

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-80-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-80-L930-CFD2  
Description: 8000 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

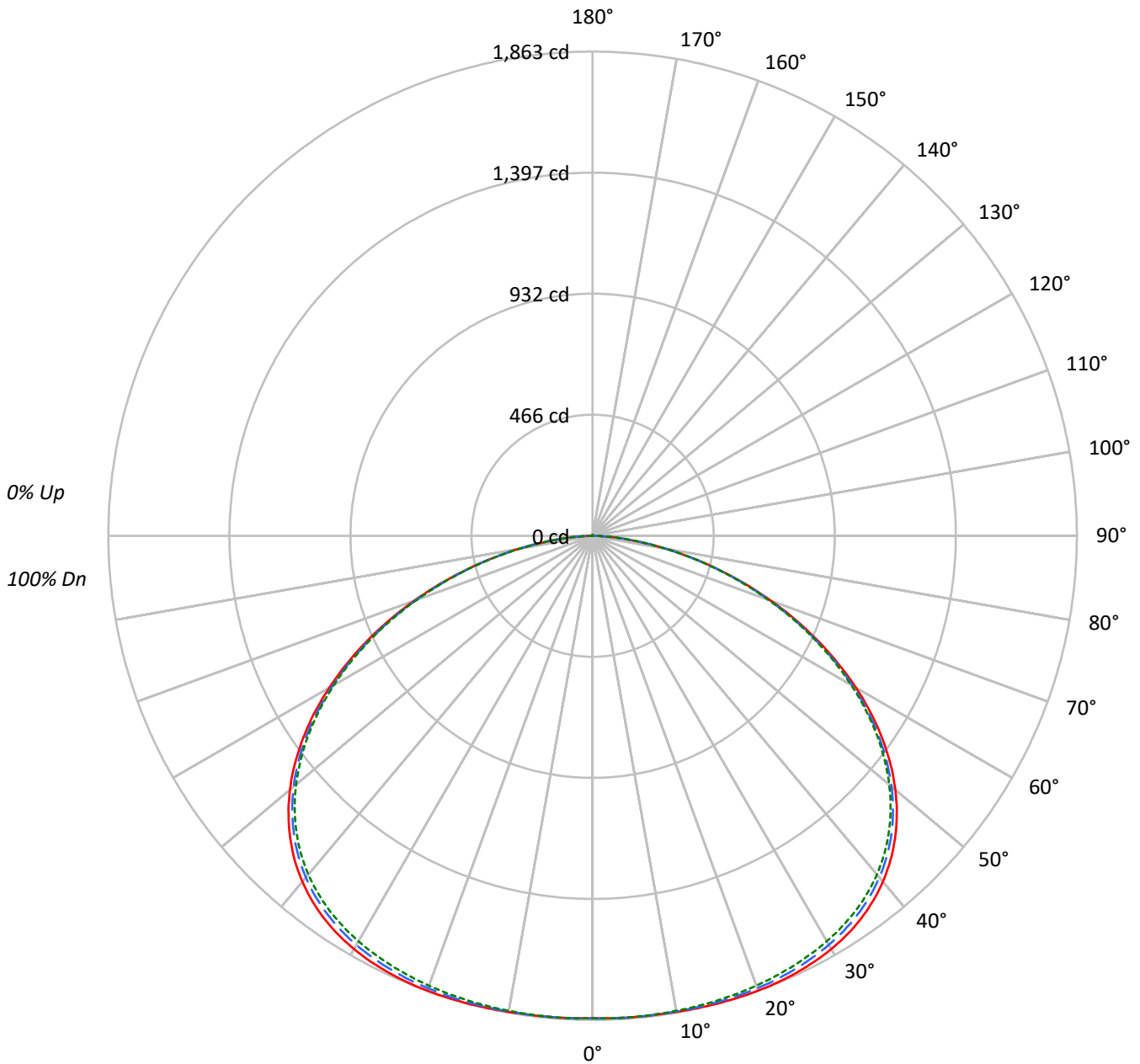
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6724.0 lumens  
Efficiency: N/A  
Efficacy: 106.1 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): 63.4  
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

TEST NUMBER: P#  
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### Luminous Intensity Polar Plot





