

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: STREETWORKS

Report Number: P153070

Luminaire Tested: **TMU-E04-LED-E-U-SLL**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P153070  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33681)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: TMU-E04-LED-E-U-SLL  
Description: TALON MEDIUM LED AREA LUMINAIRE  
(4) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT  
Light Source: (84) 4000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 11129.8 lumens  
Efficiency: N/A  
Efficacy: 114.5 lumens/watt  
Luminous Opening: Rectangular (W 0.67' x L: 1' x H: 0')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B2 - U0 - G3

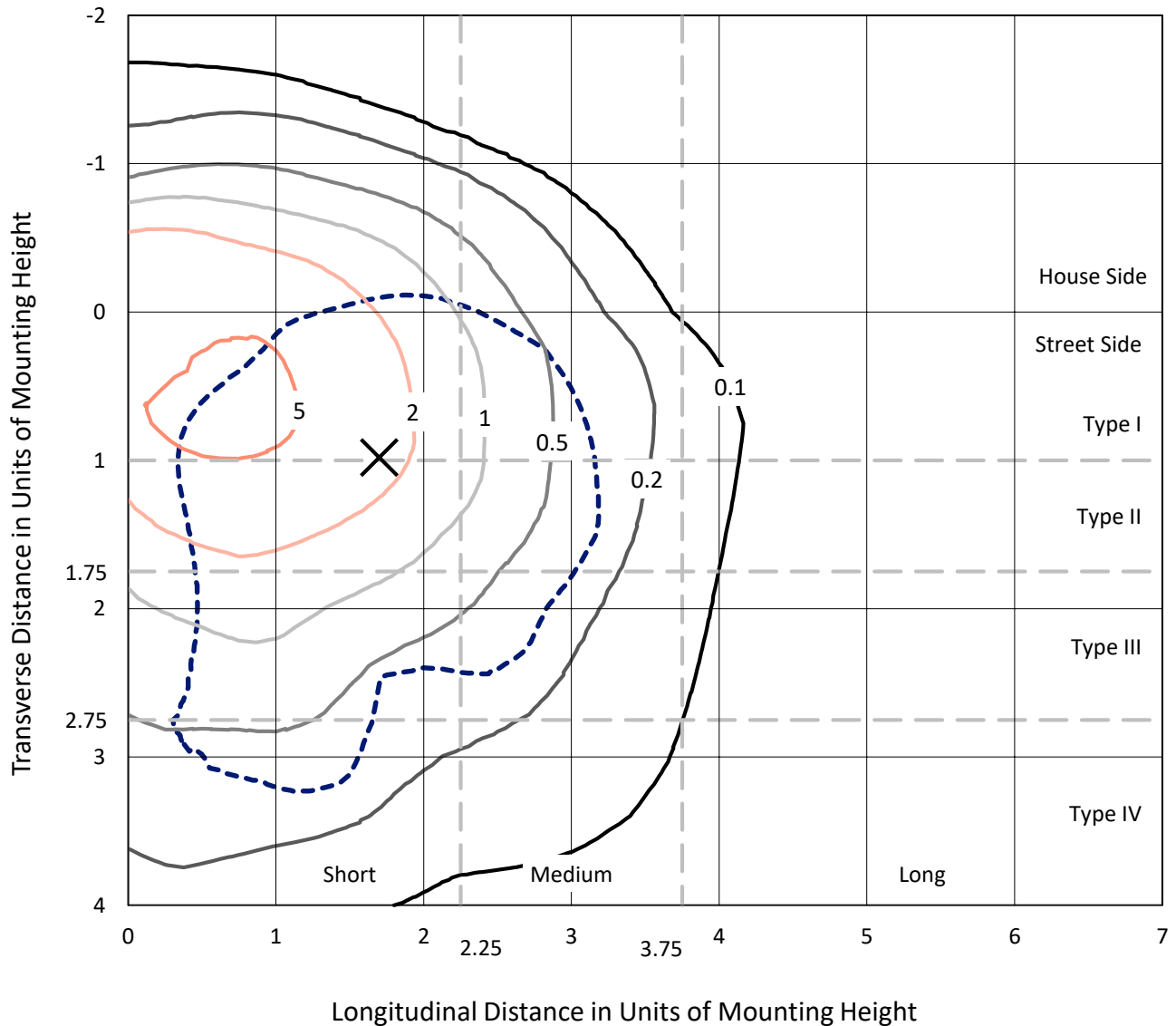
Input Watts (W): 97.2  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

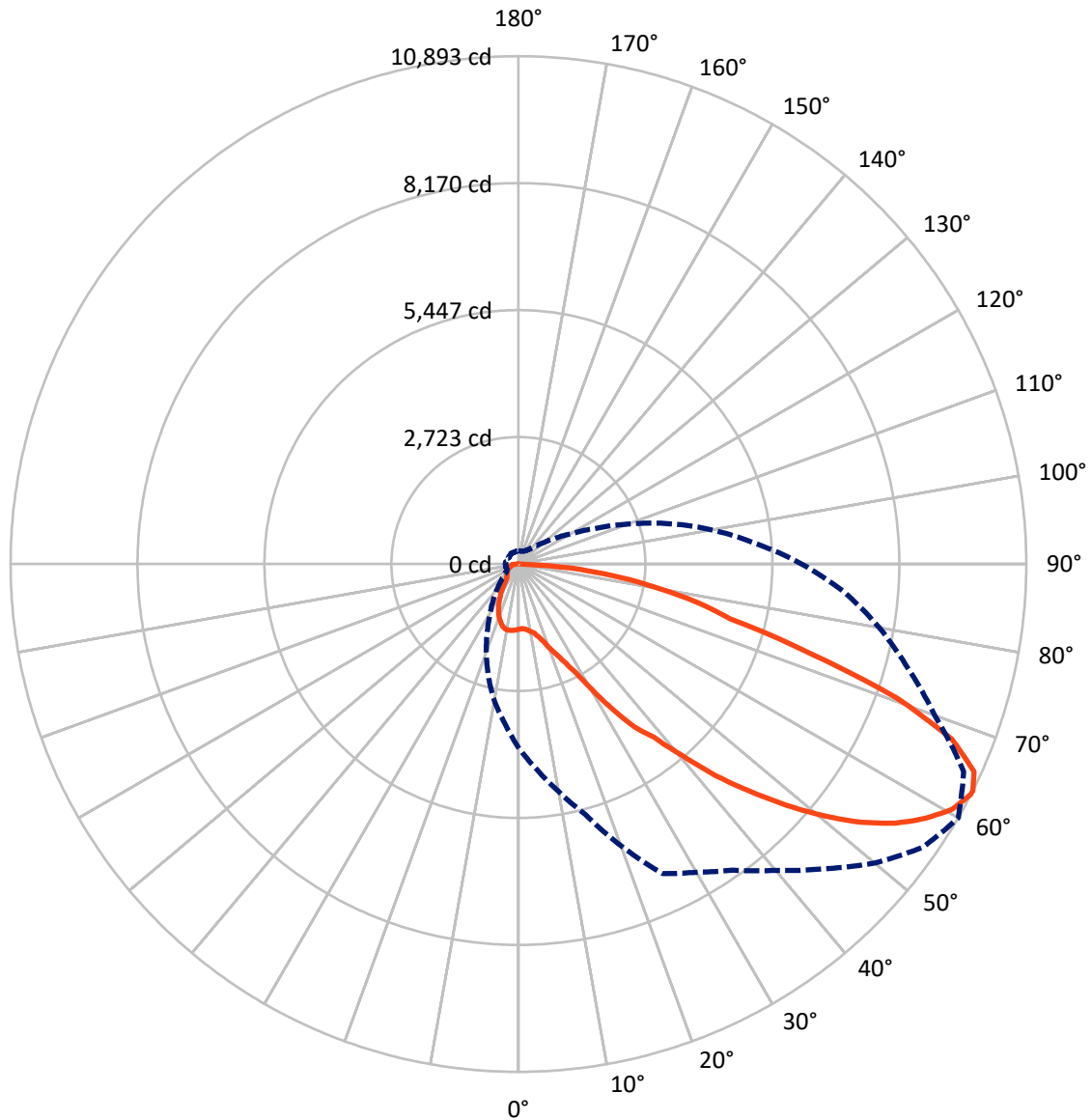
× Max cd  
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 6.9 fc  
 Type IV - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 60-Deg Lateral      - - - Horizontal Cone Through 63-Deg Vertical

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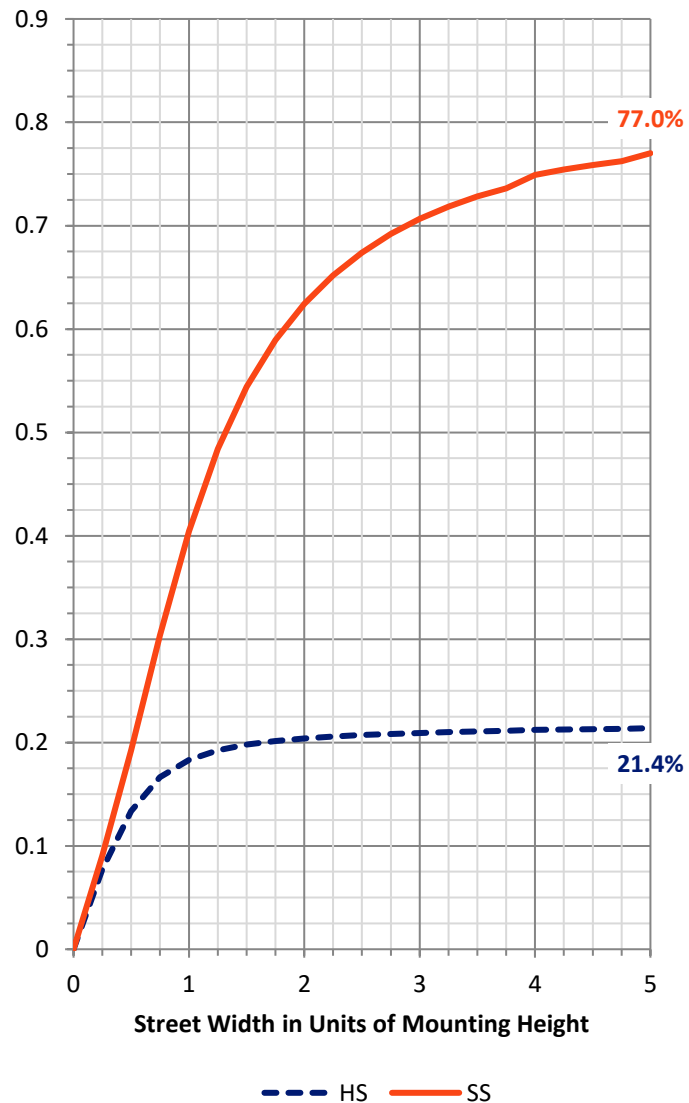
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 2413.5   | 0.0    | 2413.5  |
|                    | % Fixture | 21.7     | 0.0    | 21.7    |
| <b>Street Side</b> | Lumens    | 8716.4   | 0.0    | 8716.4  |
|                    | % Fixture | 78.3     | 0.0    | 78.3    |
| <b>Total</b>       | Lumens    | 11129.8  | 0.0    | 11129.8 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 136.1   | 1.2       |
| 10°-20°   | 424.0   | 3.8       |
| 20°-30°   | 753.3   | 6.8       |
| 30°-40°   | 1186.3  | 10.7      |
| 40°-50°   | 1745.9  | 15.7      |
| 50°-60°   | 2319.0  | 20.8      |
| 60°-70°   | 2554.4  | 23.0      |
| 70°-80°   | 1602.6  | 14.4      |
| 80°-90°   | 408.2   | 3.7       |
| 90°-100°  | 0.0     | 0.0       |
| 100°-110° | 0.0     | 0.0       |
| 110°-120° | 0.0     | 0.0       |
| 120°-130° | 0.0     | 0.0       |
| 130°-140° | 0.0     | 0.0       |
| 140°-150° | 0.0     | 0.0       |
| 150°-160° | 0.0     | 0.0       |
