

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



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: CORELITE

Report Number: P#

Luminaire Tested: **44ID-100-L950-CFR2**

Issue Date: 9/24/2021

This test was performed under the Supervised Manufacturer's Testing Program. The results of this test have not been influenced by sources from within Cooper Lighting Solutions or from external interests.

Test Information

Test Method: LM-79-08
Report Number: P#
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (13890049.01)
Test Lab: INNOVATION CENTER
Issue Date: 9/24/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: 44ID-100-L950-CFR2
Description: 10000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS
AND 5000K CCT, 90CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

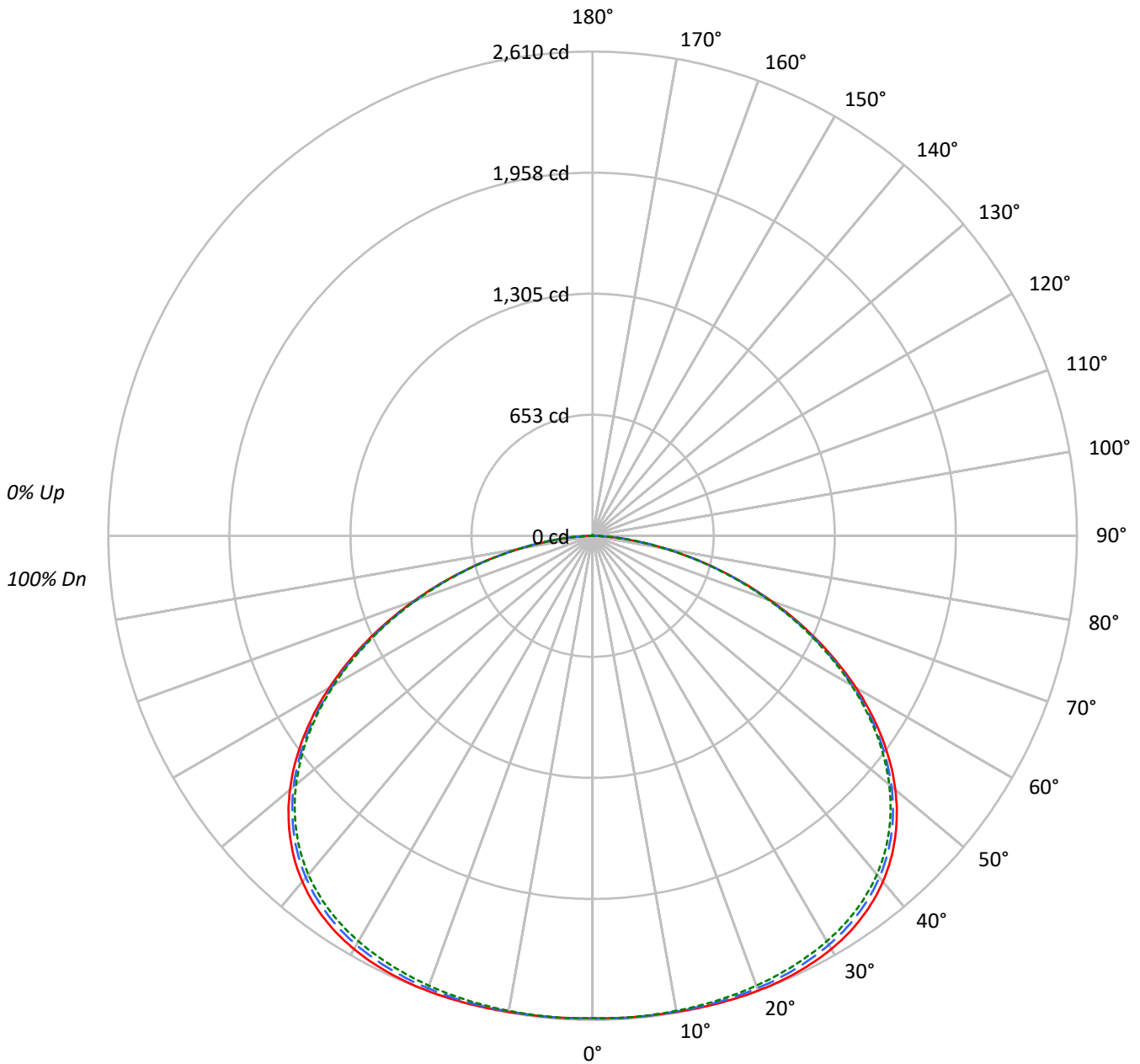
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9420.0 lumens
Efficiency: N/A
Efficacy: 118.6 lumens/watt
Spacing Criteria (0/90/45): 1.48 / 1.45 / 1.57
Luminous Opening: Rectangular (W 3.88' x L: 3.88' x H: 0')
CIE Type: Direct

