

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: METALUX

Report Number: P895366

Luminaire Tested: 8TMB-SC3-ASML-UNV-CC93-MID-5000K

Issue Date: 11/11/2024

**Test Information**

Test Method: LM-79-2019  
Report Number: P895366  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2404-077-33)  
Test Lab: INNOVATION CENTER  
Issue Date: 11/11/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: 8TMB-SC3-ASML-UNV-CC93-MID-5000K  
Description: Selectable 8FT MICROBAY LINEAR BAY with ASYMMETRIC LENS, 90CRI, 5000K CCT, MID lumen setting  
Light Source: -  
Ballast/Driver: -

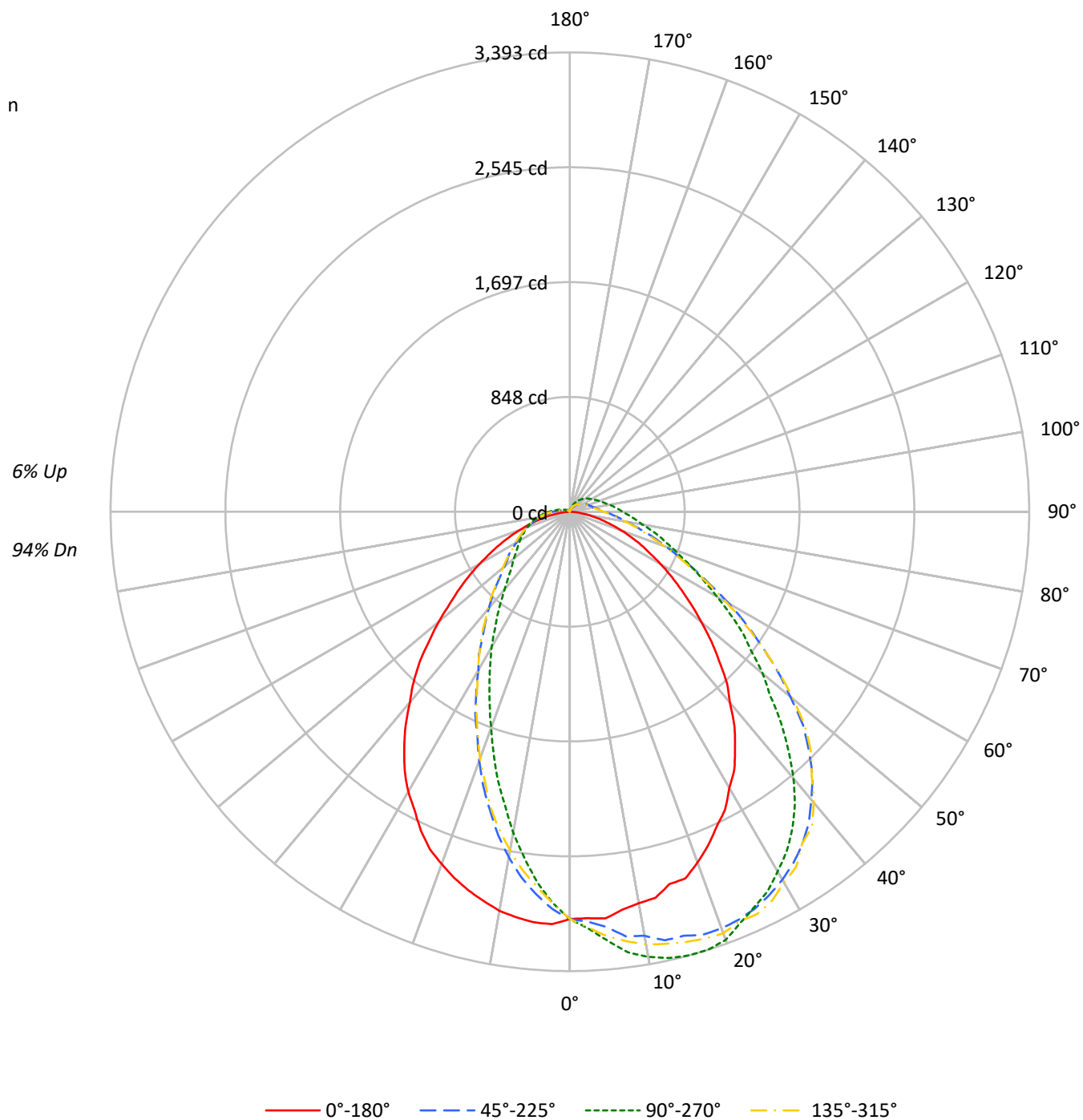
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 7496.0 lumens  
Efficiency: N/A  
Efficacy: 112.0 lumens/watt  
Spacing Criteria (0/90/45): 1.18 / 1.07 / 1.25  
Luminous Opening: Rectangular w/ Sides (W: 0.27' x L: 7.98' x H: 0.12')  
CIE Type: Direct  
  
