

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: P838205

Luminaire Tested: **ORLG-24-4-INS-ASY2R-LD4-3LO-35-120-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: P838205
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-LD4-3LO-35-120-EDD-90
Description: 2FT x 4FT ORL LED LUMINAIRE WITH asymmetric/symmetric lens v2 and
RFI grid
Light Source: 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

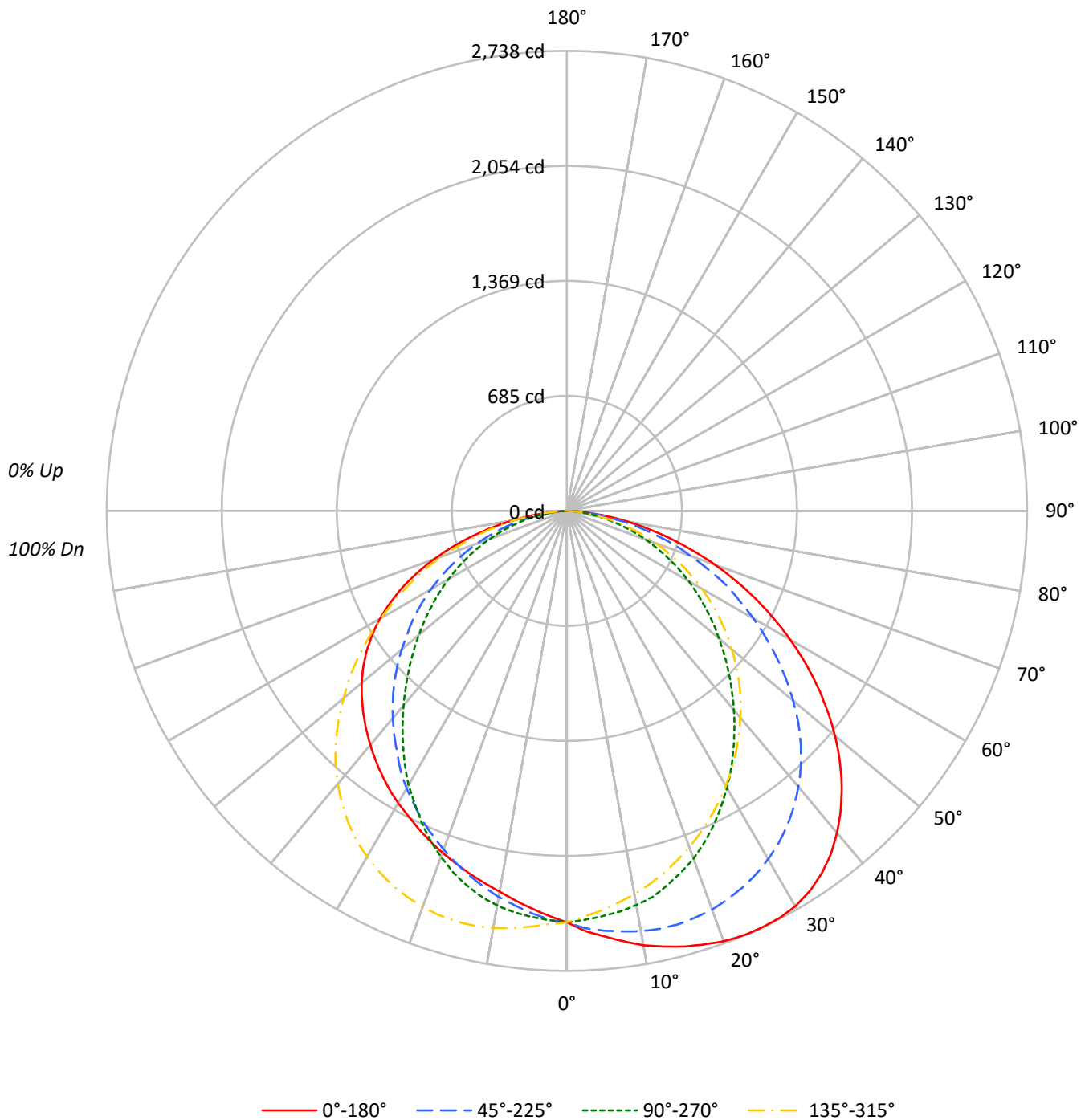
Lumens per Lamp: N/A
Luminaire Lumens: 7183.6 lumens
Efficiency: N/A
Efficacy: 102.3 lumens/watt
Spacing Criteria (0/90/45): 1.43 / 1.16 / 1.4
Luminous Opening: Rectangular (W 2' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 70.2
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°	3294	3294	3294	3294
5°	3434	3271	3209	3276
10°	3586	3254	3144	3259
15°	3740	3213	3113	3213
20°	3903	3154	3100	3136
25°	4065	3066	3099	3035
30°	4222	2959	3120	2927
35°	4334	2838	3151	2793
40°	4392	2716	3195	2654
45°	4400	2592	3257	2527
50°	4359	2474	3337	2408
55°	4269	2363	3411	2298
60°	4134	2249	3457	2190
65°	3949	2117	3438	2067
70°	3689	1961	3316	1926
75°	3319	1749	3043	1740
80°	2815	1465	2558	1487
85°	1958	969	1623	996

Classified

Scaled Data Report

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	232.5	3.2
10°-20°	673.2	9.4
20°-30°	1031.7	14.4
30°-40°	1254.5	17.5
40°-50°	1304.1	18.2
50°-60°	1178.0	16.4
60°-70°	895.6	12.5
70°-80°	499.3	7.0
80°-90°	115.0	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°	1937.3	27.0
0°-40°	3191.8	44.4
0°-60°	5673.8	79.0
0°-90°	7183.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	7183.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2448	2448	2448	2448	2448	
5°	2542	2422	2376	2426	2542	245
15°	2685	2306	2235	2307	2685	761
25°	2738	2065	2088	2044	2738	1265
35°	2639	1728	1918	1700	2639	1648
45°	2313	1362	1712	1328	2313	1780
55°	1820	1008	1454	980	1820	1624
65°	1240	665	1080	649	1240	1226
75°	638	336	585	335	638	678
85°	127	63	105	64	127	160
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°	2448.5	2448.5	2448.5	2448.5	2448.5	2448.5	2448.5	2448.5	2448.5	2448.5	2448.5
2.5°	2502.8	2466.2	2466.8	2498.8	2474.2	2486.2	2451.9	2465.1	2461.1	2463.9	2436.0