Input Watts (W): 79.4
Input Voltage (V):
Input Current (A_{in}): 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





TEST NUMBER: P#

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20					
RC	80					70					50					30					10					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0					
RCR																										
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100								
1	108	103	99	95	105	101	97	93	97	93	90	93	90	87	89	87	85	82								
2	98	89	82	76	95	87	81	75	84	78	73	80	76	71	77	73	70	68								
3	89	78	69	62	86	76	68	62	73	66	60	70	64	59	67	63	58	56								
4	81	68	59	52	78	67	58	52	64	57	51	62	55	50	60	54	49	47								
5	74	61	51	44	72	59	51	44	57	49	43	55	48	43	53	47	42	40								
6	68	54	45	38	66	53	44	38	51	43	38	50	43	37	48	42	37	35								
7	63	49	40	33	61	48	39	33	46	39	33	45	38	33	43	37	32	30								
8	58	44	36	29	57	44	35	29	42	35	29	41	34	29	40	33	29	27								
9	54	41	32	26	53	40	32	26	39	31	26	38	31	26	37	30	26	24								
10	51	37	29	24	50	37	29	24	36	28	23	35	28	23	34	28	23	21								

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1857	1857	1857
5°	1866	1866	1866
10°	1890	1888	1885
15°	1929	1924	1917
20°	1982	1972	1961
25°	2047	2031	2015
30°	2120	2099	2080
35°	2196	2171	2152
40°	2268	2241	2222
45°	2327	2299	2279
50°	2365	2336	2317
55°	2372	2343	2326
60°	2341	2312	2298
65°	2265	2239	2228
70°	2135	2113	2102
75°	1934	1922	1913
80°	1645	1651	1633
85°	1225	1255	1253



