

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: P837868

Luminaire Tested: **ORLG-24-2-INS-ASY2R-LD4-4HI-30-120-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: P837868
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-LD4-4HI-30-120-EDD
Description: 2FT x 2FT ORL LED LUMINAIRE WITH asymmetric/symmetric lens v2 and
RFI grid
Light Source: 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

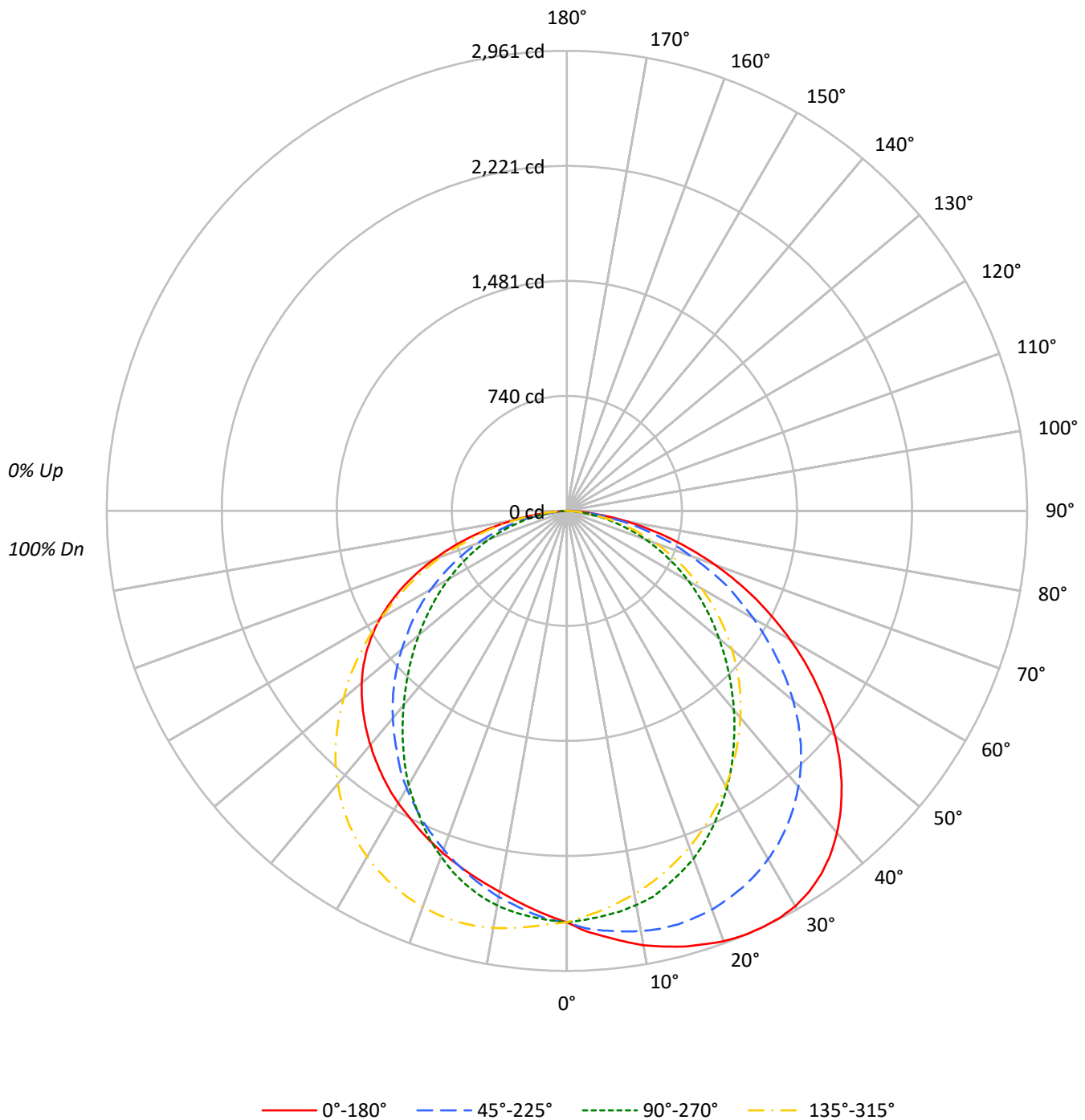
Lumens per Lamp: N/A
Luminaire Lumens: 7768.3 lumens
Efficiency: N/A
Efficacy: 88.3 lumens/watt
Spacing Criteria (0/90/45): 1.43 / 1.16 / 1.4
Luminous Opening: Rectangular (W 2' x L: 2' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	7125	7125	7125	7125
5°	7426	7074	6941	7086
10°	7757	7038	6800	7048
15°	8089	6948	6733	6950
20°	8442	6822	6703	6783
25°	8792	6631	6703	6563
30°	9131	6400	6748	6330
35°	9374	6138	6815	6040
40°	9499	5873	6910	5741
45°	9517	5606	7045	5465
50°	9427	5350	7217	5207
55°	9232	5111	7378	4969
60°	8942	4863	7476	4737
65°	8542	4578	7437	4472
70°	7980	4242	7172	4164
75°	7179	3782	6582	3763
80°	6087	3168	5532	3216
85°	4233	2096	3507	2155

Classified

Scaled Data Report

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	251.4	3.2
10°-20°	728.0	9.4
20°-30°	1115.6	14.4
30°-40°	1356.6	17.5
40°-50°	1410.2	18.2
50°-60°	1273.9	16.4
60°-70°	968.5	12.5
70°-80°	539.9	7.0
80°-90°	124.3	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°	2095.0	27.0
0°-40°	3451.6	44.4
0°-60°	6135.6	79.0
0°-90°	7768.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	7768.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2648	2648	2648	2648	2648	
5°	2749	2619	2569	2623	2749	265
15°	2904	2494	2417	2495	2904	823
25°	2961	2233	2258	2210	2961	1368
35°	2854	1868	2075	1839	2854	1782
45°	2501	1473	1851	1436	2501	1925
55°	1968	1090	1572	1059	1968	1757
65°	1342	719	1168	702	1342	1326
75°	690	364	633	362	690	734
85°	137	68	114	70	137	173
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°	2647.8	2647.8	2647.8	2647.8	2647.8	2647.8	2647.8	2647.8	2647.8	2647.8	2647.8
2.5°	2706.5	2667.0	2667.6	2702.2	2675.6	2688.6	2651.5	2665.7	2661.4	2664.5	2634.2