5°	2542.2	2502.8	2502.2	2529.6	2502.2	2507.3	2463.9	2472.5	2459.9	2451.9	2421.7
7.5°	2583.9	2544.5	2540.5	2564.5	2528.5	2524.5	2476.5	2476.5	2453.7	2433.7	2405.1
10°	2625.0	2584.5	2579.3	2597.6	2553.0	2539.9	2481.6	2472.5	2442.2	2412.5	2381.7
12.5°	2655.8	2614.7	2610.7	2622.1	2571.9	2547.9	2481.6	2463.9	2419.4	2377.7	2353.7
15°	2685.0	2642.7	2631.9	2637.6	2579.9	2547.9	2473.6	2446.2	2389.1	2334.3	2306.3
17.5°	2705.5	2665.0	2654.1	2653.6	2583.9	2538.2	2456.5	2418.8	2350.3	2284.0	2256.0
20°	2726.1	2685.5	2671.8	2661.6	2582.7	2525.1	2431.4	2380.6	2300.6	2226.3	2202.9
22.5°	2736.4	2694.7	2679.8	2664.4	2575.3	2501.1	2400.5	2336.0	2244.6	2156.1	2136.7
25°	2738.1	2695.3	2679.3	2657.0	2560.5	2472.5	2360.6	2282.3	2180.1	2081.8	2065.3
27.5°	2733.5	2686.7	2670.7	2643.9	2538.2	2437.7	2313.2	2221.2	2111.5	2003.0	1985.3
30°	2717.5	2670.1	2654.7	2619.9	2506.8	2394.8	2261.2	2153.2	2035.6	1920.2	1904.8
32.5°	2685.5	2639.3	2626.7	2591.9	2472.5	2345.1	2200.6	2080.1	1951.6	1841.4	1818.5
35°	2638.7	2592.4	2584.5	2547.9	2424.5	2285.7	2134.4	2000.2	1862.5	1750.0	1727.7
37.5°	2577.6	2538.8	2526.8	2490.8	2368.0	2218.3	2058.4	1913.4	1771.7	1650.6	1636.9
40°	2500.5	2463.9	2454.8	2422.8	2302.3	2143.5	1976.2	1823.7	1678.0	1565.5	1546.1
42.5°	2412.5	2378.3	2373.1	2340.0	2221.2	2060.7	1887.1	1730.6	1580.4	1471.9	1452.4
45°	2312.6	2279.5	2278.3	2246.9	2132.7	1968.8	1793.4	1636.3	1485.0	1372.5	1362.2
47.5°	2202.4	2172.7	2172.7	2143.5	2033.9	1867.7	1696.9	1538.1	1389.0	1289.7	1271.4
50°	2082.4	2054.4	2045.9	2031.6	1924.8	1757.4	1595.2	1442.2	1294.2	1199.4	1181.7
52.5°	1954.5	1930.5	1936.2	1909.9	1806.5	1642.6	1492.4	1334.2	1198.8	1112.6	1094.9
55°	1819.7	1785.4	1790.6	1780.8	1683.2	1524.4	1377.0	1245.1	1105.2	1024.1	1007.5
57.5°	1679.8	1635.2	1653.5	1647.8	1551.8	1403.3	1271.4	1144.0	1012.1	937.3	921.3
60°	1536.4	1493.6	1512.4	1507.3	1417.0	1282.2	1162.3	1044.1	919.6	851.6	835.6
62.5°	1389.0	1349.6	1366.8	1362.8	1279.9	1158.3	1053.8	945.3	826.5	765.3	750.5
65°	1240.5	1202.8	1218.3	1215.4	1138.9	1046.3	942.4	843.0	732.8	679.7	664.8
67.5°	1088.6	1053.8	1068.0	1068.0	997.8	909.3	830.5	739.6	640.8	595.1	581.4
70°	937.8	905.3	917.8	916.7	857.3	785.3	717.4	636.3	547.7	510.0	498.6
