

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: METALUX

Report Number: P236447

Luminaire Tested: **SKB2-LD5-15-W-UNV-L850-CD2-U all blades horizontal**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P236447
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P24072)
Test Lab: INNOVATION CENTER P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: SKB2-LD5-15-W-UNV-L850-CD2-U all blades horizontal
Description: METALUX SKYBAR LED WAVESTREAM LUMINAIRE
2 BLADES WITH WIDE DISTRIBUTION LENS, ALL BLADES HORIZONTAL
Light Source: (476) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

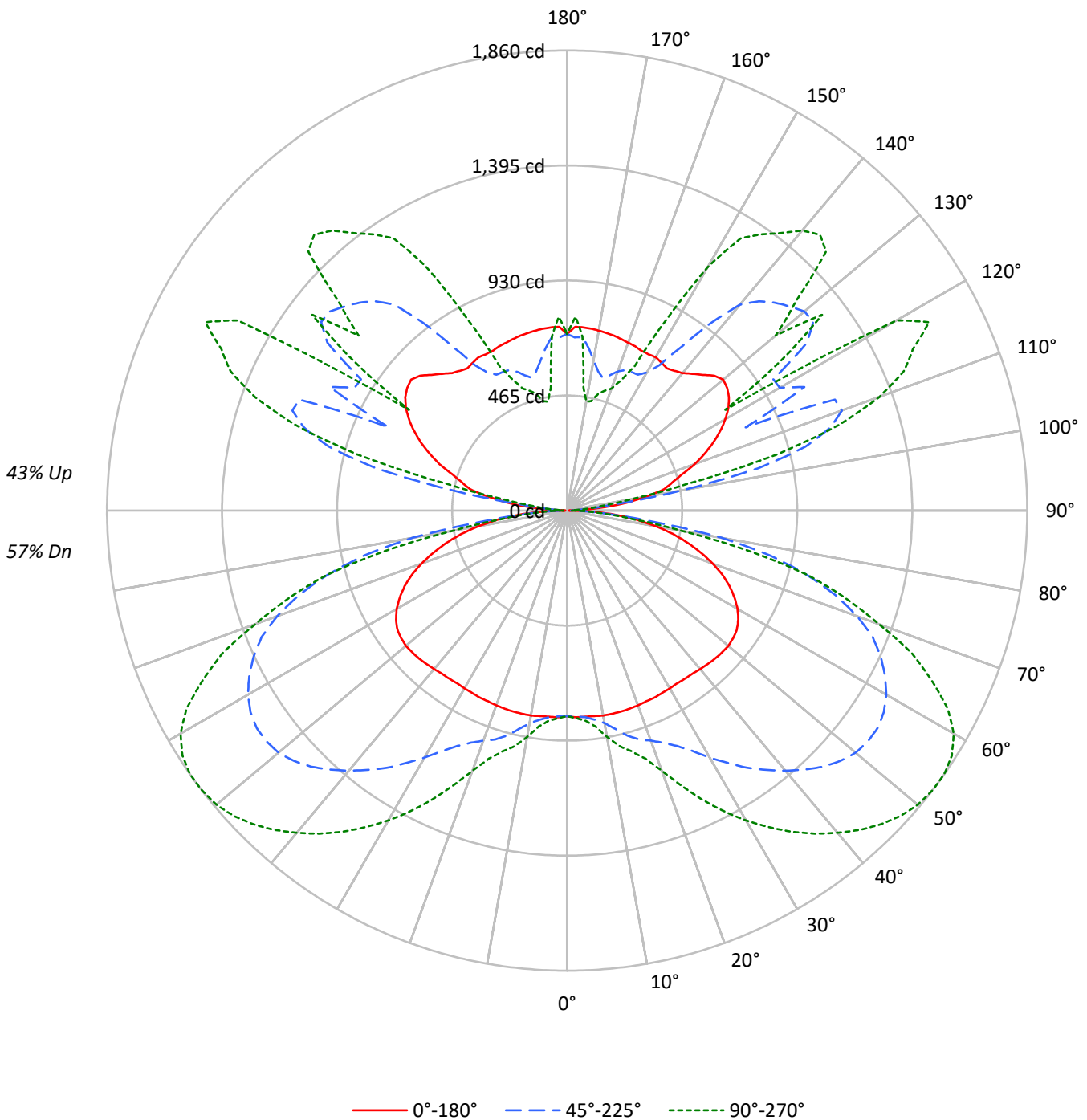
Lumens per Lamp: N/A
Luminaire Lumens: 11344.0 lumens
Efficiency: N/A
Efficacy: 85.7 lumens/watt
Spacing Criteria (0/90/45): 1.53 / 2.62 / 2.36
Luminous Opening: Rectangular (W 1.25' x L: 2' x H: 0')
CIE Type: General Diffuse

