

Scaled data based on original data using

LM-41-14 Approved Method for Photometric Testing Of Indoor Fluorescent Luminaires

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: CORELITE

Report Number: 19870

Luminaire Tested: **SW-WB-2T5-IC-12-DL100**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: 19870
Test Lab:
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: SW-WB-2T5-IC-12-DL100
Description: WHITE INTERIOR AND WHITE LENS OVER 23 CELL WHITE LOUVER WITH SOLID TOP COVER
Light Source: TWO PHILIPS 54 WATT T5 LAMPS

F54T5/841HO. LUMEN RATING = 4500 LMS.

Ballast/Driver: -

Summary

Lumens per Lamp: 4500 (2 lamps)
Luminaire Lumens: 4362.9 lumens
Efficiency: 48.5%
Efficacy: 42.0 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.11 / 1.28
Luminous Opening: Rectangular w/ Sides (W: 0.51' x L: 4' x H: 0.29')
CIE Type: Direct

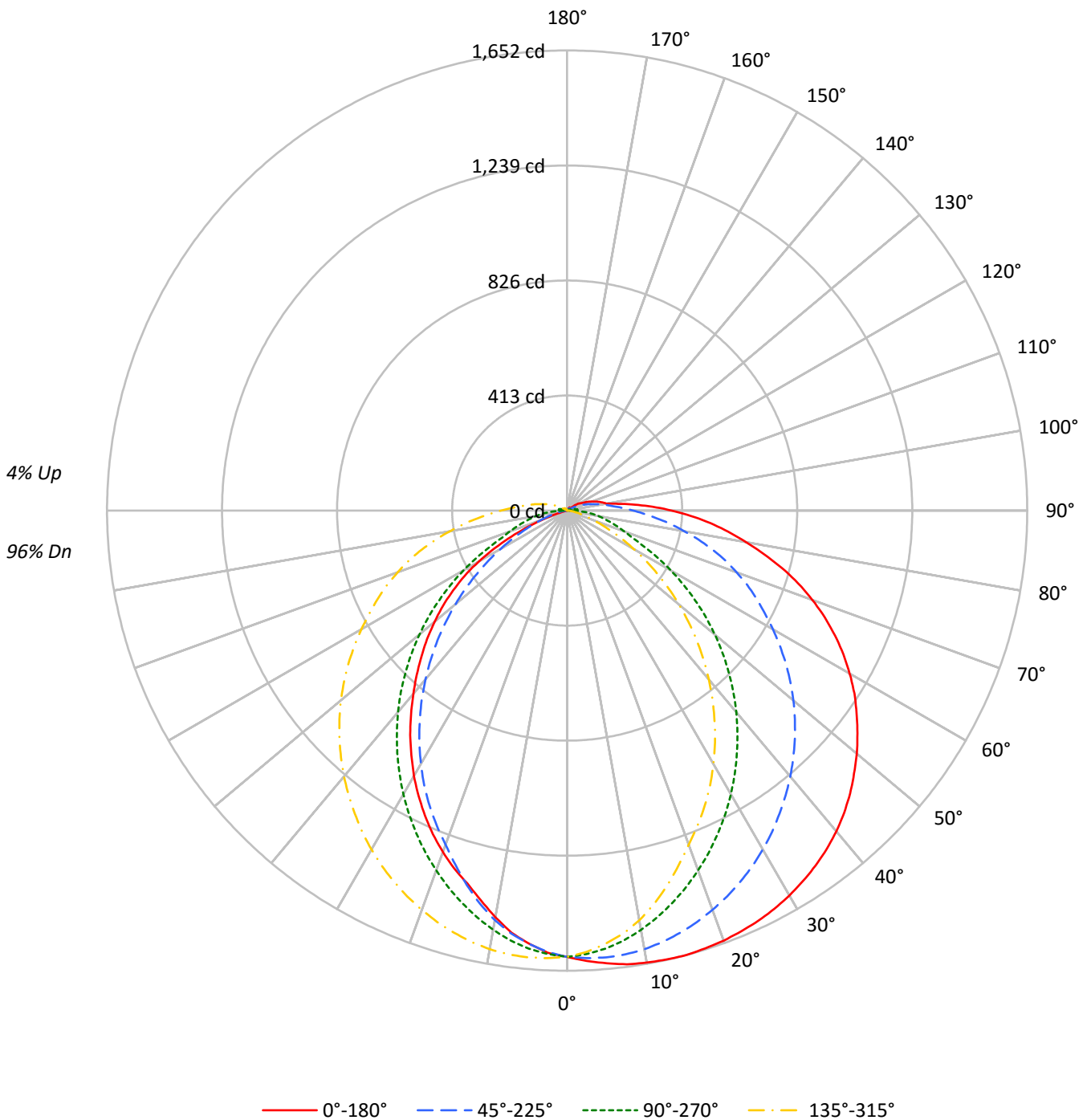
Input Watts (W): 104
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: 19870