72.5°	785.9	757.3	768.8	767.6	717.9	671.7	604.3	534.0	456.9	426.6	416.4
75°	638.5	611.7	622.6	621.4	580.9	537.5	492.3	434.1	367.8	346.7	336.4
77.5°	498.0	470.6	479.8	479.8	450.1	418.7	382.7	337.5	290.7	267.9	260.4
80°	363.3	350.1	345.5	346.1	326.1	305.6	287.3	243.9	209.6	194.2	189.1
82.5°	238.7	227.9	223.3	224.5	213.0	200.5	189.1	158.8	135.9	126.8	123.9
85°	126.8	118.8	114.8	117.7	115.4	108.5	102.8	82.2	68.0	64.5	62.8
87.5°	40.0	34.8	32.0	42.3	36.0	32.0	30.8	24.6	18.8	18.8	18.3
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):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°	185°
0°	2448.5	2448.5	2448.5	2448.5	2448.5	2448.5	2448.5	2448.5	2448.5	2448.5	2448.5
2.5°	2445.1	2445.1	2422.8	2417.7	2415.4	2418.2	2396.0	2392.0	2424.0	2413.1	2388.5
5°	2425.7	2424.5	2393.1	2387.4	2387.4	2384.0	2358.8	2353.1	2385.1	2376.0	2349.1
7.5°	2401.7	2398.3	2361.1	2357.1	2351.4	2349.1	2321.2	2317.2	2344.6	2338.9	2313.7
10°	2372.6	2369.1	2325.2	2322.3	2316.0	2311.4	2285.2	2282.3	2310.3	2301.2	2281.2
12.5°	2334.3	2328.0	2282.9	2280.0	2274.9	2273.2	2247.5	2246.3	2277.2	2268.0	2246.9
15°	2284.0	2278.9	2228.6	2229.8	2230.3	2230.3	2209.8	2208.6	2238.9	2234.9	2212.1
17.5°	2228.6	2221.8	2173.8	2177.2	2181.2	2185.8	2169.8	2172.7	2204.6	2199.5	2178.9
20°	2165.8	2158.9	2112.1	2121.8	2130.4	2139.5	2129.2	2137.2	2166.9	2164.7	2149.2
22.5°	2095.5	2088.7	2045.3	2060.1	2074.4	2091.5	2087.0	2096.1	2127.5	2127.0	2113.3
25°	2009.9	2011.6	1973.3	1991.6	2015.6	2039.6	2041.3	2056.1	2091.0	2087.6	2075.0
27.5°	1929.9	1932.2	1891.6	1922.5	1954.5	1985.3	1992.7	2013.3	2048.7	2045.9	2035.0
30°	1846.0	1848.8	1809.4	1851.7	1890.5	1928.2	1944.2	1972.2	2008.2	2008.2	1996.7
32.5°	1758.6	1763.7	1722.6	1779.1	1824.3	1868.2	1896.2	1925.3	1966.5	1965.3	1955.6
35°	1668.9	1674.6	1636.9	1708.9	1754.0	1807.7	1842.5	1881.4	1917.9	1918.5	1911.1
37.5°	1577.5	1584.4	1550.1	1628.9	1680.3	1743.7	1788.3	1827.1	1867.7	1869.9	1863.1
40°	1486.7	1494.1	1464.4	1540.4	1605.5	1676.3	1727.7	1773.4	1818.0	1819.1	1814.5
42.5°	1395.9	1403.9	1381.6	1455.9	1529.5	1605.5	1666.0	1718.0	1763.7	1766.6	1761.4
45°	1307.4	1314.2	1298.2	1379.3	1450.1	1533.0	1602.6	1661.5	1707.7	1711.7	1710.0