Input Watts (W): 66.9  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: 0.9948  
Total Harmonic Distortion (THDi): 5.65231997856897  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

TEST NUMBER: P895366

CATALOG NUMBER: 8TMB-SC3-ASML-UNV-CC93-MID-5000K

### Luminous Intensity Polar Plot



TEST NUMBER: P895366

CATALOG NUMBER: 8TMB-SC3-ASML-UNV-CC93-MID-5000K

**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   | 118 | 118 | 118 | 118 | 114 | 114 | 114 | 114 | 108 | 108 | 108 | 102 | 102 | 102 | 97 | 97 | 97 |
| 1   | 107 | 103 | 98  | 94  | 104 | 100 | 96  | 92  | 95  | 91  | 88  | 90  | 87  | 85  | 85 | 83 | 81 |
| 2   | 98  | 90  | 83  | 78  | 95  | 88  | 82  | 76  | 83  | 78  | 74  | 79  | 75  | 71  | 75 | 72 | 69 |
| 3   | 90  | 80  | 72  | 65  | 87  | 78  | 70  | 64  | 74  | 68  | 63  | 70  | 65  | 61  | 67 | 63 | 59 |
| 4   | 83  | 71  | 63  | 56  | 80  | 69  | 61  | 55  | 66  | 59  | 54  | 63  | 57  | 53  | 60 | 55 | 51 |
| 5   | 76  | 64  | 55  | 49  | 74  | 62  | 54  | 48  | 60  | 53  | 47  | 57  | 51  | 46  | 55 | 49 | 45 |
| 6   | 71  | 58  | 49  | 43  | 68  | 56  | 48  | 42  | 54  | 47  | 42  | 52  | 46  | 41  | 50 | 44 | 40 |
| 7   | 66  | 53  | 44  | 38  | 64  | 51  | 43  | 38  | 49  | 42  | 37  | 48  | 41  | 36  | 46 | 40 | 36 |
| 8   | 61  | 48  | 40  | 34  | 59  | 47  | 39  | 34  | 45  | 38  | 33  | 44  | 37  | 33  | 42 | 37 | 32 |
| 9   | 57  | 44  | 36  | 31  | 56  | 43  | 36  | 31  | 42  | 35  | 30  | 40  | 34  | 30  | 39 | 33 | 29 |
| 10  | 54  | 41  | 33  | 28  | 52  | 40  | 33  | 28  | 39  | 32  | 28  | 38  | 31  | 27  | 36 | 31 | 27 |

**AVERAGE LUMINANCE (cd/sqm):**

|     | 0°    | 90°   | 180°  | 270°  |
|-----|-------|-------|-------|-------|
| 0°  | 15274 | 15274 | 15274 | 15274 |
| 5°  | 15352 | 15566 | 15497 | 13453 |
| 10° | 15097 | 15897 | 15392 | 11466 |
| 15° | 14907 | 15840 | 15159 | 9587  |
| 20° | 14813 | 15527 | 14876 | 7843  |
| 25° | 14272 | 14807 | 14468 | 6453  |
| 30° | 13696 | 14151 | 13873 | 5331  |
| 35° | 13045 | 13354 | 13081 | 4344  |
| 40° | 12031 | 12217 | 12025 | 3562  |
| 45° | 11031 | 10783 | 11087 | 3035  |
| 50° | 9838  | 9412  | 9792  | 2742  |
| 55° | 8700  | 8245  | 8640  | 2519  |
| 60° | 7664  | 7032  | 7596  | 2381  |
| 65° | 6755  | 6055  | 6595  | 2262  |
| 70° | 5790  | 5306  | 5593  | 2162  |
| 75° | 4783  | 4823  | 4655  | 2082  |
| 80° | 3782  | 4341  | 3438  | 1939  |
| 85° | 2773  | 4192  | 2239  | 1817  |

