

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-60-L830-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-60-L830-CFR2
Description: 6000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH RECESSED 2IN CUBE LENS
AND 3000K CCT, 80CRI LEDS
Light Source: -
Ballast/Driver:
Luminaire Equipment: Sample No. Condition Description

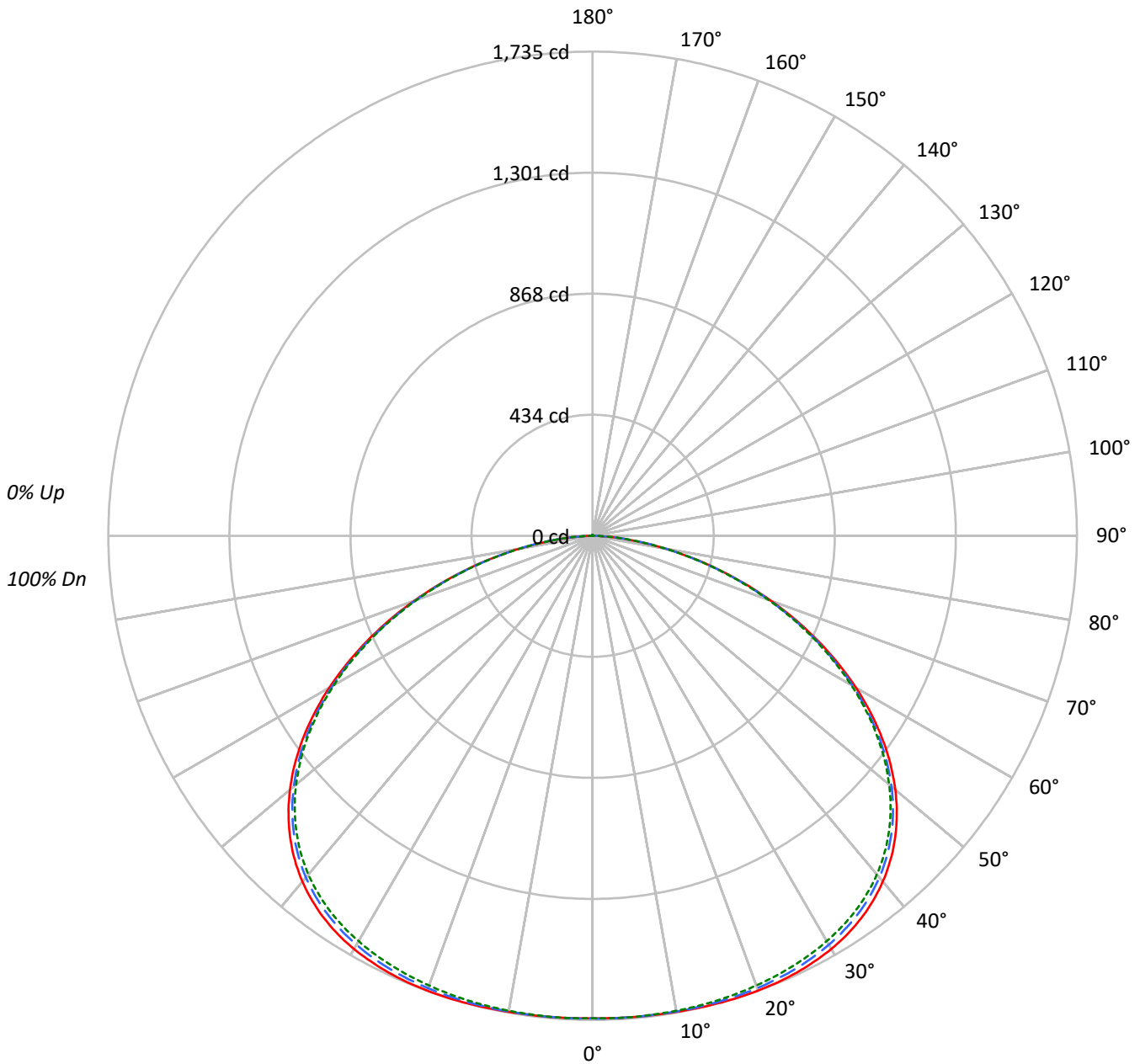
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6261.0 lumens
Efficiency: N/A
Efficacy: 131.5 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): 47.6
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