CATALOG NUMBER: SW-WB-2T5-IC-12-DL100

Luminous Intensity Polar Plot





TEST NUMBER: 19870

CATALOG NUMBER: SW-WB-2T5-IC-12-DL100

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|--|----|--|--|--|--|--|--|--|--|----|---|
| RF | 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 | 50 | 30 | 10 | 0 | | | | | | | | | | | | | | |
| RCR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 57 | 57 | 57 | 57 | 56 | 56 | 56 | 56 | 53 | 53 | 53 | 50 | 50 | 50 | 48 | 48 | 48 | 47 | | | | | | 47 | | | | | | | | | | | | | | |
| 1 | 52 | 49 | 47 | 45 | 50 | 48 | 46 | 44 | 46 | 44 | 43 | 43 | 42 | 41 | 41 | 40 | 39 | 38 | | | | | | 38 | | | | | | | | | | | | | | |
| 2 | 47 | 43 | 40 | 37 | 46 | 42 | 39 | 36 | 40 | 37 | 35 | 38 | 36 | 34 | 36 | 35 | 33 | 32 | | | | | | 32 | | | | | | | | | | | | | | |
| 3 | 43 | 38 | 34 | 31 | 42 | 37 | 33 | 30 | 35 | 32 | 29 | 34 | 31 | 29 | 32 | 30 | 28 | 27 | | | | | | 27 | | | | | | | | | | | | | | |
| 4 | 39 | 34 | 29 | 26 | 38 | 33 | 29 | 26 | 31 | 28 | 25 | 30 | 27 | 25 | 29 | 26 | 24 | 23 | | | | | | 23 | | | | | | | | | | | | | | |
| 5 | 36 | 30 | 26 | 23 | 35 | 29 | 25 | 22 | 28 | 25 | 22 | 27 | 24 | 21 | 26 | 23 | 21 | 20 | | | | | | 20 | | | | | | | | | | | | | | |
| 6 | 34 | 27 | 23 | 20 | 33 | 27 | 23 | 20 | 26 | 22 | 19 | 25 | 21 | 19 | 24 | 21 | 19 | 18 | | | | | | 18 | | | | | | | | | | | | | | |
| 7 | 31 | 25 | 20 | 17 | 30 | 24 | 20 | 17 | 23 | 20 | 17 | 22 | 19 | 17 | 22 | 19 | 17 | 16 | | | | | | 16 | | | | | | | | | | | | | | |
| 8 | 29 | 23 | 18 | 16 | 28 | 22 | 18 | 16 | 21 | 18 | 15 | 21 | 17 | 15 | 20 | 17 | 15 | 14 | | | | | | 14 | | | | | | | | | | | | | | |
| 9 | 27 | 21 | 17 | 14 | 26 | 20 | 17 | 14 | 20 | 16 | 14 | 19 | 16 | 14 | 18 | 16 | 13 | 13 | | | | | | 13 | | | | | | | | | | | | | | |
| 10 | 26 | 19 | 15 | 13 | 25 | 19 | 15 | 13 | 18 | 15 | 13 | 18 | 15 | 12 | 17 | 14 | 12 | 11 | | | | | | 11 | | | | | | | | | | | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|-------|------|------|------|
| 0° | 8455 | 8455 | 8455 | 8455 |
| 5° | 8584 | 7965 | 8216 | 7965 |
| 10° | 8717 | 7442 | 7844 | 7442 |
| 15° | 8853 | 6912 | 7424 | 6912 |
| 20° | 8987 | 6394 | 7137 | 6394 |
| 25° | 9150 | 5890 | 6802 | 5890 |
| 30° | 9333 | 5392 | 6432 | 5392 |
| 35° | 9535 | 4897 | 6025 | 4897 |
| 40° | 9761 | 4405 | 5577 | 4405 |
| 45° | 9997 | 3901 | 5139 | 3901 |
| 50° | 10259 | 3385 | 4685 | 3385 |
| 55° | 10573 | 2846 | 4160 | 2846 |
| 60° | 10984 | 2285 | 3438 | 2285 |
| 65° | 11462 | 1705 | 2375 | 1705 |
| 70° | 12047 | 1313 | 1151 | 1313 |
| 75° | 12812 | 1051 | 0 | 1051 |
| 80° | 14052 | 816 | 0 | 816 |
| 85° | 17106 | 549 | 0 | 549 |