5°	2749.1	2706.5	2705.9	2735.5	2705.9	2711.4	2664.5	2673.8	2660.2	2651.5	2618.8
7.5°	2794.2	2751.6	2747.3	2773.2	2734.3	2730.0	2678.1	2678.1	2653.4	2631.8	2600.9
10°	2838.7	2794.8	2789.3	2809.0	2760.8	2746.6	2683.6	2673.8	2641.0	2608.9	2575.5
12.5°	2872.0	2827.5	2823.2	2835.6	2781.2	2755.3	2683.6	2664.5	2616.3	2571.2	2545.3
15°	2903.5	2857.8	2846.1	2852.2	2789.9	2755.3	2675.0	2645.3	2583.6	2524.3	2494.0
17.5°	2925.7	2881.9	2870.2	2869.5	2794.2	2744.8	2656.5	2615.7	2541.6	2469.9	2439.7
20°	2948.0	2904.1	2889.3	2878.2	2793.0	2730.6	2629.3	2574.3	2487.8	2407.6	2382.2
22.5°	2959.1	2914.0	2898.0	2881.3	2784.9	2704.6	2595.9	2526.1	2427.3	2331.6	2310.6
25°	2961.0	2914.6	2897.3	2873.2	2768.9	2673.8	2552.7	2468.1	2357.5	2251.3	2233.4
27.5°	2956.0	2905.4	2888.1	2859.0	2744.8	2636.1	2501.4	2402.0	2283.4	2166.1	2146.9
30°	2938.7	2887.5	2870.8	2833.1	2710.8	2589.8	2445.2	2328.5	2201.3	2076.5	2059.8
32.5°	2904.1	2854.1	2840.5	2802.8	2673.8	2536.0	2379.8	2249.4	2110.5	1991.3	1966.6
35°	2853.5	2803.5	2794.8	2755.3	2621.9	2471.8	2308.1	2163.0	2014.1	1892.4	1868.4
37.5°	2787.4	2745.4	2732.4	2693.5	2560.7	2398.9	2226.0	2069.1	1915.9	1785.0	1770.1
40°	2704.0	2664.5	2654.6	2620.0	2489.7	2318.0	2137.0	1972.1	1814.6	1692.9	1671.9
42.5°	2608.9	2571.8	2566.3	2530.5	2402.0	2228.4	2040.7	1871.4	1709.0	1591.7	1570.7
45°	2500.8	2465.0	2463.8	2429.8	2306.3	2129.0	1939.4	1769.5	1605.9	1484.2	1473.1
47.5°	2381.6	2349.5	2349.5	2318.0	2199.4	2019.7	1835.0	1663.3	1502.1	1394.6	1374.9
50°	2251.9	2221.6	2212.4	2196.9	2081.4	1900.5	1725.1	1559.5	1399.6	1297.0	1277.9
52.5°	2113.6	2087.6	2093.8	2065.4	1953.6	1776.3	1613.9	1442.8	1296.4	1203.2	1184.0
55°	1967.8	1930.7	1936.3	1925.8	1820.2	1648.5	1489.1	1346.4	1195.1	1107.4	1089.5
57.5°	1816.5	1768.3	1788.1	1781.9	1678.1	1517.5	1374.9	1237.1	1094.5	1013.5	996.2
60°	1661.4	1615.1	1635.5	1629.9	1532.4	1386.6	1256.9	1129.0	994.4	920.9	903.6
62.5°	1502.1	1459.5	1478.0	1473.7	1384.1	1252.6	1139.5	1022.2	893.7	827.6	811.6
65°	1341.5	1300.7	1317.4	1314.3	1231.6	1131.5	1019.1	911.6	792.4	735.0	718.9
67.5°	1177.2	1139.5	1155.0	1155.0	1079.0	983.3	898.0	799.8	693.0	643.6	628.8
70°	1014.2	979.0	992.5	991.3	927.1	849.3	775.8	688.0	592.3	551.6	539.2