47.5°	1219.4	1225.7	1211.4	1285.7	1367.3	1455.3	1535.8	1600.9	1650.1	1654.6	1653.5
50°	1133.2	1138.3	1122.9	1200.6	1281.7	1375.3	1459.3	1534.7	1589.5	1594.1	1593.5
52.5°	1047.5	1052.6	1039.5	1121.2	1194.8	1293.7	1385.0	1466.7	1521.0	1527.8	1529.0
55°	964.7	967.0	956.7	1034.9	1106.3	1209.7	1314.8	1394.2	1448.4	1454.1	1457.6
57.5°	881.9	882.4	873.9	948.7	1017.2	1122.9	1233.1	1316.5	1367.9	1373.6	1378.8
60°	799.6	799.0	789.3	861.9	927.5	1032.1	1146.9	1229.7	1279.4	1284.5	1291.4
62.5°	717.9	716.2	707.7	774.5	836.2	939.5	1054.9	1134.9	1182.3	1185.7	1194.8
65°	636.8	635.1	627.1	688.8	744.8	843.6	956.7	1032.6	1075.5	1080.0	1078.3
67.5°	556.9	553.4	547.2	602.6	653.4	744.8	853.3	925.8	961.2	965.2	976.1
70°	476.9	472.9	458.6	517.5	562.0	643.7	744.8	809.3	839.0	843.0	841.3
72.5°	398.1	394.1	378.7	432.9	470.6	542.0	632.3	686.0	711.7	715.1	715.1
75°	321.6	319.3	309.6	350.7	382.1	440.4	516.9	561.4	581.4	585.4	584.3
77.5°	247.9	246.2	236.5	271.9	296.4	339.8	401.5	436.4	451.2	455.8	465.5
80°	177.6	177.1	161.6	196.5	207.3	243.9	289.0	315.8	323.8	330.1	337.0
82.5°	113.7	114.2	98.8	128.5	133.1	156.5	184.5	201.0	206.8	211.9	217.0
85°	55.4	57.7	49.1	68.0	68.5	80.5	92.5	98.8	101.1	105.1	109.7
87.5°	14.3	16.6	9.1	19.4	17.1	22.3	25.7	27.4	26.8	29.7	31.4
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°	2448.5	2448.5	2448.5	2448.5	2448.5	2448.5	2448.5	2448.5	2448.5	2448.5	2448.5
2.5°	2396.5	2414.8	2405.7	2435.4	2446.8	2428.5	2460.5	2461.1	2438.2	2465.1	2479.9
5°	2359.4	2378.3	2372.6	2403.4	2417.7	2401.7	2440.5	2447.9	2425.7	2455.9	2479.9
7.5°	2321.7	2344.0	2336.6	2368.0	2385.1	2372.6	2414.2	2426.2	2409.1	2442.2	2474.2
10°	2289.2	2308.0	2300.0	2333.1	2348.0	2337.7	2378.8	2401.1	2385.1	2425.7	2463.9
12.5°	2257.2	2272.6	2263.5	2290.9	2305.2	2292.0	2342.3	2362.8	2351.4	2393.7	2442.8
15°	2216.1	2233.2	2220.6	2245.2	2256.0	2244.6	2285.7	2321.2	2306.9	2353.1	2407.4
17.5°	2184.6	2194.4	2177.2	2196.6	2202.9	2187.5	2229.2	2264.0	2253.8	2304.0	2366.8
20°	2149.8	2157.8	2133.8	2144.7	2144.1	2124.7	2162.9	2197.2	2190.4	2245.8	2317.2
22.5°	2111.0	2115.0	2087.0	2089.3	2088.1	2056.1	2090.4	2125.2	2122.4	2178.4	2258.3