Input Watts (W): 132.4
Input Voltage (V): 120
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: P236447

CATALOG NUMBER: SKB2-LD5-15-W-UNV-L850-CD2-U all blades horizontal

Luminous Intensity Polar Plot





TEST NUMBER: P236447

CATALOG NUMBER: SKB2-LD5-15-W-UNV-L850-CD2-U all blades horizontal

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 |
| RCR | | | | | | | | | | | | | | | | | |
| 0 | 109 | 109 | 109 | 109 | 101 | 101 | 101 | 101 | 87 | 87 | 87 | 74 | 74 | 74 | 62 | 62 | 62 |
| 1 | 97 | 92 | 87 | 83 | 90 | 86 | 82 | 78 | 73 | 70 | 67 | 62 | 60 | 58 | 52 | 50 | 49 |
| 2 | 87 | 78 | 71 | 65 | 80 | 73 | 66 | 61 | 62 | 57 | 53 | 52 | 49 | 45 | 43 | 41 | 38 |
| 3 | 78 | 67 | 59 | 52 | 72 | 62 | 55 | 49 | 53 | 47 | 42 | 45 | 40 | 36 | 37 | 33 | 30 |
| 4 | 71 | 58 | 49 | 42 | 65 | 54 | 46 | 40 | 46 | 40 | 35 | 39 | 34 | 30 | 32 | 28 | 25 |
| 5 | 64 | 51 | 42 | 35 | 59 | 48 | 39 | 33 | 41 | 34 | 29 | 34 | 29 | 25 | 28 | 24 | 20 |
| 6 | 59 | 45 | 36 | 30 | 54 | 42 | 34 | 28 | 36 | 29 | 24 | 30 | 25 | 21 | 25 | 21 | 17 |
| 7 | 54 | 40 | 32 | 25 | 50 | 38 | 30 | 24 | 32 | 26 | 21 | 27 | 22 | 18 | 22 | 18 | 15 |
| 8 | 50 | 36 | 28 | 22 | 46 | 34 | 26 | 21 | 29 | 23 | 18 | 24 | 19 | 15 | 20 | 16 | 13 |
| 9 | 46 | 33 | 25 | 19 | 43 | 31 | 23 | 18 | 26 | 20 | 16 | 22 | 17 | 13 | 18 | 14 | 11 |
| 10 | 43 | 30 | 22 | 17 | 40 | 28 | 21 | 16 | 24 | 18 | 14 | 20 | 15 | 12 | 17 | 13 | 10 |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 45° | 90° |
|-----|------|-------|-------|
| 0° | 3579 | 3579 | 3579 |
| 5° | 3614 | 3621 | 3685 |
| 10° | 3677 | 3812 | 4062 |
| 15° | 3749 | 4199 | 4490 |
| 20° | 3839 | 4533 | 5123 |
| 25° | 3964 | 4987 | 6117 |
| 30° | 4125 | 5729 | 7188 |
| 35° | 4361 | 6674 | 8327 |
| 40° | 4700 | 7714 | 9555 |
| 45° | 5151 | 8912 | 10918 |
| 50° | 5699 | 10197 | 12392 |
| 55° | 6289 | 11501 | 13961 |
| 60° | 6849 | 12829 | 15538 |
| 65° | 7389 | 14248 | 16573 |
| 70° | 7879 | 15697 | 16888 |
| 75° | 8406 | 16675 | 16757 |
| 80° | 8973 | 15762 | 11559 |
| 85° | 9742 | 8373 | 7973 |