72.5°	849.9	819.0	831.3	830.1	776.4	726.3	653.5	577.5	494.1	461.4	450.3
75°	690.5	661.5	673.2	672.0	628.1	581.2	532.4	469.4	397.8	374.9	363.8
77.5°	538.6	508.9	518.8	518.8	486.7	452.7	413.8	365.0	314.4	289.7	281.6
80°	392.8	378.6	373.7	374.3	352.7	330.4	310.7	263.7	226.7	210.0	204.4
82.5°	258.2	246.4	241.5	242.7	230.4	216.8	204.4	171.7	147.0	137.1	134.0
85°	137.1	128.5	124.1	127.2	124.8	117.4	111.2	88.9	73.5	69.8	67.9
87.5°	43.2	37.7	34.6	45.7	38.9	34.6	33.4	26.6	20.4	20.4	19.8
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):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°	185°
0°	2647.8	2647.8	2647.8	2647.8	2647.8	2647.8	2647.8	2647.8	2647.8	2647.8	2647.8
2.5°	2644.1	2644.1	2620.0	2614.5	2612.0	2615.1	2591.0	2586.7	2621.3	2609.5	2583.0
5°	2623.1	2621.9	2587.9	2581.7	2581.7	2578.0	2550.8	2544.7	2579.3	2569.4	2540.3
7.5°	2597.2	2593.5	2553.3	2549.0	2542.8	2540.3	2510.1	2505.8	2535.4	2529.2	2502.0
10°	2565.7	2562.0	2514.4	2511.3	2504.5	2499.6	2471.2	2468.1	2498.3	2488.5	2466.8
12.5°	2524.3	2517.5	2468.7	2465.6	2460.0	2458.2	2430.4	2429.2	2462.5	2452.6	2429.8
15°	2469.9	2464.4	2410.0	2411.3	2411.9	2411.9	2389.6	2388.4	2421.1	2416.8	2392.1
17.5°	2410.0	2402.6	2350.7	2354.4	2358.8	2363.7	2346.4	2349.5	2384.1	2378.5	2356.3
20°	2342.1	2334.7	2284.0	2294.5	2303.8	2313.7	2302.6	2311.2	2343.3	2340.8	2324.2
22.5°	2266.1	2258.7	2211.8	2227.8	2243.3	2261.8	2256.8	2266.7	2300.7	2300.1	2285.3
25°	2173.5	2175.3	2133.9	2153.7	2179.6	2205.6	2207.4	2223.5	2261.2	2257.5	2243.9
27.5°	2087.0	2089.5	2045.6	2079.0	2113.6	2146.9	2154.9	2177.2	2215.5	2212.4	2200.6
30°	1996.2	1999.3	1956.7	2002.4	2044.4	2085.1	2102.4	2132.7	2171.6	2171.6	2159.3
32.5°	1901.7	1907.3	1862.8	1923.9	1972.7	2020.3	2050.6	2082.1	2126.5	2125.3	2114.8
35°	1804.7	1810.9	1770.1	1848.0	1896.8	1954.8	1992.5	2034.5	2074.0	2074.6	2066.6
37.5°	1705.9	1713.3	1676.3	1761.5	1817.1	1885.6	1933.8	1975.8	2019.7	2022.1	2014.7
40°	1607.7	1615.7	1583.6	1665.8	1736.2	1812.8	1868.4	1917.8	1965.9	1967.2	1962.2
42.5°	1509.5	1518.2	1494.1	1574.4	1654.0	1736.2	1801.6	1857.9	1907.3	1910.4	1904.8
45°	1413.8	1421.2	1403.9	1491.6	1568.2	1657.7	1733.1	1796.7	1846.7	1851.1	1849.2