| 160°-170° | 0.0     | 0.0       |
| 170°-180° | 0.0     | 0.0       |
| 0°-90°    | 11129.8 | 100.0     |
| 0°-180°   | 11129.8 | 100.0     |

**Coefficient of Utilization**



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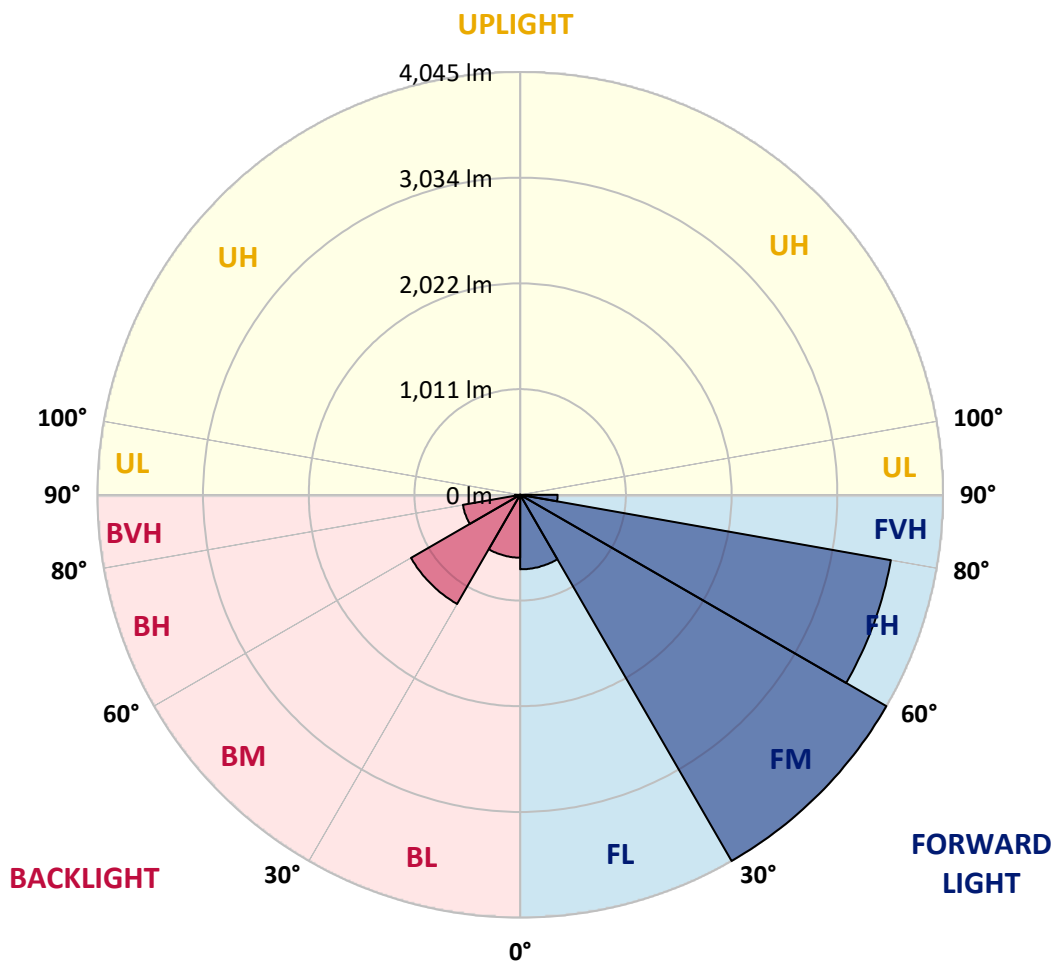
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 712.7  | 6.4       |                         |      |         |
| FM   | (30°-60°)   | 4044.8 | 36.3      |                         |      |         |
| FH   | (60°-80°)   | 3600.7 | 32.4      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 358.2  | 3.2       |                         |      | G3/500  |
| BL   | (0°-30°)    | 600.9  | 5.4       | B2/1000                 |      |         |
| BM   | (30°-60°)   | 1206.3 | 10.8      | B2/2500                 |      |         |
| BH   | (60°-80°)   | 556.3  | 5.0       | B2/1000                 |      | G2/1000 |
| BVH  | (80°-90°)   | 50.0   | 0.4       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B2-U0-G3**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°     |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| 0°    | 1398.7 | 1398.7 | 1398.7 | 1398.7 | 1398.7 | 1398.7 | 1398.7 | 1398.7 | 1398.7 | 1398.7 | 1398.7  |
| 2.5°  | 1380.0 | 1382.7 | 1382.7 | 1381.3 | 1381.3 | 1384.0 | 1382.7 | 1381.3 | 1377.3 | 1382.7 | 1382.7  |
| 5°    | 1369.3 | 1372.0 | 1372.0 | 1374.7 | 1377.3 | 1380.0 | 1380.0 | 1382.7 | 1381.3 | 1386.7 | 1390.7  |
| 7.5°  | 1382.7 | 1385.3 | 1390.7 | 1397.3 | 1401.3 | 1410.7 | 1410.7 | 1417.3 | 1420.0 | 1424.0 | 1422.7  |
| 10°   | 1400.0 | 1406.7 | 1418.7 | 1429.3 | 1437.3 | 1448.0 | 1456.0 | 1465.3 | 1465.3 | 1469.3 | 1472.0  |
| 12.5° | 1430.7 | 1437.3 | 1450.7 | 1464.0 | 1476.0 | 1489.3 | 1501.3 | 1510.7 | 1520.0 | 1522.7 | 1528.0  |
| 15°   | 1481.3 | 1489.3 | 1509.3 | 1528.0 | 1542.7 | 1560.0 | 1576.0 | 1594.7 | 1612.0 | 1616.0 | 1618.7  |
| 17.5° | 1557.3 | 1573.3 | 1588.0 | 1621.3 | 1642.7 | 1665.3 | 1690.7 | 1717.3 | 1722.7 | 1750.7 | 1757.3  |
| 20°   | 1665.3 | 1685.3 | 1698.7 | 1740.0 | 1776.0 | 1805.3 | 1842.7 | 1873.3 | 1885.3 | 1912.0 | 1938.7  |
