

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-120-L930-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-120-L930-CFD2
Description: 12000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS
AND 3000K CCT, 90CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

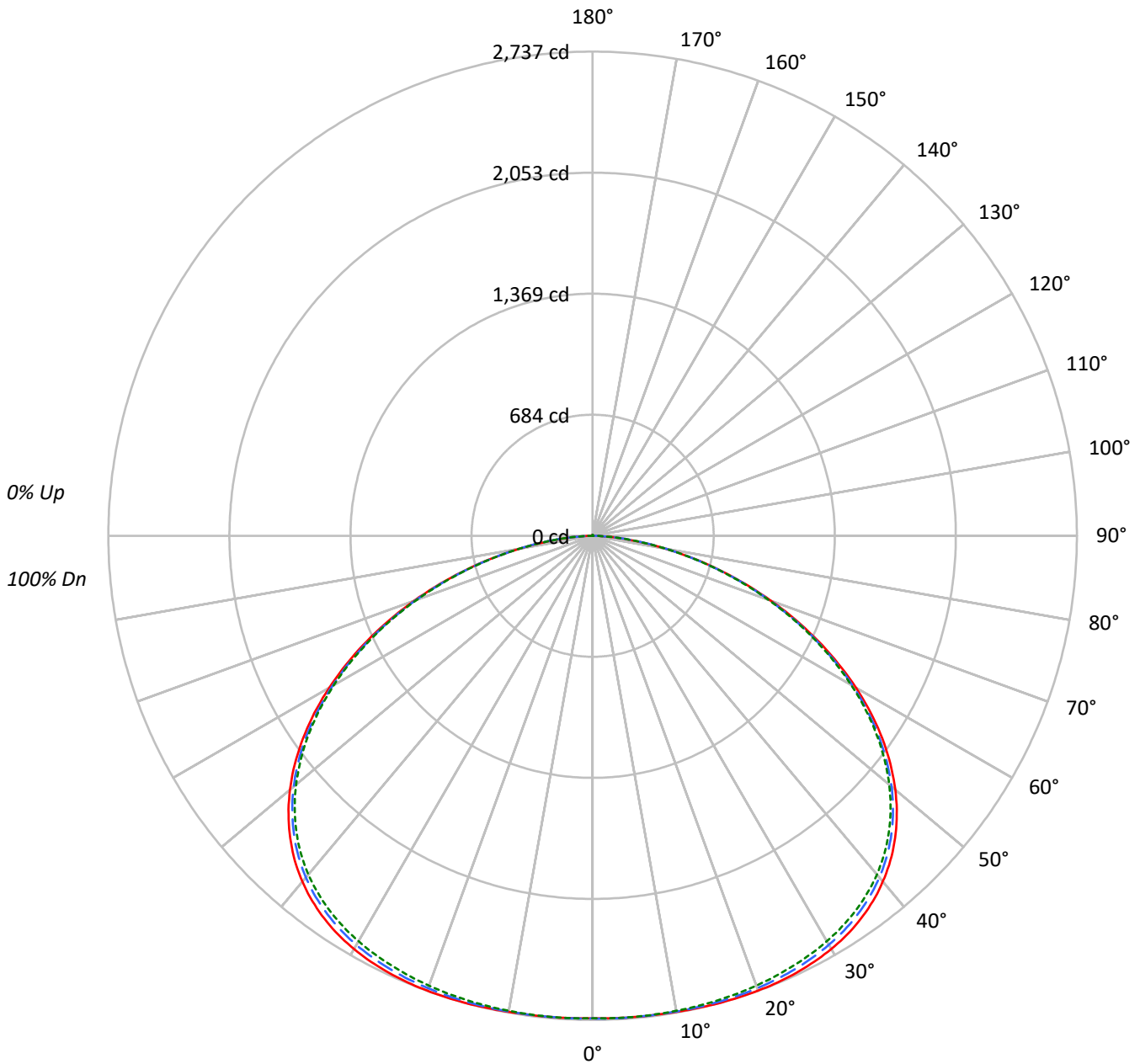
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9878.0 lumens
Efficiency: N/A
Efficacy: 103.3 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): 95.6
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-120-L930-CFD2

