

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: P838044

Luminaire Tested: **ORLG-24-4-INS-ASY2R-LD4-3STD-20-120-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: P838044
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-LD4-3STD-20-120-EDD
Description: 2FT x 4FT ORL LED LUMINAIRE WITH asymmetric/symmetric lens v2 and
RFI grid
Light Source: 2000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

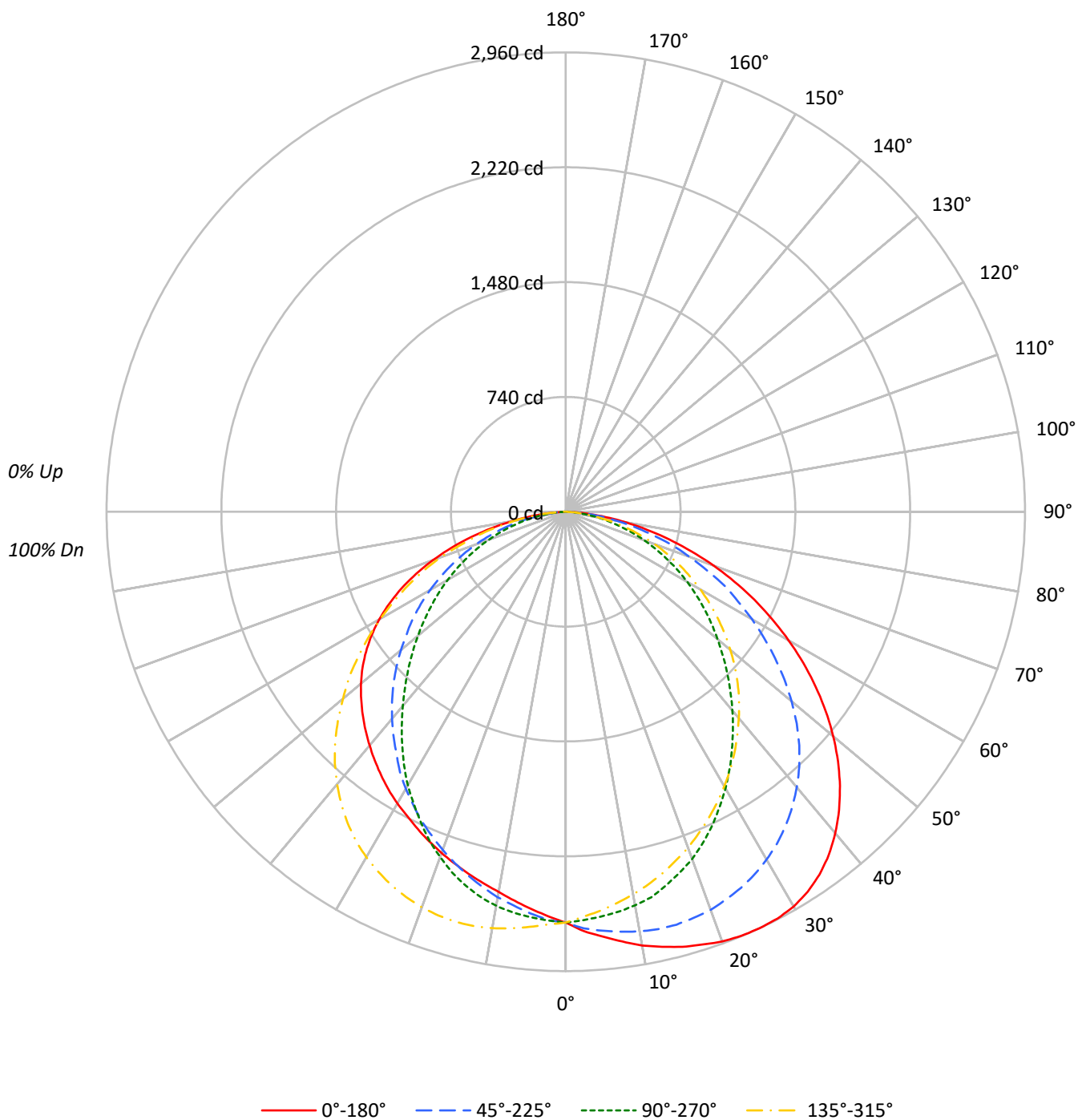
Lumens per Lamp: N/A
Luminaire Lumens: 7765.5 lumens
Efficiency: N/A
Efficacy: 77.7 lumens/watt
Spacing Criteria (0/90/45): 1.43 / 1.16 / 1.4
Luminous Opening: Rectangular (W 2' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	3561	3561	3561	3561
5°	3712	3536	3469	3542
10°	3877	3518	3399	3523
15°	4043	3473	3365	3474
20°	4219	3410	3351	3390
25°	4394	3314	3350	3280
30°	4564	3199	3373	3164
35°	4685	3068	3406	3019
40°	4748	2935	3454	2869
45°	4757	2802	3521	2731
50°	4712	2674	3607	2603
55°	4614	2555	3687	2484
60°	4469	2431	3737	2368
65°	4269	2288	3717	2235
70°	3988	2120	3585	2081
75°	3589	1891	3290	1881
80°	3043	1584	2765	1608
85°	2117	1048	1754	1078

Classified

Scaled Data Report

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	251.3	3.2
10°-20°	727.7	9.4
20°-30°	1115.2	14.4
30°-40°	1356.1	17.5
40°-50°	1409.7	18.2
50°-60°	1273.4	16.4
60°-70°	968.1	12.5
70°-80°	539.7	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°	2094.3	27.0
0°-40°	3450.3	44.4
0°-60°	6133.4	79.0
0°-90°	7765.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	7765.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2647	2647	2647	2647	2647	
5°	2748	2618	2568	2622	2748	265
15°	2902	2493	2416	2494	2902	823
25°	2960	2233	2257	2210	2960	1367
35°	2852	1868	2074	1838	2852	1782
45°	2500	1472	1850	1436	2500	1925
55°	1967	1089	1572	1059	1967	1756
65°	1341	719	1168	702	1341	1325
75°	690	364	633	362	690	733
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°	2646.9	2646.9	2646.9	2646.9	2646.9	2646.9	2646.9	2646.9	2646.9	2646.9	2646.9
2.5°	2705.5	2666.0	2666.6	2701.2	2674.6	2687.6	2650.6	2664.8	2660.4	2663.5	2633.3