TEST NUMBER: P236447

CATALOG NUMBER: SKB2-LD5-15-W-UNV-L850-CD2-U all blades horizontal

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 81.6 | 0.7 |
| 10°-20° | 265.2 | 2.3 |
| 20°-30° | 494.5 | 4.4 |
| 30°-40° | 779.6 | 6.9 |
| 40°-50° | 1077.0 | 9.5 |
| 50°-60° | 1292.3 | 11.4 |
| 60°-70° | 1282.6 | 11.3 |
| 70°-80° | 923.7 | 8.1 |
| 80°-90° | 247.1 | 2.2 |
| 90°-100° | 155.9 | 1.4 |
| 100°-110° | 836.3 | 7.4 |
| 110°-120° | 1071.3 | 9.4 |
| 120°-130° | 893.8 | 7.9 |
| 130°-140° | 831.9 | 7.3 |
| 140°-150° | 568.0 | 5.0 |
| 150°-160° | 309.2 | 2.7 |
| 160°-170° | 170.3 | 1.5 |
| 170°-180° | 63.4 | 0.6 |
| 0°-30° | 841.3 | 7.4 |
| 0°-40° | 1620.9 | 14.3 |
| 0°-60° | 3990.3 | 35.2 |
| 0°-90° | 6443.8 | 56.8 |
| 90°-120° | 2063.5 | 18.2 |
| 90°-150° | 4357.2 | 38.4 |
| 90°-180° | 4900.0 | 43.2 |
| 0°-180° | 11344.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 22.5° | 45° | 67.5° | 90° | Flux |
|------|-----|-------|------|-------|------|------|
| 0° | 831 | 831 | 831 | 831 | 831 | |
| 5° | 836 | 843 | 838 | 848 | 852 | 80 |
| 15° | 841 | 868 | 942 | 988 | 1007 | 238 |
| 25° | 834 | 923 | 1050 | 1220 | 1288 | 386 |
| 35° | 830 | 969 | 1270 | 1517 | 1584 | 522 |
| 45° | 846 | 1055 | 1464 | 1729 | 1793 | 655 |
| 55° | 838 | 1133 | 1532 | 1790 | 1860 | 746 |
| 65° | 725 | 1061 | 1398 | 1592 | 1627 | 713 |
| 75° | 505 | 812 | 1002 | 1020 | 1007 | 529 |
| 85° | 197 | 271 | 170 | 158 | 161 | 193 |
| 90° | 8 | 12 | 15 | 13 | 16 | 21 |
| 95° | 150 | 134 | 77 | 81 | 80 | 155 |
| 105° | 440 | 727 | 998 | 955 | 880 | 466 |
| 115° | 652 | 885 | 795 | 1510 | 1542 | 643 |
| 125° | 799 | 894 | 1183 | 1231 | 1055 | 710 |
| 135° | 776 | 632 | 1188 | 1452 | 1480 | 603 |
| 145° | 702 | 573 | 812 | 1205 | 1363 | 447 |
| 155° | 712 | 571 | 618 | 676 | 642 | 331 |
| 165° | 732 | 672 | 556 | 551 | 489 | 207 |
| 175° | 743 | 734 | 704 | 635 | 706 | 71 |
| 180° | 714 | 714 | 714 | 714 | 714 | |