TEST NUMBER: 19870

CATALOG NUMBER: SW-WB-2T5-IC-12-DL100

ZONAL LUMENS:

| Zone | Lumens | % Fixture | % Lamp |
|-----------|--------|-----------|--------|
| 0°-10° | 150.3 | 3.4 | 1.7 |
| 10°-20° | 418.9 | 9.6 | 4.7 |
| 20°-30° | 614.8 | 14.1 | 6.8 |
| 30°-40° | 716.1 | 16.4 | 8.0 |
| 40°-50° | 716.5 | 16.4 | 8.0 |
| 50°-60° | 623.7 | 14.3 | 6.9 |
| 60°-70° | 465.4 | 10.7 | 5.2 |
| 70°-80° | 306.5 | 7.0 | 3.4 |
| 80°-90° | 182.2 | 4.2 | 2.0 |
| 90°-100° | 91.6 | 2.1 | 1.0 |
| 100°-110° | 45.1 | 1.0 | 0.5 |
| 110°-120° | 21.1 | 0.5 | 0.2 |
| 120°-130° | 6.1 | 0.1 | 0.1 |
| 130°-140° | 2.3 | 0.1 | 0.0 |
| 140°-150° | 1.8 | 0.0 | 0.0 |
| 150°-160° | 0.4 | 0.0 | 0.0 |
| 160°-170° | 0.1 | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 | 0.0 |
| 0°-30° | 1183.9 | 27.1 | 13.2 |
| 0°-40° | 1900.0 | 43.5 | 21.1 |
| 0°-60° | 3240.2 | 74.3 | 36.0 |
| 0°-90° | 4194.4 | 96.1 | 46.6 |
| 90°-120° | 157.9 | 3.6 | 1.8 |
| 90°-150° | 168.1 | 3.9 | 1.9 |
| 90°-180° | 169.0 | 3.9 | 1.9 |
| 0°-180° | 4362.9 | 100.0 | 48.5 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0° | 1602 | 1602 | 1602 | 1602 | 1602 | |
| 5° | 1631 | 1579 | 1561 | 1579 | 1631 | 156 |
| 15° | 1652 | 1458 | 1386 | 1458 | 1652 | 467 |
| 25° | 1625 | 1280 | 1208 | 1280 | 1625 | 750 |
| 35° | 1555 | 1063 | 983 | 1063 | 1555 | 975 |
| 45° | 1437 | 820 | 739 | 820 | 1437 | 1109 |
| 55° | 1268 | 561 | 499 | 561 | 1268 | 1136 |
| 65° | 1061 | 303 | 220 | 303 | 1061 | 1049 |
| 75° | 798 | 161 | 0 | 161 | 798 | 842 |
| 85° | 517 | 68 | 0 | 68 | 517 | 449 |
| 90° | 375 | 6 | 0 | 6 | 375 | 206 |
| 95° | 244 | 37 | 0 | 37 | 244 | 178 |
| 105° | 120 | 19 | 0 | 19 | 120 | 127 |
| 115° | 70 | 8 | 0 | 8 | 70 | 71 |
| 125° | 28 | 2 | 0 | 2 | 28 | 25 |
| 135° | 2 | 0 | 0 | 0 | 2 | 2 |
| 145° | 11 | 0 | 0 | 0 | 11 | 7 |
| 155° | 3 | 0 | 0 | 0 | 3 | 1 |
| 165° | 0 | 0 | 0 | 0 | 0 | 0 |
| 175° | 0 | 0 | 0 | 0 | 0 | 0 |
| 180° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: 19870