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**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°	1326	1326	1326
5°	1327	1325	1327
10°	1339	1333	1335
15°	1361	1351	1353
20°	1393	1377	1378
25°	1433	1410	1410
30°	1477	1448	1449
35°	1522	1487	1491
40°	1562	1522	1531
45°	1593	1547	1560
50°	1606	1555	1573
55°	1596	1539	1564
60°	1555	1493	1527
65°	1480	1414	1457
70°	1363	1292	1342
75°	1190	1118	1177
80°	945	877	937
85°	587	529	600



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	177.4	2.6
10°-20°	526.3	7.8
20°-30°	850.8	12.7
30°-40°	1114.4	16.6
40°-50°	1253.5	18.6
50°-60°	1199.5	17.8
60°-70°	935.5	13.9
70°-80°	527.2	7.8
80°-90°	130.5	1.9
90°-100°	0.5	0.0
100°-110°	0.8	0.0
110°-120°	1.4	0.0
120°-130°	2.1	0.0
130°-140°	1.7	0.0
140°-150°	1.0	0.0
150°-160°	0.8	0.0
160°-170°	0.5	0.0
170°-180°	0.2	0.0
0°-30°	1554.6	23.1
0°-40°	2669.0	39.7
0°-60°	5122.0	76.2
0°-90°	6715.1	99.9
90°-120°	2.6	0.0
90°-150°	7.4	0.1
90°-180°	9.0	0.1
0°-180°	6724.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1857	1857	1857	1857	1857	
5°	1859	1859	1859	1859	1858	177
15°	1863	1862	1858	1854	1852	528
25°	1855	1852	1841	1830	1826	857
35°	1799	1793	1778	1767	1762	1126
45°	1646	1638	1625	1617	1612	1268
55°	1361	1353	1344	1338	1334	1213
65°	957	953	946	943	942	945
75°	500	500	497	496	495	530
85°	107	108	109	110	109	124
90°	1	1	1	1	1	5
95°	0	0	0	0	0	0
105°	1	1	1	1	1	1
115°	1	1	1	1	1	1
125°	3	2	2	2	2	2
135°	2	2	2	2	2	2
145°	2	2	2	2	2	1
155°	2	2	2	2	2	1
165°	2	2	2	2	2	0
175°	2	2	2	2	2	0
180°	2	2	2	2	2	



TEST NUMBER: P#

CATALOG NUMBER: 44ID-80-L930-CFD2

**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1857.0	1857.0	1857.0	1857.0	1857.0
0.5°	1856.5	1857.9	1858.3	1857.9	1857.0
1°	1857.0	1857.9	1858.3	1858.3	1857.4
1.5°	1857.4	1858.3	1858.3	1858.3	1857.9
2°	1857.4	1858.3	1858.3	1858.8	1857.9
2.5°	1857.9	1858.8	1858.8	1858.8	1857.9
3°	1858.3	1858.8	1858.8	1858.8	1858.3
3.5°	1858.3	1858.8	1858.8	1858.8	1858.3
4°	1858.8	1858.8	1858.8	1858.8	1858.3
4.5°	1858.8	1859.2	1858.8	1858.8	1858.3
5°	1858.8	1859.2	1858.8	1858.8	1858.3
5.5°	1858.8	1859.2	1858.8	1858.8	1858.3
6°	1859.2	1859.2	1858.8	1858.8	1857.9
6.5°	1859.2	1859.7	1859.2	1858.8	1857.9
7°	1859.2	1859.7	1858.8	1858.8	1857.9
7.5°	1859.2	1859.7	1858.8	1858.3	1857.4
8°	1859.7	1859.7	1859.2	1858.3	1857.4
8.5°	1859.7	1860.1	1858.8	1858.3	1857.0
9°	1860.1	1860.1	1859.2	1857.9	1857.0
9.5°	1860.1	1860.6	1858.8	1857.9	1856.5
10°	1860.6	1860.6	1858.8	1857.4	1856.1
10.5°	1861.0	1861.0	1858.8	1857.4	1856.1
11°	1861.0	1861.0	1858.8	1857.0	1855.6
11.5°	1861.5	1861.5	1858.8	1856.5	1855.2
12°	1861.5	1861.5	1858.8	1856.5	1854.7
12.5°	1862.0	1861.5	1858.3	1856.1	1854.3
13°	1862.0	1861.5	1858.3	1855.6	1853.8
13.5°	1862.4	1862.0	1858.3	1855.2	1853.4
14°	1862.4	1862.0	1858.3	1854.7	1852.4
14.5°	1862.9	1862.0	1857.9	1854.3	1852.0
15°	1862.9	1862.4	1857.9	1853.8	1851.5
15.5°	1863.3	1862.4	1857.4	1852.9	1850.6
16°	1862.9	1862.4	1857.0	1852.4	1849.7
16.5°	1863.3	1862.4	1857.0	1851.5	1848.8
17°	1863.3	1862.0	1856.5	1850.6	1848.4
17.5°	1863.3	1862.0	1855.6	1850.2	1847.5
18°	1863.3	1862.0	1855.2	1849.3	1846.1
18.5°	1863.3	1861.5	1854.7	1848.4	1845.2
19°	1862.9	1861.5	1854.3	1847.5	1844.3
19.5°	1862.9	1861.0	1853.4	1846.1	1842.9
20°	1862.4	1860.6	1852.4	1845.2	1842.0
20.5°	1862.0	1860.1	1852.0	1844.3	1840.7
21°	1862.0	1859.7	1851.1	1842.9	1839.3



