

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-110-L950-CFD2**

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-110-L950-CFD2
Description: 11000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS
AND 5000K CCT, 90CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

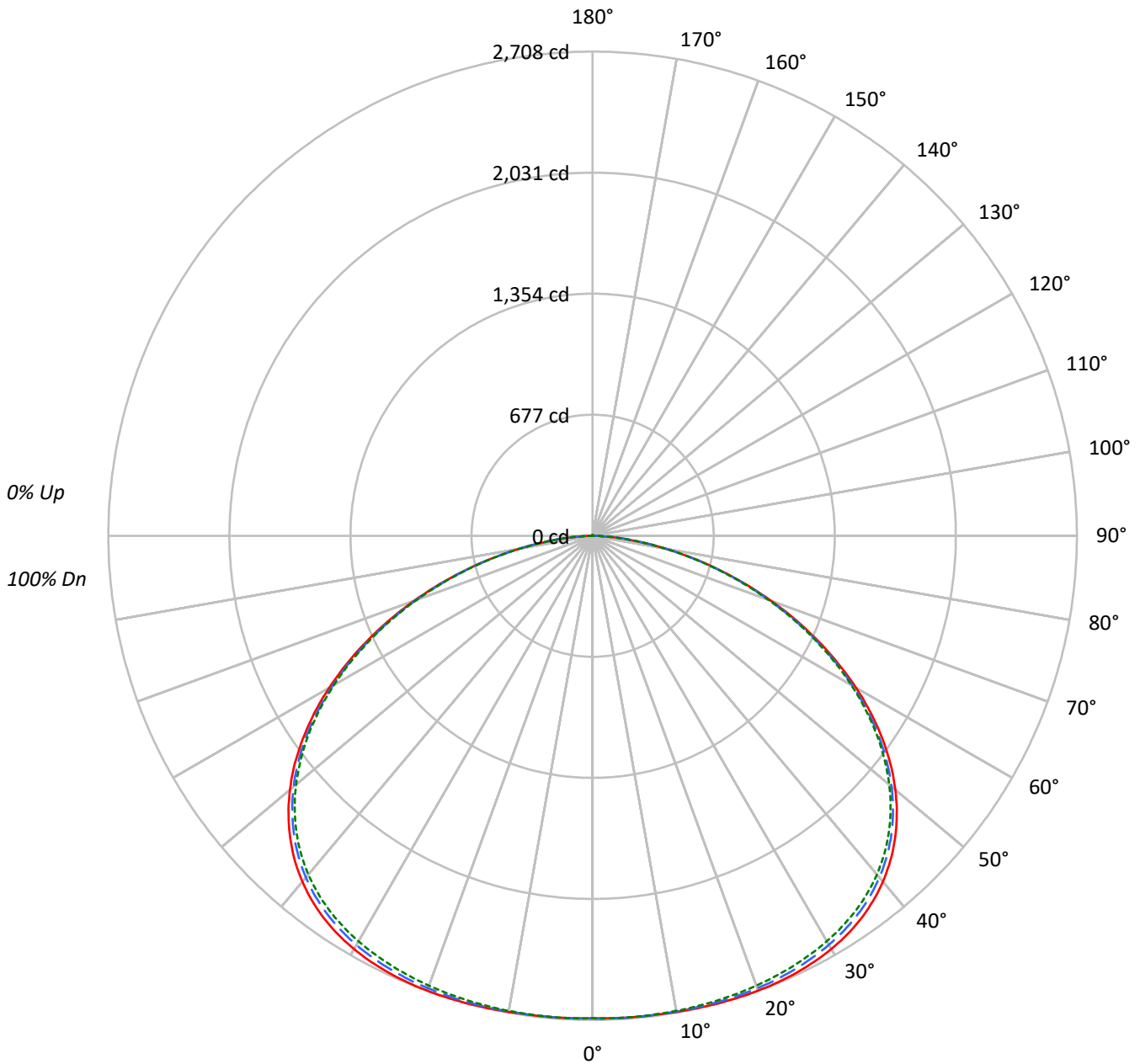
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9774.0 lumens
Efficiency: N/A
Efficacy: 112.9 lumens/watt
Spacing Criteria (0/90/45): 1.48 / 1.45 / 1.57
Luminous Opening: Rectangular w/ Sides (W: 3.88' x L: 3.88' x H: 0.17')
CIE Type: Direct