CATALOG NUMBER: SW-WB-2T5-IC-12-DL100

CANDELA DISTRIBUTION (FULL):

| | 0° | 22.5° | 45° | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° | 202.5° | 225° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1602.4 | 1602.4 | 1602.4 | 1602.4 | 1602.4 | 1602.4 | 1602.4 | 1602.4 | 1602.4 | 1602.4 | 1602.4 |
| 2.5° | 1618.8 | 1617.0 | 1608.2 | 1601.9 | 1593.2 | 1588.7 | 1586.0 | 1586.0 | 1589.0 | 1586.0 | 1586.0 |
| 5° | 1631.0 | 1627.1 | 1610.0 | 1594.6 | 1578.7 | 1571.2 | 1561.8 | 1564.4 | 1561.1 | 1564.4 | 1561.8 |
| 7.5° | 1643.1 | 1633.8 | 1606.8 | 1580.2 | 1556.7 | 1544.3 | 1532.6 | 1529.9 | 1528.5 | 1529.9 | 1532.6 |
| 10° | 1647.8 | 1635.4 | 1599.2 | 1560.6 | 1528.3 | 1511.8 | 1493.2 | 1487.1 | 1482.7 | 1487.1 | 1493.2 |
| 12.5° | 1650.7 | 1633.1 | 1585.9 | 1537.4 | 1495.4 | 1474.0 | 1445.7 | 1432.8 | 1432.4 | 1432.8 | 1445.7 |
| 15° | 1652.1 | 1628.1 | 1569.1 | 1510.0 | 1458.2 | 1430.7 | 1392.0 | 1381.6 | 1385.5 | 1381.6 | 1392.0 |
| 17.5° | 1647.9 | 1617.5 | 1549.0 | 1478.8 | 1418.1 | 1383.4 | 1333.8 | 1335.9 | 1347.5 | 1335.9 | 1333.8 |
| 20° | 1642.8 | 1607.0 | 1525.3 | 1444.7 | 1374.5 | 1330.1 | 1275.9 | 1290.3 | 1304.5 | 1290.3 | 1275.9 |
| 22.5° | 1634.7 | 1592.7 | 1499.5 | 1408.4 | 1328.8 | 1273.9 | 1223.7 | 1240.7 | 1258.4 | 1240.7 | 1223.7 |
| 25° | 1624.7 | 1574.1 | 1470.6 | 1369.2 | 1279.9 | 1215.6 | 1168.8 | 1186.3 | 1207.9 | 1186.3 | 1168.8 |
| 27.5° | 1611.6 | 1554.9 | 1439.2 | 1327.5 | 1228.9 | 1154.0 | 1111.9 | 1129.5 | 1154.8 | 1129.5 | 1111.9 |
| 30° | 1595.9 | 1531.6 | 1405.3 | 1284.0 | 1175.6 | 1090.2 | 1049.8 | 1069.7 | 1099.8 | 1069.7 | 1049.8 |
| 32.5° | 1576.5 | 1506.1 | 1368.3 | 1237.5 | 1120.0 | 1026.9 | 987.8 | 1008.4 | 1040.8 | 1008.4 | 987.8 |
| 35° | 1555.4 | 1477.8 | 1328.7 | 1189.0 | 1063.0 | 964.0 | 922.7 | 944.9 | 982.8 | 944.9 | 922.7 |
| 37.5° | 1530.9 | 1447.7 | 1288.4 | 1139.8 | 1004.2 | 900.8 | 857.7 | 881.2 | 920.8 | 881.2 | 857.7 |
| 40° | 1503.4 | 1414.6 | 1246.2 | 1088.4 | 944.6 | 836.2 | 790.8 | 816.1 | 859.0 | 816.1 | 790.8 |
| 42.5° | 1471.9 | 1379.3 | 1201.7 | 1035.1 | 883.3 | 770.1 | 724.5 | 751.0 | 799.0 | 751.0 | 724.5 |
| 45° | 1436.8 | 1340.3 | 1156.4 | 980.5 | 820.1 | 702.4 | 657.7 | 687.4 | 738.6 | 687.4 | 657.7 |
| 47.5° | 1397.3 | 1297.4 | 1108.5 | 924.8 | 756.8 | 633.1 | 590.4 | 624.3 | 682.3 | 624.3 | 590.4 |
