

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-90-L835-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-90-L835-CFD2  
Description: 9000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS  
AND 3500K CCT, 80CRI LEDS  
Light Source: -  
Ballast/Driver:  
Luminaire Equipment: Sample No.   Condition   Description

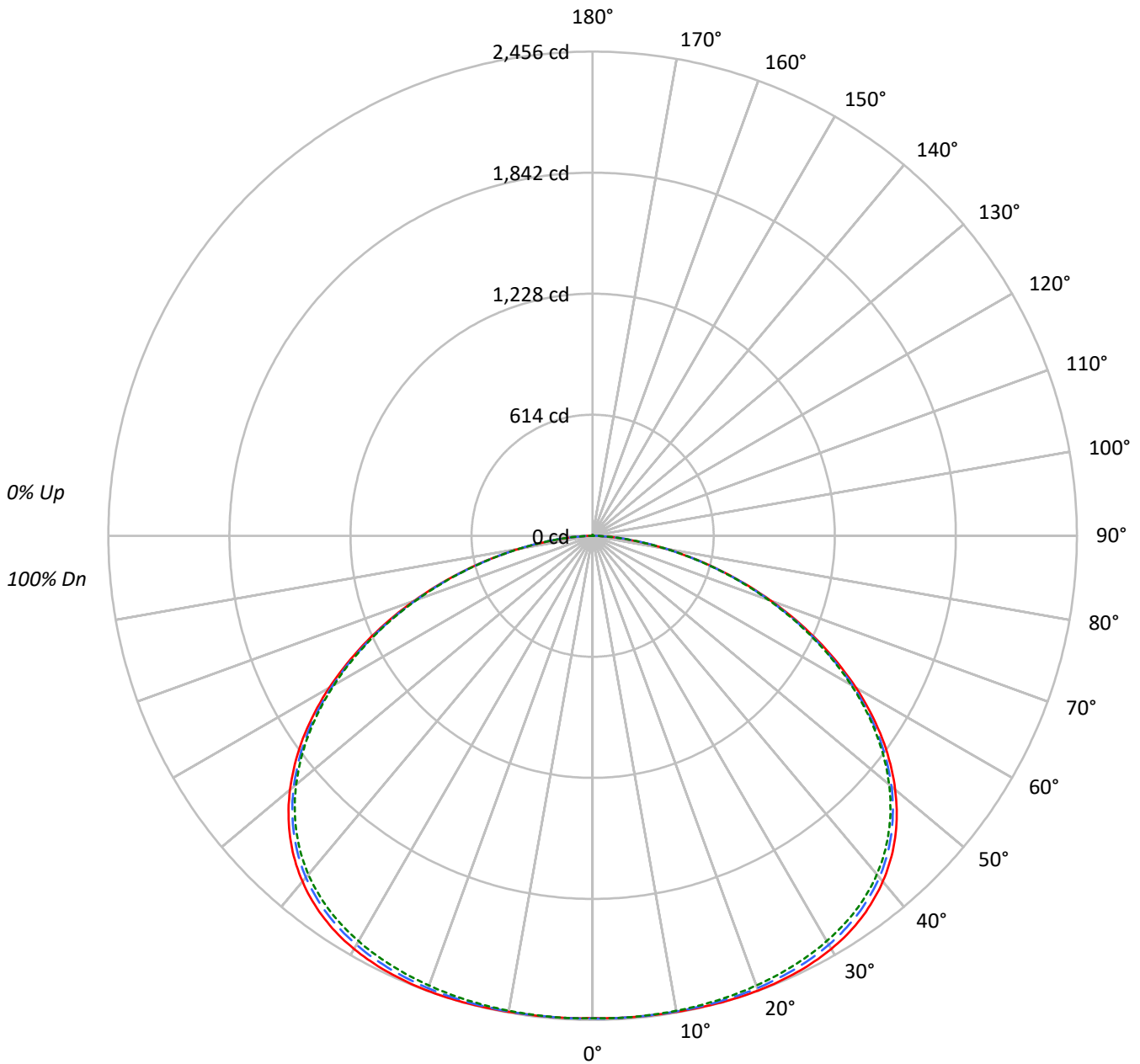
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 8862.0 lumens  
Efficiency: N/A  
Efficacy: 127.7 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): 69.4  
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