| 22.5° | 1852.0 | 1848.0 | 1868.0 | 1909.3 | 1936.0 | 1994.7 | 2026.7 | 2058.7 | 2074.7 | 2114.7 | 2136.0  |
| 25°   | 2102.7 | 2124.0 | 2168.0 | 2172.0 | 2197.3 | 2265.3 | 2306.7 | 2338.7 | 2340.0 | 2352.0 | 2374.7  |
| 27.5° | 2349.3 | 2437.3 | 2506.7 | 2544.0 | 2612.0 | 2674.7 | 2672.0 | 2717.3 | 2646.7 | 2661.3 | 2682.7  |
| 30°   | 2648.0 | 2794.7 | 2925.3 | 3013.3 | 3082.7 | 3156.0 | 3192.0 | 3217.3 | 3186.7 | 3173.3 | 3148.0  |
| 32.5° | 2928.0 | 3133.3 | 3334.7 | 3490.7 | 3620.0 | 3741.3 | 3821.3 | 3857.3 | 3900.0 | 4008.0 | 4046.7  |
| 35°   | 3120.0 | 3410.7 | 3661.3 | 3886.7 | 4102.7 | 4296.0 | 4436.0 | 4516.0 | 4485.3 | 4470.7 | 4462.7  |
| 37.5° | 3234.7 | 3589.3 | 3902.7 | 4221.3 | 4469.3 | 4758.7 | 4976.0 | 5186.7 | 5234.7 | 5150.7 | 5109.3  |
| 40°   | 3306.7 | 3726.7 | 4129.3 | 4505.3 | 4826.7 | 5200.0 | 5469.3 | 5785.3 | 6025.3 | 6057.3 | 5958.7  |
| 42.5° | 3341.3 | 3818.7 | 4288.0 | 4713.3 | 5148.0 | 5605.3 | 5946.7 | 6329.3 | 6688.0 | 6934.7 | 6873.3  |
| 45°   | 3346.7 | 3878.7 | 4404.0 | 4901.3 | 5418.7 | 5961.3 | 6401.3 | 6825.3 | 7305.3 | 7728.0 | 7740.0  |
| 47.5° | 3346.7 | 3924.0 | 4484.0 | 5037.3 | 5661.3 | 6270.7 | 6750.7 | 7252.0 | 7840.0 | 8340.0 | 8493.3  |
| 50°   | 3349.3 | 3954.7 | 4558.7 | 5144.0 | 5846.7 | 6532.0 | 7074.7 | 7666.7 | 8285.3 | 8829.3 | 9125.3  |
| 52.5° | 3361.3 | 3977.3 | 4617.3 | 5220.0 | 5966.7 | 6716.0 | 7326.7 | 8009.3 | 8625.3 | 9184.0 | 9566.7  |
| 55°   | 3388.0 | 4009.3 | 4660.0 | 5266.7 | 6046.7 | 6836.0 | 7509.3 | 8244.0 | 8845.3 | 9412.0 | 9946.7  |
| 57.5° | 3462.7 | 4065.3 | 4712.0 | 5308.0 | 6090.7 | 6914.7 | 7637.3 | 8345.3 | 8929.3 | 9520.0 | 10148.0 |
| 60°   | 3612.0 | 4184.0 | 4801.3 | 5390.7 | 6164.0 | 7060.0 | 7698.7 | 8277.3 | 8868.0 | 9488.0 | 10193.3 |
| 62.5° | 3850.7 | 4369.3 | 4925.3 | 5530.7 | 6373.3 | 7285.3 | 7652.0 | 8074.7 | 8626.7 | 9302.7 | 10032.0 |
| 63°   | 3933.3 | 4409.3 | 4953.3 | 5561.3 | 6430.7 | 7326.7 | 7632.0 | 8014.7 | 8577.3 | 9244.0 | 9974.7  |
| 65°   | 4164.0 | 4586.7 | 5086.7 | 5716.0 | 6666.7 | 7368.0 | 7476.0 | 7702.7 | 8236.0 | 8909.3 | 9636.0  |
| 67.5° | 4594.7 | 5017.3 | 5373.3 | 5977.3 | 6865.3 | 7205.3 | 6992.0 | 7020.0 | 7577.3 | 8274.7 | 8928.0  |
