5 lumens
Efficiency: N/A
Efficacy: 116.0 lumens/watt
Spacing Criteria (0/90/45): 1.43 / 1.16 / 1.4
Luminous Opening: Rectangular (W 2' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 66.6
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

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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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	109	104	100	96	106	102	98	94	97	94	91	94	91	89	90	88	86	84		
2	99	91	84	78	96	89	82	77	85	80	75	82	77	73	79	75	72	70		
3	90	79	71	65	88	78	70	64	75	68	63	72	66	62	69	65	61	59		
4	82	70	61	55	80	69	61	54	66	59	53	64	58	53	62	56	52	50		
5	76	63	54	47	74	62	53	47	59	52	46	57	51	46	56	50	45	43		
6	70	56	47	41	68	55	47	41	54	46	40	52	45	40	50	44	40	38		
7	65	51	42	36	63	50	42	36	49	41	36	47	40	35	46	40	35	33		
8	60	47	38	32	59	46	38	32	45	37	32	43	37	32	42	36	31	29		
9	56	43	34	29	55	42	34	29	41	34	29	40	33	28	39	33	28	26		
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	3544	3544	3544	3544
5°	3694	3518	3452	3524
10°	3858	3500	3382	3505
15°	4023	3456	3349	3457
20°	4199	3393	3334	3374
25°	4373	3298	3334	3264
30°	4542	3183	3356	3148
35°	4662	3053	3390	3004
40°	4724	2921	3437	2855
45°	4734	2788	3504	2718
50°	4689	2661	3589	2590
55°	4592	2542	3669	2472
60°	4447	2419	3718	2356
65°	4249	2277	3699	2224
70°	3969	2110	3567	2071
75°	3571	1881	3274	1871
80°	3028	1576	2751	1599
85°	2106	1044	1744	1071

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	250.1	3.2
10°-20°	724.1	9.4
20°-30°	1109.8	14.4
30°-40°	1349.4	17.5
40°-50°	1402.8	18.2
50°-60°	1267.2	16.4
60°-70°	963.4	12.5
70°-80°	537.1	7.0
80°-90°	123.7	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°	2084.0	27.0
0°-40°	3433.4	44.4
0°-60°	6103.4	79.0
0°-90°	7727.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	7727.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2634	2634	2634	2634	2634	
5°	2735	2605	2556	2609	2735	264
15°	2888	2481	2404	2482	2888	819
25°	2945	2222	2246	2199	2945	1360
35°	2838	1858	2064	1829	2838	1773
45°	2488	1465	1841	1428	2488	1915
55°	1957	1084	1564	1054	1957	1747
65°	1334	715	1162	699	1334	1319
75°	687	362	630	360	687	730
85°	136	68	113	69	136	172
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°	2633.9	2633.9	2633.9	2633.9	2633.9	2633.9	2633.9	2633.9	2633.9	2633.9	2633.9
2.5°	2692.3	2652.9	2653.6	2688.0	2661.5	2674.4	2637.6	2651.7	2647.4	2650.5	2620.4
5°	2734.7	2692.3	2691.6	2721.1	2691.6	2697.2	2650.5	2659.7	2646.2	2637.6	2605.0
7.5°	2779.5	2737.1	2732.8	2758.6	2719.9	2715.6	2664.0	2664.0	2639.4	2617.9	2587.2
10°	2823.7	2780.1	2774.6	2794.2	2746.3	2732.2	2669.5	2659.7	2627.1	2595.2	2562.0