5°	2748.1	2705.5	2704.9	2734.5	2704.9	2710.4	2663.5	2672.8	2659.2	2650.6	2617.8
7.5°	2793.2	2750.6	2746.3	2772.2	2733.3	2729.0	2677.1	2677.1	2652.4	2630.8	2599.9
10°	2837.6	2793.8	2788.2	2808.0	2759.8	2745.6	2682.7	2672.8	2640.1	2608.0	2574.6
12.5°	2871.0	2826.5	2822.2	2834.5	2780.2	2754.3	2682.7	2663.5	2615.4	2570.3	2544.4
15°	2902.5	2856.8	2845.0	2851.2	2788.9	2754.3	2674.0	2644.4	2582.6	2523.4	2493.1
17.5°	2924.7	2880.9	2869.1	2868.5	2793.2	2743.8	2655.5	2614.7	2540.7	2469.0	2438.8
20°	2946.9	2903.1	2888.3	2877.1	2791.9	2729.6	2628.3	2573.4	2486.9	2406.7	2381.4
22.5°	2958.0	2913.0	2896.9	2880.2	2783.9	2703.7	2595.0	2525.2	2426.4	2330.7	2309.7
25°	2959.9	2913.6	2896.3	2872.2	2767.9	2672.8	2551.8	2467.2	2356.7	2250.5	2232.6
27.5°	2954.9	2904.3	2887.0	2858.0	2743.8	2635.1	2500.5	2401.1	2282.6	2165.3	2146.1
30°	2937.7	2886.4	2869.7	2832.1	2709.8	2588.8	2444.3	2327.6	2200.5	2075.7	2059.1
32.5°	2903.1	2853.1	2839.5	2801.8	2672.8	2535.1	2378.9	2248.6	2109.7	1990.5	1965.8
35°	2852.5	2802.4	2793.8	2754.3	2620.9	2470.9	2307.3	2162.2	2013.4	1891.8	1867.7
37.5°	2786.4	2744.4	2731.4	2692.5	2559.8	2398.0	2225.2	2068.3	1915.2	1784.3	1769.5
40°	2703.0	2663.5	2653.6	2619.1	2488.8	2317.2	2136.3	1971.4	1814.0	1692.3	1671.3
42.5°	2608.0	2570.9	2565.4	2529.5	2401.1	2227.6	2039.9	1870.8	1708.4	1591.1	1570.1
45°	2499.9	2464.1	2462.9	2428.9	2305.4	2128.2	1938.7	1768.9	1605.3	1483.6	1472.5
47.5°	2380.7	2348.6	2348.6	2317.2	2198.6	2018.9	1834.3	1662.7	1501.5	1394.1	1374.4
50°	2251.1	2220.8	2211.6	2196.1	2080.7	1899.8	1724.4	1559.0	1399.1	1296.6	1277.4
52.5°	2112.8	2086.9	2093.0	2064.6	1952.9	1775.7	1613.3	1442.3	1296.0	1202.7	1183.6
55°	1967.1	1930.0	1935.6	1925.1	1819.5	1647.9	1488.6	1346.0	1194.7	1107.0	1089.1
57.5°	1815.8	1767.7	1787.4	1781.2	1677.5	1517.0	1374.4	1236.7	1094.1	1013.2	995.9
60°	1660.8	1614.5	1634.9	1629.4	1531.8	1386.1	1256.4	1128.6	994.0	920.6	903.3
62.5°	1501.5	1458.9	1477.5	1473.1	1383.6	1252.1	1139.1	1021.8	893.4	827.3	811.3
65°	1341.0	1300.3	1316.9	1313.9	1231.1	1131.1	1018.7	911.3	792.1	734.7	718.7
67.5°	1176.8	1139.1	1154.6	1154.6	1078.6	982.9	897.7	799.6	692.7	643.3	628.5