TEST NUMBER: P236447

CATALOG NUMBER: SKB2-LD5-15-W-UNV-L850-CD2-U all blades horizontal

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 831.3 | 831.3 | 831.3 | 831.3 | 831.3 | 831.3 | 831.3 | 831.3 | 831.3 | 831.3 | 831.3 |
| 2.5° | 836.2 | 836.2 | 836.2 | 836.2 | 837.8 | 841.1 | 839.4 | 836.2 | 834.5 | 832.9 | 831.3 |
| 5° | 836.2 | 836.2 | 836.2 | 837.8 | 841.1 | 844.3 | 844.3 | 841.1 | 839.4 | 837.8 | 839.4 |
| 7.5° | 837.8 | 837.8 | 839.4 | 842.7 | 845.9 | 849.2 | 850.8 | 852.5 | 852.5 | 852.5 | 854.1 |
| 10° | 841.1 | 841.1 | 842.7 | 847.6 | 850.8 | 859.0 | 862.2 | 862.2 | 865.5 | 872.0 | 880.2 |
| 12.5° | 841.1 | 841.1 | 845.9 | 849.2 | 859.0 | 867.1 | 872.0 | 880.2 | 891.6 | 904.6 | 916.0 |
| 15° | 841.1 | 841.1 | 845.9 | 852.5 | 862.2 | 873.7 | 890.0 | 906.3 | 924.2 | 942.1 | 955.2 |
| 17.5° | 839.4 | 841.1 | 845.9 | 857.4 | 865.5 | 890.0 | 911.1 | 935.6 | 955.2 | 969.8 | 981.2 |
| 20° | 837.8 | 839.4 | 845.9 | 857.4 | 875.3 | 909.5 | 937.2 | 960.0 | 976.3 | 989.4 | 1005.7 |
| 22.5° | 834.5 | 837.8 | 845.9 | 859.0 | 886.7 | 925.8 | 955.2 | 974.7 | 994.3 | 1015.5 | 1039.9 |
| 25° | 834.5 | 836.2 | 847.6 | 865.5 | 901.4 | 945.4 | 968.2 | 987.8 | 1017.1 | 1049.7 | 1087.2 |
| 27.5° | 831.3 | 832.9 | 845.9 | 873.7 | 916.0 | 958.4 | 979.6 | 1010.6 | 1049.7 | 1095.3 | 1145.9 |
| 30° | 829.7 | 831.3 | 844.3 | 881.8 | 929.1 | 966.6 | 994.3 | 1038.3 | 1093.7 | 1152.4 | 1206.2 |
| 32.5° | 828.0 | 831.3 | 847.6 | 893.2 | 938.9 | 976.3 | 1015.5 | 1075.8 | 1145.9 | 1209.4 | 1271.4 |
| 35° | 829.7 | 831.3 | 852.5 | 904.6 | 947.0 | 991.0 | 1043.2 | 1119.8 | 1198.0 | 1269.7 | 1331.7 |
| 37.5° | 831.3 | 834.5 | 862.2 | 916.0 | 955.2 | 1010.6 | 1080.7 | 1167.1 | 1248.6 | 1320.3 | 1388.7 |
| 40° | 836.2 | 839.4 | 873.7 | 925.8 | 968.2 | 1038.3 | 1123.0 | 1216.0 | 1299.1 | 1372.4 | 1442.5 |
| 42.5° | 841.1 | 844.3 | 885.1 | 934.0 | 986.1 | 1070.9 | 1163.8 | 1260.0 | 1346.3 | 1419.7 | 1493.0 |
| 45° | 845.9 | 847.6 | 896.5 | 940.5 | 1007.3 | 1103.5 | 1202.9 | 1300.7 | 1388.7 | 1463.7 | 1537.1 |
| 47.5° | 849.2 | 850.8 | 906.3 | 948.6 | 1030.1 | 1134.5 | 1237.1 | 1334.9 | 1423.0 | 1497.9 | 1569.7 |
| 50° | 850.8 | 852.5 | 909.5 | 956.8 | 1053.0 | 1160.5 | 1264.8 | 1362.6 | 1449.0 | 1522.4 | 1592.5 |
| 52.5° | 845.9 | 850.8 | 903.0 | 961.7 | 1069.3 | 1176.8 | 1282.8 | 1377.3 | 1460.4 | 1532.2 | 1603.9 |