| 50° | 1357.7 | 1254.1 | 1060.5 | 868.0 | 691.9 | 564.6 | 523.7 | 561.7 | 620.1 | 561.7 | 523.7 |
| 52.5° | 1313.8 | 1208.2 | 1009.7 | 809.6 | 626.9 | 495.2 | 459.2 | 500.6 | 562.5 | 500.6 | 459.2 |
| 55° | 1268.3 | 1159.5 | 958.7 | 751.9 | 560.6 | 427.7 | 395.1 | 442.3 | 499.0 | 442.3 | 395.1 |
| 57.5° | 1223.0 | 1111.0 | 905.6 | 693.1 | 494.7 | 361.9 | 333.8 | 380.0 | 437.3 | 380.0 | 333.8 |
| 60° | 1171.6 | 1063.5 | 853.4 | 634.8 | 429.8 | 298.9 | 276.5 | 322.4 | 366.7 | 322.4 | 276.5 |
| 62.5° | 1118.3 | 1012.2 | 799.7 | 576.5 | 364.6 | 241.0 | 223.9 | 259.2 | 292.7 | 259.2 | 223.9 |
| 65° | 1060.8 | 956.8 | 750.8 | 519.7 | 303.1 | 190.5 | 176.4 | 200.0 | 219.8 | 200.0 | 176.4 |
| 67.5° | 1001.0 | 901.7 | 700.1 | 463.3 | 252.3 | 153.0 | 135.8 | 145.3 | 149.9 | 145.3 | 135.8 |
| 70° | 936.4 | 840.4 | 646.9 | 408.5 | 218.1 | 122.1 | 100.7 | 100.1 | 89.5 | 100.1 | 100.7 |
| 72.5° | 870.4 | 779.9 | 595.4 | 357.1 | 188.5 | 95.9 | 73.8 | 66.5 | 34.8 | 66.5 | 73.8 |
| 75° | 798.5 | 716.1 | 539.1 | 310.2 | 161.0 | 72.0 | 54.5 | 42.0 | 0.0 | 42.0 | 54.5 |
| 77.5° | 724.1 | 646.2 | 483.4 | 272.9 | 135.9 | 52.4 | 38.6 | 30.1 | 0.0 | 30.1 | 38.6 |
| 80° | 652.6 | 585.0 | 427.9 | 239.6 | 113.4 | 37.0 | 27.1 | 21.5 | 0.0 | 21.5 | 27.1 |
| 82.5° | 582.7 | 521.4 | 374.7 | 210.9 | 92.8 | 24.6 | 18.5 | 15.3 | 0.0 | 15.3 | 18.5 |
| 85° | 516.7 | 463.3 | 324.7 | 183.2 | 68.0 | 16.0 | 12.1 | 10.4 | 0.0 | 10.4 | 12.1 |
| 87.5° | 444.9 | 401.4 | 277.2 | 154.5 | 32.2 | 10.8 | 7.6 | 7.2 | 0.0 | 7.2 | 7.6 |
| 90° | 375.4 | 344.3 | 237.1 | 130.0 | 5.8 | 7.9 | 4.3 | 4.6 | 0.0 | 4.6 | 4.3 |
| 92.5° | 307.1 | 289.4 | 200.7 | 108.0 | 25.1 | 6.5 | 2.2 | 2.1 | 0.0 | 2.1 | 2.2 |
| 95° | 243.5 | 239.4 | 170.6 | 88.7 | 37.2 | 5.5 | 0.9 | 0.1 | 0.0 | 0.1 | 0.9 |
| 97.5° | 184.8 | 193.9 | 146.6 | 71.3 | 35.6 | 4.6 | 0.1 | 0.0 | 0.0 | 0.0 | 0.1 |
| 100° | 143.7 | 169.2 | 126.2 | 54.7 | 29.7 | 3.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 132.6 | 152.2 | 106.8 | 41.3 | 24.0 | 2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 119.9 | 134.7 | 89.6 | 30.3 | 19.1 | 1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 106.6 | 118.1 | 74.4 | 21.1 | 15.0 | 1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 95.4 | 103.5 | 61.0 | 17.4 | 11.8 | 1.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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CATALOG NUMBER: SW-WB-2T5-IC-12-DL100