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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°	1747	1747	1747
5°	1749	1746	1749
10°	1764	1757	1760
15°	1794	1781	1783
20°	1836	1815	1816
25°	1888	1858	1859
30°	1947	1908	1910
35°	2006	1959	1965
40°	2059	2006	2017
45°	2099	2039	2056
50°	2117	2049	2074
55°	2103	2029	2062
60°	2050	1968	2013
65°	1951	1864	1920
70°	1797	1703	1769
75°	1568	1474	1551
80°	1245	1155	1236
85°	774	697	791



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	233.9	2.6
10°-20°	693.7	7.8
20°-30°	1121.4	12.7
30°-40°	1468.8	16.6
40°-50°	1652.1	18.6
50°-60°	1580.9	17.8
60°-70°	1233.0	13.9
70°-80°	694.8	7.8
80°-90°	171.9	1.9
90°-100°	0.6	0.0
100°-110°	1.0	0.0
110°-120°	1.8	0.0
120°-130°	2.8	0.0
130°-140°	2.2	0.0
140°-150°	1.4	0.0
150°-160°	1.0	0.0
160°-170°	0.6	0.0
170°-180°	0.2	0.0
0°-30°	2048.9	23.1
0°-40°	3517.6	39.7
0°-60°	6750.6	76.2
0°-90°	8850.3	99.9
90°-120°	3.4	0.0
90°-150°	9.8	0.1
90°-180°	12.0	0.1
0°-180°	8862.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2447	2447	2447	2447	2447	
5°	2450	2450	2450	2450	2449	234
15°	2455	2455	2449	2443	2440	696
25°	2445	2441	2426	2412	2407	1130
35°	2371	2363	2344	2329	2323	1484
45°	2169	2159	2142	2132	2124	1671
55°	1793	1784	1771	1763	1758	1598
65°	1261	1256	1247	1243	1241	1245
75°	660	660	655	654	652	699
85°	141	142	144	145	144	163
90°	1	1	1	1	1	7
95°	0	0	0	0	1	1
105°	1	1	1	1	1	1
115°	2	2	2	2	2	2
125°	4	3	3	3	3	3
135°	3	3	3	3	3	2
145°	2	2	2	2	2	1
155°	2	2	2	2	2	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°	2447.4	2447.4	2447.4	2447.4	2447.4
0.5°	2446.8	2448.6	2449.2	2448.6	2447.4
1°	2447.4	2448.6	2449.2	2449.2	2448.0
1.5°	2448.0	2449.2	2449.2	2449.2	2448.6
2°	2448.0	2449.2	2449.2	2449.8	2448.6
2.5°	2448.6	2449.8	2449.8	2449.8	2448.6
3°	2449.2	2449.8	2449.8	2449.8	2449.2
3.5°	2449.2	2449.8	2449.8	2449.8	2449.2
4°	2449.8	2449.8	2449.8	2449.8	2449.2
4.5°	2449.8	2450.4	2449.8	2449.8	2449.2
5°	2449.8	2450.4	2449.8	2449.8	2449.2
5.5°	2449.8	2450.4	2449.8	2449.8	2449.2
6°	2450.4	2450.4	2449.8	2449.8	2448.6
6.5°	2450.4	2451.0	2450.4	2449.8	2448.6
7°	2450.4	2451.0	2449.8	2449.8	2448.6
7.5°	2450.4	2451.0	2449.8	2449.2	2448.0
8°	2451.0	2451.0	2450.4	2449.2	2448.0
8.5°	2451.0	2451.6	2449.8	2449.2	2447.4
9°	2451.6	2451.6	2450.4	2448.6	2447.4
9.5°	2451.6	2452.2	2449.8	2448.6	2446.8
10°	2452.2	2452.2	2449.8	2448.0	2446.2
10.5°	2452.8	2452.8	2449.8	2448.0	2446.2
11°	2452.8	2452.8	2449.8	2447.4	2445.6
11.5°	2453.4	2453.4	2449.8	2446.8	2445.0
12°	2453.4	2453.4	2449.8	2446.8	2444.4
12.5°	2454.0	2453.4	2449.2	2446.2	2443.8
13°	2454.0	2453.4	2449.2	2445.6	2443.2
13.5°	2454.6	2454.0	2449.2	2445.0	2442.7
14°	2454.6	2454.0	2449.2	2444.4	2441.5
14.5°	2455.2	2454.0	2448.6	2443.8	2440.9
15°	2455.2	2454.6	2448.6	2443.2	2440.3
15.5°	2455.8	2454.6	2448.0	2442.1	2439.1
16°	2455.2	2454.6	2447.4	2441.5	2437.9
16.5°	2455.8	2454.6	2447.4	2440.3	2436.7
17°	2455.8	2454.0	2446.8	2439.1	2436.1
17.5°	2455.8	2454.0	2445.6	2438.5	2434.9
18°	2455.8	2454.0	2445.0	2437.3	2433.1
18.5°	2455.8	2453.4	2444.4	2436.1	2431.9
19°	2455.2	2453.4	2443.8	2434.9	2430.7
19.5°	2455.2	2452.8	2442.7	2433.1	2428.9
20°	2454.6	2452.2	2441.5	2431.9	2427.7
20.5°	2454.0	2451.6	2440.9	2430.7	2425.9
21°	2454.0	2451.0	2439.7	2428.9	2424.1