Input Watts (W): 86.6
Input Voltage (V):
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

TEST NUMBER: P#
CATALOG NUMBER: 44ID-110-L950-CFD2

Luminous Intensity Polar Plot





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CATALOG NUMBER: 44ID-110-L950-CFD2

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20									20									20									20									
RC	80									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°	1927	1927	1927
5°	1929	1926	1929
10°	1946	1938	1941
15°	1979	1964	1967
20°	2025	2001	2003
25°	2083	2050	2050
30°	2147	2104	2106
35°	2212	2161	2167
40°	2271	2212	2225
45°	2315	2248	2268
50°	2335	2260	2287
55°	2319	2237	2274
60°	2261	2171	2220
65°	2152	2056	2117
70°	1982	1879	1951
75°	1730	1626	1711
80°	1373	1274	1363
85°	853	769	873



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L950-CFD2

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	257.9	2.6
10°-20°	765.1	7.8
20°-30°	1236.8	12.7
30°-40°	1619.9	16.6
40°-50°	1822.1	18.6
50°-60°	1743.5	17.8
60°-70°	1359.8	13.9
70°-80°	766.3	7.8
80°-90°	189.6	1.9
90°-100°	0.7	0.0
100°-110°	1.1	0.0
110°-120°	2.0	0.0
120°-130°	3.1	0.0
130°-140°	2.5	0.0
140°-150°	1.5	0.0
150°-160°	1.1	0.0
160°-170°	0.7	0.0
170°-180°	0.3	0.0
0°-30°	2259.7	23.1
0°-40°	3879.6	39.7
0°-60°	7445.3	76.2
0°-90°	9761.1	99.9
90°-120°	3.8	0.0
90°-150°	10.8	0.1
90°-180°	13.0	0.1
0°-180°	9774.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2699	2699	2699	2699	2699	
5°	2702	2703	2702	2702	2701	258
15°	2708	2707	2701	2695	2691	767
25°	2697	2692	2676	2660	2654	1246
35°	2615	2606	2585	2569	2562	1637
45°	2392	2381	2362	2351	2342	1842
55°	1978	1967	1953	1945	1939	1763
65°	1391	1386	1375	1371	1369	1373
75°	728	728	723	722	720	771
85°	155	157	159	160	159	180
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	4	4	3
135°	3	3	3	3	3	3
145°	2	2	2	2	2	2
155°	2	2	2	2	3	1
165°	2	2	2	3	3	1
175°	3	3	3	3	3	0
180°	3	3	3	3	3	