Luminous Intensity Polar Plot





TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L930-CFD2

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°	1948	1948	1948
5°	1950	1947	1949
10°	1967	1959	1962
15°	2000	1985	1987
20°	2047	2023	2024
25°	2105	2071	2072
30°	2170	2127	2129
35°	2236	2184	2190
40°	2295	2236	2249
45°	2340	2272	2292
50°	2359	2284	2311
55°	2344	2261	2298
60°	2285	2194	2243
65°	2175	2078	2140
70°	2003	1899	1971
75°	1748	1643	1729
80°	1387	1288	1377
85°	862	777	882



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L930-CFD2

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	260.7	2.6
10°-20°	773.2	7.8
20°-30°	1249.9	12.7
30°-40°	1637.1	16.6
40°-50°	1841.5	18.6
50°-60°	1762.1	17.8
60°-70°	1374.3	13.9
70°-80°	774.5	7.8
80°-90°	191.6	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°	2283.8	23.1
0°-40°	3920.9	39.7
0°-60°	7524.5	76.2
0°-90°	9864.9	99.9
90°-120°	3.8	0.0
90°-150°	11.0	0.1
90°-180°	13.0	0.1
0°-180°	9878.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2728	2728	2728	2728	2728	
5°	2731	2731	2731	2731	2730	261
15°	2737	2736	2729	2723	2720	776
25°	2725	2721	2704	2689	2683	1260
35°	2643	2634	2612	2596	2589	1655
45°	2417	2407	2387	2376	2367	1862
55°	1999	1988	1974	1966	1960	1782
65°	1406	1401	1390	1386	1383	1388
75°	735	735	731	729	727	779
85°	157	159	161	162	160	182
90°	2	1	2	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°	4	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-120-L930-CFD2

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2728.0	2728.0	2728.0	2728.0	2728.0
0.5°	2727.4	2729.3	2730.0	2729.3	2728.0
1°	2728.0	2729.3	2730.0	2730.0	2728.7
1.5°	2728.7	2730.0	2730.0	2730.0	2729.3
2°	2728.7	2730.0	2730.0	2730.7	2729.3
2.5°	2729.3	2730.7	2730.7	2730.7	2729.3
3°	2730.0	2730.7	2730.7	2730.7	2730.0
3.5°	2730.0	2730.7	2730.7	2730.7	2730.0
4°	2730.7	2730.7	2730.7	2730.7	2730.0
4.5°	2730.7	2731.3	2730.7	2730.7	2730.0
5°	2730.7	2731.3	2730.7	2730.7	2730.0
5.5°	2730.7	2731.3	2730.7	2730.7	2730.0
6°	2731.3	2731.3	2730.7	2730.7	2729.3
6.5°	2731.3	2732.0	2731.3	2730.7	2729.3
7°	2731.3	2732.0	2730.7	2730.7	2729.3
7.5°	2731.3	2732.0	2730.7	2730.0	2728.7
8°	2732.0	2732.0	2731.3	2730.0	2728.7
8.5°	2732.0	2732.7	2730.7	2730.0	2728.0
9°	2732.7	2732.7	2731.3	2729.3	2728.0
9.5°	2732.7	2733.3	2730.7	2729.3	2727.4
10°	2733.3	2733.3	2730.7	2728.7	2726.7
10.5°	2734.0	2734.0	2730.7	2728.7	2726.7
11°	2734.0	2734.0	2730.7	2728.0	2726.0
11.5°	2734.7	2734.7	2730.7	2727.4	2725.4
12°	2734.7	2734.7	2730.7	2727.4	2724.7
12.5°	2735.3	2734.7	2730.0	2726.7	2724.0
13°	2735.3	2734.7	2730.0	2726.0	2723.4
13.5°	2736.0	2735.3	2730.0	2725.4	2722.7
14°	2736.0	2735.3	2730.0	2724.7	2721.4
14.5°	2736.7	2735.3	2729.3	2724.0	2720.7
15°	2736.7	2736.0	2729.3	2723.4	2720.0
15.5°	2737.3	2736.0	2728.7	2722.0	2718.7
16°	2736.7	2736.0	2728.0	2721.4	2717.4
16.5°	2737.3	2736.0	2728.0	2720.0	2716.0
17°	2737.3	2735.3	2727.4	2718.7	2715.4
17.5°	2737.3	2735.3	2726.0	2718.0	2714.0
18°	2737.3	2735.3	2725.4	2716.7	2712.0
18.5°	2737.3	2734.7	2724.7	2715.4	2710.7
19°	2736.7	2734.7	2724.0	2714.0	2709.4
19.5°	2736.7	2734.0	2722.7	2712.0	2707.4
20°	2736.0	2733.3	2721.4	2710.7	2706.1
20.5°	2735.3	2732.7	2720.7	2709.4	2704.1
21°	2735.3	2732.0	2719.4	2707.4	2702.1