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	2451.6	2448.0	2435.5	2423.5	2418.2
23°	2450.4	2446.8	2433.7	2421.8	2416.4
23.5°	2449.2	2445.6	2431.9	2419.4	2414.0
24°	2448.0	2444.4	2430.1	2417.0	2411.6
24.5°	2446.8	2442.7	2428.3	2414.6	2409.2
25°	2445.0	2440.9	2425.9	2412.2	2406.8
25.5°	2443.2	2439.1	2423.5	2409.8	2403.9
26°	2441.5	2437.3	2421.2	2407.4	2401.5
26.5°	2439.7	2434.9	2418.8	2404.4	2398.5
27°	2437.3	2432.5	2415.8	2401.5	2395.5
27.5°	2434.9	2430.1	2412.8	2398.5	2392.5
28°	2432.5	2427.1	2409.8	2395.5	2389.5
28.5°	2429.5	2424.1	2406.8	2391.9	2385.9
29°	2426.5	2421.2	2403.3	2388.3	2382.4
29.5°	2423.5	2417.6	2399.7	2384.7	2378.2
30°	2420.0	2414.0	2395.5	2380.6	2374.0
30.5°	2416.4	2410.4	2391.3	2376.4	2370.4
31°	2412.2	2406.2	2387.1	2372.2	2365.6
31.5°	2408.6	2402.1	2382.4	2368.0	2361.5
32°	2403.9	2397.3	2378.2	2363.3	2356.7
32.5°	2399.1	2392.5	2372.8	2357.9	2351.3
33°	2394.3	2387.1	2367.4	2353.1	2345.9
33.5°	2388.9	2381.8	2362.1	2347.7	2340.6
34°	2383.0	2375.8	2356.1	2341.8	2335.2
34.5°	2377.0	2369.8	2350.1	2335.8	2329.2
35°	2371.0	2363.3	2343.6	2329.2	2322.7
35.5°	2364.5	2356.7	2337.0	2322.7	2316.1
36°	2357.9	2349.5	2329.8	2316.1	2308.9
36.5°	2350.1	2342.4	2322.7	2308.9	2302.4
37°	2342.4	2334.6	2314.9	2301.2	2294.6
37.5°	2334.6	2326.2	2307.1	2293.4	2286.3
38°	2326.2	2318.5	2298.8	2285.7	2278.5
38.5°	2317.9	2309.5	2289.8	2276.7	2270.1
39°	2308.9	2300.0	2280.9	2268.3	2261.2
39.5°	2299.4	2290.4	2271.9	2258.8	2252.2
40°	2289.2	2280.9	2261.8	2249.2	2242.7
40.5°	2279.7	2270.7	2251.6	2239.7	2232.5
41°	2268.9	2260.0	2241.5	2228.9	2221.8
41.5°	2257.6	2248.6	2230.1	2218.2	2211.0
42°	2246.3	2237.3	2218.8	2207.5	2199.7
42.5°	2234.3	2225.4	2206.9	2195.5	2188.4
43°	2222.4	2212.8	2194.9	2183.6	2176.4
43.5°	2209.8	2200.3	2182.4	2171.0	2163.9