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	248.6	2.6
10°-20°	737.3	7.8
20°-30°	1192.0	12.7
30°-40°	1561.2	16.6
40°-50°	1756.1	18.6
50°-60°	1680.4	17.8
60°-70°	1310.6	13.9
70°-80°	738.6	7.8
80°-90°	182.8	1.9
90°-100°	0.6	0.0
100°-110°	1.1	0.0
110°-120°	1.9	0.0
120°-130°	3.0	0.0
130°-140°	2.4	0.0
140°-150°	1.4	0.0
150°-160°	1.1	0.0
160°-170°	0.7	0.0
170°-180°	0.3	0.0
0°-30°	2177.9	23.1
0°-40°	3739.1	39.7
0°-60°	7175.6	76.2
0°-90°	9407.5	99.9
90°-120°	3.6	0.0
90°-150°	10.4	0.1
90°-180°	12.0	0.1
0°-180°	9420.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2602	2602	2602	2602	2602	
5°	2604	2605	2604	2604	2603	249
15°	2610	2609	2603	2597	2594	740
25°	2599	2595	2579	2564	2558	1201
35°	2520	2512	2491	2476	2469	1578
45°	2305	2295	2277	2266	2258	1776
55°	1906	1896	1883	1874	1869	1699
65°	1341	1336	1326	1322	1319	1323
75°	701	701	697	695	694	743
85°	150	152	153	154	153	173
90°	1	1	1	2	1	7
95°	1	0	1	0	1	1
105°	1	1	1	1	1	1
115°	2	2	2	2	2	2
125°	4	4	4	3	3	3
135°	3	3	3	3	3	2
145°	2	2	2	2	2	2
155°	2	2	2	2	3	1
165°	2	2	2	2	2	1
175°	3	3	3	3	3	0
180°	2	2	2	2	2	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2601.5	2601.5	2601.5	2601.5	2601.5
0.5°	2600.9	2602.8	2603.4	2602.8	2601.5
1°	2601.5	2602.8	2603.4	2603.4	2602.2
1.5°	2602.2	2603.4	2603.4	2603.4	2602.8
2°	2602.2	2603.4	2603.4	2604.1	2602.8
2.5°	2602.8	2604.1	2604.1	2604.1	2602.8
3°	2603.4	2604.1	2604.1	2604.1	2603.4
3.5°	2603.4	2604.1	2604.1	2604.1	2603.4
4°	2604.1	2604.1	2604.1	2604.1	2603.4
4.5°	2604.1	2604.7	2604.1	2604.1	2603.4
5°	2604.1	2604.7	2604.1	2604.1	2603.4
5.5°	2604.1	2604.7	2604.1	2604.1	2603.4
6°	2604.7	2604.7	2604.1	2604.1	2602.8
6.5°	2604.7	2605.3	2604.7	2604.1	2602.8
7°	2604.7	2605.3	2604.1	2604.1	2602.8
7.5°	2604.7	2605.3	2604.1	2603.4	2602.2
8°	2605.3	2605.3	2604.7	2603.4	2602.2
8.5°	2605.3	2606.0	2604.1	2603.4	2601.5
9°	2606.0	2606.0	2604.7	2602.8	2601.5
9.5°	2606.0	2606.6	2604.1	2602.8	2600.9
10°	2606.6	2606.6	2604.1	2602.2	2600.3
10.5°	2607.2	2607.2	2604.1	2602.2	2600.3
11°	2607.2	2607.2	2604.1	2601.5	2599.6
11.5°	2607.9	2607.9	2604.1	2600.9	2599.0
12°	2607.9	2607.9	2604.1	2600.9	2598.4
12.5°	2608.5	2607.9	2603.4	2600.3	2597.7
13°	2608.5	2607.9	2603.4	2599.6	2597.1
13.5°	2609.1	2608.5	2603.4	2599.0	2596.5
14°	2609.1	2608.5	2603.4	2598.4	2595.2
14.5°	2609.8	2608.5	2602.8	2597.7	2594.6
15°	2609.8	2609.1	2602.8	2597.1	2593.9
15.5°	2610.4	2609.1	2602.2	2595.8	2592.6
16°	2609.8	2609.1	2601.5	2595.2	2591.4
16.5°	2610.4	2609.1	2601.5	2593.9	2590.1
17°	2610.4	2608.5	2600.9	2592.6	2589.5
17.5°	2610.4	2608.5	2599.6	2592.0	2588.2
18°	2610.4	2608.5	2599.0	2590.7	2586.3
18.5°	2610.4	2607.9	2598.4	2589.5	2585.0
19°	2609.8	2607.9	2597.7	2588.2	2583.8
19.5°	2609.8	2607.2	2596.5	2586.3	2581.9
20°	2609.1	2606.6	2595.2	2585.0	2580.6
20.5°	2608.5	2606.0	2594.6	2583.8	2578.7
21°	2608.5	2605.3	2593.3	2581.9	2576.8