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L950-CFD2

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2699.3	2699.3	2699.3	2699.3	2699.3
0.5°	2698.6	2700.6	2701.3	2700.6	2699.3
1°	2699.3	2700.6	2701.3	2701.3	2700.0
1.5°	2700.0	2701.3	2701.3	2701.3	2700.6
2°	2700.0	2701.3	2701.3	2701.9	2700.6
2.5°	2700.6	2701.9	2701.9	2701.9	2700.6
3°	2701.3	2701.9	2701.9	2701.9	2701.3
3.5°	2701.3	2701.9	2701.9	2701.9	2701.3
4°	2701.9	2701.9	2701.9	2701.9	2701.3
4.5°	2701.9	2702.6	2701.9	2701.9	2701.3
5°	2701.9	2702.6	2701.9	2701.9	2701.3
5.5°	2701.9	2702.6	2701.9	2701.9	2701.3
6°	2702.6	2702.6	2701.9	2701.9	2700.6
6.5°	2702.6	2703.2	2702.6	2701.9	2700.6
7°	2702.6	2703.2	2701.9	2701.9	2700.6
7.5°	2702.6	2703.2	2701.9	2701.3	2700.0
8°	2703.2	2703.2	2702.6	2701.3	2700.0
8.5°	2703.2	2703.9	2701.9	2701.3	2699.3
9°	2703.9	2703.9	2702.6	2700.6	2699.3
9.5°	2703.9	2704.6	2701.9	2700.6	2698.6
10°	2704.6	2704.6	2701.9	2700.0	2698.0
10.5°	2705.2	2705.2	2701.9	2700.0	2698.0
11°	2705.2	2705.2	2701.9	2699.3	2697.3
11.5°	2705.9	2705.9	2701.9	2698.6	2696.7
12°	2705.9	2705.9	2701.9	2698.6	2696.0
12.5°	2706.5	2705.9	2701.3	2698.0	2695.3
13°	2706.5	2705.9	2701.3	2697.3	2694.7
13.5°	2707.2	2706.5	2701.3	2696.7	2694.0
14°	2707.2	2706.5	2701.3	2696.0	2692.7
14.5°	2707.9	2706.5	2700.6	2695.3	2692.1
15°	2707.9	2707.2	2700.6	2694.7	2691.4
15.5°	2708.5	2707.2	2700.0	2693.4	2690.1
16°	2707.9	2707.2	2699.3	2692.7	2688.8
16.5°	2708.5	2707.2	2699.3	2691.4	2687.4
17°	2708.5	2706.5	2698.6	2690.1	2686.8
17.5°	2708.5	2706.5	2697.3	2689.4	2685.5
18°	2708.5	2706.5	2696.7	2688.1	2683.5
18.5°	2708.5	2705.9	2696.0	2686.8	2682.2
19°	2707.9	2705.9	2695.3	2685.5	2680.9
19.5°	2707.9	2705.2	2694.0	2683.5	2678.9
20°	2707.2	2704.6	2692.7	2682.2	2677.6
20.5°	2706.5	2703.9	2692.1	2680.9	2675.6
21°	2706.5	2703.2	2690.7	2678.9	2673.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L950-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	2703.9	2700.0	2686.1	2673.0	2667.0
23°	2702.6	2698.6	2684.2	2671.0	2665.1
23.5°	2701.3	2697.3	2682.2	2668.4	2662.4
24°	2700.0	2696.0	2680.2	2665.7	2659.8
24.5°	2698.6	2694.0	2678.2	2663.1	2657.2
25°	2696.7	2692.1	2675.6	2660.5	2654.5
25.5°	2694.7	2690.1	2673.0	2657.8	2651.2
26°	2692.7	2688.1	2670.3	2655.2	2648.6
26.5°	2690.7	2685.5	2667.7	2651.9	2645.3
27°	2688.1	2682.8	2664.4	2648.6	2642.0
27.5°	2685.5	2680.2	2661.1	2645.3	2638.7
28°	2682.8	2676.9	2657.8	2642.0	2635.4
28.5°	2679.5	2673.6	2654.5	2638.1	2631.5
29°	2676.3	2670.3	2650.6	2634.1	2627.5
29.5°	2673.0	2666.4	2646.6	2630.2	2622.9
30°	2669.0	2662.4	2642.0	2625.6	2618.3
30.5°	2665.1	2658.5	2637.4	2620.9	2614.4
31°	2660.5	2653.9	2632.8	2616.3	2609.1
31.5°	2656.5	2649.3	2627.5	2611.7	2604.5
32°	2651.2	2644.0	2622.9	2606.5	2599.2
32.5°	2646.0	2638.7	2617.0	2600.5	2593.3
33°	2640.7	2632.8	2611.1	2595.3	2587.4
33.5°	2634.8	2626.9	2605.1	2589.3	2581.4
34°	2628.2	2620.3	2598.6	2582.8	2575.5
34.5°	2621.6	2613.7	2592.0	2576.2	2568.9
35°	2615.0	2606.5	2584.7	2568.9	2561.7
35.5°	2607.8	2599.2	2577.5	2561.7	2554.5
36°	2600.5	2591.3	2569.6	2554.5	2546.6
36.5°	2592.0	2583.4	2561.7	2546.6	2539.3
37°	2583.4	2574.9	2553.1	2538.0	2530.8
37.5°	2574.9	2565.6	2544.6	2529.4	2521.5
38°	2565.6	2557.1	2535.4	2520.9	2513.0
38.5°	2556.4	2547.2	2525.5	2511.0	2503.8
39°	2546.6	2536.7	2515.6	2501.8	2493.9
39.5°	2536.0	2526.1	2505.7	2491.3	2484.0
40°	2524.8	2515.6	2494.5	2480.7	2473.5
40.5°	2514.3	2504.4	2483.4	2470.2	2462.3
41°	2502.4	2492.6	2472.2	2458.3	2450.4
41.5°	2489.9	2480.1	2459.7	2446.5	2438.6
42°	2477.4	2467.6	2447.1	2434.6	2426.1
42.5°	2464.3	2454.4	2434.0	2421.5	2413.6
43°	2451.1	2440.6	2420.8	2408.3	2400.4
43.5°	2437.3	2426.7	2407.0	2394.5	2386.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L950-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	2391.8	2381.3	2362.2	2351.0	2342.5
45.5°	2376.0	2364.8	2346.4	2335.2	2327.3
46°	2359.6	2348.4	2330.0	2318.8	2310.9
46.5°	2342.5	2331.3	2313.5	2302.3	2294.4
47°	2324.7	2314.2	2295.7	2285.8	2277.3
47.5°	2306.9	2295.7	2277.9	2268.1	2259.5
48°	2289.1	2277.3	2260.2	2249.6	2241.1
48.5°	2270.0	2258.8	2241.7	2231.9	2224.0
49°	2249.6	2239.1	2222.0	2211.4	2204.2
49.5°	2229.9	2219.3	2202.2	2192.4	2184.5
50°	2209.5	2198.3	2182.5	2172.6	2164.7
50.5°	2188.4	2177.2	2161.4	2151.5	2144.3
51°	2167.3	2156.1	2140.3	2130.5	2122.6
51.5°	2145.0	2133.8	2118.0	2108.7	2101.5
52°	2122.6	2111.4	2095.6	2087.0	2079.8
52.5°	2100.2	2089.0	2073.2	2064.0	2057.4
53°	2075.8	2065.3	2050.8	2042.2	2035.0
53.5°	2051.5	2040.9	2026.4	2017.9	2011.3
54°	2027.1	2016.6	2002.1	1993.5	1987.6
54.5°	2003.4	1992.2	1978.4	1969.8	1963.9
55°	1977.7	1967.2	1953.4	1944.8	1938.9
55.5°	1952.1	1941.5	1927.7	1919.1	1913.9
56°	1925.1	1915.2	1901.4	1894.1	1888.8
56.5°	1898.1	1888.8	1875.0	1867.8	1862.5
57°	1871.7	1861.9	1848.7	1842.1	1836.8
57.5°	1845.4	1834.9	1821.7	1815.1	1809.8
58°	1816.4	1806.6	1794.0	1787.5	1782.9
58.5°	1788.1	1778.9	1765.7	1759.8	1755.2
59°	1759.8	1750.6	1738.1	1732.2	1727.5
59.5°	1730.2	1721.6	1709.1	1703.2	1698.6
60°	1701.2	1692.0	1680.1	1674.9	1670.3
60.5°	1671.6	1663.7	1651.2	1645.9	1641.3
61°	1641.3	1633.4	1621.6	1616.3	1611.7
61.5°	1610.4	1603.8	1591.9	1586.7	1582.7
62°	1580.1	1573.5	1561.6	1557.0	1553.1
62.5°	1549.1	1542.5	1530.7	1526.1	1522.1
63°	1518.2	1511.6	1500.4	1495.8	1491.9
63.5°	1486.6	1480.0	1469.5	1464.9	1460.9
64°	1455.0	1448.4	1437.2	1433.9	1429.3
64.5°	1423.4	1416.8	1405.6	1402.3	1398.4
65°	1391.1	1385.9	1375.3	1371.4	1368.7
65.5°	1359.5	1352.9	1343.1	1339.8	1335.8
66°	1325.9	1320.7	1310.8	1307.5	1304.9