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 157.5°

Vertical Angle: 45°

Luminance: 15294 cd/sqm

TEST NUMBER: P895366

CATALOG NUMBER: 8TMB-SC3-ASML-UNV-CC93-MID-5000K

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 282.6  | 3.8       |
| 10°-20°   | 785.4  | 10.5      |
| 20°-30°   | 1129.8 | 15.1      |
| 30°-40°   | 1282.1 | 17.1      |
| 40°-50°   | 1225.3 | 16.3      |
| 50°-60°   | 995.6  | 13.3      |
| 60°-70°   | 694.7  | 9.3       |
| 70°-80°   | 430.3  | 5.7       |
| 80°-90°   | 246.9  | 3.3       |
| 90°-100°  | 147.6  | 2.0       |
| 100°-110° | 96.9   | 1.3       |
| 110°-120° | 67.9   | 0.9       |
| 120°-130° | 49.2   | 0.7       |
| 130°-140° | 32.7   | 0.4       |
| 140°-150° | 18.4   | 0.2       |
| 150°-160° | 8.2    | 0.1       |
| 160°-170° | 2.4    | 0.0       |
| 170°-180° | 0.2    | 0.0       |
| 0°-30°    | 2197.8 | 29.3      |
| 0°-40°    | 3479.8 | 46.4      |
| 0°-60°    | 5700.7 | 76.1      |
| 0°-90°    | 7072.6 | 94.4      |
| 90°-120°  | 312.3  | 4.2       |
| 90°-150°  | 412.6  | 5.5       |
| 90°-180°  | 423.0  | 5.6       |
| 0°-180°   | 7496.0 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90°  | 180° | 270° | 360° | Flux |
|------|------|------|------|------|------|------|
| 0°   | 3008 | 3008 | 3008 | 3008 | 3008 |      |
| 5°   | 3015 | 3179 | 3044 | 2748 | 3015 | 284  |
| 15°  | 2847 | 3393 | 2895 | 2053 | 2847 | 809  |
| 25°  | 2565 | 3222 | 2601 | 1404 | 2565 | 1183 |
| 35°  | 2127 | 2864 | 2133 | 932  | 2127 | 1326 |
| 45°  | 1560 | 2208 | 1568 | 621  | 1560 | 1204 |
| 55°  | 1004 | 1557 | 998  | 476  | 1004 | 904  |
| 65°  | 581  | 1012 | 567  | 378  | 581  | 577  |
| 75°  | 258  | 678  | 251  | 292  | 258  | 278  |
| 85°  | 56   | 459  | 45   | 199  | 56   | 63   |
| 90°  | 2    | 388  | 0    | 153  | 2    | 4    |
| 95°  | 3    | 338  | 0    | 116  | 3    | 2    |
| 105° | 2    | 260  | 0    | 63   | 2    | 2    |
| 115° | 2    | 207  | 0    | 34   | 2    | 2    |
| 125° | 2    | 168  | 0    | 23   | 2    | 2    |
| 135° | 2    | 134  | 0    | 18   | 2    | 2    |
| 145° | 2    | 94   | 0    | 12   | 2    | 1    |
| 155° | 3    | 59   | 0    | 7    | 3    | 1    |
| 165° | 3    | 28   | 0    | 3    | 3    | 1    |
| 175° | 3    | 1    | 0    | 0    | 3    | 0    |
| 180° | 1    | 1    | 1    | 1    | 1    |      |