TEST NUMBER: P#

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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	2168.7	2159.1	2141.8	2131.6	2123.9
45.5°	2154.3	2144.2	2127.5	2117.3	2110.2
46°	2139.4	2129.3	2112.5	2102.4	2095.2
46.5°	2123.9	2113.7	2097.6	2087.5	2080.3
47°	2107.8	2098.2	2081.5	2072.6	2064.8
47.5°	2091.7	2081.5	2065.4	2056.4	2048.7
48°	2075.5	2064.8	2049.3	2039.7	2032.0
48.5°	2058.2	2048.1	2032.6	2023.6	2016.4
49°	2039.7	2030.2	2014.7	2005.1	1998.5
49.5°	2021.8	2012.3	1996.7	1987.8	1980.6
50°	2003.3	1993.2	1978.8	1969.9	1962.7
50.5°	1984.2	1974.1	1959.7	1950.8	1944.2
51°	1965.1	1955.0	1940.6	1931.7	1924.5
51.5°	1944.8	1934.7	1920.3	1912.0	1905.4
52°	1924.5	1914.4	1900.0	1892.3	1885.7
52.5°	1904.2	1894.1	1879.7	1871.4	1865.4
53°	1882.1	1872.6	1859.4	1851.7	1845.1
53.5°	1860.0	1850.5	1837.4	1829.6	1823.6
54°	1838.0	1828.4	1815.3	1807.5	1802.1
54.5°	1816.5	1806.3	1793.8	1786.0	1780.7
55°	1793.2	1783.6	1771.1	1763.3	1758.0
55.5°	1769.9	1760.4	1747.8	1740.1	1735.3
56°	1745.4	1736.5	1723.9	1717.4	1712.6
56.5°	1721.0	1712.6	1700.1	1693.5	1688.7
57°	1697.1	1688.1	1676.2	1670.2	1665.4
57.5°	1673.2	1663.7	1651.7	1645.7	1641.0
58°	1646.9	1638.0	1626.6	1620.7	1616.5
58.5°	1621.3	1612.9	1601.0	1595.6	1591.4
59°	1595.6	1587.2	1575.9	1570.5	1566.4
59.5°	1568.7	1561.0	1549.6	1544.3	1540.1
60°	1542.5	1534.1	1523.4	1518.6	1514.4
60.5°	1515.6	1508.5	1497.1	1492.3	1488.2
61°	1488.2	1481.0	1470.2	1465.5	1461.3
61.5°	1460.1	1454.1	1443.4	1438.6	1435.0
62°	1432.6	1426.7	1415.9	1411.7	1408.2
62.5°	1404.6	1398.6	1387.9	1383.7	1380.1
63°	1376.5	1370.6	1360.4	1356.2	1352.7
63.5°	1347.9	1341.9	1332.4	1328.2	1324.6
64°	1319.2	1313.3	1303.1	1300.1	1295.9
64.5°	1290.6	1284.6	1274.5	1271.5	1267.9
65°	1261.3	1256.5	1247.0	1243.4	1241.0
65.5°	1232.7	1226.7	1217.7	1214.8	1211.2
66°	1202.2	1197.4	1188.5	1185.5	1183.1