| 55° | 837.8 | 842.7 | 891.6 | 964.9 | 1079.0 | 1186.6 | 1290.9 | 1382.2 | 1460.4 | 1532.2 | 1602.3 |
| 57.5° | 819.9 | 829.7 | 875.3 | 963.3 | 1075.8 | 1185.0 | 1286.0 | 1370.8 | 1449.0 | 1517.5 | 1586.0 |
| 60° | 795.4 | 808.5 | 852.5 | 951.9 | 1064.4 | 1171.9 | 1264.8 | 1346.3 | 1421.3 | 1489.8 | 1558.2 |
| 62.5° | 762.8 | 779.1 | 826.4 | 932.3 | 1043.2 | 1147.5 | 1233.9 | 1310.5 | 1383.8 | 1449.0 | 1515.9 |
| 65° | 725.3 | 741.6 | 798.7 | 904.6 | 1012.2 | 1110.0 | 1189.9 | 1264.8 | 1334.9 | 1398.5 | 1460.4 |
| 67.5° | 679.7 | 694.4 | 761.2 | 868.8 | 969.8 | 1057.8 | 1136.1 | 1207.8 | 1273.0 | 1336.6 | 1387.1 |
| 70° | 625.9 | 640.6 | 718.8 | 823.1 | 914.4 | 999.2 | 1070.9 | 1139.3 | 1201.3 | 1246.9 | 1282.8 |
| 72.5° | 567.2 | 583.5 | 671.5 | 767.7 | 849.2 | 927.4 | 997.5 | 1057.8 | 1100.2 | 1137.7 | 1168.7 |
| 75° | 505.3 | 526.5 | 619.4 | 700.9 | 775.9 | 847.6 | 907.9 | 948.6 | 986.1 | 1002.4 | 1010.6 |
| 77.5° | 438.5 | 466.2 | 555.8 | 627.5 | 692.7 | 751.4 | 790.5 | 819.9 | 831.3 | 841.1 | 842.7 |
| 80° | 361.9 | 401.0 | 477.6 | 536.3 | 590.0 | 629.2 | 652.0 | 656.9 | 653.6 | 635.7 | 591.7 |
| 82.5° | 282.0 | 329.3 | 384.7 | 430.3 | 456.4 | 469.4 | 474.3 | 443.3 | 399.3 | 353.7 | 327.6 |
| 85° | 197.2 | 233.1 | 270.6 | 286.9 | 285.2 | 255.9 | 218.4 | 194.0 | 180.9 | 169.5 | 166.3 |
| 87.5° | 99.4 | 107.6 | 115.7 | 97.8 | 81.5 | 78.2 | 79.9 | 76.6 | 78.2 | 76.6 | 76.6 |
| 90° | 8.1 | 8.1 | 9.8 | 9.8 | 11.4 | 13.0 | 14.7 | 16.3 | 16.3 | 14.7 | 14.7 |
| 92.5° | 35.9 | 32.6 | 31.0 | 29.3 | 31.0 | 31.0 | 31.0 | 27.7 | 27.7 | 27.7 | 26.1 |
| 95° | 150.0 | 176.0 | 194.0 | 195.6 | 151.6 | 117.4 | 101.1 | 88.0 | 79.9 | 76.6 | 73.3 |
| 97.5° | 239.6 | 282.0 | 332.5 | 373.3 | 396.1 | 379.8 | 317.8 | 247.8 | 210.3 | 190.7 | 172.8 |
| 100° | 322.7 | 366.7 | 435.2 | 500.4 | 557.4 | 590.0 | 594.9 | 580.3 | 524.8 | 466.2 | 394.5 |
| 102.5° | 402.6 | 431.9 | 520.0 | 596.6 | 663.4 | 723.7 | 762.8 | 790.5 | 798.7 | 792.2 | 759.6 |
| 105° | 440.1 | 451.5 | 552.6 | 640.6 | 705.8 | 748.2 | 831.3 | 911.1 | 976.3 | 997.5 | 995.9 |
| 107.5° | 485.7 | 471.1 | 585.2 | 676.4 | 728.6 | 772.6 | 808.5 | 973.1 | 1039.9 | 1114.9 | 1163.8 |
| 110° | 549.3 | 505.3 | 619.4 | 731.9 | 800.3 | 795.4 | 826.4 | 837.8 | 1110.0 | 1181.7 | 1233.9 |