TEST NUMBER: P895366

CATALOG NUMBER: 8TMB-SC3-ASML-UNV-CC93-MID-5000K

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 22.5°  | 45°    | 67.5°  | 90°    | 112.5° | 135°   | 157.5° | 180°   | 202.5° | 225°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 3007.5 | 3007.5 | 3007.5 | 3007.5 | 3007.5 | 3007.5 | 3007.5 | 3007.5 | 3007.5 | 3007.5 | 3007.5 |
| 2.5°   | 3004.6 | 3027.2 | 3029.2 | 3100.1 | 3079.4 | 3106.0 | 3072.5 | 3078.4 | 3048.9 | 3041.0 | 2938.6 |
| 5°     | 3015.4 | 3063.7 | 3076.5 | 3198.6 | 3178.9 | 3192.7 | 3146.4 | 3112.9 | 3044.0 | 3002.6 | 2837.2 |
| 7.5°   | 2964.2 | 3091.2 | 3162.1 | 3248.8 | 3281.3 | 3292.1 | 3198.6 | 3136.5 | 3022.3 | 2920.9 | 2726.9 |
| 10°    | 2935.6 | 3110.9 | 3179.9 | 3309.9 | 3338.4 | 3317.7 | 3244.9 | 3142.4 | 2992.8 | 2829.3 | 2591.0 |
| 12.5°  | 2919.9 | 3121.8 | 3241.9 | 3374.8 | 3375.8 | 3354.2 | 3268.5 | 3158.2 | 2944.5 | 2730.8 | 2447.2 |
| 15°    | 2847.0 | 3119.8 | 3242.9 | 3377.8 | 3392.6 | 3378.8 | 3291.1 | 3147.4 | 2895.3 | 2608.7 | 2281.7 |
| 17.5°  | 2839.1 | 3114.9 | 3274.4 | 3416.2 | 3391.6 | 3381.7 | 3304.9 | 3142.4 | 2836.2 | 2484.6 | 2126.1 |
| 20°    | 2756.4 | 3104.0 | 3274.4 | 3372.9 | 3365.0 | 3368.9 | 3313.8 | 3135.5 | 2768.2 | 2350.7 | 1955.8 |
| 22.5°  | 2668.8 | 3091.2 | 3260.6 | 3335.5 | 3288.2 | 3360.1 | 3274.4 | 3116.8 | 2699.3 | 2210.8 | 1786.4 |
| 25°    | 2565.4 | 3070.5 | 3234.0 | 3282.3 | 3222.2 | 3278.3 | 3277.4 | 3088.3 | 2600.8 | 2060.2 | 1652.5 |
| 27.5°  | 2481.6 | 3038.1 | 3190.7 | 3263.6 | 3161.1 | 3209.4 | 3237.0 | 3053.8 | 2484.6 | 1911.5 | 1494.9 |
| 30°    | 2356.6 | 2996.7 | 3138.5 | 3149.3 | 3068.6 | 3129.6 | 3161.1 | 3010.5 | 2387.1 | 1743.1 | 1351.1 |
| 32.5°  | 2261.1 | 2949.4 | 3074.5 | 3059.7 | 2979.0 | 3059.7 | 3110.9 | 2967.1 | 2270.9 | 1595.3 | 1249.7 |
| 35°    | 2127.1 | 2892.3 | 2994.7 | 2916.9 | 2863.7 | 2930.7 | 2990.8 | 2920.9 | 2133.0 | 1437.8 | 1119.7 |
| 37.5°  | 1997.1 | 2842.1 | 2899.2 | 2802.7 | 2729.8 | 2804.7 | 2936.6 | 2834.2 | 1994.2 | 1312.7 | 1023.2 |
| 40°    | 1838.6 | 2726.9 | 2774.1 | 2643.2 | 2570.3 | 2680.6 | 2801.7 | 2759.4 | 1837.6 | 1182.7 | 929.6  |
| 42.5°  | 1718.4 | 2641.2 | 2655.0 | 2475.7 | 2389.1 | 2506.3 | 2644.1 | 2653.0 | 1710.6 | 1065.5 | 846.9  |
| 45°    | 1559.9 | 2521.0 | 2495.4 | 2298.5 | 2207.9 | 2313.3 | 2520.1 | 2543.7 | 1567.8 | 964.1  | 766.2  |
| 47.5°  | 1417.1 | 2387.1 | 2336.9 | 2106.4 | 2005.0 | 2130.1 | 2359.5 | 2421.6 | 1408.2 | 870.5  | 690.3  |
| 50°    | 1268.4 | 2237.4 | 2126.1 | 1927.2 | 1859.3 | 1921.3 | 2155.7 | 2258.1 | 1262.5 | 778.0  | 632.2  |