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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	1113.9	1108.5	1100.7	1097.8	1094.8
68°	1083.4	1078.7	1070.9	1068.5	1065.5
68.5°	1053.0	1048.2	1040.5	1038.7	1036.9
69°	1022.5	1017.8	1011.2	1009.4	1007.0
69.5°	992.7	987.9	982.0	980.2	977.2
70°	962.3	958.1	952.1	950.3	947.3
70.5°	931.8	927.6	922.3	920.5	917.5
71°	901.4	897.8	893.0	890.6	887.6
71.5°	871.5	867.9	862.6	860.8	858.4
72°	841.1	838.1	832.7	831.5	828.5
72.5°	810.6	808.2	802.9	801.7	799.3
73°	780.2	777.8	772.4	771.2	769.4
73.5°	750.3	748.0	743.2	741.4	739.6
74°	720.5	718.7	713.9	712.7	710.4
74.5°	690.1	688.9	684.7	682.9	681.1
75°	659.6	659.6	655.4	654.2	652.4
75.5°	630.4	630.4	626.2	625.0	623.2
76°	601.1	601.1	596.9	595.8	593.4
76.5°	571.6	571.8	568.3	567.0	565.1
77°	543.3	543.5	540.3	538.7	536.8
77.5°	513.0	514.4	511.8	510.4	508.4
78°	484.8	486.6	483.9	482.7	481.1
78.5°	458.1	459.3	457.5	456.2	453.8
79°	430.3	431.2	430.0	428.8	426.6
79.5°	402.8	404.3	403.5	402.5	399.8
80°	376.5	377.6	377.7	376.1	373.7
80.5°	348.8	351.0	351.4	349.7	348.5
81°	323.2	325.3	325.9	324.9	323.2
81.5°	298.0	300.4	301.0	300.4	298.3
82°	272.7	275.7	276.6	276.2	273.8
82.5°	248.6	252.0	252.9	252.6	250.4
83°	225.2	228.9	229.8	230.1	228.0
83.5°	202.6	206.1	207.2	207.6	205.3
84°	180.9	184.0	185.4	186.0	184.2
84.5°	160.2	162.7	164.5	165.2	164.3
85°	140.8	142.5	144.2	145.2	144.0
85.5°	121.9	123.3	124.5	126.2	125.2
86°	104.3	105.8	106.6	107.9	107.9
86.5°	87.6	88.3	88.9	90.5	90.5
87°	71.6	71.7	71.9	73.9	74.0
87.5°	55.3	55.8	56.0	57.7	58.3
88°	39.0	40.4	40.7	42.3	42.2
88.5°	27.6	27.6	27.5	29.1	29.5



TEST NUMBER: P#

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**CANDELA DISTRIBUTION (continued):**