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L930-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	2732.7	2728.7	2714.7	2701.4	2695.4
23°	2731.3	2727.4	2712.7	2699.4	2693.4
23.5°	2730.0	2726.0	2710.7	2696.7	2690.8
24°	2728.7	2724.7	2708.7	2694.1	2688.1
24.5°	2727.4	2722.7	2706.7	2691.4	2685.4
25°	2725.4	2720.7	2704.1	2688.8	2682.8
25.5°	2723.4	2718.7	2701.4	2686.1	2679.4
26°	2721.4	2716.7	2698.7	2683.4	2676.8
26.5°	2719.4	2714.0	2696.1	2680.1	2673.5
27°	2716.7	2711.4	2692.8	2676.8	2670.1
27.5°	2714.0	2708.7	2689.4	2673.5	2666.8
28°	2711.4	2705.4	2686.1	2670.1	2663.5
28.5°	2708.1	2702.1	2682.8	2666.1	2659.5
29°	2704.7	2698.7	2678.8	2662.1	2655.5
29.5°	2701.4	2694.7	2674.8	2658.2	2650.8
30°	2697.4	2690.8	2670.1	2653.5	2646.2
30.5°	2693.4	2686.8	2665.5	2648.8	2642.2
31°	2688.8	2682.1	2660.8	2644.2	2636.9
31.5°	2684.8	2677.4	2655.5	2639.5	2632.2
32°	2679.4	2672.1	2650.8	2634.2	2626.9
32.5°	2674.1	2666.8	2644.8	2628.2	2620.9
33°	2668.8	2660.8	2638.9	2622.9	2614.9
33.5°	2662.8	2654.8	2632.9	2616.9	2608.9
34°	2656.2	2648.2	2626.2	2610.2	2602.9
34.5°	2649.5	2641.5	2619.6	2603.6	2596.3
35°	2642.8	2634.2	2612.2	2596.3	2589.0
35.5°	2635.5	2626.9	2604.9	2589.0	2581.6
36°	2628.2	2618.9	2596.9	2581.6	2573.7
36.5°	2619.6	2610.9	2589.0	2573.7	2566.3
37°	2610.9	2602.3	2580.3	2565.0	2557.7
37.5°	2602.3	2592.9	2571.7	2556.4	2548.4
38°	2592.9	2584.3	2562.3	2547.7	2539.7
38.5°	2583.6	2574.3	2552.4	2537.7	2530.4
39°	2573.7	2563.7	2542.4	2528.4	2520.4
39.5°	2563.0	2553.0	2532.4	2517.8	2510.4
40°	2551.7	2542.4	2521.1	2507.1	2499.8
40.5°	2541.0	2531.1	2509.8	2496.5	2488.5
41°	2529.1	2519.1	2498.5	2484.5	2476.5
41.5°	2516.4	2506.4	2485.8	2472.5	2464.5
42°	2503.8	2493.8	2473.2	2460.5	2451.9
42.5°	2490.5	2480.5	2459.9	2447.2	2439.2
43°	2477.2	2466.5	2446.6	2433.9	2425.9
43.5°	2463.2	2452.6	2432.6	2420.0	2412.0