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	2606.0	2602.2	2588.8	2576.1	2570.4
23°	2604.7	2600.9	2586.9	2574.2	2568.5
23.5°	2603.4	2599.6	2585.0	2571.7	2566.0
24°	2602.2	2598.4	2583.1	2569.2	2563.5
24.5°	2600.9	2596.5	2581.2	2566.6	2560.9
25°	2599.0	2594.6	2578.7	2564.1	2558.4
25.5°	2597.1	2592.6	2576.1	2561.6	2555.2
26°	2595.2	2590.7	2573.6	2559.0	2552.7
26.5°	2593.3	2588.2	2571.1	2555.8	2549.5
27°	2590.7	2585.7	2567.9	2552.7	2546.3
27.5°	2588.2	2583.1	2564.7	2549.5	2543.2
28°	2585.7	2580.0	2561.6	2546.3	2540.0
28.5°	2582.5	2576.8	2558.4	2542.5	2536.2
29°	2579.3	2573.6	2554.6	2538.7	2532.4
29.5°	2576.1	2569.8	2550.8	2534.9	2527.9
30°	2572.3	2566.0	2546.3	2530.5	2523.5
30.5°	2568.5	2562.2	2541.9	2526.0	2519.7
31°	2564.1	2557.7	2537.4	2521.6	2514.6
31.5°	2560.3	2553.3	2532.4	2517.1	2510.2
32°	2555.2	2548.2	2527.9	2512.1	2505.1
32.5°	2550.1	2543.2	2522.2	2506.4	2499.4
33°	2545.1	2537.4	2516.5	2501.3	2493.7
33.5°	2539.3	2531.7	2510.8	2495.6	2488.0
34°	2533.0	2525.4	2504.4	2489.2	2482.2
34.5°	2526.7	2519.0	2498.1	2482.9	2475.9
35°	2520.3	2512.1	2491.1	2475.9	2468.9
35.5°	2513.3	2505.1	2484.1	2468.9	2461.9
36°	2506.4	2497.5	2476.5	2461.9	2454.3
36.5°	2498.1	2489.9	2468.9	2454.3	2447.3
37°	2489.9	2481.6	2460.7	2446.1	2439.1
37.5°	2481.6	2472.7	2452.4	2437.8	2430.2
38°	2472.7	2464.5	2443.5	2429.6	2422.0
38.5°	2463.8	2455.0	2434.0	2420.1	2413.1
39°	2454.3	2444.8	2424.5	2411.2	2403.6
39.5°	2444.2	2434.7	2415.0	2401.0	2394.0
40°	2433.4	2424.5	2404.2	2390.9	2383.9
40.5°	2423.2	2413.7	2393.4	2380.7	2373.1
41°	2411.8	2402.3	2382.6	2369.3	2361.7
41.5°	2399.8	2390.2	2370.6	2357.9	2350.3
42°	2387.7	2378.2	2358.5	2346.5	2338.2
42.5°	2375.0	2365.5	2345.8	2333.8	2326.1
43°	2362.3	2352.2	2333.1	2321.1	2313.5
43.5°	2349.0	2338.8	2319.8	2307.7	2300.1



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	2305.2	2295.1	2276.7	2265.9	2257.6
45.5°	2290.0	2279.2	2261.4	2250.6	2243.0
46°	2274.1	2263.3	2245.6	2234.8	2227.2
46.5°	2257.6	2246.8	2229.7	2218.9	2211.3
47°	2240.5	2230.3	2212.6	2203.1	2194.8
47.5°	2223.4	2212.6	2195.4	2185.9	2177.7
48°	2206.2	2194.8	2178.3	2168.2	2159.9
48.5°	2187.8	2177.0	2160.5	2151.0	2143.4
49°	2168.2	2158.0	2141.5	2131.4	2124.4
49.5°	2149.1	2139.0	2122.5	2113.0	2105.3
50°	2129.4	2118.7	2103.4	2093.9	2086.3
50.5°	2109.1	2098.4	2083.1	2073.6	2066.6
51°	2088.8	2078.1	2062.8	2053.3	2045.7
51.5°	2067.3	2056.5	2041.2	2032.4	2025.4
52°	2045.7	2034.9	2019.7	2011.4	2004.4
52.5°	2024.1	2013.3	1998.1	1989.2	1982.9
53°	2000.6	1990.5	1976.5	1968.3	1961.3
53.5°	1977.2	1967.0	1953.1	1944.8	1938.5
54°	1953.7	1943.5	1929.6	1921.3	1915.6
54.5°	1930.8	1920.1	1906.7	1898.5	1892.8
55°	1906.1	1895.9	1882.6	1874.4	1868.7
55.5°	1881.4	1871.2	1857.9	1849.6	1844.5
56°	1855.3	1845.8	1832.5	1825.5	1820.4
56.5°	1829.3	1820.4	1807.1	1800.1	1795.1
57°	1803.9	1794.4	1781.7	1775.4	1770.3
57.5°	1778.6	1768.4	1755.7	1749.4	1744.3
58°	1750.6	1741.1	1729.1	1722.7	1718.3
58.5°	1723.4	1714.5	1701.8	1696.1	1691.6
59°	1696.1	1687.2	1675.1	1669.4	1665.0
59.5°	1667.5	1659.3	1647.2	1641.5	1637.1
60°	1639.6	1630.7	1619.3	1614.2	1609.8
60.5°	1611.0	1603.4	1591.4	1586.3	1581.9
61°	1581.9	1574.2	1562.8	1557.7	1553.3
61.5°	1552.0	1545.7	1534.3	1529.2	1525.4
62°	1522.8	1516.5	1505.1	1500.6	1496.8
62.5°	1493.0	1486.7	1475.3	1470.8	1467.0
63°	1463.2	1456.9	1446.1	1441.6	1437.8
63.5°	1432.7	1426.4	1416.2	1411.8	1408.0
64°	1402.3	1395.9	1385.2	1382.0	1377.5
64.5°	1371.8	1365.5	1354.7	1351.5	1347.7
65°	1340.7	1335.7	1325.5	1321.7	1319.2
65.5°	1310.3	1303.9	1294.4	1291.2	1287.4
66°	1277.9	1272.8	1263.3	1260.2	1257.6