47.5°	1318.7	1325.4	1310.0	1390.3	1478.6	1573.7	1660.8	1731.2	1784.4	1789.3	1788.1
50°	1225.4	1231.0	1214.3	1298.3	1386.0	1487.3	1578.1	1659.6	1718.9	1723.8	1723.2
52.5°	1132.7	1138.3	1124.1	1212.4	1292.1	1398.9	1497.8	1586.1	1644.8	1652.2	1653.4
55°	1043.2	1045.7	1034.5	1119.2	1196.4	1308.2	1421.8	1507.7	1566.3	1572.5	1576.2
57.5°	953.6	954.2	945.0	1025.9	1100.0	1214.3	1333.5	1423.7	1479.2	1485.4	1491.0
60°	864.7	864.1	853.6	932.0	1003.0	1116.1	1240.2	1329.8	1383.5	1389.1	1396.5
62.5°	776.4	774.5	765.3	837.5	904.2	1016.0	1140.8	1227.2	1278.5	1282.2	1292.1
65°	688.7	686.8	678.2	744.9	805.4	912.3	1034.5	1116.7	1163.0	1168.0	1166.1
67.5°	602.2	598.5	591.7	651.6	706.6	805.4	922.8	1001.2	1039.5	1043.8	1055.5
70°	515.7	511.4	496.0	559.6	607.8	696.1	805.4	875.2	907.3	911.6	909.8
72.5°	430.5	426.2	409.5	468.2	508.9	586.1	683.7	741.8	769.6	773.3	773.3
75°	347.7	345.3	334.8	379.2	413.2	476.2	559.0	607.1	628.8	633.1	631.8
77.5°	268.1	266.2	255.7	294.0	320.6	367.5	434.2	471.9	487.9	492.9	503.4
80°	192.1	191.5	174.8	212.5	224.2	263.7	312.5	341.6	350.2	357.0	364.4
82.5°	122.9	123.5	106.9	139.0	143.9	169.2	199.5	217.4	223.6	229.1	234.7
85°	59.9	62.4	53.1	73.5	74.1	87.1	100.1	106.9	109.3	113.6	118.6
87.5°	15.4	17.9	9.9	21.0	18.5	24.1	27.8	29.6	29.0	32.1	34.0
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°	2647.8	2647.8	2647.8	2647.8	2647.8	2647.8	2647.8	2647.8	2647.8	2647.8	2647.8
2.5°	2591.6	2611.4	2601.5	2633.6	2646.0	2626.2	2660.8	2661.4	2636.7	2665.7	2681.8
5°	2551.5	2571.8	2565.7	2599.0	2614.5	2597.2	2639.2	2647.2	2623.1	2655.8	2681.8
7.5°	2510.7	2534.8	2526.8	2560.7	2579.3	2565.7	2610.8	2623.7	2605.2	2641.0	2675.6
10°	2475.5	2495.9	2487.2	2523.0	2539.1	2528.0	2572.5	2596.5	2579.3	2623.1	2664.5
12.5°	2440.9	2457.6	2447.7	2477.3	2492.8	2478.6	2532.9	2555.2	2542.8	2588.5	2641.6
15°	2396.4	2415.0	2401.4	2427.9	2439.7	2427.3	2471.8	2510.1	2494.6	2544.7	2603.3
17.5°	2362.5	2373.0	2354.4	2375.4	2382.2	2365.6	2410.6	2448.3	2437.2	2491.5	2559.5
20°	2324.8	2333.4	2307.5	2319.2	2318.6	2297.6	2339.0	2376.1	2368.6	2428.6	2505.8
22.5°	2282.8	2287.1	2256.8	2259.3	2258.1	2223.5	2260.6	2298.2	2295.1	2355.7	2442.1