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L930-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	2417.3	2406.6	2387.3	2376.0	2367.4
45.5°	2401.3	2390.0	2371.4	2360.1	2352.1
46°	2384.7	2373.4	2354.7	2343.4	2335.4
46.5°	2367.4	2356.1	2338.1	2326.8	2318.8
47°	2349.4	2338.8	2320.1	2310.2	2301.5
47.5°	2331.5	2320.1	2302.2	2292.2	2283.5
48°	2313.5	2301.5	2284.2	2273.6	2264.9
48.5°	2294.2	2282.9	2265.6	2255.6	2247.6
49°	2273.6	2262.9	2245.6	2235.0	2227.7
49.5°	2253.6	2243.0	2225.7	2215.7	2207.7
50°	2233.0	2221.7	2205.7	2195.7	2187.7
50.5°	2211.7	2200.4	2184.4	2174.4	2167.1
51°	2190.4	2179.1	2163.1	2153.1	2145.2
51.5°	2167.8	2156.5	2140.5	2131.2	2123.9
52°	2145.2	2133.8	2117.9	2109.2	2101.9
52.5°	2122.5	2111.2	2095.2	2085.9	2079.3
53°	2097.9	2087.3	2072.6	2064.0	2056.7
53.5°	2073.3	2062.6	2048.0	2039.4	2032.7
54°	2048.7	2038.0	2023.4	2014.7	2008.8
54.5°	2024.7	2013.4	1999.4	1990.8	1984.8
55°	1998.8	1988.1	1974.2	1965.5	1959.5
55.5°	1972.8	1962.2	1948.2	1939.6	1934.2
56°	1945.5	1935.6	1921.6	1914.3	1908.9
56.5°	1918.3	1908.9	1895.0	1887.7	1882.3
57°	1891.6	1881.7	1868.4	1861.7	1856.4
57.5°	1865.0	1854.4	1841.1	1834.4	1829.1
58°	1835.8	1825.8	1813.1	1806.5	1801.8
58.5°	1807.1	1797.8	1784.5	1778.5	1773.9
59°	1778.5	1769.2	1756.6	1750.6	1745.9
59.5°	1748.6	1739.9	1727.3	1721.3	1716.7
60°	1719.3	1710.0	1698.0	1692.7	1688.0
60.5°	1689.4	1681.4	1668.7	1663.4	1658.8
61°	1658.8	1650.8	1638.8	1633.5	1628.8
61.5°	1627.5	1620.8	1608.9	1603.5	1599.5
62°	1596.9	1590.2	1578.3	1573.6	1569.6
62.5°	1565.6	1559.0	1547.0	1542.3	1538.3
63°	1534.3	1527.7	1516.4	1511.7	1507.7
63.5°	1502.4	1495.8	1485.1	1480.4	1476.5
64°	1470.5	1463.8	1452.5	1449.2	1444.5
64.5°	1438.5	1431.9	1420.6	1417.2	1413.2
65°	1405.9	1400.6	1390.0	1386.0	1383.3
65.5°	1374.0	1367.3	1357.4	1354.0	1350.0
66°	1340.1	1334.7	1324.8	1321.4	1318.8