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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°	1234	1234	1234
5°	1240	1240	1240
10°	1256	1255	1253
15°	1282	1279	1274
20°	1317	1310	1303
25°	1361	1350	1339
30°	1409	1395	1383
35°	1460	1443	1430
40°	1507	1489	1477
45°	1547	1528	1515
50°	1572	1553	1540
55°	1577	1557	1546
60°	1556	1537	1528
65°	1505	1488	1481
70°	1419	1404	1397
75°	1285	1277	1272
80°	1094	1097	1085
85°	814	834	833



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	165.2	2.6
10°-20°	490.1	7.8
20°-30°	792.2	12.7
30°-40°	1037.7	16.6
40°-50°	1167.2	18.6
50°-60°	1116.9	17.8
60°-70°	871.1	13.9
70°-80°	490.9	7.8
80°-90°	121.5	1.9
90°-100°	0.4	0.0
100°-110°	0.7	0.0
110°-120°	1.3	0.0
120°-130°	2.0	0.0
130°-140°	1.6	0.0
140°-150°	1.0	0.0
150°-160°	0.7	0.0
160°-170°	0.5	0.0
170°-180°	0.2	0.0
0°-30°	1447.5	23.1
0°-40°	2485.2	39.7
0°-60°	4769.3	76.2
0°-90°	6252.7	99.9
90°-120°	2.4	0.0
90°-150°	6.9	0.1
90°-180°	8.0	0.1
0°-180°	6261.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1729	1729	1729	1729	1729	
5°	1731	1731	1731	1731	1730	165
15°	1735	1734	1730	1726	1724	492
25°	1727	1724	1714	1704	1700	798
35°	1675	1670	1656	1646	1641	1049
45°	1532	1525	1513	1506	1500	1180
55°	1267	1260	1251	1246	1242	1129
65°	891	888	881	878	877	880
75°	466	466	463	462	461	494
85°	99	101	102	103	102	115
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°	2	2	2	2	2	2
135°	2	2	2	2	2	2
145°	2	2	2	1	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	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1729.1	1729.1	1729.1	1729.1	1729.1
0.5°	1728.7	1729.9	1730.4	1729.9	1729.1
1°	1729.1	1729.9	1730.4	1730.4	1729.5
1.5°	1729.5	1730.4	1730.4	1730.4	1729.9
2°	1729.5	1730.4	1730.4	1730.8	1729.9
2.5°	1729.9	1730.8	1730.8	1730.8	1729.9
3°	1730.4	1730.8	1730.8	1730.8	1730.4
3.5°	1730.4	1730.8	1730.8	1730.8	1730.4
4°	1730.8	1730.8	1730.8	1730.8	1730.4
4.5°	1730.8	1731.2	1730.8	1730.8	1730.4
5°	1730.8	1731.2	1730.8	1730.8	1730.4
5.5°	1730.8	1731.2	1730.8	1730.8	1730.4
6°	1731.2	1731.2	1730.8	1730.8	1729.9
6.5°	1731.2	1731.6	1731.2	1730.8	1729.9
7°	1731.2	1731.6	1730.8	1730.8	1729.9
7.5°	1731.2	1731.6	1730.8	1730.4	1729.5
8°	1731.6	1731.6	1731.2	1730.4	1729.5
8.5°	1731.6	1732.1	1730.8	1730.4	1729.1
9°	1732.1	1732.1	1731.2	1729.9	1729.1
9.5°	1732.1	1732.5	1730.8	1729.9	1728.7
10°	1732.5	1732.5	1730.8	1729.5	1728.3
10.5°	1732.9	1732.9	1730.8	1729.5	1728.3
11°	1732.9	1732.9	1730.8	1729.1	1727.8
11.5°	1733.3	1733.3	1730.8	1728.7	1727.4
12°	1733.3	1733.3	1730.8	1728.7	1727.0
12.5°	1733.7	1733.3	1730.4	1728.3	1726.6
13°	1733.7	1733.3	1730.4	1727.8	1726.2
13.5°	1734.2	1733.7	1730.4	1727.4	1725.7
14°	1734.2	1733.7	1730.4	1727.0	1724.9
14.5°	1734.6	1733.7	1729.9	1726.6	1724.5
15°	1734.6	1734.2	1729.9	1726.2	1724.0
15.5°	1735.0	1734.2	1729.5	1725.3	1723.2
16°	1734.6	1734.2	1729.1	1724.9	1722.4
16.5°	1735.0	1734.2	1729.1	1724.0	1721.5
17°	1735.0	1733.7	1728.7	1723.2	1721.1
17.5°	1735.0	1733.7	1727.8	1722.8	1720.2
18°	1735.0	1733.7	1727.4	1721.9	1719.0
18.5°	1735.0	1733.3	1727.0	1721.1	1718.1
19°	1734.6	1733.3	1726.6	1720.2	1717.3
19.5°	1734.6	1732.9	1725.7	1719.0	1716.0
20°	1734.2	1732.5	1724.9	1718.1	1715.2
20.5°	1733.7	1732.1	1724.5	1717.3	1713.9
21°	1733.7	1731.6	1723.6	1716.0	1712.7