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	1184.0	1178.3	1170.1	1166.9	1163.7
68°	1151.7	1146.6	1138.3	1135.8	1132.6
68.5°	1119.3	1114.2	1106.0	1104.1	1102.2
69°	1086.9	1081.9	1074.9	1073.0	1070.4
69.5°	1055.2	1050.1	1043.8	1041.9	1038.7
70°	1022.8	1018.4	1012.1	1010.2	1007.0
70.5°	990.5	986.0	980.3	978.4	975.3
71°	958.1	954.3	949.2	946.7	943.5
71.5°	926.4	922.6	916.9	915.0	912.4
72°	894.0	890.9	885.2	883.9	880.7
72.5°	861.7	859.1	853.4	852.2	849.6
73°	829.3	826.8	821.1	819.8	817.9
73.5°	797.6	795.1	790.0	788.1	786.2
74°	765.9	764.0	758.9	757.6	755.1
74.5°	733.5	732.2	727.8	725.9	724.0
75°	701.1	701.1	696.7	695.4	693.5
75.5°	670.1	670.1	665.6	664.3	662.4
76°	639.0	639.0	634.5	633.3	630.8
76.5°	607.6	607.8	604.1	602.7	600.6
77°	577.5	577.7	574.4	572.7	570.6
77.5°	545.3	546.8	544.0	542.5	540.4
78°	515.3	517.2	514.3	513.1	511.4
78.5°	487.0	488.2	486.4	484.9	482.4
79°	457.4	458.3	457.1	455.8	453.4
79.5°	428.2	429.8	428.9	427.8	425.0
80°	400.2	401.3	401.5	399.8	397.2
80.5°	370.7	373.1	373.5	371.8	370.4
81°	343.5	345.7	346.4	345.4	343.6
81.5°	316.8	319.4	319.9	319.4	317.1
82°	289.9	293.1	294.0	293.6	291.1
82.5°	264.3	267.8	268.8	268.5	266.1
83°	239.4	243.3	244.2	244.5	242.4
83.5°	215.4	219.0	220.2	220.6	218.3
84°	192.3	195.6	197.1	197.7	195.7
84.5°	170.3	173.0	174.8	175.6	174.7
85°	149.6	151.5	153.2	154.4	153.0
85.5°	129.6	131.1	132.4	134.1	133.1
86°	110.9	112.4	113.3	114.7	114.7
86.5°	93.1	93.8	94.5	96.2	96.2
87°	76.1	76.2	76.5	78.6	78.6
87.5°	58.8	59.3	59.5	61.4	62.0
88°	41.4	42.9	43.3	45.0	44.9
88.5°	29.3	29.3	29.3	31.0	31.3