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-90-L835-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	1.4	1.5	1.6	1.5	1.4
113°	1.6	1.4	1.4	1.5	1.5
113.5°	1.6	1.6	1.6	1.7	1.7
114°	1.7	1.7	1.7	1.7	1.7
114.5°	1.8	1.8	1.7	1.7	1.6
115°	1.8	1.8	1.7	1.8	1.7
115.5°	2.0	1.8	1.9	1.9	1.7
116°	1.9	2.0	2.0	1.9	1.9
116.5°	2.0	2.0	2.0	2.0	2.0
117°	2.1	2.1	2.1	2.1	1.9
117.5°	2.3	2.1	2.2	2.1	2.0
118°	2.3	2.2	2.3	2.2	2.1
118.5°	2.4	2.3	2.3	2.3	2.2
119°	2.4	2.4	2.5	2.3	2.3
119.5°	2.5	2.5	2.5	2.4	2.4
120°	2.6	2.6	2.6	2.5	2.6
120.5°	2.7	2.6	2.7	2.6	2.6
121°	2.7	2.7	2.7	2.7	2.6
121.5°	3.0	2.9	2.8	2.7	2.7
122°	2.8	3.0	2.9	2.8	2.9
122.5°	3.0	3.0	2.9	2.9	2.8
123°	3.1	3.1	3.0	3.0	2.9
123.5°	3.1	3.2	3.0	2.9	3.0
124°	3.2	3.2	3.2	3.0	3.0
124.5°	3.3	3.2	3.2	3.1	3.1
125°	3.5	3.3	3.3	3.2	3.2
125.5°	3.5	3.4	3.3	3.2	3.3
126°	3.5	3.3	3.3	3.3	3.2
126.5°	3.3	3.4	3.5	3.3	3.3
127°	3.5	3.5	3.3	3.3	3.2
127.5°	3.6	3.5	3.5	3.3	3.2
128°	3.6	3.4	3.4	3.3	3.3
128.5°	3.5	3.5	3.3	3.2	3.3
129°	3.4	3.4	3.3	3.3	3.2
129.5°	3.3	3.4	3.3	3.3	3.3
130°	3.3	3.4	3.3	3.2	3.2
130.5°	3.5	3.3	3.3	3.0	3.2
131°	3.3	3.3	3.3	3.1	3.2
131.5°	3.3	3.2	3.1	3.0	3.1
132°	3.3	3.2	3.2	3.0	3.0
132.5°	3.3	3.2	3.1	3.0	3.1
133°	3.2	3.0	3.0	2.9	3.0
133.5°	3.2	3.0	2.9	2.8	3.0



TEST NUMBER: P#

CATALOG NUMBER: 44ID-90-L835-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
135°	3.1	2.9	2.8	2.7	3.0
135.5°	2.9	3.0	2.8	2.7	2.9
136°	2.9	2.8	2.7	2.6	2.9
136.5°	2.9	2.8	2.7	2.6	2.8
137°	2.9	2.7	2.7	2.6	2.7
137.5°	2.8	2.7	2.6	2.4	2.6
138°	2.7	2.6	2.5	2.4	2.6
138.5°	2.8	2.6	2.6	2.4	2.6
139°	2.4	2.6	2.5	2.3	2.6
139.5°	2.6	2.4	2.4	2.3	2.6
140°	2.6	2.4	2.4	2.3	2.4
140.5°	2.6	2.4	2.4	2.3	2.4
141°	2.4	2.4	2.3	2.1	2.3
141.5°	2.3	2.4	2.4	2.1	2.3
142°	2.2	2.2	2.3	2.2	2.1
142.5°	2.2	2.3	2.3	2.1	2.1
143°	2.3	2.3	2.3	2.2	2.1
143.5°	2.3	2.3	2.3	2.1	2.1
144°	2.3	2.1	2.3	2.0	2.1
144.5°	2.2	2.1	2.2	2.1	2.1
145°	2.3	2.1	2.2	2.0	2.1
145.5°	2.2	2.1	2.1	2.0	2.3
146°	2.2	2.1	2.0	2.0	2.1
146.5°	2.3	2.1	2.0	2.0	2.1
147°	2.2	2.1	2.0	2.0	2.0
147.5°	2.1	2.1	2.0	2.0	2.2
148°	2.2	2.1	2.0	2.0	2.2
148.5°	2.3	2.1	2.0	2.0	2.2
149°	2.2	2.1	2.0	2.0	2.2
149.5°	2.3	2.0	2.0	2.0	2.3
150°	2.3	2.1	2.0	2.0	2.2
150.5°	2.2	2.1	2.0	2.0	2.2
151°	2.3	2.1	2.0	2.0	2.3
151.5°	2.3	2.1	2.0	2.0	2.3
152°	2.3	2.1	2.1	2.1	2.2
152.5°	2.3	2.2	2.0	2.1	2.3
153°	2.3	2.1	2.1	2.2	2.4
153.5°	2.4	2.2	2.0	2.1	2.3
154°	2.3	2.2	2.1	2.1	2.3
154.5°	2.3	2.1	2.1	2.3	2.4
155°	2.2	2.2	2.2	2.3	2.4
155.5°	2.3	2.1	2.1	2.2	2.4
156°	2.2	2.2	2.2	2.2	2.4