70°	1013.8	978.6	992.2	990.9	926.7	848.9	775.5	687.8	592.1	551.4	539.0
72.5°	849.6	818.7	831.0	829.8	776.1	726.1	653.2	577.3	493.9	461.2	450.1
75°	690.3	661.2	673.0	671.7	627.9	581.0	532.2	469.2	397.6	374.8	363.7
77.5°	538.4	508.7	518.6	518.6	486.5	452.6	413.7	364.9	314.3	289.6	281.5
80°	392.7	378.5	373.5	374.2	352.5	330.3	310.6	263.6	226.6	209.9	204.4
82.5°	258.1	246.3	241.4	242.6	230.3	216.7	204.4	171.6	146.9	137.1	134.0
85°	137.1	128.4	124.1	127.2	124.7	117.3	111.1	88.9	73.5	69.8	67.9
87.5°	43.2	37.7	34.6	45.7	38.9	34.6	33.3	26.5	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°	2646.9	2646.9	2646.9	2646.9	2646.9	2646.9	2646.9	2646.9	2646.9	2646.9	2646.9
2.5°	2643.1	2643.1	2619.1	2613.5	2611.0	2614.1	2590.0	2585.7	2620.3	2608.6	2582.0
5°	2622.2	2620.9	2587.0	2580.8	2580.8	2577.1	2549.9	2543.7	2578.3	2568.4	2539.4
7.5°	2596.2	2592.5	2552.4	2548.1	2541.9	2539.4	2509.2	2504.8	2534.5	2528.3	2501.1
10°	2564.7	2561.0	2513.5	2510.4	2503.6	2498.7	2470.3	2467.2	2497.4	2487.6	2465.9
12.5°	2523.4	2516.6	2467.8	2464.7	2459.2	2457.3	2429.5	2428.3	2461.6	2451.7	2428.9
15°	2469.0	2463.5	2409.1	2410.4	2411.0	2411.0	2388.8	2387.5	2420.3	2415.9	2391.2
17.5°	2409.1	2401.7	2349.9	2353.6	2357.9	2362.8	2345.6	2348.6	2383.2	2377.7	2355.4
20°	2341.2	2333.8	2283.2	2293.7	2303.0	2312.8	2301.7	2310.4	2342.5	2340.0	2323.3
22.5°	2265.3	2257.9	2211.0	2227.0	2242.4	2261.0	2256.0	2265.9	2299.9	2299.2	2284.4
25°	2172.7	2174.5	2133.2	2152.9	2178.9	2204.8	2206.6	2222.7	2260.4	2256.6	2243.1
27.5°	2086.2	2088.7	2044.9	2078.2	2112.8	2146.1	2154.2	2176.4	2214.7	2211.6	2199.8
30°	1995.5	1998.6	1956.0	2001.7	2043.6	2084.4	2101.7	2131.9	2170.8	2170.8	2158.5
32.5°	1901.0	1906.6	1862.1	1923.2	1972.0	2019.6	2049.8	2081.3	2125.8	2124.5	2114.0
35°	1804.1	1810.3	1769.5	1847.3	1896.1	1954.1	1991.8	2033.8	2073.3	2073.9	2065.9
37.5°	1705.3	1712.7	1675.7	1760.9	1816.4	1885.0	1933.1	1975.1	2018.9	2021.4	2014.0
40°	1607.1	1615.2	1583.0	1665.2	1735.5	1812.1	1867.7	1917.1	1965.2	1966.5	1961.5
42.5°	1509.0	1517.6	1493.5	1573.8	1653.4	1735.5	1801.0	1857.2	1906.6	1909.7	1904.1
45°	1413.3	1420.7	1403.4	1491.1	1567.6	1657.1	1732.5	1796.1	1846.1	1850.4	1848.5