12.5°	2856.9	2812.7	2808.4	2820.7	2766.6	2740.8	2669.5	2650.5	2602.6	2557.7	2531.9
15°	2888.2	2842.8	2831.1	2837.3	2775.2	2740.8	2660.9	2631.4	2570.0	2511.0	2480.9
17.5°	2910.4	2866.7	2855.1	2854.5	2779.5	2730.4	2642.5	2601.9	2528.2	2456.9	2426.8
20°	2932.5	2888.9	2874.1	2863.1	2778.3	2716.2	2615.5	2560.8	2474.8	2394.9	2369.7
22.5°	2943.5	2898.7	2882.7	2866.1	2770.3	2690.4	2582.3	2512.9	2414.6	2319.3	2298.4
25°	2945.4	2899.3	2882.1	2858.1	2754.3	2659.7	2539.3	2455.1	2345.1	2239.5	2221.6
27.5°	2940.5	2890.1	2872.9	2844.0	2730.4	2622.2	2488.3	2389.4	2271.4	2154.7	2135.6
30°	2923.3	2872.3	2855.7	2818.2	2696.6	2576.1	2432.4	2316.3	2189.7	2065.6	2049.0
32.5°	2888.9	2839.1	2825.6	2788.1	2659.7	2522.7	2367.2	2237.6	2099.4	1980.8	1956.2
35°	2838.5	2788.7	2780.1	2740.8	2608.1	2458.8	2296.0	2151.6	2003.5	1882.5	1858.5
37.5°	2772.7	2731.0	2718.1	2679.4	2547.3	2386.3	2214.3	2058.2	1905.8	1775.6	1760.8
40°	2689.8	2650.5	2640.7	2606.2	2476.6	2305.8	2125.8	1961.7	1805.1	1684.0	1663.2
42.5°	2595.2	2558.3	2552.8	2517.2	2389.4	2216.7	2029.9	1861.6	1700.0	1583.3	1562.4
45°	2487.7	2452.0	2450.8	2417.0	2294.1	2117.8	1929.2	1760.2	1597.4	1476.4	1465.3
47.5°	2369.1	2337.1	2337.1	2305.8	2187.8	2009.1	1825.4	1654.6	1494.2	1387.3	1367.6
50°	2240.1	2210.0	2200.7	2185.4	2070.5	1890.5	1716.0	1551.3	1392.2	1290.2	1271.2
52.5°	2102.4	2076.6	2082.8	2054.5	1943.3	1767.0	1605.4	1435.2	1289.6	1196.8	1177.8
55°	1957.4	1920.6	1926.1	1915.7	1810.6	1639.8	1481.3	1339.4	1188.8	1101.6	1083.8
57.5°	1806.9	1759.0	1778.7	1772.5	1669.3	1509.6	1367.6	1230.6	1088.7	1008.2	991.0
60°	1652.7	1606.6	1626.9	1621.4	1524.3	1379.3	1250.3	1123.1	989.2	916.1	898.9
62.5°	1494.2	1451.8	1470.2	1465.9	1376.8	1246.0	1133.6	1016.8	889.0	823.3	807.3
65°	1334.5	1293.9	1310.5	1307.4	1225.1	1125.6	1013.7	906.8	788.3	731.1	715.2
67.5°	1171.0	1133.6	1148.9	1148.9	1073.3	978.1	893.3	795.6	689.3	640.2	625.4
70°	1008.8	973.8	987.3	986.1	922.2	844.8	771.7	684.4	589.2	548.7	536.4
72.5°	845.4	814.7	827.0	825.7	772.3	722.5	650.0	574.5	491.5	458.9	447.9
75°	686.9	658.0	669.7	668.5	624.8	578.1	529.6	466.9	395.7	372.9	361.9
77.5°	535.7	506.3	516.1	516.1	484.1	450.3	411.6	363.1	312.7	288.1	280.2
80°	390.8	376.6	371.7	372.3	350.8	328.7	309.0	262.3	225.5	208.9	203.4
82.5°	256.8	245.1	240.2	241.5	229.2	215.7	203.4	170.8	146.2	136.4	133.3
85°	136.4	127.8	123.5	126.6	124.1	116.7	110.6	88.5	73.1	69.4	67.6
87.5°	43.0	37.5	34.4	45.5	38.7	34.4	33.2	26.4	20.3	20.3	19.7
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):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°	185°
0°	2633.9	2633.9	2633.9	2633.9	2633.9	2633.9	2633.9	2633.9	2633.9	2633.9	2633.9
2.5°	2630.2	2630.2	2606.2	2600.7	2598.3	2601.3	2577.4	2573.1	2607.5	2595.8	2569.4