TEST NUMBER: P#

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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	1860.1	1857.4	1847.9	1838.9	1834.8
23°	1859.2	1856.5	1846.6	1837.5	1833.4
23.5°	1858.3	1855.6	1845.2	1835.7	1831.6
24°	1857.4	1854.7	1843.8	1833.9	1829.8
24.5°	1856.5	1853.4	1842.5	1832.1	1828.0
25°	1855.2	1852.0	1840.7	1830.3	1826.2
25.5°	1853.8	1850.6	1838.9	1828.4	1823.9
26°	1852.4	1849.3	1837.0	1826.6	1822.1
26.5°	1851.1	1847.5	1835.2	1824.4	1819.8
27°	1849.3	1845.7	1833.0	1822.1	1817.6
27.5°	1847.5	1843.8	1830.7	1819.8	1815.3
28°	1845.7	1841.6	1828.4	1817.6	1813.0
28.5°	1843.4	1839.3	1826.2	1814.9	1810.3
29°	1841.1	1837.0	1823.5	1812.1	1807.6
29.5°	1838.9	1834.3	1820.7	1809.4	1804.4
30°	1836.1	1831.6	1817.6	1806.2	1801.3
30.5°	1833.4	1828.9	1814.4	1803.1	1798.5
31°	1830.3	1825.7	1811.2	1799.9	1794.9
31.5°	1827.5	1822.6	1807.6	1796.7	1791.8
32°	1823.9	1818.9	1804.4	1793.1	1788.1
32.5°	1820.3	1815.3	1800.4	1789.0	1784.1
33°	1816.7	1811.2	1796.3	1785.4	1780.0
33.5°	1812.6	1807.2	1792.2	1781.3	1775.9
34°	1808.1	1802.6	1787.7	1776.8	1771.8
34.5°	1803.5	1798.1	1783.1	1772.3	1767.3
35°	1799.0	1793.1	1778.2	1767.3	1762.3
35.5°	1794.0	1788.1	1773.2	1762.3	1757.3
36°	1789.0	1782.7	1767.7	1757.3	1751.9
36.5°	1783.1	1777.3	1762.3	1751.9	1746.9
37°	1777.3	1771.4	1756.4	1746.0	1741.0
37.5°	1771.4	1765.0	1750.5	1740.1	1734.7
38°	1765.0	1759.1	1744.2	1734.2	1728.8
38.5°	1758.7	1752.3	1737.4	1727.4	1722.5
39°	1751.9	1745.1	1730.6	1721.1	1715.7
39.5°	1744.6	1737.9	1723.8	1713.9	1708.9
40°	1736.9	1730.6	1716.1	1706.6	1701.6
40.5°	1729.7	1722.9	1708.4	1699.4	1693.9
41°	1721.6	1714.8	1700.7	1691.2	1685.8
41.5°	1712.9	1706.2	1692.1	1683.1	1677.6
42°	1704.3	1697.5	1683.5	1674.9	1669.0
42.5°	1695.3	1688.5	1674.4	1665.8	1660.4
43°	1686.2	1679.0	1665.4	1656.8	1651.3
43.5°	1676.7	1669.5	1655.9	1647.3	1641.8