CANDELA DISTRIBUTION (continued):

| | 0° | 22.5° | 45° | 67.5° | 90° | 112.5° | 135° | 157.5° | 180° | 202.5° | 225° |
|--------|------|-------|------|-------|-----|--------|------|--------|------|--------|------|
| 112.5° | 84.2 | 87.6 | 50.2 | 14.1 | 9.3 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 69.7 | 71.5 | 39.7 | 15.1 | 7.5 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 58.1 | 60.3 | 20.9 | 14.4 | 6.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 51.3 | 52.6 | 8.8 | 12.7 | 4.6 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 46.1 | 38.2 | 7.3 | 11.3 | 3.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 28.5 | 13.0 | 5.9 | 10.1 | 2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 6.8 | 4.1 | 4.7 | 8.7 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 1.7 | 3.5 | 10.0 | 7.6 | 0.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 1.4 | 3.0 | 12.5 | 6.6 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 1.5 | 2.6 | 10.4 | 5.7 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 1.6 | 10.3 | 8.8 | 5.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 11.3 | 14.2 | 7.4 | 4.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 14.0 | 11.2 | 6.1 | 3.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 10.6 | 8.8 | 4.8 | 3.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 7.9 | 6.6 | 3.8 | 2.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 5.9 | 4.9 | 2.7 | 2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 3.9 | 3.4 | 2.1 | 1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 2.9 | 2.3 | 1.5 | 1.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 1.7 | 1.0 | 1.0 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.9 | 0.5 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.2 | 0.3 | 0.7 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.1 | 0.1 | 0.5 | 0.6 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.5 | 0.0 | 0.2 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.1 | 0.2 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: 19870