5°	2609.3	2608.1	2574.3	2568.2	2568.2	2564.5	2537.4	2531.3	2565.7	2555.9	2527.0
7.5°	2583.5	2579.8	2539.9	2535.6	2529.4	2527.0	2496.9	2492.6	2522.1	2515.9	2488.9
10°	2552.2	2548.5	2501.2	2498.1	2491.4	2486.4	2458.2	2455.1	2485.2	2475.4	2453.9
12.5°	2511.0	2504.3	2455.7	2452.6	2447.1	2445.3	2417.6	2416.4	2449.6	2439.7	2417.0
15°	2456.9	2451.4	2397.4	2398.6	2399.2	2399.2	2377.1	2375.8	2408.4	2404.1	2379.5
17.5°	2397.4	2390.0	2338.4	2342.1	2346.4	2351.3	2334.1	2337.1	2371.5	2366.0	2343.9
20°	2329.8	2322.4	2272.0	2282.5	2291.7	2301.5	2290.4	2299.0	2331.0	2328.5	2312.0
22.5°	2254.2	2246.8	2200.1	2216.1	2231.5	2249.9	2245.0	2254.8	2288.6	2288.0	2273.2
25°	2162.0	2163.9	2122.7	2142.4	2168.2	2194.0	2195.8	2211.8	2249.3	2245.6	2232.1
27.5°	2076.0	2078.5	2034.9	2068.0	2102.4	2135.6	2143.6	2165.7	2203.8	2200.7	2189.1
30°	1985.7	1988.8	1946.4	1991.9	2033.6	2074.2	2091.4	2121.5	2160.2	2160.2	2147.9
32.5°	1891.7	1897.2	1853.0	1913.8	1962.4	2009.7	2039.8	2071.1	2115.3	2114.1	2103.7
35°	1795.2	1801.4	1760.8	1838.3	1886.8	1944.5	1982.0	2023.8	2063.1	2063.7	2055.8
37.5°	1696.9	1704.3	1667.5	1752.2	1807.5	1875.7	1923.7	1965.4	2009.1	2011.5	2004.1
40°	1599.3	1607.2	1575.3	1657.0	1727.1	1803.2	1858.5	1907.7	1955.6	1956.8	1951.9
42.5°	1501.6	1510.2	1486.2	1566.1	1645.3	1727.1	1792.2	1848.1	1897.2	1900.3	1894.8
45°	1406.3	1413.7	1396.5	1483.8	1559.9	1649.0	1724.0	1787.3	1837.0	1841.3	1839.5
47.5°	1311.7	1318.5	1303.1	1383.0	1470.9	1565.5	1652.1	1722.1	1775.0	1779.9	1778.7
50°	1219.0	1224.5	1207.9	1291.4	1378.7	1479.5	1569.8	1650.9	1709.8	1714.8	1714.1
52.5°	1126.8	1132.3	1118.2	1206.0	1285.3	1391.6	1489.9	1577.8	1636.1	1643.5	1644.7
55°	1037.7	1040.2	1029.1	1113.3	1190.1	1301.3	1414.3	1499.7	1558.1	1564.2	1567.9
57.5°	948.6	949.2	940.0	1020.5	1094.2	1207.9	1326.5	1416.2	1471.5	1477.6	1483.1
60°	860.1	859.5	849.1	927.1	997.8	1110.2	1233.7	1322.8	1376.2	1381.8	1389.1
62.5°	772.3	770.4	761.2	833.1	899.5	1010.7	1134.8	1220.8	1271.8	1275.5	1285.3
65°	685.0	683.2	674.6	741.0	801.2	907.5	1029.1	1110.8	1156.9	1161.8	1160.0
67.5°	599.0	595.3	588.6	648.2	702.9	801.2	917.9	995.9	1034.0	1038.3	1050.0
70°	513.0	508.7	493.4	556.6	604.6	692.4	801.2	870.6	902.5	906.8	905.0
72.5°	428.2	423.9	407.3	465.7	506.3	583.1	680.1	737.9	765.5	769.2	769.2
75°	345.9	343.4	333.0	377.2	411.0	473.7	556.0	603.9	625.4	629.8	628.5
77.5°	266.6	264.8	254.4	292.4	318.9	365.6	431.9	469.4	485.4	490.3	500.7
80°	191.1	190.5	173.9	211.4	223.0	262.3	310.9	339.8	348.4	355.1	362.5
82.5°	122.3	122.9	106.3	138.2	143.2	168.3	198.4	216.3	222.4	227.9	233.5
85°	59.6	62.1	52.8	73.1	73.7	86.6	99.5	106.3	108.7	113.0	118.0
87.5°	15.4	17.8	9.8	20.9	18.4	24.0	27.6	29.5	28.9	31.9	33.8