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L930-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	1241.6	1235.6	1226.9	1223.6	1220.3
68°	1207.6	1202.3	1193.7	1191.0	1187.7
68.5°	1173.7	1168.4	1159.7	1157.7	1155.7
69°	1139.8	1134.5	1127.1	1125.1	1122.5
69.5°	1106.5	1101.2	1094.5	1092.5	1089.2
70°	1072.6	1067.9	1061.3	1059.3	1055.9
70.5°	1038.6	1034.0	1028.0	1026.0	1022.7
71°	1004.7	1000.7	995.4	992.7	989.4
71.5°	971.4	967.4	961.5	959.5	956.8
72°	937.5	934.2	928.2	926.9	923.5
72.5°	903.6	900.9	894.9	893.6	890.9
73°	869.6	867.0	861.0	859.7	857.7
73.5°	836.4	833.7	828.4	826.4	824.4
74°	803.1	801.1	795.8	794.5	791.8
74.5°	769.2	767.8	763.2	761.2	759.2
75°	735.2	735.2	730.6	729.2	727.2
75.5°	702.6	702.6	698.0	696.6	694.6
76°	670.0	670.0	665.4	664.1	661.4
76.5°	637.1	637.4	633.4	632.0	629.8
77°	605.6	605.8	602.3	600.5	598.3
77.5°	571.8	573.4	570.5	568.9	566.7
78°	540.3	542.3	539.3	538.1	536.2
78.5°	510.7	511.9	510.0	508.5	505.9
79°	479.6	480.6	479.3	478.0	475.5
79.5°	449.0	450.7	449.8	448.6	445.7
80°	419.6	420.8	421.0	419.2	416.5
80.5°	388.8	391.2	391.6	389.8	388.4
81°	360.2	362.6	363.2	362.2	360.3
81.5°	332.2	334.9	335.5	334.9	332.5
82°	304.0	307.3	308.3	307.9	305.2
82.5°	277.1	280.9	281.9	281.5	279.1
83°	251.0	255.1	256.1	256.4	254.2
83.5°	225.8	229.7	230.9	231.3	228.9
84°	201.6	205.1	206.7	207.3	205.3
84.5°	178.6	181.4	183.3	184.2	183.2
85°	156.9	158.9	160.7	161.9	160.5
85.5°	135.9	137.5	138.8	140.7	139.5
86°	116.3	117.9	118.8	120.3	120.3
86.5°	97.7	98.4	99.1	100.9	100.9
87°	79.8	79.9	80.2	82.4	82.4
87.5°	61.6	62.1	62.4	64.3	65.0
88°	43.4	45.0	45.4	47.2	47.0
88.5°	30.7	30.7	30.7	32.5	32.9



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L930-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	1.5	1.4	1.5	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	1.5
111°	1.4	1.5	1.5	1.5	1.4



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L930-CFD2

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L930-CFD2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	3.5	3.3	3.1	3.1	3.3
135.5°	3.3	3.3	3.1	3.0	3.2
136°	3.2	3.1	3.0	2.9	3.2
136.5°	3.3	3.1	3.0	2.9	3.1
137°	3.2	3.1	3.0	2.9	3.1
137.5°	3.1	3.0	2.9	2.7	2.9
138°	3.1	2.9	2.8	2.7	2.9
138.5°	3.1	2.9	2.9	2.7	2.9
139°	2.7	2.9	2.8	2.5	2.9
139.5°	2.9	2.7	2.7	2.6	2.9
140°	2.9	2.7	2.7	2.5	2.7
140.5°	2.9	2.7	2.7	2.5	2.7
141°	2.7	2.7	2.6	2.4	2.5
141.5°	2.5	2.7	2.7	2.4	2.5
142°	2.5	2.5	2.6	2.5	2.3
142.5°	2.5	2.6	2.5	2.4	2.3
143°	2.6	2.5	2.5	2.5	2.3
143.5°	2.6	2.5	2.5	2.3	2.3
144°	2.6	2.4	2.6	2.3	2.4
144.5°	2.5	2.4	2.5	2.3	2.4
145°	2.5	2.4	2.5	2.2	2.4
145.5°	2.5	2.3	2.4	2.2	2.5
146°	2.5	2.3	2.3	2.2	2.4
146.5°	2.5	2.3	2.3	2.2	2.4
147°	2.5	2.3	2.2	2.3	2.3
147.5°	2.4	2.3	2.2	2.3	2.5
148°	2.5	2.3	2.3	2.2	2.5
148.5°	2.5	2.4	2.3	2.2	2.5
149°	2.5	2.3	2.3	2.2	2.5
149.5°	2.6	2.3	2.3	2.2	2.5
150°	2.5	2.4	2.3	2.2	2.5
150.5°	2.5	2.3	2.3	2.3	2.5
151°	2.6	2.3	2.2	2.3	2.6
151.5°	2.5	2.4	2.2	2.3	2.6
152°	2.6	2.4	2.3	2.4	2.5
152.5°	2.6	2.5	2.3	2.3	2.6
153°	2.5	2.4	2.3	2.5	2.7
153.5°	2.7	2.5	2.3	2.4	2.6
154°	2.6	2.5	2.4	2.4	2.6
154.5°	2.6	2.4	2.4	2.5	2.7
155°	2.5	2.5	2.5	2.5	2.7
155.5°	2.6	2.4	2.4	2.5	2.7
156°	2.5	2.5	2.5	2.5	2.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L930-CFD2