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L950-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	1228.5	1222.6	1214.0	1210.7	1207.4
68°	1194.9	1189.7	1181.1	1178.5	1175.2
68.5°	1161.4	1156.1	1147.5	1145.6	1143.6
69°	1127.8	1122.5	1115.3	1113.3	1110.7
69.5°	1094.9	1089.6	1083.0	1081.0	1077.7
70°	1061.3	1056.7	1050.1	1048.1	1044.8
70.5°	1027.7	1023.1	1017.2	1015.2	1011.9
71°	994.1	990.2	984.9	982.3	979.0
71.5°	961.2	957.3	951.3	949.4	946.7
72°	927.6	924.3	918.4	917.1	913.8
72.5°	894.1	891.4	885.5	884.2	881.6
73°	860.5	857.8	851.9	850.6	848.6
73.5°	827.6	824.9	819.7	817.7	815.7
74°	794.6	792.7	787.4	786.1	783.5
74.5°	761.1	759.8	755.1	753.2	751.2
75°	727.5	727.5	722.9	721.6	719.6
75.5°	695.2	695.2	690.6	689.3	687.3
76°	663.0	663.0	658.4	657.1	654.5
76.5°	630.4	630.6	626.8	625.4	623.2
77°	599.2	599.4	596.0	594.2	592.0
77.5°	565.8	567.4	564.5	562.9	560.7
78°	534.7	536.6	533.7	532.4	530.6
78.5°	505.3	506.5	504.6	503.1	500.6
79°	474.5	475.5	474.3	473.0	470.5
79.5°	444.3	445.9	445.1	443.9	441.0
80°	415.2	416.4	416.6	414.8	412.1
80.5°	384.7	387.1	387.5	385.7	384.4
81°	356.4	358.7	359.4	358.3	356.5
81.5°	328.7	331.4	331.9	331.4	329.0
82°	300.8	304.1	305.1	304.6	302.0
82.5°	274.2	277.9	278.9	278.6	276.1
83°	248.4	252.4	253.4	253.7	251.5
83.5°	223.4	227.3	228.5	228.9	226.5
84°	199.5	202.9	204.5	205.1	203.1
84.5°	176.7	179.5	181.4	182.2	181.2
85°	155.2	157.2	159.0	160.2	158.8
85.5°	134.4	136.0	137.3	139.2	138.1
86°	115.1	116.7	117.6	119.0	119.0
86.5°	96.6	97.4	98.1	99.8	99.8
87°	79.0	79.1	79.3	81.5	81.6
87.5°	61.0	61.5	61.8	63.7	64.3
88°	43.0	44.5	44.9	46.7	46.5
88.5°	30.4	30.4	30.4	32.1	32.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L950-CFD2