| 70°   | 4866.7 | 5370.7 | 5556.0 | 6010.7 | 6829.3 | 6964.0 | 6365.3 | 5994.7 | 6441.3 | 7236.0 | 7808.0  |
| 72.5° | 4796.0 | 5374.7 | 5354.7 | 5566.7 | 6109.3 | 6234.7 | 5614.7 | 5030.7 | 5296.0 | 5889.3 | 6260.0  |
| 75°   | 4108.0 | 4800.0 | 4653.3 | 4610.7 | 4801.3 | 4884.0 | 4418.7 | 4329.3 | 4664.0 | 4993.3 | 4998.7  |
| 77.5° | 2957.3 | 3718.7 | 3546.7 | 3300.0 | 3286.7 | 3477.3 | 3540.0 | 4125.3 | 4620.0 | 4880.0 | 4765.3  |
| 80°   | 1884.0 | 2709.3 | 2530.7 | 2100.0 | 2093.3 | 2341.3 | 2892.0 | 3688.0 | 4212.0 | 4357.3 | 4058.7  |
| 82.5° | 984.0  | 1773.3 | 1841.3 | 1576.0 | 1804.0 | 2214.7 | 2752.0 | 2972.0 | 3170.7 | 3190.7 | 2838.7  |
| 85°   | 613.3  | 1090.7 | 1282.7 | 1324.0 | 1629.3 | 1964.0 | 1960.0 | 1882.7 | 1794.7 | 1536.0 | 1389.3  |
| 87.5° | 69.3   | 137.3  | 208.0  | 197.3  | 265.3  | 372.0  | 464.0  | 272.0  | 190.7  | 69.3   | 96.0    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     |



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**CANDELA DISTRIBUTION (continued):**

|       | 55°     | 60°     | 65°     | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|-------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1398.7  | 1398.7  | 1398.7  | 1398.7 | 1398.7 | 1398.7 | 1398.7 | 1398.7 | 1398.7 | 1398.7 | 1398.7 |
| 2.5°  | 1385.3  | 1386.7  | 1388.0  | 1388.0 | 1394.7 | 1393.3 | 1394.7 | 1397.3 | 1401.3 | 1404.0 | 1406.7 |
| 5°    | 1396.0  | 1396.0  | 1401.3  | 1405.3 | 1413.3 | 1418.7 | 1421.3 | 1429.3 | 1438.7 | 1436.0 | 1444.0 |
| 7.5°  | 1430.7  | 1429.3  | 1434.7  | 1437.3 | 1444.0 | 1453.3 | 1452.0 | 1458.7 | 1466.7 | 1469.3 | 1476.0 |
| 10°   | 1477.3  | 1473.3  | 1473.3  | 1470.7 | 1472.0 | 1469.3 | 1469.3 | 1469.3 | 1474.7 | 1473.3 | 1478.7 |
| 12.5° | 1525.3  | 1524.0  | 1521.3  | 1513.3 | 1513.3 | 1502.7 | 1497.3 | 1490.7 | 1489.3 | 1480.0 | 1481.3 |
| 15°   | 1624.0  | 1624.0  | 1618.7  | 1602.7 | 1589.3 | 1580.0 | 1566.7 | 1557.3 | 1544.0 | 1526.7 | 1517.3 |
| 17.5° | 1768.0  | 1749.3  | 1742.7  | 1740.0 | 1718.7 | 1710.7 | 1681.3 | 1650.7 | 1636.0 | 1612.0 | 1598.7 |