25°	2069.8	2070.4	2034.4	2033.3	2020.7	1983.0	2013.3	2052.7	2044.1	2104.7	2188.6
27.5°	2029.3	2023.6	1980.2	1969.9	1949.9	1904.8	1931.6	1967.0	1961.9	2021.3	2114.4
30°	1985.9	1978.5	1925.3	1906.5	1877.4	1825.4	1847.7	1880.8	1883.7	1935.6	2033.3
32.5°	1944.8	1925.9	1867.1	1839.7	1803.1	1742.6	1754.6	1788.3	1792.8	1845.4	1945.9
35°	1891.6	1879.1	1806.5	1759.7	1723.7	1657.5	1670.0	1693.5	1700.3	1751.7	1854.0
37.5°	1841.4	1821.4	1744.3	1687.2	1640.9	1571.2	1574.7	1598.6	1605.5	1657.5	1758.6
40°	1789.4	1760.9	1678.0	1611.2	1558.1	1485.0	1481.0	1506.1	1511.3	1562.1	1653.5
42.5°	1734.0	1699.7	1606.6	1533.5	1472.4	1398.2	1390.2	1411.9	1417.6	1467.3	1557.0
45°	1678.0	1636.9	1533.5	1453.6	1386.8	1310.8	1302.8	1319.4	1327.9	1374.8	1461.0
47.5°	1618.6	1570.7	1458.1	1369.0	1299.9	1224.0	1214.3	1230.8	1237.7	1283.9	1365.6
50°	1556.4	1498.1	1380.5	1282.2	1213.7	1138.9	1124.6	1144.0	1150.3	1193.7	1273.7
52.5°	1487.8	1423.3	1297.7	1194.8	1126.3	1054.9	1037.8	1056.6	1064.1	1106.3	1180.0
55°	1415.3	1345.6	1214.3	1114.3	1040.1	970.4	956.1	963.5	979.5	1019.5	1088.0
57.5°	1333.6	1264.5	1126.3	1024.6	953.2	886.4	874.4	881.3	896.1	935.0	996.7
60°	1246.8	1173.7	1036.6	935.0	865.9	802.5	791.6	797.9	813.9	849.3	906.4
62.5°	1161.1	1078.9	944.1	843.0	780.2	721.4	718.5	716.2	731.1	765.3	815.6
65°	1057.2	978.4	847.6	751.6	694.5	641.4	630.0	635.1	649.4	680.8	733.4
67.5°	945.8	874.4	748.8	660.2	609.4	562.0	552.3	554.6	569.4	596.9	642.5
70°	827.6	764.8	647.7	568.3	525.5	480.9	474.6	475.2	489.5	513.5	553.4
72.5°	703.7	647.1	545.4	477.5	442.1	410.1	404.4	397.5	410.7	431.2	465.5
75°	577.4	527.7	443.8	388.4	360.4	333.6	328.4	321.6	334.7	352.4	379.2
77.5°	450.1	410.1	345.0	302.1	280.4	260.4	255.9	248.5	261.6	274.7	295.9
80°	325.6	296.4	257.6	212.5	205.0	191.9	187.3	179.3	191.9	200.5	216.5
82.5°	210.2	190.8	168.5	137.1	135.9	126.2	123.9	114.8	126.2	131.4	143.4
85°	106.2	97.1	91.4	69.7	72.0	65.7	65.1	55.4	64.5	66.8	73.7
87.5°	30.3	32.0	28.6	17.1	21.7	20.6	20.6	14.8	20.6	20.6	23.4
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: P838205

CATALOG NUMBER: ORLG-24-4-INS-ASY2R-LD4-3LO-35-120-EDD-90

CANDELA DISTRIBUTION (continued):

	295°	305°	315°	325°	335°	345°	355°	360°