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L950-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.6	1.6	1.7	1.6	1.5
113°	1.8	1.6	1.6	1.6	1.6
113.5°	1.8	1.8	1.8	1.8	1.8
114°	1.8	1.8	1.9	1.9	1.8
114.5°	2.0	2.0	1.9	1.9	1.8
115°	2.0	2.0	1.9	2.0	1.9
115.5°	2.2	2.0	2.1	2.0	1.9
116°	2.1	2.2	2.2	2.1	2.0
116.5°	2.2	2.2	2.2	2.2	2.2
117°	2.4	2.4	2.4	2.4	2.1
117.5°	2.5	2.4	2.4	2.4	2.2
118°	2.5	2.4	2.6	2.4	2.3
118.5°	2.7	2.6	2.6	2.5	2.4
119°	2.7	2.7	2.8	2.6	2.6
119.5°	2.8	2.8	2.8	2.7	2.6
120°	2.9	2.9	2.8	2.8	2.8
120.5°	3.0	2.8	3.0	2.9	2.8
121°	3.0	3.0	3.0	3.0	2.8
121.5°	3.3	3.2	3.1	3.0	3.0
122°	3.1	3.3	3.2	3.1	3.2
122.5°	3.4	3.3	3.2	3.2	3.1
123°	3.4	3.4	3.3	3.3	3.2
123.5°	3.4	3.6	3.4	3.2	3.4
124°	3.5	3.6	3.5	3.4	3.4
124.5°	3.7	3.6	3.5	3.4	3.4
125°	3.8	3.7	3.6	3.6	3.6
125.5°	3.8	3.8	3.6	3.6	3.6
126°	3.8	3.7	3.6	3.6	3.6
126.5°	3.7	3.8	3.8	3.6	3.7
127°	3.8	3.8	3.7	3.6	3.6
127.5°	4.0	3.9	3.8	3.6	3.6
128°	4.0	3.8	3.8	3.6	3.7
128.5°	3.8	3.8	3.7	3.6	3.7
129°	3.8	3.8	3.7	3.6	3.6
129.5°	3.7	3.8	3.7	3.6	3.6
130°	3.7	3.8	3.6	3.5	3.6
130.5°	3.8	3.7	3.7	3.4	3.6
131°	3.6	3.6	3.6	3.4	3.5
131.5°	3.7	3.6	3.4	3.4	3.4
132°	3.6	3.5	3.5	3.4	3.4
132.5°	3.6	3.5	3.4	3.4	3.4
133°	3.5	3.4	3.4	3.2	3.3
133.5°	3.6	3.4	3.2	3.1	3.3