| 20°   | 1944.0  | 1940.0  | 1913.3  | 1900.0 | 1873.3 | 1836.0 | 1798.7 | 1758.7 | 1734.7 | 1705.3 | 1689.3 |
| 22.5° | 2142.7  | 2113.3  | 2100.0  | 2080.0 | 2038.7 | 1996.0 | 1940.0 | 1886.7 | 1849.3 | 1829.3 | 1817.3 |
| 25°   | 2374.7  | 2345.3  | 2332.0  | 2305.3 | 2254.7 | 2209.3 | 2140.0 | 2077.3 | 2044.0 | 2010.7 | 1992.0 |
| 27.5° | 2682.7  | 2654.7  | 2638.7  | 2569.3 | 2552.0 | 2477.3 | 2392.0 | 2306.7 | 2262.7 | 2213.3 | 2181.3 |
| 30°   | 3142.7  | 3144.0  | 3061.3  | 2977.3 | 2890.7 | 2761.3 | 2672.0 | 2576.0 | 2504.0 | 2433.3 | 2362.7 |
| 32.5° | 3920.0  | 3721.3  | 3568.0  | 3388.0 | 3200.0 | 3062.7 | 2952.0 | 2837.3 | 2737.3 | 2634.7 | 2517.3 |
| 35°   | 4394.7  | 4298.7  | 4100.0  | 3770.7 | 3581.3 | 3414.7 | 3292.0 | 3153.3 | 3030.7 | 2849.3 | 2670.7 |
| 37.5° | 4930.7  | 4708.0  | 4466.7  | 4284.0 | 4069.3 | 3876.0 | 3670.7 | 3513.3 | 3301.3 | 3057.3 | 2804.0 |
| 40°   | 5713.3  | 5394.7  | 5104.0  | 4858.7 | 4581.3 | 4378.7 | 4149.3 | 3921.3 | 3640.0 | 3286.7 | 2938.7 |
| 42.5° | 6530.7  | 6201.3  | 5817.3  | 5498.7 | 5172.0 | 4934.7 | 4650.7 | 4330.7 | 3917.3 | 3480.0 | 3054.7 |
| 45°   | 7388.0  | 6948.0  | 6488.0  | 6098.7 | 5758.7 | 5464.0 | 5112.0 | 4688.0 | 4184.0 | 3653.3 | 3162.7 |
| 47.5° | 8233.3  | 7728.0  | 7180.0  | 6761.3 | 6318.7 | 5958.7 | 5526.7 | 4990.7 | 4392.0 | 3817.3 | 3270.7 |
| 50°   | 8978.7  | 8492.0  | 7832.0  | 7300.0 | 6852.0 | 6408.0 | 5869.3 | 5224.0 | 4556.0 | 3958.7 | 3368.0 |
| 52.5° | 9621.3  | 9202.7  | 8508.0  | 7836.0 | 7320.0 | 6821.3 | 6145.3 | 5412.0 | 4721.3 | 4089.3 | 3448.0 |
| 55°   | 10093.3 | 9814.7  | 9174.7  | 8341.3 | 7732.0 | 7137.3 | 6378.7 | 5593.3 | 4877.3 | 4193.3 | 3500.0 |
| 57.5° | 10449.3 | 10294.7 | 9745.3  | 8817.3 | 8110.7 | 7444.0 | 6620.0 | 5810.7 | 5032.0 | 4282.7 | 3524.0 |
| 60°   | 10644.0 | 10686.7 | 10177.3 | 9233.3 | 8445.3 | 7700.0 | 6861.3 | 5996.0 | 5146.7 | 4334.7 | 3510.7 |
| 62.5° | 10625.3 | 10886.7 | 10501.3 | 9489.3 | 8640.0 | 7852.0 | 7024.0 | 6082.7 | 5130.7 | 4252.0 | 3389.3 |
| 63°   | 10589.3 | 10893.3 | 10537.3 | 9506.7 | 8652.0 | 7857.3 | 7028.0 | 6070.7 | 5097.3 | 4212.0 | 3341.3 |