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
22.5°	1732.1	1729.5	1720.7	1712.2	1708.4
23°	1731.2	1728.7	1719.4	1711.0	1707.2
23.5°	1730.4	1727.8	1718.1	1709.3	1705.5
24°	1729.5	1727.0	1716.9	1707.6	1703.8
24.5°	1728.7	1725.7	1715.6	1705.9	1702.1
25°	1727.4	1724.5	1713.9	1704.2	1700.4
25.5°	1726.2	1723.2	1712.2	1702.5	1698.3
26°	1724.9	1721.9	1710.6	1700.9	1696.6
26.5°	1723.6	1720.2	1708.9	1698.7	1694.5
27°	1721.9	1718.6	1706.8	1696.6	1692.4
27.5°	1720.2	1716.9	1704.6	1694.5	1690.3
28°	1718.6	1714.8	1702.5	1692.4	1688.2
28.5°	1716.5	1712.7	1700.4	1689.9	1685.7
29°	1714.3	1710.6	1697.9	1687.4	1683.1
29.5°	1712.2	1708.0	1695.4	1684.8	1680.2
30°	1709.7	1705.5	1692.4	1681.9	1677.2
30.5°	1707.2	1703.0	1689.5	1678.9	1674.7
31°	1704.2	1700.0	1686.5	1676.0	1671.3
31.5°	1701.7	1697.1	1683.1	1673.0	1668.4
32°	1698.3	1693.7	1680.2	1669.6	1665.0
32.5°	1694.9	1690.3	1676.4	1665.8	1661.2
33°	1691.6	1686.5	1672.6	1662.5	1657.4
33.5°	1687.8	1682.7	1668.8	1658.7	1653.6
34°	1683.6	1678.5	1664.6	1654.5	1649.8
34.5°	1679.3	1674.3	1660.4	1650.2	1645.6
35°	1675.1	1669.6	1655.7	1645.6	1641.0
35.5°	1670.5	1665.0	1651.1	1641.0	1636.3
36°	1665.8	1659.9	1646.0	1636.3	1631.3
36.5°	1660.4	1654.9	1641.0	1631.3	1626.6
37°	1654.9	1649.4	1635.5	1625.8	1621.1
37.5°	1649.4	1643.5	1630.0	1620.3	1615.2
38°	1643.5	1638.0	1624.1	1614.8	1609.8
38.5°	1637.6	1631.7	1617.8	1608.5	1603.9
39°	1631.3	1624.9	1611.4	1602.6	1597.5
39.5°	1624.5	1618.2	1605.1	1595.8	1591.2
40°	1617.3	1611.4	1597.9	1589.1	1584.5
40.5°	1610.6	1604.3	1590.8	1582.3	1577.3
41°	1603.0	1596.7	1583.6	1574.8	1569.7
41.5°	1595.0	1588.7	1575.6	1567.2	1562.1
42°	1587.0	1580.7	1567.6	1559.6	1554.1
42.5°	1578.5	1572.2	1559.1	1551.1	1546.1
43°	1570.1	1563.4	1550.7	1542.7	1537.6
43.5°	1561.3	1554.5	1541.9	1533.8	1528.8