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	1.4	1.3	1.4	1.5	1.3
90.5°	0.4	0.4	0.4	0.5	0.4
91°	0.4	0.4	0.4	0.4	0.4
91.5°	0.6	0.4	0.5	0.4	0.3
92°	0.4	0.4	0.4	0.5	0.4
92.5°	0.5	0.4	0.4	0.5	0.4
93°	0.5	0.5	0.5	0.4	0.4
93.5°	0.6	0.4	0.5	0.5	0.6
94°	0.6	0.5	0.6	0.5	0.6
94.5°	0.6	0.6	0.5	0.6	0.6
95°	0.6	0.4	0.6	0.5	0.6
95.5°	0.5	0.6	0.6	0.6	0.6
96°	0.7	0.7	0.6	0.6	0.6
96.5°	0.7	0.6	0.6	0.6	0.6
97°	0.7	0.6	0.7	0.6	0.8
97.5°	0.8	0.6	0.6	0.6	0.8
98°	0.8	0.7	0.7	0.7	0.8
98.5°	0.8	0.7	0.6	0.6	0.8
99°	0.8	0.8	0.7	0.6	0.7
99.5°	0.8	0.6	0.8	0.7	0.7
100°	0.8	0.8	0.8	0.8	0.8
100.5°	0.8	0.8	0.8	0.8	0.8
101°	0.9	0.8	0.8	0.8	0.8
101.5°	1.0	0.8	0.8	0.8	0.9
102°	1.0	0.8	0.9	0.8	0.9
102.5°	0.9	0.8	0.8	0.9	0.9
103°	0.9	0.8	0.9	0.8	0.9
103.5°	1.0	1.0	0.9	0.9	0.8
104°	1.1	1.0	1.0	0.9	0.8
104.5°	1.0	1.0	1.0	1.0	0.9
105°	1.1	1.0	1.0	1.1	1.1
105.5°	1.1	0.9	1.0	1.0	1.0
106°	1.0	1.0	1.1	1.1	1.1
106.5°	1.1	1.0	1.1	1.0	1.0
107°	1.1	1.1	1.1	1.1	1.0
107.5°	1.2	1.1	1.1	1.2	1.1
108°	1.2	1.1	1.0	1.2	1.1
108.5°	1.2	1.2	1.2	1.1	1.1
109°	1.3	1.2	1.2	1.2	1.3
109.5°	1.3	1.1	1.3	1.3	1.1
110°	1.3	1.3	1.3	1.3	1.3
110.5°	1.3	1.3	1.3	1.3	1.4
111°	1.3	1.4	1.4	1.4	1.3



TEST NUMBER: P#

CATALOG NUMBER: 44ID-100-L950-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.5	1.6	1.6	1.6	1.5
113°	1.7	1.5	1.5	1.6	1.6
113.5°	1.7	1.7	1.7	1.8	1.8
114°	1.8	1.8	1.8	1.8	1.8
114.5°	1.9	1.9	1.8	1.8	1.7
115°	1.9	1.9	1.8	1.9	1.8
115.5°	2.1	1.9	2.0	2.0	1.8
116°	2.0	2.1	2.1	2.0	2.0
116.5°	2.2	2.2	2.2	2.2	2.1
117°	2.3	2.3	2.3	2.3	2.0
117.5°	2.4	2.3	2.3	2.3	2.2
118°	2.4	2.3	2.5	2.3	2.2
118.5°	2.6	2.5	2.5	2.4	2.3
119°	2.6	2.6	2.7	2.5	2.5
119.5°	2.7	2.7	2.7	2.6	2.5
120°	2.8	2.8	2.7	2.7	2.7
120.5°	2.9	2.7	2.9	2.8	2.7
121°	2.9	2.9	2.9	2.9	2.7
121.5°	3.2	3.0	3.0	2.9	2.9
122°	3.0	3.2	3.0	3.0	3.0
122.5°	3.2	3.2	3.1	3.1	3.0
123°	3.3	3.3	3.2	3.2	3.1
123.5°	3.3	3.4	3.2	3.1	3.2
124°	3.4	3.4	3.4	3.2	3.2
124.5°	3.6	3.4	3.4	3.3	3.3
125°	3.7	3.6	3.5	3.4	3.4
125.5°	3.7	3.6	3.5	3.4	3.5
126°	3.7	3.6	3.5	3.5	3.4
126.5°	3.6	3.6	3.7	3.5	3.6
127°	3.7	3.7	3.6	3.5	3.4
127.5°	3.8	3.7	3.7	3.5	3.4
128°	3.8	3.6	3.6	3.5	3.6
128.5°	3.7	3.7	3.6	3.4	3.6
129°	3.6	3.6	3.6	3.5	3.4
129.5°	3.6	3.6	3.6	3.5	3.5
130°	3.6	3.6	3.5	3.4	3.4
130.5°	3.7	3.6	3.6	3.2	3.4
131°	3.5	3.5	3.5	3.3	3.4
131.5°	3.6	3.4	3.3	3.2	3.3
132°	3.5	3.4	3.4	3.2	3.2
132.5°	3.5	3.4	3.3	3.2	3.3
133°	3.4	3.2	3.2	3.0	3.2
133.5°	3.4	3.2	3.1	3.0	3.2