| 65°   | 10278.7 | 10740.0 | 10506.7 | 9428.0 | 8545.3 | 7757.3 | 6944.0 | 5897.3 | 4862.7 | 3997.3 | 3094.7 |
| 67.5° | 9446.7  | 10024.0 | 9957.3  | 8872.0 | 8040.0 | 7344.0 | 6514.7 | 5338.7 | 4282.7 | 3469.3 | 2622.7 |
| 70°   | 8072.0  | 8614.7  | 8626.7  | 7716.0 | 7021.3 | 6338.7 | 5649.3 | 4344.0 | 3394.7 | 2689.3 | 1956.0 |
| 72.5° | 6186.7  | 6536.0  | 6657.3  | 6057.3 | 5592.0 | 5112.0 | 4493.3 | 3153.3 | 2420.0 | 1829.3 | 1273.3 |
| 75°   | 4790.7  | 4694.7  | 4693.3  | 4440.0 | 4250.7 | 4016.0 | 3336.0 | 2128.0 | 1589.3 | 1189.3 | 778.7  |
| 77.5° | 4306.7  | 3880.0  | 3466.7  | 3162.7 | 3010.7 | 2932.0 | 2188.0 | 1282.7 | 937.3  | 684.0  | 448.0  |
| 80°   | 3552.0  | 2922.7  | 2361.3  | 2033.3 | 1902.7 | 1993.3 | 1220.0 | 693.3  | 513.3  | 389.3  | 290.7  |
| 82.5° | 2449.3  | 2033.3  | 1545.3  | 1280.0 | 1098.7 | 1149.3 | 624.0  | 354.7  | 237.3  | 217.3  | 180.0  |
| 85°   | 1276.0  | 1118.7  | 944.0   | 810.7  | 716.0  | 629.3  | 324.0  | 169.3  | 98.7   | 86.7   | 78.7   |
| 87.5° | 0.0     | 1.3     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 90°   | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |





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**CANDELA DISTRIBUTION (continued):**

|       | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1398.7 | 1398.7 | 1398.7 | 1398.7 | 1398.7 | 1398.7 | 1398.7 | 1398.7 | 1398.7 | 1398.7 | 1398.7 |
| 2.5°  | 1410.7 | 1409.3 | 1412.0 | 1413.3 | 1417.3 | 1420.0 | 1421.3 | 1418.7 | 1422.7 | 1426.7 | 1424.0 |
| 5°    | 1448.0 | 1457.3 | 1458.7 | 1462.7 | 1462.7 | 1470.7 | 1470.7 | 1470.7 | 1469.3 | 1470.7 | 1468.0 |
| 7.5°  | 1480.0 | 1492.0 | 1493.3 | 1498.7 | 1500.0 | 1509.3 | 1505.3 | 1508.0 | 1508.0 | 1501.3 | 1498.7 |
| 10°   | 1484.0 | 1496.0 | 1502.7 | 1509.3 | 1518.7 | 1530.7 | 1530.7 | 1537.3 | 1537.3 | 1532.0 | 1530.7 |
| 12.5° | 1485.3 | 1494.7 | 1501.3 | 1510.7 | 1524.0 | 1541.3 | 1550.7 | 1560.0 | 1564.0 | 1562.7 | 1558.7 |
| 15°   | 1513.3 | 1513.3 | 1514.7 | 1522.7 | 1532.0 | 1553.3 | 1566.7 | 1577.3 | 1584.0 | 1581.3 | 1574.7 |
| 17.5° | 1586.7 | 1576.0 | 1568.0 | 1554.7 | 1557.3 | 1568.0 | 1576.0 | 1585.3 | 1586.7 | 1584.0 | 1573.3 |