TEST NUMBER: P236447

CATALOG NUMBER: SKB2-LD5-15-W-UNV-L850-CD2-U all blades horizontal

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| 112.5° | 601.5 | 536.3 | 606.3 | 754.7 | 839.4 | 859.0 | 860.6 | 885.1 | 826.4 | 1171.9 | 1315.4 |
| 115° | 652.0 | 575.4 | 578.6 | 756.3 | 849.2 | 920.9 | 885.1 | 924.2 | 964.9 | 795.4 | 1066.0 |
| 117.5° | 697.6 | 619.4 | 572.1 | 740.0 | 862.2 | 945.4 | 989.4 | 912.8 | 974.7 | 1080.7 | 826.4 |
| 120° | 738.4 | 661.8 | 590.0 | 699.3 | 873.7 | 968.2 | 1041.5 | 1059.5 | 943.7 | 992.6 | 1141.0 |
| 122.5° | 772.6 | 700.9 | 617.8 | 665.0 | 852.5 | 984.5 | 1064.4 | 1127.9 | 1119.8 | 987.8 | 986.1 |
| 125° | 798.7 | 733.5 | 640.6 | 632.4 | 801.9 | 986.1 | 1077.4 | 1154.0 | 1198.0 | 1183.4 | 1053.0 |
| 127.5° | 815.0 | 757.9 | 655.2 | 617.8 | 735.1 | 938.9 | 1079.0 | 1147.5 | 1212.7 | 1253.4 | 1246.9 |
| 130° | 823.1 | 775.9 | 660.1 | 627.5 | 679.7 | 860.6 | 1049.7 | 1127.9 | 1186.6 | 1251.8 | 1302.3 |
| 132.5° | 806.8 | 769.3 | 650.4 | 634.1 | 625.9 | 746.5 | 956.8 | 1098.6 | 1157.3 | 1220.8 | 1294.2 |
| 135° | 775.9 | 748.2 | 642.2 | 627.5 | 596.6 | 668.3 | 832.9 | 1020.4 | 1126.3 | 1188.2 | 1250.2 |
| 137.5° | 749.8 | 730.2 | 637.3 | 609.6 | 594.9 | 614.5 | 718.8 | 894.8 | 1069.3 | 1147.5 | 1201.3 |
| 140° | 725.3 | 713.9 | 630.8 | 588.4 | 594.9 | 581.9 | 653.6 | 772.6 | 945.4 | 1085.6 | 1154.0 |
| 142.5° | 712.3 | 702.5 | 625.9 | 570.5 | 585.2 | 581.9 | 608.0 | 679.7 | 810.1 | 955.2 | 1083.9 |
| 145° | 702.5 | 694.4 | 622.6 | 562.3 | 567.2 | 578.6 | 580.3 | 625.9 | 700.9 | 811.7 | 934.0 |
| 147.5° | 709.0 | 696.0 | 625.9 | 560.7 | 550.9 | 577.0 | 590.0 | 596.6 | 638.9 | 697.6 | 788.9 |
| 150° | 715.6 | 702.5 | 645.5 | 572.1 | 544.4 | 570.5 | 596.6 | 603.1 | 614.5 | 643.8 | 679.7 |
| 152.5° | 712.3 | 705.8 | 673.2 | 604.7 | 562.3 | 564.0 | 588.4 | 601.5 | 612.9 | 619.4 | 635.7 |
| 155° | 712.3 | 707.4 | 689.5 | 625.9 | 581.9 | 560.7 | 572.1 | 593.3 | 609.6 | 617.8 | 619.4 |
| 157.5° | 718.8 | 712.3 | 702.5 | 650.4 | 599.8 | 562.3 | 560.7 | 577.0 | 601.5 | 614.5 | 622.6 |
| 160° | 722.1 | 715.6 | 715.6 | 673.2 | 625.9 | 588.4 | 560.7 | 565.6 | 581.9 | 598.2 | 611.2 |
| 162.5° | 727.0 | 720.4 | 722.1 | 699.3 | 658.5 | 619.4 | 588.4 | 564.0 | 564.0 | 573.7 | 583.5 |
| 165° | 731.9 | 727.0 | 727.0 | 722.1 | 689.5 | 653.6 | 619.4 | 591.7 | 567.2 | 555.8 | 554.2 |
| 167.5° | 735.1 | 731.9 | 730.2 | 731.9 | 717.2 | 687.8 | 656.9 | 625.9 | 599.8 | 577.0 | 554.2 |
| 170° | 738.4 | 736.7 | 735.1 | 735.1 | 735.1 | 722.1 | 694.4 | 668.3 | 642.2 | 616.1 | 590.0 |
| 172.5° | 741.6 | 740.0 | 736.7 | 735.1 | 735.1 | 735.1 | 725.3 | 705.8 | 686.2 | 663.4 | 638.9 |
| 175° | 743.3 | 743.3 | 741.6 | 738.4 | 735.1 | 733.5 | 728.6 | 720.4 | 712.3 | 704.1 | 687.8 |
| 177.5° | 743.3 | 743.3 | 741.6 | 740.0 | 738.4 | 736.7 | 728.6 | 720.4 | 709.0 | 700.9 | 689.5 |
| 180° | 713.9 | 713.9 | 713.9 | 713.9 | 713.9 | 713.9 | 713.9 | 713.9 | 713.9 | 713.9 | 713.9 |