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-120-L930-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°	2734.7	2731.3	2718.0	2705.4	2700.1
22°	2733.3	2730.0	2716.0	2703.4	2698.1



44°	2447.9	2437.9	2418.0	2406.0	2398.0
44.5°	2432.6	2421.9	2403.3	2390.7	2382.7



66.5°	1307.5	1302.1	1292.1	1288.8	1285.5
67°	1274.8	1268.9	1259.5	1256.2	1253.6



89°	19.4	19.1	18.9	19.9	20.2
89.5°	8.6	8.7	8.5	9.1	9.0



111.5°	1.7	1.5	1.5	1.5	1.5
112°	1.7	1.5	1.5	1.5	1.7



134°	3.4	3.3	3.3	3.2	3.4
134.5°	3.5	3.3	3.3	3.1	3.2



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



179°	2.9	2.8	2.7	2.7	2.9
179.5°	2.5	2.7	2.6	2.5	2.7





TEST NUMBER: P#
 CATALOG NUMBER: 44ID-120-L930-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	15.38	17.08	15.75	17.40	17.72	15.30	17.00	15.66	17.31	17.63
	3H	17.18	18.72	17.56	19.05	19.41	17.10	18.64	17.47	18.96	19.33
	4H	17.81	19.26	18.21	19.61	19.99	17.72	19.18	18.12	19.53	19.90
	6H	18.22	19.57	18.63	19.93	20.33	18.14	19.49	18.55	19.85	20.25
	8H	18.32	19.62	18.75	20.01	20.41	18.25	19.54	18.67	19.93	20.33
	12H	18.36	19.59	18.79	19.98	20.41	18.28	19.52	18.71	19.91	20.34
4H	2H	16.01	17.46	16.41	17.81	18.19	15.94	17.40	16.34	17.75	18.12
	3H	18.01	19.23	18.42	19.63	20.03	17.94	19.16	18.35	19.56	19.97
	4H	18.75	19.86	19.19	20.28	20.71	18.68	19.79	19.12	20.21	20.64
	6H	19.27	20.24	19.73	20.69	21.14	19.21	20.18	19.66	20.62	21.08
	8H	19.42	20.32	19.88	20.77	21.24	19.35	20.26	19.81	20.71	21.17
	12H	19.49	20.30	19.97	20.78	21.25	19.43	20.25	19.91	20.72	21.19
8H	4H	19.03	19.94	19.49	20.38	20.85	18.97	19.88	19.43	20.32	20.79
	6H	19.64	20.40	20.14	20.89	21.37	19.59	20.34	20.08	20.83	21.31
	8H	19.84	20.52	20.35	21.02	21.51	19.78	20.46	20.29	20.97	21.46
	12H	19.95	20.55	20.46	21.05	21.61	19.91	20.51	20.41	21.00	21.56
12H	4H	19.06	19.87	19.54	20.35	20.82	19.00	19.81	19.48	20.29	20.76
	6H	19.68	20.36	20.19	20.87	21.35	19.62	20.30	20.13	20.81	21.30
	8H	19.92	20.52	20.43	21.01	21.57	19.87	20.47	20.37	20.96	21.52