25°	2238.3	2238.9	2200.0	2198.8	2185.2	2144.4	2177.2	2219.8	2210.5	2276.0	2366.8
27.5°	2194.5	2188.3	2141.3	2130.2	2108.6	2059.8	2088.8	2127.1	2121.6	2185.8	2286.5
30°	2147.5	2139.5	2082.1	2061.7	2030.2	1974.0	1998.1	2033.9	2037.0	2093.2	2198.8
32.5°	2103.1	2082.7	2019.1	1989.4	1949.9	1884.4	1897.4	1933.8	1938.8	1995.6	2104.3
35°	2045.6	2032.0	1953.6	1902.9	1864.0	1792.4	1806.0	1831.3	1838.7	1894.3	2004.9
37.5°	1991.3	1969.6	1886.3	1824.5	1774.5	1699.1	1702.8	1728.8	1736.2	1792.4	1901.7
40°	1935.1	1904.2	1814.6	1742.4	1684.9	1605.9	1601.5	1628.7	1634.3	1689.2	1788.1
42.5°	1875.1	1838.1	1737.4	1658.4	1592.3	1512.0	1503.3	1526.8	1533.0	1586.7	1683.7
45°	1814.6	1770.1	1658.4	1571.9	1499.6	1417.5	1408.8	1426.7	1436.0	1486.7	1579.9
47.5°	1750.4	1698.5	1576.8	1480.5	1405.7	1323.6	1313.1	1331.0	1338.4	1388.4	1476.8
50°	1683.1	1620.1	1492.8	1386.6	1312.5	1231.6	1216.1	1237.1	1243.9	1290.9	1377.3
52.5°	1608.9	1539.2	1403.3	1292.1	1218.0	1140.8	1122.2	1142.6	1150.7	1196.4	1276.0
55°	1530.5	1455.2	1313.1	1205.0	1124.7	1049.4	1033.9	1042.0	1059.2	1102.5	1176.6
57.5°	1442.2	1367.4	1218.0	1108.0	1030.8	958.6	945.6	953.0	969.1	1011.1	1077.8
60°	1348.3	1269.2	1121.0	1011.1	936.3	867.8	856.0	862.8	880.1	918.4	980.2
62.5°	1255.7	1166.7	1021.0	911.6	843.7	780.1	777.0	774.5	790.6	827.6	882.0
65°	1143.2	1058.0	916.6	812.8	751.0	693.6	681.3	686.8	702.3	736.2	793.0
67.5°	1022.8	945.6	809.7	714.0	659.0	607.8	597.3	599.7	615.8	645.4	694.8
70°	895.0	827.0	700.4	614.5	568.2	520.1	513.3	513.9	529.3	555.3	598.5
72.5°	760.9	699.8	589.8	516.3	478.1	443.5	437.3	429.9	444.1	466.3	503.4
75°	624.4	570.7	479.9	420.0	389.7	360.7	355.1	347.7	361.9	381.1	410.1
77.5°	486.7	443.5	373.1	326.7	303.3	281.6	276.7	268.7	282.9	297.1	319.9
80°	352.1	320.6	278.6	229.8	221.7	207.5	202.6	193.9	207.5	216.8	234.1
82.5°	227.3	206.3	182.2	148.2	147.0	136.5	134.0	124.1	136.5	142.1	155.0
85°	114.9	105.0	98.8	75.4	77.8	71.0	70.4	59.9	69.8	72.3	79.7
87.5°	32.7	34.6	30.9	18.5	23.5	22.2	22.2	16.1	22.2	22.2	25.3
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: P837868

CATALOG NUMBER: ORLG-24-2-INS-ASY2R-LD4-4HI-30-120-EDD

CANDELA DISTRIBUTION (continued):

	295°	305°	315°	325°	335°	345°	355°	360°