CATALOG NUMBER: SW-WB-2T5-IC-12-DL100

CANDELA DISTRIBUTION (continued):

| | 247.5° | 270° | 292.5° | 315° | 337.5° | 360° |
|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1602.4 | 1602.4 | 1602.4 | 1602.4 | 1602.4 | 1602.4 |
| 2.5° | 1588.7 | 1593.2 | 1601.9 | 1608.2 | 1617.0 | 1618.8 |
| 5° | 1571.2 | 1578.7 | 1594.6 | 1610.0 | 1627.1 | 1631.0 |
| 7.5° | 1544.3 | 1556.7 | 1580.2 | 1606.8 | 1633.8 | 1643.1 |
| 10° | 1511.8 | 1528.3 | 1560.6 | 1599.2 | 1635.4 | 1647.8 |
| 12.5° | 1474.0 | 1495.4 | 1537.4 | 1585.9 | 1633.1 | 1650.7 |
| 15° | 1430.7 | 1458.2 | 1510.0 | 1569.1 | 1628.1 | 1652.1 |
| 17.5° | 1383.4 | 1418.1 | 1478.8 | 1549.0 | 1617.5 | 1647.9 |
| 20° | 1330.1 | 1374.5 | 1444.7 | 1525.3 | 1607.0 | 1642.8 |
| 22.5° | 1273.9 | 1328.8 | 1408.4 | 1499.5 | 1592.7 | 1634.7 |
| 25° | 1215.6 | 1279.9 | 1369.2 | 1470.6 | 1574.1 | 1624.7 |
| 27.5° | 1154.0 | 1228.9 | 1327.5 | 1439.2 | 1554.9 | 1611.6 |
| 30° | 1090.2 | 1175.6 | 1284.0 | 1405.3 | 1531.6 | 1595.9 |
| 32.5° | 1026.9 | 1120.0 | 1237.5 | 1368.3 | 1506.1 | 1576.5 |
| 35° | 964.0 | 1063.0 | 1189.0 | 1328.7 | 1477.8 | 1555.4 |
| 37.5° | 900.8 | 1004.2 | 1139.8 | 1288.4 | 1447.7 | 1530.9 |
| 40° | 836.2 | 944.6 | 1088.4 | 1246.2 | 1414.6 | 1503.4 |
| 42.5° | 770.1 | 883.3 | 1035.1 | 1201.7 | 1379.3 | 1471.9 |
| 45° | 702.4 | 820.1 | 980.5 | 1156.4 | 1340.3 | 1436.8 |
| 47.5° | 633.1 | 756.8 | 924.8 | 1108.5 | 1297.4 | 1397.3 |
| 50° | 564.6 | 691.9 | 868.0 | 1060.5 | 1254.1 | 1357.7 |
| 52.5° | 495.2 | 626.9 | 809.6 | 1009.7 | 1208.2 | 1313.8 |
| 55° | 427.7 | 560.6 | 751.9 | 958.7 | 1159.5 | 1268.3 |
| 57.5° | 361.9 | 494.7 | 693.1 | 905.6 | 1111.0 | 1223.0 |
| 60° | 298.9 | 429.8 | 634.8 | 853.4 | 1063.5 | 1171.6 |
| 62.5° | 241.0 | 364.6 | 576.5 | 799.7 | 1012.2 | 1118.3 |
| 65° | 190.5 | 303.1 | 519.7 | 750.8 | 956.8 | 1060.8 |
| 67.5° | 153.0 | 252.3 | 463.3 | 700.1 | 901.7 | 1001.0 |
| 70° | 122.1 | 218.1 | 408.5 | 646.9 | 840.4 | 936.4 |
| 72.5° | 95.9 | 188.5 | 357.1 | 595.4 | 779.9 | 870.4 |
| 75° | 72.0 | 161.0 | 310.2 | 539.1 | 716.1 | 798.5 |
| 77.5° | 52.4 | 135.9 | 272.9 | 483.4 | 646.2 | 724.1 |
| 80° | 37.0 | 113.4 | 239.6 | 427.9 | 585.0 | 652.6 |
| 82.5° | 24.6 | 92.8 | 210.9 | 374.7 | 521.4 | 582.7 |
| 85° | 16.0 | 68.0 | 183.2 | 324.7 | 463.3 | 516.7 |
| 87.5° | 10.8 | 32.2 | 154.5 | 277.2 | 401.4 | 444.9 |
| 90° | 7.9 | 5.8 | 130.0 | 237.1 | 344.3 | 375.4 |
| 92.5° | 6.5 | 25.1 | 108.0 | 200.7 | 289.4 | 307.1 |
| 95° | 5.5 | 37.2 | 88.7 | 170.6 | 239.4 | 243.5 |
| 97.5° | 4.6 | 35.6 | 71.3 | 146.6 | 193.9 | 184.8 |
| 100° | 3.4 | 29.7 | 54.7 | 126.2 | 169.2 | 143.7 |
| 102.5° | 2.5 | 24.0 | 41.3 | 106.8 | 152.2 | 132.6 |
| 105° | 1.9 | 19.1 | 30.3 | 89.6 | 134.7 | 119.9 |
| 107.5° | 1.6 | 15.0 | 21.1 | 74.4 | 118.1 | 106.6 |
| 110° | 1.4 | 11.8 | 17.4 | 61.0 | 103.5 | 95.4 |