TEST NUMBER: P236447

CATALOG NUMBER: SKB2-LD5-15-W-UNV-L850-CD2-U all blades horizontal

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 831.3 | 831.3 | 831.3 | 831.3 | 831.3 | 831.3 | 831.3 | 831.3 |
| 2.5° | 831.3 | 831.3 | 832.9 | 836.2 | 836.2 | 837.8 | 839.4 | 839.4 |
| 5° | 841.1 | 842.7 | 845.9 | 849.2 | 849.2 | 850.8 | 850.8 | 852.5 |
| 7.5° | 855.7 | 859.0 | 863.9 | 870.4 | 873.7 | 873.7 | 876.9 | 880.2 |
| 10° | 890.0 | 894.8 | 906.3 | 914.4 | 919.3 | 922.6 | 927.4 | 929.1 |
| 12.5° | 930.7 | 938.9 | 951.9 | 960.0 | 964.9 | 968.2 | 971.5 | 974.7 |
| 15° | 966.6 | 974.7 | 984.5 | 991.0 | 995.9 | 999.2 | 1002.4 | 1007.3 |
| 17.5° | 992.6 | 1002.4 | 1017.1 | 1028.5 | 1036.7 | 1041.5 | 1048.1 | 1051.3 |
| 20° | 1026.9 | 1044.8 | 1066.0 | 1082.3 | 1097.0 | 1103.5 | 1113.3 | 1118.2 |
| 22.5° | 1069.3 | 1100.2 | 1131.2 | 1152.4 | 1173.6 | 1181.7 | 1194.8 | 1201.3 |
| 25° | 1131.2 | 1170.3 | 1207.8 | 1232.3 | 1256.7 | 1264.8 | 1281.1 | 1287.7 |
| 27.5° | 1198.0 | 1245.3 | 1286.0 | 1312.1 | 1336.6 | 1349.6 | 1364.3 | 1369.2 |
| 30° | 1268.1 | 1320.3 | 1361.0 | 1390.4 | 1416.4 | 1427.8 | 1440.9 | 1445.8 |
| 32.5° | 1334.9 | 1392.0 | 1432.7 | 1463.7 | 1489.8 | 1502.8 | 1512.6 | 1517.5 |
| 35° | 1398.5 | 1457.2 | 1501.2 | 1532.2 | 1558.2 | 1571.3 | 1581.1 | 1584.3 |
| 37.5° | 1458.8 | 1515.9 | 1561.5 | 1595.7 | 1623.4 | 1636.5 | 1643.0 | 1646.3 |
| 40° | 1517.5 | 1574.5 | 1621.8 | 1654.4 | 1682.1 | 1691.9 | 1700.0 | 1700.0 |
| 42.5° | 1566.4 | 1625.1 | 1669.1 | 1703.3 | 1729.4 | 1740.8 | 1747.3 | 1750.6 |
| 45° | 1607.1 | 1664.2 | 1711.5 | 1745.7 | 1771.8 | 1784.8 | 1788.1 | 1793.0 |
| 47.5° | 1639.7 | 1696.8 | 1744.1 | 1779.9 | 1804.4 | 1817.4 | 1822.3 | 1827.2 |
| 50° | 1662.6 | 1721.2 | 1766.9 | 1801.1 | 1827.2 | 1841.9 | 1848.4 | 1850.0 |
| 52.5° | 1672.3 | 1729.4 | 1775.0 | 1809.3 | 1837.0 | 1853.3 | 1861.4 | 1859.8 |
| 55° | 1669.1 | 1724.5 | 1771.8 | 1807.6 | 1835.3 | 1853.3 | 1859.8 | 1859.8 |
| 57.5° | 1652.8 | 1708.2 | 1752.2 | 1789.7 | 1817.4 | 1833.7 | 1840.2 | 1843.5 |
| 60° | 1620.2 | 1675.6 | 1718.0 | 1753.8 | 1778.3 | 1796.2 | 1801.1 | 1804.4 |
| 62.5° | 1574.5 | 1628.3 | 1667.5 | 1695.2 | 1716.3 | 1724.5 | 1729.4 | 1734.3 |
| 65° | 1514.2 | 1556.6 | 1581.1 | 1602.3 | 1616.9 | 1620.2 | 1621.8 | 1626.7 |
| 67.5° | 1423.0 | 1452.3 | 1476.7 | 1493.0 | 1509.3 | 1509.3 | 1506.1 | 1509.3 |
| 70° | 1315.4 | 1341.5 | 1349.6 | 1348.0 | 1354.5 | 1346.3 | 1339.8 | 1341.5 |
| 72.5° | 1175.2 | 1181.7 | 1186.6 | 1183.4 | 1191.5 | 1186.6 | 1181.7 | 1183.4 |
| 75° | 1015.5 | 1020.4 | 1025.2 | 1015.5 | 1023.6 | 1012.2 | 1004.1 | 1007.3 |
| 77.5° | 832.9 | 821.5 | 808.5 | 777.5 | 775.9 | 753.0 | 744.9 | 756.3 |
| 80° | 559.1 | 533.0 | 513.4 | 482.5 | 475.9 | 462.9 | 453.1 | 466.2 |
| 82.5° | 303.2 | 293.4 | 288.5 | 275.5 | 280.4 | 272.2 | 270.6 | 275.5 |
| 85° | 159.7 | 159.7 | 159.7 | 156.5 | 161.4 | 158.1 | 158.1 | 161.4 |
| 87.5° | 75.0 | 75.0 | 76.6 | 73.3 | 78.2 | 76.6 | 78.2 | 79.9 |
| 90° | 13.0 | 13.0 | 14.7 | 11.4 | 16.3 | 13.0 | 13.0 | 16.3 |
| 92.5° | 24.4 | 26.1 | 24.4 | 24.4 | 21.2 | 22.8 | 21.2 | 21.2 |
| 95° | 75.0 | 78.2 | 79.9 | 81.5 | 81.5 | 83.1 | 81.5 | 79.9 |
| 97.5° | 161.4 | 156.5 | 146.7 | 146.7 | 140.2 | 136.9 | 135.3 | 130.4 |
| 100° | 345.6 | 322.7 | 295.0 | 288.5 | 275.5 | 265.7 | 265.7 | 257.5 |
| 102.5° | 707.4 | 655.2 | 609.6 | 585.2 | 546.0 | 521.6 | 516.7 | 497.1 |
| 105° | 987.8 | 986.1 | 960.0 | 950.3 | 924.2 | 906.3 | 899.7 | 880.2 |
| 107.5° | 1178.5 | 1188.2 | 1183.4 | 1186.6 | 1176.8 | 1168.7 | 1167.1 | 1152.4 |
| 110° | 1281.1 | 1325.2 | 1348.0 | 1362.6 | 1361.0 | 1356.1 | 1352.9 | 1343.1 |