| 20°   | 1672.0 | 1658.7 | 1638.7 | 1617.3 | 1606.7 | 1598.7 | 1593.3 | 1593.3 | 1589.3 | 1576.0 | 1558.7 |
| 22.5° | 1793.3 | 1776.0 | 1748.0 | 1716.0 | 1694.7 | 1669.3 | 1638.7 | 1609.3 | 1577.3 | 1545.3 | 1508.0 |
| 25°   | 1961.3 | 1937.3 | 1908.0 | 1858.7 | 1813.3 | 1760.0 | 1697.3 | 1632.0 | 1556.0 | 1489.3 | 1434.7 |
| 27.5° | 2130.7 | 2077.3 | 2001.3 | 1933.3 | 1849.3 | 1769.3 | 1680.0 | 1600.0 | 1502.7 | 1422.7 | 1362.7 |
| 30°   | 2270.7 | 2169.3 | 2060.0 | 1952.0 | 1841.3 | 1733.3 | 1626.7 | 1530.7 | 1424.0 | 1342.7 | 1284.0 |
| 32.5° | 2378.7 | 2238.7 | 2086.7 | 1945.3 | 1809.3 | 1677.3 | 1554.7 | 1448.0 | 1340.0 | 1256.0 | 1193.3 |
| 35°   | 2478.7 | 2284.0 | 2090.7 | 1916.0 | 1748.0 | 1610.7 | 1472.0 | 1356.0 | 1241.3 | 1153.3 | 1085.3 |
| 37.5° | 2553.3 | 2305.3 | 2066.7 | 1861.3 | 1668.0 | 1514.7 | 1373.3 | 1254.7 | 1137.3 | 1041.3 | 964.0  |
| 40°   | 2601.3 | 2292.0 | 2014.7 | 1782.7 | 1573.3 | 1412.0 | 1268.0 | 1145.3 | 1032.0 | 926.7  | 833.3  |
| 42.5° | 2640.0 | 2274.7 | 1962.7 | 1710.7 | 1498.7 | 1322.7 | 1174.7 | 1042.7 | 928.0  | 813.3  | 710.7  |
| 45°   | 2697.3 | 2288.0 | 1940.0 | 1660.0 | 1432.0 | 1246.7 | 1084.0 | 946.7  | 826.7  | 714.7  | 616.0  |
| 47.5° | 2753.3 | 2294.7 | 1906.7 | 1597.3 | 1348.0 | 1168.0 | 1002.7 | 869.3  | 746.7  | 644.0  | 553.3  |
| 50°   | 2804.0 | 2290.7 | 1854.7 | 1517.3 | 1266.7 | 1089.3 | 929.3  | 796.0  | 674.7  | 580.0  | 494.7  |
| 52.5° | 2828.0 | 2268.0 | 1790.7 | 1440.0 | 1201.3 | 1020.0 | 857.3  | 728.0  | 608.0  | 518.7  | 440.0  |
| 55°   | 2825.3 | 2209.3 | 1706.7 | 1366.7 | 1129.3 | 946.7  | 786.7  | 658.7  | 550.7  | 468.0  | 400.0  |
| 57.5° | 2785.3 | 2118.7 | 1617.3 | 1285.3 | 1034.7 | 856.0  | 704.0  | 580.0  | 489.3  | 420.0  | 362.7  |
| 60°   | 2701.3 | 2002.7 | 1500.0 | 1166.7 | 916.0  | 744.0  | 601.3  | 494.7  | 421.3  | 368.0  | 330.7  |
| 62.5° | 2544.0 | 1836.0 | 1353.3 | 1001.3 | 756.0  | 598.7  | 474.7  | 405.3  | 350.7  | 318.7  | 301.3  |
| 63°   | 2497.3 | 1790.7 | 1290.7 | 961.3  | 718.7  | 565.3  | 448.0  | 376.0  | 336.0  | 308.0  | 292.0  |
| 65°   | 2265.3 | 1568.0 | 1080.0 | 776.0  | 558.7  | 436.0  | 360.0  | 305.3  | 281.3  | 269.3  | 268.0  |