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L950-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	3.4	3.2	3.1	3.0	3.3
135.5°	3.2	3.3	3.1	3.0	3.2
136°	3.2	3.1	3.0	2.8	3.2
136.5°	3.2	3.1	3.0	2.8	3.1
137°	3.2	3.0	3.0	2.8	3.0
137.5°	3.1	3.0	2.9	2.7	2.9
138°	3.0	2.9	2.8	2.7	2.9
138.5°	3.1	2.9	2.8	2.6	2.8
139°	2.7	2.8	2.8	2.5	2.9
139.5°	2.9	2.7	2.6	2.6	2.8
140°	2.8	2.6	2.7	2.5	2.6
140.5°	2.8	2.6	2.6	2.5	2.6
141°	2.7	2.6	2.6	2.4	2.5
141.5°	2.5	2.6	2.6	2.4	2.5
142°	2.4	2.4	2.6	2.4	2.3
142.5°	2.4	2.6	2.5	2.4	2.3
143°	2.6	2.5	2.5	2.4	2.3
143.5°	2.6	2.5	2.5	2.3	2.3
144°	2.6	2.4	2.6	2.2	2.4
144.5°	2.4	2.4	2.4	2.3	2.4
145°	2.5	2.4	2.4	2.2	2.4
145.5°	2.4	2.3	2.4	2.2	2.5
146°	2.4	2.3	2.2	2.2	2.4
146.5°	2.5	2.3	2.2	2.2	2.4
147°	2.4	2.3	2.2	2.2	2.2
147.5°	2.4	2.3	2.2	2.2	2.4
148°	2.4	2.3	2.2	2.2	2.4
148.5°	2.5	2.4	2.2	2.2	2.4
149°	2.4	2.3	2.2	2.2	2.4
149.5°	2.6	2.2	2.2	2.2	2.5
150°	2.5	2.4	2.2	2.2	2.4
150.5°	2.4	2.3	2.2	2.2	2.4
151°	2.6	2.3	2.2	2.2	2.6
151.5°	2.5	2.4	2.2	2.2	2.6
152°	2.6	2.4	2.3	2.4	2.4
152.5°	2.6	2.4	2.2	2.3	2.6
153°	2.5	2.4	2.3	2.4	2.6
153.5°	2.7	2.4	2.2	2.4	2.6
154°	2.6	2.4	2.4	2.4	2.6
154.5°	2.6	2.4	2.4	2.5	2.6
155°	2.4	2.4	2.4	2.5	2.7
155.5°	2.6	2.4	2.4	2.4	2.6
156°	2.4	2.4	2.4	2.4	2.6



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L950-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	2.4	2.3	2.4	2.5	2.6
158°	2.6	2.4	2.4	2.4	2.6
158.5°	2.5	2.4	2.3	2.4	2.6
159°	2.6	2.4	2.4	2.4	2.7
159.5°	2.5	2.4	2.4	2.4	2.8
160°	2.5	2.4	2.3	2.4	2.6
160.5°	2.4	2.4	2.4	2.5	2.6
161°	2.4	2.4	2.4	2.5	2.6
161.5°	2.5	2.4	2.4	2.4	2.5
162°	2.4	2.4	2.4	2.5	2.5
162.5°	2.6	2.5	2.4	2.4	2.6
163°	2.6	2.4	2.5	2.5	2.5
163.5°	2.5	2.4	2.5	2.5	2.7
164°	2.4	2.5	2.4	2.6	2.6
164.5°	2.4	2.6	2.5	2.6	2.7
165°	2.4	2.4	2.4	2.6	2.6
165.5°	2.3	2.4	2.4	2.8	2.6
166°	2.5	2.5	2.4	2.6	2.6
166.5°	2.5	2.4	2.4	2.7	2.4
167°	2.4	2.6	2.4	2.8	2.7
167.5°	2.5	2.6	2.5	2.8	2.7
168°	2.6	2.6	2.4	2.8	2.6
168.5°	2.5	2.7	2.6	3.0	2.7
169°	2.7	2.6	2.4	3.0	2.7
169.5°	2.6	2.6	2.5	2.9	2.8
170°	2.7	2.6	2.6	3.0	2.7
170.5°	2.7	2.8	2.6	3.0	2.8
171°	2.7	2.7	2.7	3.0	2.9
171.5°	2.6	2.7	2.7	3.0	2.8
172°	2.6	2.7	2.8	3.0	2.8
172.5°	2.8	2.8	2.8	3.0	2.8
173°	2.6	2.6	2.8	3.0	2.9
173.5°	2.8	2.8	2.9	3.0	3.0
174°	2.9	2.9	3.1	3.0	2.9
174.5°	2.9	3.0	3.0	3.2	3.0
175°	3.1	3.0	3.1	3.2	3.0
175.5°	3.1	3.0	3.2	3.1	3.1
176°	3.2	3.2	3.1	3.0	3.0
176.5°	3.3	3.1	3.2	2.9	3.0
177°	3.2	3.1	3.0	2.9	3.0
177.5°	3.2	3.1	2.9	2.8	3.1
178°	3.0	3.0	2.8	2.8	2.9
178.5°	3.0	2.9	2.8	2.8	2.8