| 52.5°  | 1132.5 | 2072.0 | 1934.1 | 1755.9 | 1687.9 | 1739.1 | 1942.0 | 2095.6 | 1117.7 | 700.2  | 581.0  |
| 55°    | 1004.5 | 1906.5 | 1728.3 | 1570.7 | 1556.9 | 1572.7 | 1725.3 | 1901.6 | 997.6  | 631.2  | 548.5  |
| 57.5°  | 890.2  | 1705.6 | 1543.2 | 1426.9 | 1402.3 | 1415.1 | 1520.5 | 1701.7 | 881.4  | 562.3  | 501.3  |
| 60°    | 775.0  | 1499.8 | 1360.0 | 1270.4 | 1256.6 | 1266.4 | 1334.4 | 1506.7 | 768.1  | 504.2  | 456.9  |
| 62.5°  | 670.6  | 1293.0 | 1168.9 | 1135.5 | 1125.6 | 1125.6 | 1154.2 | 1311.7 | 661.8  | 445.1  | 423.5  |
| 65°    | 581.0  | 1115.8 | 1022.2 | 1009.4 | 1012.4 | 1011.4 | 993.6  | 1095.1 | 567.2  | 392.9  | 393.9  |
| 67.5°  | 490.4  | 927.7  | 875.5  | 891.2  | 903.0  | 898.1  | 860.7  | 910.9  | 478.6  | 345.7  | 367.3  |
| 70°    | 406.7  | 766.2  | 756.3  | 791.8  | 819.3  | 793.7  | 739.6  | 744.5  | 392.9  | 299.4  | 332.9  |
| 72.5°  | 327.9  | 619.4  | 664.7  | 714.0  | 740.6  | 712.0  | 637.2  | 615.5  | 316.1  | 257.0  | 301.3  |
| 75°    | 258.0  | 498.3  | 570.2  | 643.1  | 677.5  | 641.1  | 554.4  | 480.6  | 251.1  | 216.7  | 275.7  |
| 77.5°  | 197.0  | 394.9  | 487.5  | 572.2  | 605.6  | 574.1  | 482.5  | 375.2  | 184.2  | 182.2  | 248.2  |
| 80°    | 140.8  | 312.2  | 432.3  | 514.1  | 544.6  | 514.1  | 418.5  | 296.4  | 128.0  | 145.7  | 218.6  |
| 82.5°  | 92.6   | 241.3  | 376.2  | 467.8  | 501.3  | 463.8  | 363.4  | 228.5  | 81.7   | 118.2  | 197.0  |
| 85°    | 56.1   | 191.0  | 327.9  | 420.5  | 458.9  | 422.5  | 318.1  | 173.3  | 45.3   | 90.6   | 171.4  |
| 87.5°  | 24.6   | 147.7  | 292.5  | 388.0  | 422.5  | 389.0  | 283.6  | 135.9  | 18.7   | 70.9   | 146.7  |
| 90°    | 2.0    | 117.2  | 258.0  | 357.5  | 388.0  | 356.5  | 251.1  | 110.3  | 0.0    | 51.2   | 126.1  |
| 92.5°  | 2.0    | 100.4  | 236.3  | 330.9  | 365.4  | 329.9  | 226.5  | 90.6   | 0.0    | 37.4   | 106.4  |
| 95°    | 3.0    | 84.7   | 214.7  | 310.2  | 337.8  | 307.3  | 206.8  | 77.8   | 0.0    | 25.6   | 89.6   |
| 97.5°  | 3.0    | 76.8   | 197.0  | 289.5  | 320.1  | 287.6  | 189.1  | 69.9   | 0.0    | 18.7   | 72.9   |
| 100°   | 2.0    | 70.9   | 183.2  | 269.8  | 298.4  | 267.9  | 175.3  | 63.0   | 0.0    | 11.8   | 59.1   |
| 102.5° | 2.0    | 66.0   | 171.4  | 253.1  | 275.7  | 250.1  | 163.5  | 59.1   | 0.0    | 9.8    | 48.3   |
| 105°   | 2.0    | 63.0   | 160.5  | 233.4  | 260.0  | 233.4  | 153.6  | 55.1   | 0.0    | 7.9    | 37.4   |
| 107.5° | 2.0    | 59.1   | 152.6  | 222.6  | 244.2  | 220.6  | 145.7  | 52.2   | 0.0    | 7.9    | 30.5   |
| 110°   | 2.0    | 56.1   | 145.7  | 206.8  | 231.4  | 208.8  | 138.9  | 47.3   | 0.0    | 4.9    | 24.6   |