TEST NUMBER: P236447

CATALOG NUMBER: SKB2-LD5-15-W-UNV-L850-CD2-U all blades horizontal

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 112.5° | 1357.8 | 1395.2 | 1423.0 | 1442.5 | 1457.2 | 1471.9 | 1475.1 | 1473.5 |
| 115° | 1392.0 | 1483.3 | 1506.1 | 1514.2 | 1522.4 | 1535.4 | 1543.6 | 1541.9 |
| 117.5° | 859.0 | 1176.8 | 1463.7 | 1566.4 | 1607.1 | 1630.0 | 1646.3 | 1649.5 |
| 120° | 1012.2 | 785.6 | 829.7 | 1005.7 | 1232.3 | 1398.5 | 1483.3 | 1537.1 |
| 122.5° | 1129.6 | 1217.6 | 1046.4 | 854.1 | 751.4 | 748.2 | 743.3 | 757.9 |
| 125° | 973.1 | 1059.5 | 1191.5 | 1271.4 | 1269.7 | 1188.2 | 1118.2 | 1054.6 |
| 127.5° | 1158.9 | 1043.2 | 1025.2 | 1097.0 | 1176.8 | 1230.6 | 1276.3 | 1299.1 |
| 130° | 1323.5 | 1300.7 | 1219.2 | 1132.8 | 1090.4 | 1085.6 | 1092.1 | 1100.2 |
| 132.5° | 1352.9 | 1396.9 | 1409.9 | 1395.2 | 1351.2 | 1312.1 | 1279.5 | 1256.7 |
| 135° | 1312.1 | 1377.3 | 1431.1 | 1471.9 | 1481.6 | 1483.3 | 1484.9 | 1480.0 |
| 137.5° | 1260.0 | 1315.4 | 1378.9 | 1440.9 | 1486.5 | 1499.6 | 1507.7 | 1512.6 |
| 140° | 1202.9 | 1256.7 | 1308.9 | 1356.1 | 1423.0 | 1460.4 | 1471.9 | 1476.7 |
| 142.5° | 1154.0 | 1194.8 | 1243.7 | 1290.9 | 1331.7 | 1375.7 | 1409.9 | 1413.2 |
| 145° | 1064.4 | 1137.7 | 1186.6 | 1222.5 | 1261.6 | 1290.9 | 1338.2 | 1362.6 |
| 147.5° | 899.7 | 1007.3 | 1098.6 | 1152.4 | 1196.4 | 1227.4 | 1260.0 | 1304.0 |
| 150° | 751.4 | 847.6 | 922.6 | 987.8 | 1066.0 | 1108.4 | 1150.8 | 1136.1 |
| 152.5° | 661.8 | 709.0 | 761.2 | 813.4 | 872.0 | 896.5 | 894.8 | 873.7 |
| 155° | 634.1 | 643.8 | 666.7 | 684.6 | 717.2 | 727.0 | 663.4 | 642.2 |
| 157.5° | 627.5 | 619.4 | 627.5 | 629.2 | 640.6 | 593.3 | 573.7 | 570.5 |
| 160° | 617.8 | 617.8 | 614.5 | 601.5 | 577.0 | 531.4 | 524.8 | 524.8 |
| 162.5° | 593.3 | 596.6 | 593.3 | 581.9 | 537.9 | 513.4 | 508.5 | 508.5 |
| 165° | 557.4 | 559.1 | 557.4 | 544.4 | 511.8 | 487.4 | 487.4 | 489.0 |
| 167.5° | 534.6 | 526.5 | 523.2 | 503.7 | 485.7 | 466.2 | 451.5 | 453.1 |
| 170° | 567.2 | 549.3 | 533.0 | 508.5 | 495.5 | 484.1 | 456.4 | 446.6 |
| 172.5° | 614.5 | 593.3 | 577.0 | 562.3 | 559.1 | 565.6 | 549.3 | 502.0 |
| 175° | 668.3 | 648.7 | 635.7 | 634.1 | 642.2 | 669.9 | 683.0 | 705.8 |
| 177.5° | 674.8 | 655.2 | 647.1 | 655.2 | 674.8 | 713.9 | 761.2 | 784.0 |
| 180° | 713.9 | 713.9 | 713.9 | 713.9 | 713.9 | 713.9 | 713.9 | 713.9 |

(END OF REPORT)