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
45°	1532.2	1525.4	1513.2	1506.0	1500.5
45.5°	1522.0	1514.9	1503.1	1495.9	1490.8
46°	1511.5	1504.3	1492.5	1485.3	1480.3
46.5°	1500.5	1493.4	1482.0	1474.8	1469.7
47°	1489.1	1482.4	1470.6	1464.3	1458.8
47.5°	1477.8	1470.6	1459.2	1452.9	1447.4
48°	1466.4	1458.8	1447.8	1441.1	1435.6
48.5°	1454.1	1447.0	1436.0	1429.7	1424.6
49°	1441.1	1434.3	1423.3	1416.6	1412.0
49.5°	1428.4	1421.7	1410.7	1404.4	1399.3
50°	1415.3	1408.2	1398.0	1391.7	1386.7
50.5°	1401.8	1394.7	1384.6	1378.2	1373.6
51°	1388.3	1381.2	1371.1	1364.7	1359.7
51.5°	1374.0	1366.8	1356.7	1350.8	1346.2
52°	1359.7	1352.5	1342.4	1336.9	1332.3
52.5°	1345.3	1338.2	1328.0	1322.1	1317.9
53°	1329.7	1323.0	1313.7	1308.2	1303.6
53.5°	1314.1	1307.4	1298.1	1292.6	1288.4
54°	1298.5	1291.8	1282.5	1277.0	1273.2
54.5°	1283.3	1276.2	1267.3	1261.8	1258.0
55°	1266.9	1260.1	1251.3	1245.8	1242.0
55.5°	1250.4	1243.7	1234.8	1229.4	1226.0
56°	1233.1	1226.8	1218.0	1213.3	1210.0
56.5°	1215.9	1210.0	1201.1	1196.5	1193.1
57°	1199.0	1192.7	1184.2	1180.0	1176.6
57.5°	1182.1	1175.4	1166.9	1162.7	1159.3
58°	1163.6	1157.2	1149.2	1145.0	1142.1
58.5°	1145.4	1139.5	1131.1	1127.3	1124.3
59°	1127.3	1121.4	1113.4	1109.6	1106.6
59.5°	1108.3	1102.8	1094.8	1091.0	1088.1
60°	1089.8	1083.9	1076.3	1072.9	1069.9
60.5°	1070.8	1065.7	1057.7	1054.3	1051.4
61°	1051.4	1046.3	1038.7	1035.4	1032.4
61.5°	1031.6	1027.3	1019.8	1016.4	1013.8
62°	1012.2	1007.9	1000.4	997.4	994.9
62.5°	992.3	988.1	980.5	977.6	975.0
63°	972.5	968.3	961.1	958.2	955.6
63.5°	952.3	948.1	941.3	938.4	935.8
64°	932.0	927.8	920.6	918.5	915.6
64.5°	911.8	907.6	900.4	898.3	895.8
65°	891.1	887.7	881.0	878.5	876.8
65.5°	870.9	866.7	860.3	858.2	855.7
66°	849.4	846.0	839.7	837.6	835.9