TEST NUMBER: P#

CATALOG NUMBER: 44ID-100-L950-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	3.3	3.1	3.0	2.9	3.2
135.5°	3.1	3.2	3.0	2.9	3.0
136°	3.0	3.0	2.9	2.7	3.0
136.5°	3.1	3.0	2.9	2.7	3.0
137°	3.0	2.9	2.9	2.7	2.9
137.5°	3.0	2.9	2.8	2.6	2.8
138°	2.9	2.8	2.7	2.6	2.8
138.5°	3.0	2.8	2.7	2.5	2.7
139°	2.6	2.7	2.7	2.4	2.8
139.5°	2.8	2.6	2.5	2.5	2.7
140°	2.7	2.5	2.6	2.4	2.5
140.5°	2.7	2.5	2.5	2.4	2.5
141°	2.6	2.5	2.5	2.3	2.4
141.5°	2.4	2.5	2.5	2.3	2.4
142°	2.3	2.3	2.5	2.3	2.2
142.5°	2.3	2.5	2.4	2.3	2.2
143°	2.5	2.4	2.4	2.3	2.2
143.5°	2.5	2.4	2.4	2.2	2.2
144°	2.5	2.3	2.5	2.2	2.3
144.5°	2.3	2.3	2.3	2.2	2.3
145°	2.4	2.3	2.3	2.1	2.3
145.5°	2.3	2.2	2.3	2.1	2.4
146°	2.3	2.2	2.2	2.1	2.3
146.5°	2.4	2.2	2.2	2.1	2.3
147°	2.3	2.2	2.1	2.2	2.2
147.5°	2.3	2.2	2.1	2.2	2.3
148°	2.3	2.2	2.2	2.1	2.3
148.5°	2.4	2.3	2.2	2.1	2.3
149°	2.3	2.2	2.2	2.1	2.3
149.5°	2.5	2.2	2.2	2.1	2.4
150°	2.4	2.3	2.2	2.1	2.3
150.5°	2.3	2.2	2.2	2.2	2.3
151°	2.5	2.2	2.1	2.2	2.5
151.5°	2.4	2.3	2.1	2.2	2.5
152°	2.5	2.3	2.2	2.3	2.3
152.5°	2.5	2.3	2.2	2.2	2.5
153°	2.4	2.3	2.2	2.3	2.5
153.5°	2.6	2.3	2.2	2.3	2.5
154°	2.5	2.3	2.3	2.3	2.5
154.5°	2.5	2.3	2.3	2.4	2.5
155°	2.3	2.3	2.3	2.4	2.6
155.5°	2.5	2.3	2.3	2.3	2.5
156°	2.3	2.3	2.3	2.3	2.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-100-L950-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	2.3	2.2	2.3	2.4	2.5
158°	2.5	2.3	2.3	2.3	2.5
158.5°	2.4	2.3	2.2	2.3	2.5
159°	2.5	2.3	2.3	2.3	2.6
159.5°	2.4	2.3	2.3	2.3	2.7
160°	2.4	2.3	2.2	2.3	2.5
160.5°	2.3	2.3	2.3	2.4	2.5
161°	2.3	2.3	2.3	2.4	2.5
161.5°	2.4	2.3	2.3	2.3	2.4
162°	2.3	2.3	2.3	2.4	2.4
162.5°	2.5	2.4	2.3	2.3	2.5
163°	2.5	2.3	2.4	2.4	2.4
163.5°	2.4	2.3	2.4	2.4	2.6
164°	2.3	2.4	2.3	2.5	2.5
164.5°	2.3	2.5	2.4	2.5	2.6
165°	2.3	2.3	2.3	2.5	2.5
165.5°	2.2	2.3	2.3	2.7	2.5
166°	2.4	2.4	2.3	2.5	2.5
166.5°	2.4	2.3	2.3	2.6	2.3
167°	2.3	2.5	2.3	2.7	2.6
167.5°	2.4	2.5	2.4	2.7	2.6
168°	2.5	2.5	2.3	2.7	2.5
168.5°	2.4	2.6	2.5	2.9	2.6
169°	2.6	2.5	2.3	2.9	2.6
169.5°	2.5	2.5	2.4	2.8	2.7
170°	2.6	2.5	2.5	2.9	2.6
170.5°	2.6	2.7	2.5	2.9	2.7
171°	2.6	2.6	2.6	2.9	2.8
171.5°	2.5	2.6	2.6	2.9	2.7
172°	2.5	2.6	2.7	2.9	2.7
172.5°	2.7	2.7	2.7	2.9	2.7
173°	2.5	2.5	2.7	2.9	2.8
173.5°	2.7	2.7	2.8	2.9	2.9
174°	2.8	2.8	3.0	2.9	2.8
174.5°	2.8	2.9	2.9	3.0	2.9
175°	3.0	2.9	3.0	3.0	2.9
175.5°	3.0	2.9	3.1	3.0	3.0
176°	3.1	3.0	3.0	2.9	2.9
176.5°	3.2	3.0	3.0	2.8	2.9
177°	3.0	3.0	2.9	2.8	2.9
177.5°	3.1	3.0	2.8	2.7	3.0
178°	2.9	2.9	2.7	2.7	2.8
178.5°	2.9	2.8	2.7	2.7	2.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-100-L950-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	2.5	2.5	2.5	2.5	2.5