47.5°	1318.2	1325.0	1309.5	1389.8	1478.1	1573.2	1660.2	1730.6	1783.7	1788.6	1787.4
50°	1224.9	1230.5	1213.8	1297.8	1385.5	1486.7	1577.5	1659.0	1718.3	1723.2	1722.6
52.5°	1132.3	1137.9	1123.7	1212.0	1291.6	1398.4	1497.2	1585.5	1644.2	1651.6	1652.8
55°	1042.8	1045.3	1034.2	1118.8	1195.9	1307.7	1421.3	1507.1	1565.8	1571.9	1575.6
57.5°	953.3	953.9	944.6	1025.5	1099.6	1213.8	1333.0	1423.1	1478.7	1484.9	1490.4
60°	864.4	863.8	853.3	931.7	1002.7	1115.7	1239.8	1329.3	1383.0	1388.6	1396.0
62.5°	776.1	774.2	765.0	837.2	903.9	1015.6	1140.4	1226.8	1278.0	1281.8	1291.6
65°	688.4	686.6	677.9	744.6	805.1	911.9	1034.2	1116.3	1162.6	1167.5	1165.7
67.5°	602.0	598.3	591.5	651.4	706.3	805.1	922.4	1000.8	1039.1	1043.4	1055.2
70°	515.5	511.2	495.8	559.4	607.5	695.8	805.1	874.9	907.0	911.3	909.5
72.5°	430.3	426.0	409.3	468.0	508.7	585.9	683.5	741.5	769.3	773.0	773.0
75°	347.6	345.1	334.6	379.1	413.0	476.0	558.8	606.9	628.5	632.8	631.6
77.5°	268.0	266.1	255.6	293.9	320.4	367.4	434.0	471.7	487.8	492.7	503.2
80°	192.0	191.4	174.7	212.4	224.1	263.6	312.4	341.4	350.1	356.9	364.3
82.5°	122.9	123.5	106.8	138.9	143.9	169.2	199.4	217.3	223.5	229.1	234.6
85°	59.9	62.4	53.1	73.5	74.1	87.1	100.0	106.8	109.3	113.6	118.5
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°	2646.9	2646.9	2646.9	2646.9	2646.9	2646.9	2646.9	2646.9	2646.9	2646.9	2646.9
2.5°	2590.7	2610.4	2600.5	2632.7	2645.0	2625.2	2659.8	2660.4	2635.7	2664.8	2680.8
5°	2550.5	2570.9	2564.7	2598.1	2613.5	2596.2	2638.2	2646.2	2622.2	2654.9	2680.8
7.5°	2509.8	2533.9	2525.8	2559.8	2578.3	2564.7	2609.8	2622.8	2604.2	2640.1	2674.6
10°	2474.6	2495.0	2486.3	2522.1	2538.2	2527.1	2571.5	2595.6	2578.3	2622.2	2663.5
12.5°	2440.0	2456.7	2446.8	2476.4	2491.9	2477.7	2532.0	2554.2	2541.9	2587.6	2640.7
15°	2395.6	2414.1	2400.5	2427.1	2438.8	2426.4	2470.9	2509.2	2493.7	2543.7	2602.4
17.5°	2361.6	2372.1	2353.6	2374.6	2381.4	2364.7	2409.8	2447.4	2436.3	2490.6	2558.6
20°	2323.9	2332.6	2306.7	2318.4	2317.8	2296.8	2338.1	2375.2	2367.8	2427.7	2504.8
22.5°	2282.0	2286.3	2256.0	2258.5	2257.3	2222.7	2259.7	2297.4	2294.3	2354.8	2441.3