0°	2448.5	2448.5	2448.5	2448.5	2448.5	2448.5	2448.5	2448.5
2.5°	2450.8	2460.5	2462.8	2462.2	2468.5	2502.8	2491.4	2502.8
5°	2456.5	2478.2	2483.9	2491.9	2502.2	2541.0	2528.5	2542.2
7.5°	2459.9	2492.5	2505.1	2520.5	2537.0	2580.5	2570.2	2583.9
10°	2459.9	2502.2	2520.5	2546.2	2568.5	2618.7	2609.0	2625.0
12.5°	2449.7	2503.9	2529.6	2565.6	2594.2	2648.4	2644.4	2655.8
15°	2428.5	2495.4	2530.8	2577.0	2612.4	2673.0	2671.3	2685.0
17.5°	2400.0	2480.5	2523.3	2581.6	2626.1	2694.1	2698.1	2705.5
20°	2364.0	2452.5	2508.5	2579.9	2635.9	2710.7	2715.8	2726.1
22.5°	2316.6	2418.8	2486.2	2572.5	2637.0	2717.5	2726.7	2736.4
25°	2260.6	2378.3	2457.1	2558.2	2631.3	2717.0	2729.5	2738.1
27.5°	2196.6	2325.7	2420.0	2535.3	2615.3	2707.8	2723.2	2733.5
30°	2122.4	2269.7	2377.7	2505.6	2593.6	2690.7	2707.2	2717.5
32.5°	2045.9	2208.1	2327.4	2467.4	2562.2	2663.3	2677.5	2685.5
35°	1962.5	2133.2	2266.9	2418.2	2521.6	2619.3	2630.1	2638.7
37.5°	1871.7	2052.1	2197.8	2362.8	2464.5	2558.2	2567.9	2577.6
40°	1778.0	1967.0	2120.1	2294.9	2396.5	2483.4	2493.6	2500.5
42.5°	1683.7	1872.8	2037.3	2214.9	2316.0	2399.4	2405.7	2412.5
45°	1588.4	1775.1	1944.2	2126.4	2226.3	2304.6	2306.9	2312.6
47.5°	1491.3	1674.0	1842.0	2025.3	2124.1	2195.5	2197.8	2202.4
50°	1393.6	1572.9	1732.9	1916.2	2012.7	2088.1	2077.8	2082.4
52.5°	1297.7	1466.7	1630.1	1798.6	1893.9	1960.8	1963.6	1954.5
55°	1203.4	1362.8	1513.0	1675.2	1766.0	1818.0	1816.3	1819.7
57.5°	1108.0	1257.7	1395.3	1543.8	1632.3	1681.5	1691.7	1679.8
60°	1010.9	1151.4	1274.8	1409.0	1494.7	1535.8	1547.8	1536.4
62.5°	914.4	1043.5	1155.4	1272.5	1351.9	1402.7	1401.6	1389.0
65°	817.9	935.0	1034.9	1134.3	1203.4	1254.2	1252.0	1240.5
67.5°	728.8	825.3	915.0	995.5	1055.5	1090.3	1102.3	1088.6
70°	630.5	713.9	792.8	857.3	907.0	938.4	949.8	937.8
72.5°	532.3	603.1	658.5	720.8	759.1	785.3	797.3	785.9
75°	435.2	493.5	538.6	587.1	614.0	636.3	650.0	638.5
77.5°	341.0	386.1	422.1	457.5	488.3	493.5	505.5	498.0
80°	251.3	283.9	310.1	333.6	355.8	358.1	367.8	363.3
82.5°	167.3	189.1	195.9	220.5	234.7	232.5	242.2	238.7
85°	88.5	101.7	113.7	121.1	129.1	121.7	130.2	126.8
87.5°	29.7	31.4	27.4	38.8	42.8	36.6	41.7	40.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)