Report Generated By 670246072 / DESKTOP-MV3F9LC





— 0°-180° - - 45°-225° - - - - 90°-270°







21.5°	2607.9	2604.7	2592.0	2580.0	2574.9
22°	2606.6	2603.4	2590.1	2578.1	2573.0



44°	2334.4	2324.9	2305.8	2294.4	2286.8
44.5°	2319.8	2309.7	2291.9	2279.8	2272.2



66.5°	1246.8	1241.8	1232.2	1229.1	1225.9
67°	1215.7	1210.0	1201.1	1198.0	1195.4



89°	18.5	18.2	18.0	19.0	19.2
89.5°	8.2	8.3	8.1	8.7	8.6



111.5°	1.6	1.4	1.5	1.5	1.4
112°	1.6	1.5	1.5	1.5	1.6



134°	3.2	3.2	3.1	3.0	3.2
134.5°	3.3	3.1	3.1	2.9	3.0



156.5°	2.5	2.3	2.3	2.4	2.5
157°	2.4	2.3	2.3	2.3	2.5



179°	2.7	2.7	2.5	2.6	2.7
179.5°	2.4	2.5	2.5	2.4	2.6





TEST NUMBER: P#
 CATALOG NUMBER: 44ID-100-L950-CFR2

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	15.50	17.20	15.87	17.52	17.84	15.42	17.12	15.79	17.44	17.75
	3H	17.36	18.90	17.74	19.23	19.59	17.27	18.82	17.65	19.14	19.51
	4H	18.03	19.48	18.42	19.83	20.21	17.94	19.39	18.34	19.74	20.12
	6H	18.48	19.83	18.89	20.20	20.59	18.40	19.75	18.81	20.12	20.51
	8H	18.61	19.90	19.03	20.29	20.69	18.53	19.82	18.96	20.21	20.61
	12H	18.66	19.89	19.09	20.28	20.71	18.58	19.82	19.01	20.20	20.64
4H	2H	16.16	17.61	16.56	17.96	18.34	16.09	17.55	16.49	17.90	18.27
	3H	18.23	19.45	18.64	19.85	20.25	18.16	19.38	18.57	19.78	20.18
	4H	19.02	20.12	19.45	20.54	20.98	18.95	20.06	19.38	20.47	20.91
	6H	19.59	20.56	20.04	21.00	21.46	19.52	20.50	19.98	20.94	21.39
	8H	19.76	20.67	20.22	21.11	21.58	19.70	20.61	20.16	21.05	21.52
	12H	19.85	20.67	20.33	21.15	21.62	19.80	20.61	20.28	21.09	21.56
8H	4H	19.32	20.23	19.78	20.68	21.14	19.26	20.17	19.72	20.61	21.08
	6H	20.01	20.76	20.50	21.25	21.73	19.95	20.71	20.44	21.19	21.67
	8H	20.24	20.92	20.75	21.42	21.91	20.19	20.86	20.69	21.37	21.86
	12H	20.39	20.99	20.90	21.48	22.04	20.35	20.95	20.85	21.44	22.00
12H	4H	19.36	20.17	19.84	20.65	21.12	19.30	20.11	19.78	20.59	21.06
	6H	20.05	20.74	20.56	21.24	21.73	20.00	20.68	20.51	21.19	21.67
	8H	20.34	20.94	20.84	21.43	21.99	20.29	20.89	20.80	21.38	21.94