TEST NUMBER: P#

CATALOG NUMBER: 44ID-90-L835-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
157.5°	2.2	2.1	2.1	2.3	2.3
158°	2.4	2.2	2.1	2.2	2.4
158.5°	2.3	2.2	2.1	2.2	2.3
159°	2.3	2.2	2.1	2.2	2.4
159.5°	2.3	2.1	2.1	2.2	2.5
160°	2.3	2.2	2.1	2.2	2.4
160.5°	2.2	2.1	2.1	2.3	2.4
161°	2.2	2.1	2.1	2.3	2.4
161.5°	2.3	2.2	2.1	2.1	2.3
162°	2.2	2.1	2.2	2.3	2.3
162.5°	2.3	2.3	2.2	2.2	2.3
163°	2.3	2.2	2.3	2.3	2.3
163.5°	2.3	2.2	2.3	2.3	2.4
164°	2.2	2.3	2.2	2.4	2.4
164.5°	2.1	2.3	2.3	2.4	2.4
165°	2.2	2.2	2.1	2.3	2.4
165.5°	2.1	2.2	2.1	2.5	2.4
166°	2.3	2.3	2.2	2.4	2.3
166.5°	2.3	2.2	2.1	2.4	2.2
167°	2.2	2.4	2.2	2.5	2.4
167.5°	2.3	2.4	2.3	2.6	2.4
168°	2.3	2.3	2.2	2.5	2.4
168.5°	2.3	2.4	2.3	2.7	2.4
169°	2.4	2.4	2.2	2.7	2.4
169.5°	2.4	2.4	2.3	2.6	2.5
170°	2.4	2.4	2.3	2.7	2.4
170.5°	2.4	2.5	2.3	2.7	2.6
171°	2.4	2.4	2.4	2.7	2.6
171.5°	2.4	2.4	2.4	2.7	2.5
172°	2.4	2.4	2.5	2.7	2.6
172.5°	2.5	2.5	2.6	2.7	2.6
173°	2.4	2.4	2.6	2.7	2.6
173.5°	2.6	2.5	2.6	2.7	2.7
174°	2.6	2.6	2.8	2.7	2.6
174.5°	2.6	2.7	2.7	2.9	2.7
175°	2.8	2.7	2.8	2.9	2.7
175.5°	2.8	2.7	2.9	2.8	2.8
176°	2.9	2.9	2.8	2.7	2.7
176.5°	3.0	2.8	2.9	2.6	2.7
177°	2.9	2.8	2.7	2.6	2.7
177.5°	2.9	2.8	2.6	2.6	2.8
178°	2.7	2.7	2.6	2.6	2.6
178.5°	2.7	2.6	2.5	2.5	2.5



TEST NUMBER: P#

CATALOG NUMBER: 44ID-90-L835-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	2.3	2.3	2.3	2.3	2.3



Report Generated By 670246072 / DESKTOP-MV3F9LC







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







21.5°	2453.4	2450.4	2438.5	2427.1	2422.4
22°	2452.2	2449.2	2436.7	2425.3	2420.6



44°	2196.1	2187.2	2169.3	2158.5	2151.3
44.5°	2182.4	2172.8	2156.1	2144.8	2137.6



66.5°	1173.0	1168.2	1159.2	1156.3	1153.3
67°	1143.7	1138.4	1130.0	1127.0	1124.6



89°	17.4	17.1	17.0	17.8	18.1
89.5°	7.7	7.8	7.6	8.2	8.1



111.5°	1.5	1.3	1.4	1.4	1.3
112°	1.5	1.4	1.4	1.4	1.5





134°	3.0	3.0	2.9	2.9	3.0
134.5°	3.1	2.9	2.9	2.7	2.9



156.5°	2.3	2.1	2.2	2.3	2.3
157°	2.3	2.1	2.2	2.2	2.3



179°	2.6	2.5	2.4	2.4	2.6
179.5°	2.3	2.4	2.3	2.3	2.4



(END OF REPORT)