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	787.0	783.2	777.7	775.6	773.5
68°	765.4	762.1	756.6	754.9	752.8
68.5°	743.9	740.6	735.1	733.8	732.6
69°	722.4	719.1	714.4	713.2	711.5
69.5°	701.3	698.0	693.8	692.5	690.4
70°	679.8	676.9	672.7	671.4	669.3
70.5°	658.3	655.4	651.6	650.3	648.2
71°	636.8	634.3	630.9	629.2	627.1
71.5°	615.7	613.2	609.4	608.1	606.5
72°	594.2	592.1	588.3	587.5	585.4
72.5°	572.7	571.0	567.2	566.4	564.7
73°	551.2	549.5	545.7	544.9	543.6
73.5°	530.1	528.4	525.1	523.8	522.5
74°	509.0	507.8	504.4	503.5	501.9
74.5°	487.5	486.7	483.7	482.5	481.2
75°	466.0	466.0	463.1	462.2	461.0
75.5°	445.4	445.4	442.4	441.6	440.3
76°	424.7	424.7	421.7	420.9	419.2
76.5°	403.8	404.0	401.5	400.6	399.2
77°	383.8	384.0	381.8	380.6	379.2
77.5°	362.4	363.4	361.6	360.6	359.2
78°	342.5	343.8	341.9	341.1	339.9
78.5°	323.7	324.5	323.3	322.3	320.6
79°	304.0	304.6	303.8	303.0	301.4
79.5°	284.6	285.6	285.1	284.3	282.5
80°	266.0	266.7	266.9	265.7	264.0
80.5°	246.4	248.0	248.2	247.1	246.2
81°	228.3	229.8	230.2	229.5	228.4
81.5°	210.5	212.3	212.6	212.3	210.7
82°	192.7	194.8	195.4	195.1	193.4
82.5°	175.7	178.0	178.7	178.4	176.9
83°	159.1	161.7	162.3	162.5	161.1
83.5°	143.1	145.6	146.4	146.6	145.1
84°	127.8	130.0	131.0	131.4	130.1
84.5°	113.2	115.0	116.2	116.7	116.1
85°	99.4	100.7	101.8	102.6	101.7
85.5°	86.1	87.1	88.0	89.2	88.4
86°	73.7	74.7	75.3	76.2	76.2
86.5°	61.9	62.4	62.8	63.9	63.9
87°	50.6	50.7	50.8	52.2	52.3
87.5°	39.1	39.4	39.6	40.8	41.2
88°	27.5	28.5	28.8	29.9	29.8
88.5°	19.5	19.5	19.4	20.6	20.8



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CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-60-L830-CFR2

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P#

CATALOG NUMBER: 44ID-60-L830-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
135°	2.2	2.1	2.0	1.9	2.1
135.5°	2.1	2.1	2.0	1.9	2.0
136°	2.0	2.0	1.9	1.8	2.0
136.5°	2.1	2.0	1.9	1.8	2.0
137°	2.0	1.9	1.9	1.8	1.9
137.5°	2.0	1.9	1.9	1.7	1.9
138°	1.9	1.9	1.8	1.7	1.9
138.5°	2.0	1.9	1.8	1.7	1.8
139°	1.7	1.8	1.8	1.6	1.9
139.5°	1.9	1.7	1.7	1.6	1.8
140°	1.8	1.7	1.7	1.6	1.7
140.5°	1.8	1.7	1.7	1.6	1.7
141°	1.7	1.7	1.6	1.5	1.6
141.5°	1.6	1.7	1.7	1.5	1.6
142°	1.6	1.6	1.6	1.6	1.5
142.5°	1.6	1.6	1.6	1.5	1.5
143°	1.6	1.6	1.6	1.6	1.5
143.5°	1.6	1.6	1.6	1.5	1.5
144°	1.6	1.5	1.6	1.4	1.5
144.5°	1.6	1.5	1.6	1.5	1.5
145°	1.6	1.5	1.6	1.4	1.5
145.5°	1.6	1.5	1.5	1.4	1.6
146°	1.6	1.5	1.4	1.4	1.5
146.5°	1.6	1.5	1.4	1.4	1.5
147°	1.6	1.5	1.4	1.4	1.4
147.5°	1.5	1.5	1.4	1.4	1.6
148°	1.6	1.5	1.4	1.4	1.6
148.5°	1.6	1.5	1.4	1.4	1.6
149°	1.6	1.5	1.4	1.4	1.6
149.5°	1.6	1.4	1.4	1.4	1.6
150°	1.6	1.5	1.4	1.4	1.6
150.5°	1.6	1.5	1.4	1.4	1.6
151°	1.6	1.5	1.4	1.4	1.6
151.5°	1.6	1.5	1.4	1.4	1.6
152°	1.6	1.5	1.5	1.5	1.6
152.5°	1.6	1.6	1.4	1.5	1.6
153°	1.6	1.5	1.5	1.6	1.7
153.5°	1.7	1.6	1.4	1.5	1.6
154°	1.6	1.6	1.5	1.5	1.6
154.5°	1.6	1.5	1.5	1.6	1.7
155°	1.6	1.6	1.6	1.6	1.7
155.5°	1.6	1.5	1.5	1.6	1.7
156°	1.6	1.6	1.6	1.6	1.7