TEST NUMBER: P895366

CATALOG NUMBER: 8TMB-SC3-ASML-UNV-CC93-MID-5000K

**CANDELA DISTRIBUTION (continued):**

|        | 0°  | 22.5° | 45°   | 67.5° | 90°   | 112.5° | 135°  | 157.5° | 180° | 202.5° | 225° |
|--------|-----|-------|-------|-------|-------|--------|-------|--------|------|--------|------|
| 112.5° | 2.0 | 51.2  | 138.9 | 196.0 | 219.6 | 197.0  | 132.9 | 43.3   | 0.0  | 4.9    | 21.7 |
| 115°   | 2.0 | 46.3  | 132.9 | 189.1 | 206.8 | 187.1  | 127.0 | 38.4   | 0.0  | 3.9    | 19.7 |
| 117.5° | 2.0 | 43.3  | 129.0 | 180.2 | 197.9 | 178.2  | 122.1 | 36.4   | 0.0  | 3.9    | 18.7 |
| 120°   | 2.0 | 41.4  | 123.1 | 171.4 | 185.1 | 169.4  | 116.2 | 34.5   | 0.0  | 3.9    | 17.7 |
| 122.5° | 2.0 | 39.4  | 118.2 | 163.5 | 178.2 | 162.5  | 111.3 | 33.5   | 0.0  | 3.0    | 15.8 |
| 125°   | 2.0 | 37.4  | 111.3 | 154.6 | 168.4 | 152.6  | 102.4 | 32.5   | 0.0  | 2.0    | 13.8 |
| 127.5° | 2.0 | 35.5  | 104.4 | 147.7 | 160.5 | 145.7  | 96.5  | 31.5   | 0.0  | 2.0    | 12.8 |
| 130°   | 2.0 | 34.5  | 95.5  | 138.9 | 151.7 | 136.9  | 89.6  | 31.5   | 0.0  | 2.0    | 11.8 |
| 132.5° | 2.0 | 33.5  | 85.7  | 130.0 | 143.8 | 128.0  | 82.7  | 30.5   | 0.0  | 2.0    | 9.8  |
| 135°   | 2.0 | 32.5  | 75.8  | 121.1 | 133.9 | 119.2  | 76.8  | 29.5   | 0.0  | 2.0    | 8.9  |
| 137.5° | 2.0 | 30.5  | 67.0  | 111.3 | 124.1 | 109.3  | 72.9  | 27.6   | 0.0  | 2.0    | 7.9  |
| 140°   | 2.0 | 28.6  | 60.1  | 103.4 | 114.2 | 100.4  | 67.0  | 25.6   | 0.0  | 1.0    | 5.9  |
| 142.5° | 2.0 | 25.6  | 54.2  | 93.6  | 104.4 | 91.6   | 60.1  | 21.7   | 0.0  | 1.0    | 5.9  |
| 145°   | 2.0 | 22.6  | 49.2  | 81.7  | 94.5  | 81.7   | 56.1  | 19.7   | 0.0  | 1.0    | 4.9  |
| 147.5° | 2.0 | 20.7  | 44.3  | 68.9  | 85.7  | 74.8   | 50.2  | 16.7   | 0.0  | 1.0    | 3.9  |
| 150°   | 2.0 | 18.7  | 38.4  | 58.1  | 75.8  | 66.0   | 46.3  | 14.8   | 0.0  | 0.0    | 3.0  |
| 152.5° | 2.0 | 16.7  | 33.5  | 48.3  | 67.9  | 60.1   | 41.4  | 12.8   | 0.0  | 0.0    | 2.0  |
| 155°   | 3.0 | 15.8  | 28.6  | 42.3  | 59.1  | 52.2   | 34.5  | 10.8   | 0.0  | 0.0    | 2.0  |
| 157.5° | 3.0 | 13.8  | 23.6  | 34.5  | 52.2  | 45.3   | 27.6  | 8.9    | 0.0  | 0.0    | 1.0  |
| 160°   | 3.0 | 12.8  | 19.7  | 26.6  | 43.3  | 37.4   | 22.6  | 6.9    | 0.0  | 0.0    | 1.0  |
| 162.5° | 3.0 | 11.8  | 16.7  | 19.7  | 35.5  | 29.5   | 17.7  | 4.9    | 0.0  | 0.0    | 1.0  |
| 165°   | 3.0 | 9.8   | 14.8  | 13.8  | 27.6  | 22.6   | 13.8  | 3.0    | 0.0  | 0.0    | 0.0  |
| 167.5° | 3.0 | 8.9   | 11.8  | 9.8   | 20.7  | 16.7   | 9.8   | 2.0    | 0.0  | 0.0    | 0.0  |
| 170°   | 3.0 | 6.9   | 9.8   | 6.9   | 5.9   | 10.8   | 5.9   | 1.0    | 0.0  | 0.0    | 0.0  |
| 172.5° | 3.0 | 5.9   | 7.9   | 4.9   | 2.0   | 5.9    | 3.0   | 0.0    | 0.0  | 0.0    | 0.0  |
| 175°   | 3.0 | 4.9   | 4.9   | 3.0   | 1.0   | 2.0    | 0.0   | 0.0    | 0.0  | 0.0    | 0.0  |
| 177.5° | 3.0 | 3.9   | 3.0   | 1.0   | 0.0   | 0.0    | 0.0   | 0.0    | 0.0  | 0.0    | 0.0  |
| 180°   | 1.0 | 1.0   | 1.0   | 1.0   | 1.0   | 1.0    | 1.0   | 1.0    | 1.0  | 1.0    | 1.0  |