0°	2647.8	2647.8	2647.8	2647.8	2647.8	2647.8	2647.8	2647.8
2.5°	2650.3	2660.8	2663.3	2662.6	2669.4	2706.5	2694.1	2706.5
5°	2656.5	2679.9	2686.1	2694.8	2705.9	2747.9	2734.3	2749.1
7.5°	2660.2	2695.4	2709.0	2725.6	2743.5	2790.5	2779.4	2794.2
10°	2660.2	2705.9	2725.6	2753.4	2777.5	2831.9	2821.4	2838.7
12.5°	2649.0	2707.7	2735.5	2774.4	2805.3	2864.0	2859.7	2872.0
15°	2626.2	2698.5	2736.8	2786.8	2825.1	2890.5	2888.7	2903.5
17.5°	2595.3	2682.4	2728.7	2791.7	2839.9	2913.4	2917.7	2925.7
20°	2556.4	2652.1	2712.7	2789.9	2850.4	2931.3	2936.9	2948.0
22.5°	2505.1	2615.7	2688.6	2781.8	2851.6	2938.7	2948.6	2959.1
25°	2444.6	2571.8	2657.1	2766.4	2845.5	2938.1	2951.7	2961.0
27.5°	2375.4	2515.0	2616.9	2741.7	2828.2	2928.2	2944.9	2956.0
30°	2295.1	2454.5	2571.2	2709.6	2804.7	2909.7	2927.6	2938.7
32.5°	2212.4	2387.8	2516.9	2668.2	2770.7	2880.0	2895.5	2904.1
35°	2122.2	2306.9	2451.4	2615.1	2726.9	2832.5	2844.2	2853.5
37.5°	2024.0	2219.2	2376.7	2555.2	2665.1	2766.4	2776.9	2787.4
40°	1922.7	2127.1	2292.7	2481.7	2591.6	2685.5	2696.6	2704.0
42.5°	1820.8	2025.2	2203.1	2395.2	2504.5	2594.7	2601.5	2608.9
45°	1717.6	1919.6	2102.4	2299.5	2407.6	2492.2	2494.6	2500.8
47.5°	1612.7	1810.3	1991.9	2190.1	2297.0	2374.2	2376.7	2381.6
50°	1507.0	1701.0	1873.9	2072.2	2176.6	2258.1	2247.0	2251.9
52.5°	1403.3	1586.1	1762.7	1944.9	2048.1	2120.3	2123.4	2113.6
55°	1301.4	1473.7	1636.1	1811.5	1909.7	1965.9	1964.1	1967.8
57.5°	1198.2	1360.0	1508.9	1669.5	1765.2	1818.3	1829.4	1816.5
60°	1093.2	1245.2	1378.6	1523.7	1616.4	1660.8	1673.8	1661.4
62.5°	988.8	1128.4	1249.5	1376.1	1461.9	1516.9	1515.7	1502.1
65°	884.5	1011.1	1119.2	1226.6	1301.4	1356.3	1353.9	1341.5
67.5°	788.1	892.5	989.5	1076.5	1141.4	1179.1	1192.0	1177.2
70°	681.9	772.0	857.3	927.1	980.8	1014.8	1027.1	1014.2
72.5°	575.6	652.2	712.1	779.5	820.8	849.3	862.2	849.9
75°	470.6	533.6	582.4	634.9	664.0	688.0	702.9	690.5
77.5°	368.7	417.5	456.4	494.7	528.1	533.6	546.6	538.6
80°	271.8	307.0	335.4	360.7	384.8	387.3	397.8	392.8
82.5°	181.0	204.4	211.8	238.4	253.8	251.4	261.9	258.2
85°	95.7	109.9	122.9	130.9	139.6	131.6	140.8	137.1
87.5°	32.1	34.0	29.6	42.0	46.3	39.5	45.1	43.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)