TEST NUMBER: P#

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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	1645.5	1638.2	1625.1	1617.4	1611.5
45.5°	1634.6	1626.9	1614.2	1606.5	1601.1
46°	1623.3	1615.6	1602.9	1595.2	1589.8
46.5°	1611.5	1603.8	1591.6	1583.9	1578.4
47°	1599.3	1592.0	1579.3	1572.5	1566.7
47.5°	1587.0	1579.3	1567.1	1560.3	1554.4
48°	1574.8	1566.7	1554.9	1547.6	1541.7
48.5°	1561.7	1554.0	1542.2	1535.4	1530.0
49°	1547.6	1540.4	1528.6	1521.4	1516.4
49.5°	1534.0	1526.8	1515.0	1508.2	1502.8
50°	1520.0	1512.3	1501.4	1494.6	1489.2
50.5°	1505.5	1497.8	1486.9	1480.1	1475.2
51°	1491.0	1483.3	1472.4	1465.7	1460.2
51.5°	1475.6	1467.9	1457.0	1450.7	1445.7
52°	1460.2	1452.5	1441.6	1435.8	1430.8
52.5°	1444.8	1437.1	1426.2	1419.9	1415.4
53°	1428.1	1420.8	1410.8	1405.0	1400.0
53.5°	1411.3	1404.1	1394.1	1388.2	1383.7
54°	1394.5	1387.3	1377.3	1371.4	1367.4
54.5°	1378.2	1370.5	1361.0	1355.1	1351.1
55°	1360.6	1353.3	1343.8	1337.9	1333.9
55.5°	1342.9	1335.7	1326.2	1320.3	1316.6
56°	1324.3	1317.5	1308.0	1303.1	1299.4
56.5°	1305.8	1299.4	1289.9	1284.9	1281.3
57°	1287.7	1280.9	1271.8	1267.3	1263.6
57.5°	1269.5	1262.3	1253.2	1248.7	1245.1
58°	1249.6	1242.8	1234.2	1229.7	1226.5
58.5°	1230.1	1223.8	1214.7	1210.7	1207.5
59°	1210.7	1204.3	1195.7	1191.6	1188.5
59.5°	1190.3	1184.4	1175.8	1171.7	1168.5
60°	1170.3	1164.0	1155.9	1152.2	1149.1
60.5°	1150.0	1144.5	1135.9	1132.3	1129.1
61°	1129.1	1123.7	1115.5	1111.9	1108.7
61.5°	1107.8	1103.3	1095.2	1091.5	1088.8
62°	1087.0	1082.5	1074.3	1071.2	1068.4
62.5°	1065.7	1061.2	1053.0	1049.9	1047.2
63°	1044.4	1039.9	1032.2	1029.0	1026.3
63.5°	1022.7	1018.2	1010.9	1007.7	1005.0
64°	1001.0	996.4	988.7	986.5	983.3
64.5°	979.2	974.7	967.0	964.7	962.0
65°	957.0	953.4	946.2	943.4	941.6
65.5°	935.3	930.8	924.0	921.7	919.0
66°	912.2	908.6	901.8	899.5	897.7





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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	845.1	841.1	835.2	832.9	830.7
68°	822.1	818.4	812.5	810.7	808.5
68.5°	799.0	795.3	789.4	788.1	786.7
69°	775.9	772.2	767.2	765.9	764.1
69.5°	753.2	749.6	745.1	743.7	741.4
70°	730.1	726.9	722.4	721.0	718.8
70.5°	707.0	703.8	699.8	698.4	696.1
71°	683.9	681.2	677.6	675.8	673.5
71.5°	661.3	658.5	654.5	653.1	651.3
72°	638.2	635.9	631.8	630.9	628.7
72.5°	615.1	613.3	609.2	608.3	606.5
73°	592.0	590.2	586.1	585.2	583.8
73.5°	569.3	567.5	563.9	562.5	561.2
74°	546.7	545.3	541.7	540.8	539.0
74.5°	523.6	522.7	519.5	518.1	516.8
75°	500.5	500.5	497.3	496.4	495.0
75.5°	478.3	478.3	475.1	474.2	472.8
76°	456.1	456.1	452.9	452.1	450.2
76.5°	433.7	433.9	431.2	430.2	428.7
77°	412.2	412.4	410.0	408.8	407.3
77.5°	389.2	390.3	388.3	387.2	385.8
78°	367.8	369.2	367.1	366.3	365.0
78.5°	347.6	348.5	347.2	346.1	344.4
79°	326.5	327.1	326.3	325.4	323.7
79.5°	305.6	306.8	306.2	305.4	303.4
80°	285.7	286.5	286.6	285.4	283.5
80.5°	264.6	266.3	266.6	265.4	264.4
81°	245.2	246.8	247.2	246.5	245.3
81.5°	226.1	228.0	228.4	228.0	226.3
82°	206.9	209.2	209.9	209.6	207.8
82.5°	188.6	191.2	191.9	191.6	190.0
83°	170.9	173.6	174.3	174.6	173.0
83.5°	153.7	156.3	157.2	157.5	155.8
84°	137.2	139.6	140.7	141.1	139.7
84.5°	121.6	123.5	124.8	125.4	124.7
85°	106.8	108.2	109.4	110.2	109.2
85.5°	92.5	93.6	94.5	95.7	95.0
86°	79.2	80.3	80.9	81.9	81.9
86.5°	66.5	67.0	67.5	68.7	68.7
87°	54.4	54.4	54.6	56.1	56.1
87.5°	41.9	42.3	42.5	43.8	44.3
88°	29.6	30.6	30.9	32.1	32.0
88.5°	20.9	20.9	20.9	22.1	22.4