TEST NUMBER: P895366

CATALOG NUMBER: 8TMB-SC3-ASML-UNV-CC93-MID-5000K

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 270°   | 292.5° | 315°   | 337.5° | 360°   |
|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 3007.5 | 3007.5 | 3007.5 | 3007.5 | 3007.5 | 3007.5 |
| 2.5°   | 2924.8 | 2892.3 | 2862.8 | 2894.3 | 2916.9 | 3004.6 |
| 5°     | 2782.0 | 2747.5 | 2751.5 | 2780.0 | 2855.9 | 3015.4 |
| 7.5°   | 2634.3 | 2577.2 | 2591.0 | 2670.7 | 2783.0 | 2964.2 |
| 10°    | 2460.0 | 2407.8 | 2420.6 | 2540.7 | 2698.3 | 2935.6 |
| 12.5°  | 2304.4 | 2216.7 | 2291.6 | 2404.8 | 2599.8 | 2919.9 |
| 15°    | 2122.2 | 2053.3 | 2093.6 | 2261.1 | 2505.3 | 2847.0 |
| 17.5°  | 1925.2 | 1872.1 | 1920.3 | 2086.8 | 2389.1 | 2839.1 |
| 20°    | 1773.6 | 1699.7 | 1756.8 | 1940.0 | 2245.3 | 2756.4 |
| 22.5°  | 1603.2 | 1547.1 | 1607.2 | 1775.6 | 2098.6 | 2668.8 |
| 25°    | 1463.4 | 1404.3 | 1464.4 | 1631.8 | 1968.6 | 2565.4 |
| 27.5°  | 1327.5 | 1273.3 | 1327.5 | 1481.1 | 1839.6 | 2481.6 |
| 30°    | 1208.3 | 1156.1 | 1211.3 | 1359.0 | 1688.9 | 2356.6 |
| 32.5°  | 1097.0 | 1030.1 | 1101.0 | 1243.8 | 1556.0 | 2261.1 |
| 35°    | 981.8  | 931.6  | 984.8  | 1143.3 | 1408.2 | 2127.1 |
| 37.5°  | 886.3  | 834.1  | 897.1  | 1033.0 | 1283.2 | 1997.1 |
| 40°    | 795.7  | 749.4  | 799.6  | 944.4  | 1176.8 | 1838.6 |
| 42.5°  | 724.8  | 678.5  | 729.7  | 863.7  | 1069.5 | 1718.4 |
| 45°    | 655.9  | 621.4  | 662.8  | 775.0  | 961.1  | 1559.9 |
| 47.5°  | 605.6  | 576.1  | 610.6  | 710.0  | 870.5  | 1417.1 |
| 50°    | 562.3  | 541.6  | 566.2  | 645.0  | 777.0  | 1268.4 |
| 52.5°  | 523.9  | 503.2  | 531.8  | 594.8  | 703.1  | 1132.5 |
| 55°    | 494.4  | 475.6  | 497.3  | 547.5  | 629.3  | 1004.5 |
| 57.5°  | 461.9  | 450.0  | 466.8  | 497.3  | 571.2  | 890.2  |
| 60°    | 438.2  | 425.4  | 443.2  | 467.8  | 505.2  | 775.0  |
| 62.5°  | 411.6  | 404.7  | 415.6  | 435.3  | 455.0  | 670.6  |
| 65°    | 388.0  | 378.2  | 391.9  | 398.8  | 396.9  | 581.0  |
| 67.5°  | 362.4  | 359.4  | 367.3  | 368.3  | 353.5  | 490.4  |
| 70°    | 335.8  | 333.8  | 343.7  | 337.8  | 307.3  | 406.7  |
| 72.5°  | 314.1  | 314.1  | 320.1  | 308.2  | 267.9  | 327.9  |
| 75°    | 290.5  | 292.5  | 297.4  | 283.6  | 225.5  | 258.0  |
| 77.5°  | 268.8  | 270.8  | 271.8  | 253.1  | 189.1  | 197.0  |
| 80°    | 244.2  | 243.2  | 253.1  | 229.5  | 153.6  | 140.8  |
| 82.5°  | 222.6  | 218.6  | 224.5  | 200.9  | 124.1  | 92.6   |
| 85°    | 197.9  | 198.9  | 202.9  | 175.3  | 99.5   | 56.1   |
| 87.5°  | 178.2  | 178.2  | 182.2  | 154.6  | 74.8   | 24.6   |
| 90°    | 154.6  | 152.6  | 158.5  | 131.0  | 56.1   | 2.0    |
| 92.5°  | 134.9  | 134.9  | 138.9  | 112.3  | 41.4   | 2.0    |
| 95°    | 115.2  | 116.2  | 119.2  | 92.6   | 31.5   | 3.0    |
| 97.5°  | 98.5   | 99.5   | 103.4  | 78.8   | 22.6   | 3.0    |
| 100°   | 83.7   | 84.7   | 86.7   | 63.0   | 17.7   | 2.0    |
| 102.5° | 69.9   | 72.9   | 72.9   | 52.2   | 13.8   | 2.0    |
| 105°   | 59.1   | 63.0   | 61.1   | 42.3   | 12.8   | 2.0    |
| 107.5° | 49.2   | 53.2   | 53.2   | 34.5   | 12.8   | 2.0    |
| 110°   | 40.4   | 46.3   | 45.3   | 29.5   | 9.8    | 2.0    |