TEST NUMBER: 19870

CATALOG NUMBER: SW-WB-2T5-IC-12-DL100

CANDELA DISTRIBUTION (continued):

| | 247.5° | 270° | 292.5° | 315° | 337.5° | 360° |
|--------|--------|------|--------|------|--------|------|
| 112.5° | 1.0 | 9.3 | 14.1 | 50.2 | 87.6 | 84.2 |
| 115° | 0.7 | 7.5 | 15.1 | 39.7 | 71.5 | 69.7 |
| 117.5° | 0.3 | 6.0 | 14.4 | 20.9 | 60.3 | 58.1 |
| 120° | 0.1 | 4.6 | 12.7 | 8.8 | 52.6 | 51.3 |
| 122.5° | 0.0 | 3.4 | 11.3 | 7.3 | 38.2 | 46.1 |
| 125° | 0.0 | 2.5 | 10.1 | 5.9 | 13.0 | 28.5 |
| 127.5° | 0.0 | 1.5 | 8.7 | 4.7 | 4.1 | 6.8 |
| 130° | 0.0 | 0.9 | 7.6 | 10.0 | 3.5 | 1.7 |
| 132.5° | 0.0 | 0.5 | 6.6 | 12.5 | 3.0 | 1.4 |
| 135° | 0.0 | 0.2 | 5.7 | 10.4 | 2.6 | 1.5 |
| 137.5° | 0.0 | 0.0 | 5.0 | 8.8 | 10.3 | 1.6 |
| 140° | 0.0 | 0.0 | 4.2 | 7.4 | 14.2 | 11.3 |
| 142.5° | 0.0 | 0.0 | 3.7 | 6.1 | 11.2 | 14.0 |
| 145° | 0.0 | 0.0 | 3.1 | 4.8 | 8.8 | 10.6 |
| 147.5° | 0.0 | 0.0 | 2.7 | 3.8 | 6.6 | 7.9 |
| 150° | 0.0 | 0.0 | 2.3 | 2.7 | 4.9 | 5.9 |
| 152.5° | 0.0 | 0.0 | 1.8 | 2.1 | 3.4 | 3.9 |
| 155° | 0.0 | 0.0 | 1.4 | 1.5 | 2.3 | 2.9 |
| 157.5° | 0.0 | 0.0 | 1.1 | 1.0 | 1.0 | 1.7 |
| 160° | 0.0 | 0.0 | 1.0 | 1.0 | 0.5 | 0.9 |
| 162.5° | 0.0 | 0.0 | 0.7 | 0.7 | 0.3 | 0.2 |
| 165° | 0.1 | 0.0 | 0.6 | 0.5 | 0.1 | 0.1 |
| 167.5° | 0.0 | 0.0 | 0.5 | 0.2 | 0.0 | 0.5 |
| 170° | 0.1 | 0.0 | 0.2 | 0.1 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)