TEST NUMBER: P#

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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	1.0	1.0	1.0	1.0	1.0
90.5°	0.3	0.3	0.3	0.4	0.3
91°	0.3	0.3	0.3	0.3	0.3
91.5°	0.4	0.3	0.4	0.3	0.2
92°	0.3	0.3	0.3	0.4	0.3
92.5°	0.4	0.3	0.3	0.4	0.3
93°	0.4	0.4	0.4	0.3	0.3
93.5°	0.4	0.3	0.4	0.4	0.4
94°	0.4	0.4	0.4	0.4	0.5
94.5°	0.4	0.4	0.4	0.4	0.4
95°	0.4	0.3	0.4	0.4	0.5
95.5°	0.4	0.4	0.5	0.4	0.5
96°	0.5	0.5	0.4	0.4	0.5
96.5°	0.5	0.5	0.5	0.4	0.5
97°	0.5	0.5	0.5	0.4	0.5
97.5°	0.5	0.5	0.5	0.4	0.5
98°	0.6	0.5	0.5	0.5	0.6
98.5°	0.6	0.5	0.5	0.5	0.5
99°	0.5	0.5	0.5	0.5	0.5
99.5°	0.6	0.5	0.5	0.5	0.5
100°	0.6	0.5	0.5	0.5	0.6
100.5°	0.6	0.6	0.5	0.6	0.6
101°	0.6	0.5	0.5	0.5	0.5
101.5°	0.7	0.5	0.6	0.6	0.6
102°	0.7	0.6	0.6	0.6	0.6
102.5°	0.6	0.6	0.6	0.6	0.6
103°	0.6	0.5	0.6	0.6	0.6
103.5°	0.7	0.7	0.6	0.6	0.6
104°	0.8	0.7	0.7	0.6	0.6
104.5°	0.7	0.7	0.7	0.7	0.6
105°	0.8	0.7	0.7	0.8	0.8
105.5°	0.8	0.6	0.7	0.7	0.7
106°	0.7	0.7	0.8	0.8	0.8
106.5°	0.8	0.7	0.8	0.7	0.7
107°	0.8	0.8	0.8	0.8	0.7
107.5°	0.9	0.8	0.8	0.9	0.8
108°	0.9	0.8	0.7	0.9	0.8
108.5°	0.9	0.9	0.9	0.8	0.8
109°	0.9	0.9	0.9	0.9	0.9
109.5°	1.0	0.8	1.0	0.9	0.8
110°	0.9	0.9	0.9	1.0	0.9
110.5°	1.0	0.9	1.0	1.0	1.0
111°	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P#