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):

	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°	285°
0°	2633.9	2633.9	2633.9	2633.9	2633.9	2633.9	2633.9	2633.9	2633.9	2633.9	2633.9
2.5°	2578.0	2597.6	2587.8	2619.8	2632.0	2612.4	2646.8	2647.4	2622.8	2651.7	2667.7
5°	2538.0	2558.3	2552.2	2585.4	2600.7	2583.5	2625.3	2633.3	2609.3	2641.9	2667.7
7.5°	2497.5	2521.5	2513.5	2547.3	2565.7	2552.2	2597.0	2609.9	2591.5	2627.1	2661.5
10°	2462.5	2482.8	2474.2	2509.8	2525.8	2514.7	2558.9	2582.9	2565.7	2609.3	2650.5
12.5°	2428.1	2444.7	2434.8	2464.3	2479.7	2465.5	2519.6	2541.7	2529.4	2574.9	2627.7
15°	2383.8	2402.3	2388.8	2415.2	2426.8	2414.6	2458.8	2496.9	2481.5	2531.3	2589.7
17.5°	2350.0	2360.5	2342.1	2362.9	2369.7	2353.1	2398.0	2435.4	2424.4	2478.5	2546.0
20°	2312.6	2321.2	2295.4	2307.0	2306.4	2285.5	2326.7	2363.6	2356.2	2415.8	2492.6
22.5°	2270.8	2275.1	2245.0	2247.4	2246.2	2211.8	2248.7	2286.1	2283.1	2343.3	2429.3
25°	2226.6	2227.2	2188.5	2187.2	2173.7	2133.2	2165.7	2208.1	2198.9	2264.0	2354.3
27.5°	2182.9	2176.8	2130.1	2119.0	2097.5	2049.0	2077.9	2116.0	2110.4	2174.3	2274.5
30°	2136.2	2128.2	2071.1	2050.8	2019.5	1963.6	1987.6	2023.2	2026.3	2082.2	2187.2
32.5°	2092.0	2071.7	2008.4	1979.0	1939.6	1874.5	1887.4	1923.7	1928.6	1985.1	2093.2
35°	2034.9	2021.3	1943.3	1892.9	1854.2	1783.0	1796.5	1821.7	1829.0	1884.3	1994.3
37.5°	1980.8	1959.3	1876.3	1814.9	1765.1	1690.2	1693.9	1719.7	1727.1	1783.0	1891.7
40°	1924.9	1894.2	1805.1	1733.2	1676.1	1597.4	1593.1	1620.1	1625.7	1680.4	1778.7
42.5°	1865.3	1828.4	1728.3	1649.6	1583.9	1504.0	1495.4	1518.8	1524.9	1578.4	1674.8
45°	1805.1	1760.8	1649.6	1563.6	1491.7	1410.0	1401.4	1419.2	1428.5	1478.8	1571.6
47.5°	1741.2	1689.6	1568.5	1472.7	1398.4	1316.6	1306.2	1324.0	1331.4	1381.1	1469.0
50°	1674.2	1611.5	1485.0	1379.3	1305.6	1225.1	1209.7	1230.6	1237.4	1284.1	1370.1
52.5°	1600.5	1531.1	1395.9	1285.3	1211.6	1134.8	1116.3	1136.6	1144.6	1190.1	1269.3
55°	1522.5	1447.5	1306.2	1198.7	1118.8	1043.8	1028.5	1036.5	1053.7	1096.7	1170.4
57.5°	1434.6	1360.3	1211.6	1102.2	1025.4	953.5	940.6	948.0	964.0	1005.8	1072.1
60°	1341.2	1262.6	1115.1	1005.8	931.4	863.2	851.5	858.3	875.5	913.6	975.0
62.5°	1249.1	1160.6	1015.6	906.8	839.3	776.0	772.9	770.4	786.4	823.3	877.3
65°	1137.2	1052.5	911.8	808.5	747.1	690.0	677.7	683.2	698.6	732.4	788.9
67.5°	1017.4	940.6	805.5	710.2	655.6	604.6	594.1	596.6	612.5	642.0	691.2
70°	890.3	822.7	696.7	611.3	565.2	517.3	510.6	511.2	526.5	552.3	595.3
72.5°	756.9	696.1	586.7	513.6	475.5	441.1	435.0	427.6	441.7	463.9	500.7
75°	621.1	567.7	477.4	417.8	387.7	358.8	353.3	345.9	360.0	379.1	408.0
77.5°	484.1	441.1	371.1	325.0	301.7	280.2	275.2	267.3	281.4	295.5	318.3