25°	2237.5	2238.1	2199.2	2198.0	2184.4	2143.7	2176.4	2219.0	2209.7	2275.2	2365.9
27.5°	2193.7	2187.5	2140.6	2129.5	2107.8	2059.1	2088.1	2126.4	2120.8	2185.0	2285.7
30°	2146.7	2138.7	2081.3	2060.9	2029.4	1973.3	1997.3	2033.1	2036.2	2092.4	2198.0
32.5°	2102.3	2081.9	2018.3	1988.7	1949.2	1883.7	1896.7	1933.1	1938.1	1994.9	2103.5
35°	2044.9	2031.3	1952.9	1902.3	1863.4	1791.7	1805.3	1830.6	1838.0	1893.6	2004.1
37.5°	1990.5	1968.9	1885.6	1823.8	1773.8	1698.5	1702.2	1728.1	1735.5	1791.7	1901.0
40°	1934.4	1903.5	1814.0	1741.7	1684.3	1605.3	1601.0	1628.1	1633.7	1688.6	1787.4
42.5°	1874.5	1837.4	1736.8	1657.8	1591.7	1511.4	1502.8	1526.2	1532.4	1586.1	1683.1
45°	1814.0	1769.5	1657.8	1571.3	1499.1	1417.0	1408.3	1426.2	1435.5	1486.1	1579.3
47.5°	1749.7	1697.9	1576.3	1479.9	1405.2	1323.1	1312.6	1330.5	1337.9	1387.9	1476.2
50°	1682.5	1619.5	1492.3	1386.1	1312.0	1231.1	1215.7	1236.7	1243.5	1290.4	1376.8
52.5°	1608.4	1538.6	1402.8	1291.6	1217.5	1140.4	1121.8	1142.2	1150.2	1195.9	1275.6
55°	1530.0	1454.6	1312.6	1204.6	1124.3	1049.0	1033.6	1041.6	1058.9	1102.1	1176.2
57.5°	1441.7	1367.0	1217.5	1107.6	1030.5	958.2	945.3	952.7	968.7	1010.7	1077.4
60°	1347.8	1268.8	1120.6	1010.7	936.0	867.5	855.7	862.5	879.8	918.1	979.8
62.5°	1255.2	1166.3	1020.6	911.3	843.4	779.8	776.7	774.2	790.3	827.3	881.7
65°	1142.8	1057.6	916.2	812.5	750.8	693.4	681.0	686.6	702.0	736.0	792.8
67.5°	1022.4	945.3	809.4	713.7	658.8	607.5	597.0	599.5	615.6	645.2	694.6
70°	894.6	826.7	700.1	614.3	568.0	519.9	513.1	513.7	529.1	555.1	598.3
72.5°	760.7	699.5	589.6	516.2	477.9	443.3	437.1	429.7	443.9	466.1	503.2
75°	624.2	570.5	479.7	419.8	389.6	360.6	355.0	347.6	361.8	380.9	410.0
77.5°	486.5	443.3	372.9	326.6	303.2	281.5	276.6	268.6	282.8	297.0	319.8
80°	351.9	320.4	278.5	229.7	221.7	207.5	202.5	193.9	207.5	216.7	234.0
82.5°	227.2	206.2	182.1	148.2	146.9	136.4	134.0	124.1	136.4	142.0	155.0
85°	114.8	105.0	98.8	75.3	77.8	71.0	70.4	59.9	69.8	72.2	79.6
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: P838044

CATALOG NUMBER: ORLG-24-4-INS-ASY2R-LD4-3STD-20-120-EDD

CANDELA DISTRIBUTION (continued):

	295°	305°	315°	325°	335°	345°	355°	360°