CATALOG NUMBER: 44ID-80-L930-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	1.1	1.1	1.2	1.1	1.0
113°	1.2	1.1	1.1	1.1	1.1
113.5°	1.2	1.2	1.2	1.3	1.3
114°	1.3	1.3	1.3	1.3	1.3
114.5°	1.4	1.4	1.3	1.3	1.2
115°	1.4	1.4	1.3	1.4	1.3
115.5°	1.5	1.4	1.4	1.4	1.3
116°	1.4	1.5	1.5	1.4	1.4
116.5°	1.5	1.5	1.5	1.5	1.5
117°	1.6	1.6	1.6	1.6	1.4
117.5°	1.7	1.6	1.7	1.6	1.5
118°	1.7	1.7	1.8	1.7	1.6
118.5°	1.9	1.8	1.8	1.7	1.7
119°	1.9	1.9	1.9	1.8	1.8
119.5°	1.9	1.9	1.9	1.9	1.8
120°	2.0	2.0	1.9	1.9	1.9
120.5°	2.0	1.9	2.0	2.0	1.9
121°	2.0	2.0	2.0	2.0	1.9
121.5°	2.3	2.2	2.1	2.0	2.0
122°	2.1	2.3	2.2	2.1	2.2
122.5°	2.3	2.3	2.2	2.2	2.1
123°	2.4	2.4	2.3	2.3	2.2
123.5°	2.4	2.4	2.3	2.2	2.3
124°	2.4	2.4	2.4	2.3	2.3
124.5°	2.5	2.4	2.4	2.4	2.4
125°	2.6	2.5	2.5	2.4	2.4
125.5°	2.6	2.6	2.5	2.4	2.5
126°	2.6	2.5	2.5	2.5	2.4
126.5°	2.5	2.6	2.6	2.5	2.5
127°	2.6	2.6	2.5	2.5	2.4
127.5°	2.7	2.7	2.6	2.5	2.4
128°	2.7	2.6	2.6	2.5	2.5
128.5°	2.6	2.6	2.5	2.4	2.5
129°	2.6	2.6	2.5	2.5	2.4
129.5°	2.5	2.6	2.5	2.5	2.5
130°	2.5	2.6	2.5	2.4	2.4
130.5°	2.6	2.5	2.5	2.3	2.4
131°	2.5	2.5	2.5	2.4	2.4
131.5°	2.5	2.4	2.4	2.3	2.4
132°	2.5	2.4	2.4	2.3	2.3
132.5°	2.5	2.4	2.4	2.3	2.4
133°	2.4	2.3	2.3	2.2	2.3
133.5°	2.4	2.3	2.2	2.1	2.3



TEST NUMBER: P#

CATALOG NUMBER: 44ID-80-L930-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
135°	2.4	2.2	2.1	2.1	2.3
135.5°	2.2	2.3	2.1	2.0	2.2
136°	2.2	2.1	2.0	1.9	2.2
136.5°	2.2	2.1	2.0	1.9	2.1
137°	2.2	2.1	2.0	1.9	2.1
137.5°	2.1	2.0	2.0	1.9	2.0
138°	2.1	2.0	1.9	1.9	2.0
138.5°	2.1	2.0	1.9	1.8	1.9
139°	1.9	1.9	1.9	1.7	2.0
139.5°	2.0	1.9	1.8	1.8	1.9
140°	1.9	1.8	1.9	1.7	1.8
140.5°	1.9	1.8	1.8	1.7	1.8
141°	1.9	1.8	1.8	1.6	1.7
141.5°	1.7	1.8	1.8	1.6	1.7
142°	1.7	1.7	1.8	1.7	1.6
142.5°	1.7	1.8	1.7	1.6	1.6
143°	1.8	1.7	1.7	1.7	1.6
143.5°	1.8	1.7	1.7	1.6	1.6
144°	1.8	1.6	1.8	1.5	1.6
144.5°	1.7	1.6	1.7	1.6	1.6
145°	1.7	1.6	1.7	1.5	1.6
145.5°	1.7	1.6	1.6	1.5	1.7
146°	1.7	1.6	1.5	1.5	1.6
146.5°	1.7	1.6	1.5	1.5	1.6
147°	1.7	1.6	1.5	1.5	1.5
147.5°	1.6	1.6	1.5	1.5	1.7
148°	1.7	1.6	1.5	1.5	1.7
148.5°	1.7	1.6	1.5	1.5	1.7
149°	1.7	1.6	1.5	1.5	1.7
149.5°	1.8	1.5	1.5	1.5	1.7
150°	1.7	1.6	1.5	1.5	1.7
150.5°	1.7	1.6	1.5	1.5	1.7
151°	1.8	1.6	1.5	1.5	1.8
151.5°	1.7	1.6	1.5	1.5	1.8
152°	1.8	1.6	1.6	1.6	1.7
152.5°	1.8	1.7	1.5	1.6	1.8
153°	1.7	1.6	1.6	1.7	1.8
153.5°	1.9	1.7	1.5	1.6	1.8
154°	1.8	1.7	1.6	1.6	1.8
154.5°	1.8	1.6	1.6	1.7	1.8
155°	1.7	1.7	1.7	1.7	1.9
155.5°	1.8	1.6	1.6	1.7	1.8
156°	1.7	1.7	1.7	1.7	1.8