80°	350.2	318.9	277.1	228.6	220.6	206.4	201.5	192.9	206.4	215.7	232.9
82.5°	226.1	205.2	181.2	147.5	146.2	135.8	133.3	123.5	135.8	141.3	154.2
85°	114.3	104.4	98.3	75.0	77.4	70.7	70.0	59.6	69.4	71.9	79.3
87.5°	32.6	34.4	30.7	18.4	23.3	22.1	22.1	16.0	22.1	22.1	25.2
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

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P838113

CATALOG NUMBER: ORLG-24-4-INS-ASY2R-LD4-2STD-40-120-EDD

CANDELA DISTRIBUTION (continued):

	295°	305°	315°	325°	335°	345°	355°	360°
0°	2633.9	2633.9	2633.9	2633.9	2633.9	2633.9	2633.9	2633.9
2.5°	2636.3	2646.8	2649.3	2648.6	2655.4	2692.3	2680.0	2692.3
5°	2642.5	2665.8	2672.0	2680.6	2691.6	2733.4	2719.9	2734.7
7.5°	2646.2	2681.2	2694.7	2711.3	2729.1	2775.8	2764.8	2779.5
10°	2646.2	2691.6	2711.3	2739.0	2762.9	2817.0	2806.5	2823.7
12.5°	2635.1	2693.5	2721.1	2759.8	2790.6	2848.9	2844.6	2856.9
15°	2612.4	2684.3	2722.4	2772.1	2810.2	2875.3	2873.5	2888.2
17.5°	2581.7	2668.3	2714.4	2777.0	2825.0	2898.1	2902.4	2910.4
20°	2543.0	2638.2	2698.4	2775.2	2835.4	2915.9	2921.4	2932.5
22.5°	2492.0	2601.9	2674.4	2767.2	2836.6	2923.3	2933.1	2943.5
25°	2431.8	2558.3	2643.1	2751.9	2830.5	2922.7	2936.2	2945.4
27.5°	2362.9	2501.8	2603.2	2727.3	2813.3	2912.8	2929.4	2940.5
30°	2283.1	2441.6	2557.7	2695.3	2789.9	2894.4	2912.2	2923.3
32.5°	2200.7	2375.2	2503.6	2654.2	2756.2	2864.9	2880.3	2888.9
35°	2111.0	2294.7	2438.5	2601.3	2712.5	2817.6	2829.3	2838.5
37.5°	2013.4	2207.5	2364.2	2541.7	2651.1	2751.9	2762.3	2772.7
40°	1912.6	2116.0	2280.6	2468.6	2578.0	2671.4	2682.4	2689.8
42.5°	1811.2	2014.6	2191.5	2382.6	2491.4	2581.1	2587.8	2595.2
45°	1708.6	1909.5	2091.4	2287.4	2394.9	2479.1	2481.5	2487.7
47.5°	1604.2	1800.8	1981.4	2178.6	2284.9	2361.7	2364.2	2369.1
50°	1499.1	1692.0	1864.1	2061.3	2165.1	2246.2	2235.2	2240.1
52.5°	1395.9	1577.8	1753.5	1934.7	2037.3	2109.2	2112.3	2102.4
55°	1294.5	1465.9	1627.5	1802.0	1899.7	1955.6	1953.8	1957.4
57.5°	1191.9	1352.9	1501.0	1660.7	1755.9	1808.8	1819.8	1806.9
60°	1087.5	1238.6	1371.3	1515.7	1607.9	1652.1	1665.0	1652.7
62.5°	983.6	1122.5	1242.9	1368.9	1454.3	1508.9	1507.7	1494.2
65°	879.8	1005.8	1113.3	1220.2	1294.5	1349.2	1346.7	1334.5
67.5°	784.0	887.8	984.3	1070.9	1135.4	1172.9	1185.8	1171.0
70°	678.3	768.0	852.8	922.2	975.7	1009.4	1021.7	1008.8
72.5°	572.6	648.8	708.4	775.4	816.5	844.8	857.7	845.4
75°	468.2	530.8	579.4	631.6	660.5	684.4	699.2	686.9
77.5°	366.8	415.3	454.0	492.1	525.3	530.8	543.7	535.7
80°	270.3	305.4	333.6	358.8	382.8	385.2	395.7	390.8
82.5°	180.0	203.4	210.7	237.2	252.5	250.1	260.5	256.8
85°	95.2	109.4	122.3	130.3	138.9	130.9	140.1	136.4
87.5°	31.9	33.8	29.5	41.8	46.1	39.3	44.9	43.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)