0°	2646.9	2646.9	2646.9	2646.9	2646.9	2646.9	2646.9	2646.9
2.5°	2649.3	2659.8	2662.3	2661.7	2668.5	2705.5	2693.2	2705.5
5°	2655.5	2679.0	2685.1	2693.8	2704.9	2746.9	2733.3	2748.1
7.5°	2659.2	2694.4	2708.0	2724.6	2742.6	2789.5	2778.4	2793.2
10°	2659.2	2704.9	2724.6	2752.4	2776.5	2830.8	2820.3	2837.6
12.5°	2648.1	2706.7	2734.5	2773.4	2804.3	2862.9	2858.6	2871.0
15°	2625.2	2697.5	2735.8	2785.8	2824.0	2889.5	2887.6	2902.5
17.5°	2594.4	2681.4	2727.7	2790.7	2838.9	2912.3	2916.7	2924.7
20°	2555.5	2651.2	2711.7	2788.9	2849.4	2930.2	2935.8	2946.9
22.5°	2504.2	2614.7	2687.6	2780.8	2850.6	2937.7	2947.5	2958.0
25°	2443.7	2570.9	2656.1	2765.4	2844.4	2937.0	2950.6	2959.9
27.5°	2374.6	2514.1	2616.0	2740.7	2827.1	2927.2	2943.8	2954.9
30°	2294.3	2453.6	2570.3	2708.6	2803.7	2908.6	2926.5	2937.7
32.5°	2211.6	2386.9	2516.0	2667.2	2769.7	2879.0	2894.4	2903.1
35°	2121.4	2306.0	2450.5	2614.1	2725.9	2831.5	2843.2	2852.5
37.5°	2023.3	2218.4	2375.8	2554.2	2664.1	2765.4	2775.9	2786.4
40°	1922.0	2126.4	2291.8	2480.8	2590.7	2684.5	2695.6	2703.0
42.5°	1820.1	2024.5	2202.3	2394.3	2503.6	2593.8	2600.5	2608.0
45°	1717.0	1918.9	2101.7	2298.6	2406.7	2491.3	2493.7	2499.9
47.5°	1612.1	1809.6	1991.2	2189.3	2296.2	2373.3	2375.8	2380.7
50°	1506.5	1700.4	1873.2	2071.4	2175.8	2257.3	2246.2	2251.1
52.5°	1402.8	1585.5	1762.1	1944.2	2047.3	2119.6	2122.7	2112.8
55°	1300.9	1473.1	1635.5	1810.9	1909.0	1965.2	1963.4	1967.1
57.5°	1197.8	1359.5	1508.3	1668.9	1764.6	1817.7	1828.8	1815.8
60°	1092.8	1244.7	1378.1	1523.2	1615.8	1660.2	1673.2	1660.8
62.5°	988.5	1128.0	1249.0	1375.6	1461.4	1516.4	1515.1	1501.5
65°	884.1	1010.7	1118.8	1226.2	1300.9	1355.8	1353.4	1341.0
67.5°	787.8	892.2	989.1	1076.2	1141.0	1178.6	1191.6	1176.8
70°	681.6	771.8	857.0	926.7	980.5	1014.4	1026.8	1013.8
72.5°	575.4	652.0	711.9	779.2	820.5	848.9	861.9	849.6
75°	470.5	533.4	582.2	634.7	663.7	687.8	702.6	690.3
77.5°	368.6	417.4	456.3	494.5	527.9	533.4	546.4	538.4
80°	271.7	306.9	335.3	360.6	384.6	387.1	397.6	392.7
82.5°	180.9	204.4	211.8	238.3	253.8	251.3	261.8	258.1
85°	95.7	109.9	122.9	130.9	139.5	131.5	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)