TEST NUMBER: P#

CATALOG NUMBER: 44ID-110-L950-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	2.6	2.6	2.6	2.6	2.6



Report Generated By 670246072 / DESKTOP-MV3F9LC





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







21.5°	2705.9	2702.6	2689.4	2676.9	2671.6
22°	2704.6	2701.3	2687.4	2674.9	2669.7



44°	2422.1	2412.2	2392.5	2380.6	2372.7
44.5°	2407.0	2396.4	2378.0	2365.5	2357.6



66.5°	1293.7	1288.4	1278.5	1275.3	1272.0
67°	1261.4	1255.5	1246.3	1243.0	1240.4



89°	19.2	18.9	18.7	19.7	19.9
89.5°	8.5	8.6	8.4	9.0	8.9



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



134°	3.4	3.3	3.2	3.2	3.4
134.5°	3.4	3.2	3.2	3.0	3.2



156.5°	2.6	2.4	2.4	2.5	2.6
157°	2.5	2.4	2.4	2.4	2.6



179°	2.8	2.8	2.6	2.7	2.8
179.5°	2.5	2.6	2.6	2.5	2.7





TEST NUMBER: P#
 CATALOG NUMBER: 44ID-110-L950-CFD2

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	15.35	17.05	15.71	17.36	17.68	15.26	16.96	15.63	17.28	17.59
	3H	17.14	18.68	17.52	19.01	19.38	17.06	18.60	17.44	18.93	19.29
	4H	17.77	19.23	18.17	19.57	19.95	17.69	19.14	18.09	19.49	19.87
	6H	18.18	19.53	18.59	19.90	20.29	18.10	19.45	18.51	19.82	20.21
	8H	18.29	19.58	18.71	19.97	20.37	18.21	19.50	18.64	19.89	20.29
	12H	18.32	19.56	18.75	19.94	20.37	18.25	19.48	18.68	19.87	20.30
4H	2H	15.97	17.43	16.37	17.78	18.15	15.91	17.36	16.30	17.71	18.09
	3H	17.97	19.20	18.38	19.59	20.00	17.90	19.13	18.32	19.53	19.93
	4H	18.72	19.82	19.15	20.24	20.68	18.65	19.76	19.08	20.17	20.61
	6H	19.24	20.21	19.69	20.65	21.11	19.17	20.14	19.63	20.58	21.04
	8H	19.38	20.29	19.84	20.73	21.20	19.32	20.23	19.78	20.67	21.14
	12H	19.45	20.27	19.93	20.74	21.21	19.39	20.21	19.87	20.69	21.16
8H	4H	18.99	19.90	19.45	20.35	20.81	18.93	19.84	19.39	20.28	20.75
	6H	19.61	20.37	20.10	20.85	21.33	19.55	20.31	20.04	20.79	21.27
	8H	19.80	20.48	20.31	20.99	21.47	19.75	20.43	20.26	20.93	21.42
	12H	19.92	20.52	20.42	21.01	21.57	19.87	20.47	20.38	20.96	21.52
12H	4H	19.02	19.84	19.50	20.31	20.79	18.96	19.78	19.44	20.25	20.72
	6H	19.64	20.32	20.15	20.83	21.32	19.59	20.27	20.09	20.77	21.26
	8H	19.88	20.48	20.39	20.97	21.53	19.83	20.43	20.34	20.92	21.48