TEST NUMBER: P#

CATALOG NUMBER: 44ID-60-L830-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
157.5°	1.6	1.5	1.5	1.6	1.6
158°	1.7	1.6	1.5	1.6	1.7
158.5°	1.6	1.6	1.5	1.6	1.6
159°	1.6	1.6	1.5	1.6	1.7
159.5°	1.6	1.5	1.5	1.6	1.8
160°	1.6	1.6	1.5	1.6	1.7
160.5°	1.6	1.5	1.5	1.6	1.7
161°	1.6	1.5	1.5	1.6	1.7
161.5°	1.6	1.6	1.5	1.5	1.6
162°	1.6	1.5	1.6	1.6	1.6
162.5°	1.6	1.6	1.6	1.6	1.6
163°	1.6	1.6	1.6	1.6	1.6
163.5°	1.6	1.6	1.6	1.6	1.7
164°	1.6	1.6	1.6	1.7	1.7
164.5°	1.5	1.6	1.6	1.7	1.7
165°	1.6	1.6	1.5	1.6	1.7
165.5°	1.5	1.6	1.5	1.8	1.7
166°	1.6	1.6	1.6	1.7	1.6
166.5°	1.6	1.6	1.5	1.7	1.6
167°	1.6	1.7	1.6	1.8	1.7
167.5°	1.6	1.7	1.6	1.8	1.7
168°	1.6	1.6	1.6	1.8	1.7
168.5°	1.6	1.7	1.6	1.9	1.7
169°	1.7	1.7	1.6	1.9	1.7
169.5°	1.7	1.7	1.6	1.9	1.8
170°	1.7	1.7	1.6	1.9	1.7
170.5°	1.7	1.8	1.6	1.9	1.8
171°	1.7	1.7	1.7	1.9	1.9
171.5°	1.7	1.7	1.7	1.9	1.8
172°	1.7	1.7	1.8	1.9	1.8
172.5°	1.8	1.8	1.8	1.9	1.8
173°	1.7	1.7	1.8	1.9	1.9
173.5°	1.8	1.8	1.9	1.9	1.9
174°	1.9	1.9	2.0	1.9	1.9
174.5°	1.9	1.9	1.9	2.0	1.9
175°	2.0	1.9	2.0	2.0	1.9
175.5°	2.0	1.9	2.1	2.0	2.0
176°	2.1	2.0	2.0	1.9	1.9
176.5°	2.1	2.0	2.0	1.9	1.9
177°	2.0	2.0	1.9	1.9	1.9
177.5°	2.1	2.0	1.9	1.8	2.0
178°	1.9	1.9	1.8	1.8	1.9
178.5°	1.9	1.9	1.8	1.8	1.8



TEST NUMBER: P#

CATALOG NUMBER: 44ID-60-L830-CFR2

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	1.6	1.6	1.6	1.6	1.6



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







21.5°	1733.3	1731.2	1722.8	1714.8	1711.4
22°	1732.5	1730.4	1721.5	1713.5	1710.1



44°	1551.6	1545.2	1532.6	1525.0	1519.9
44.5°	1541.9	1535.1	1523.3	1515.3	1510.2



66.5°	828.7	825.3	819.0	816.9	814.8
67°	808.0	804.2	798.3	796.2	794.5



89°	12.3	12.1	12.0	12.6	12.8
89.5°	5.4	5.5	5.4	5.8	5.7



111.5°	1.1	0.9	1.0	1.0	0.9
112°	1.1	1.0	1.0	1.0	1.1



134°	2.2	2.1	2.1	2.0	2.2
134.5°	2.2	2.1	2.1	1.9	2.0



156.5°	1.6	1.5	1.6	1.6	1.6
157°	1.6	1.5	1.6	1.6	1.6



179°	1.8	1.8	1.7	1.7	1.8
179.5°	1.6	1.7	1.6	1.6	1.7



(END OF REPORT)