TEST NUMBER: P895366

CATALOG NUMBER: 8TMB-SC3-ASML-UNV-CC93-MID-5000K

**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 270° | 292.5° | 315° | 337.5° | 360° |
|--------|--------|------|--------|------|--------|------|
| 112.5° | 34.5   | 39.4 | 36.4   | 25.6 | 9.8    | 2.0  |
| 115°   | 29.5   | 34.5 | 32.5   | 23.6 | 8.9    | 2.0  |
| 117.5° | 26.6   | 29.5 | 29.5   | 22.6 | 8.9    | 2.0  |
| 120°   | 24.6   | 27.6 | 26.6   | 21.7 | 8.9    | 2.0  |
| 122.5° | 22.6   | 24.6 | 24.6   | 19.7 | 7.9    | 2.0  |
| 125°   | 21.7   | 22.6 | 23.6   | 17.7 | 7.9    | 2.0  |
| 127.5° | 20.7   | 22.6 | 22.6   | 16.7 | 6.9    | 2.0  |
| 130°   | 18.7   | 20.7 | 20.7   | 15.8 | 6.9    | 2.0  |
| 132.5° | 16.7   | 18.7 | 18.7   | 14.8 | 6.9    | 2.0  |
| 135°   | 15.8   | 17.7 | 17.7   | 13.8 | 6.9    | 2.0  |
| 137.5° | 14.8   | 15.8 | 15.8   | 12.8 | 6.9    | 2.0  |
| 140°   | 12.8   | 14.8 | 14.8   | 11.8 | 6.9    | 2.0  |
| 142.5° | 11.8   | 13.8 | 13.8   | 10.8 | 5.9    | 2.0  |
| 145°   | 10.8   | 11.8 | 12.8   | 9.8  | 5.9    | 2.0  |
| 147.5° | 8.9    | 10.8 | 11.8   | 8.9  | 5.9    | 2.0  |
| 150°   | 6.9    | 9.8  | 9.8    | 8.9  | 5.9    | 2.0  |
| 152.5° | 4.9    | 8.9  | 8.9    | 7.9  | 4.9    | 2.0  |
| 155°   | 3.9    | 6.9  | 7.9    | 6.9  | 4.9    | 3.0  |
| 157.5° | 3.0    | 5.9  | 6.9    | 6.9  | 4.9    | 3.0  |
| 160°   | 2.0    | 4.9  | 5.9    | 5.9  | 3.9    | 3.0  |
| 162.5° | 1.0    | 3.9  | 4.9    | 5.9  | 3.9    | 3.0  |
| 165°   | 0.0    | 3.0  | 3.9    | 4.9  | 3.9    | 3.0  |
| 167.5° | 0.0    | 2.0  | 3.0    | 3.9  | 3.0    | 3.0  |
| 170°   | 0.0    | 1.0  | 2.0    | 3.0  | 3.0    | 3.0  |
| 172.5° | 0.0    | 0.0  | 1.0    | 2.0  | 2.0    | 3.0  |
| 175°   | 0.0    | 0.0  | 0.0    | 1.0  | 2.0    | 3.0  |
| 177.5° | 0.0    | 0.0  | 0.0    | 1.0  | 2.0    | 3.0  |
| 180°   | 1.0    | 1.0  | 1.0    | 1.0  | 1.0    | 1.0  |

(END OF REPORT)