TEST NUMBER: P#

CATALOG NUMBER: 44ID-80-L930-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
157.5°	1.7	1.6	1.6	1.7	1.8
158°	1.8	1.7	1.6	1.7	1.8
158.5°	1.7	1.7	1.6	1.7	1.8
159°	1.8	1.7	1.6	1.7	1.9
159.5°	1.7	1.6	1.6	1.7	1.9
160°	1.7	1.7	1.6	1.7	1.8
160.5°	1.7	1.6	1.6	1.7	1.8
161°	1.7	1.6	1.6	1.7	1.8
161.5°	1.7	1.7	1.6	1.6	1.7
162°	1.7	1.6	1.7	1.7	1.7
162.5°	1.8	1.7	1.7	1.7	1.8
163°	1.8	1.7	1.7	1.7	1.7
163.5°	1.7	1.7	1.7	1.7	1.9
164°	1.7	1.7	1.7	1.8	1.8
164.5°	1.6	1.8	1.7	1.8	1.9
165°	1.7	1.7	1.6	1.8	1.8
165.5°	1.6	1.7	1.6	1.9	1.8
166°	1.7	1.7	1.7	1.8	1.8
166.5°	1.7	1.7	1.6	1.9	1.7
167°	1.7	1.8	1.7	1.9	1.9
167.5°	1.7	1.8	1.7	1.9	1.9
168°	1.8	1.8	1.7	1.9	1.8
168.5°	1.7	1.9	1.8	2.0	1.9
169°	1.9	1.8	1.7	2.0	1.9
169.5°	1.8	1.8	1.7	2.0	1.9
170°	1.9	1.8	1.8	2.0	1.9
170.5°	1.9	1.9	1.8	2.0	1.9
171°	1.9	1.9	1.9	2.0	2.0
171.5°	1.8	1.9	1.9	2.1	1.9
172°	1.8	1.9	1.9	2.1	1.9
172.5°	1.9	1.9	1.9	2.1	1.9
173°	1.8	1.8	1.9	2.1	2.0
173.5°	1.9	1.9	2.0	2.0	2.0
174°	2.0	2.0	2.1	2.1	2.0
174.5°	2.0	2.1	2.1	2.2	2.1
175°	2.1	2.1	2.1	2.2	2.0
175.5°	2.1	2.1	2.2	2.1	2.1
176°	2.2	2.2	2.1	2.1	2.1
176.5°	2.3	2.1	2.2	2.0	2.1
177°	2.2	2.1	2.0	2.0	2.1
177.5°	2.2	2.1	2.0	1.9	2.1
178°	2.1	2.0	1.9	1.9	2.0
178.5°	2.0	2.0	1.9	1.9	1.9



TEST NUMBER: P#

CATALOG NUMBER: 44ID-80-L930-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	1.8	1.8	1.8	1.8	1.8



Report Generated By 670246072 / DESKTOP-MV3F9LC







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







21.5°	1861.5	1859.2	1850.2	1841.6	1838.0
22°	1860.6	1858.3	1848.8	1840.2	1836.6



44°	1666.3	1659.5	1645.9	1637.8	1632.3
44.5°	1655.9	1648.6	1635.9	1627.3	1621.9



66.5°	890.0	886.4	879.6	877.3	875.0
67°	867.8	863.7	857.4	855.1	853.3



89°	13.2	13.0	12.9	13.5	13.7
89.5°	5.8	5.9	5.8	6.2	6.1



111.5°	1.1	1.0	1.0	1.0	1.0
112°	1.1	1.0	1.0	1.0	1.1





134°	2.3	2.3	2.2	2.2	2.3
134.5°	2.4	2.2	2.2	2.1	2.2



156.5°	1.8	1.6	1.7	1.7	1.8
157°	1.7	1.6	1.7	1.7	1.8



179°	1.9	1.9	1.8	1.9	1.9
179.5°	1.7	1.8	1.8	1.7	1.9



(END OF REPORT)