| 67.5° | 1834.7 | 1233.3 | 764.0  | 532.0  | 380.0  | 314.7  | 276.0  | 253.3  | 242.7  | 240.0  | 242.7  |
| 70°   | 1288.0 | 778.7  | 485.3  | 353.3  | 281.3  | 253.3  | 236.0  | 226.7  | 220.0  | 221.3  | 224.0  |
| 72.5° | 821.3  | 466.7  | 333.3  | 268.0  | 237.3  | 222.7  | 214.7  | 212.0  | 210.7  | 209.3  | 209.3  |
| 75°   | 468.0  | 310.7  | 256.0  | 232.0  | 216.0  | 204.0  | 197.3  | 194.7  | 196.0  | 197.3  | 194.7  |
| 77.5° | 309.3  | 256.0  | 228.0  | 212.0  | 197.3  | 184.0  | 180.0  | 178.7  | 181.3  | 184.0  | 184.0  |
| 80°   | 244.0  | 228.0  | 212.0  | 196.0  | 172.0  | 162.7  | 165.3  | 166.7  | 165.3  | 166.7  | 162.7  |
| 82.5° | 172.0  | 169.3  | 173.3  | 166.7  | 142.7  | 134.7  | 132.0  | 133.3  | 130.7  | 130.7  | 128.0  |
| 85°   | 80.0   | 80.0   | 84.0   | 84.0   | 81.3   | 82.7   | 89.3   | 97.3   | 101.3  | 97.3   | 92.0   |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 12.0   | 24.0   | 34.7   | 37.3   | 46.7   | 45.3   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



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**CANDELA DISTRIBUTION (continued):**

|       | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1398.7 | 1398.7 | 1398.7 | 1398.7 | 1398.7 | 1398.7 | 1398.7 | 1398.7 | 1398.7 | 1398.7 | 1398.7 |
| 2.5°  | 1420.0 | 1422.7 | 1421.3 | 1420.0 | 1422.7 | 1420.0 | 1421.3 | 1420.0 | 1420.0 | 1418.7 | 1418.7 |
| 5°    | 1465.3 | 1469.3 | 1461.3 | 1460.0 | 1457.3 | 1450.7 | 1450.7 | 1448.0 | 1448.0 | 1442.7 | 1438.7 |
| 7.5°  | 1494.7 | 1496.0 | 1489.3 | 1488.0 | 1481.3 | 1474.7 | 1469.3 | 1464.0 | 1462.7 | 1458.7 | 1450.7 |
| 10°   | 1522.7 | 1520.0 | 1514.7 | 1508.0 | 1501.3 | 1492.0 | 1485.3 | 1478.7 | 1477.3 | 1470.7 | 1461.3 |
| 12.5° | 1546.7 | 1545.3 | 1534.7 | 1528.0 | 1517.3 | 1508.0 | 1500.0 | 1492.0 | 1488.0 | 1480.0 | 1466.7 |
| 15°   | 1562.7 | 1554.7 | 1541.3 | 1529.3 | 1517.3 | 1506.7 | 1497.3 | 1488.0 | 1484.0 | 1474.7 | 1461.3 |
| 17.5° | 1556.0 | 1541.3 | 1524.0 | 1509.3 | 1493.3 | 1480.0 | 1472.0 | 1462.7 | 1456.0 | 1450.7 | 1432.0 |
| 20°   | 1532.0 | 1510.7 | 1484.0 | 1466.7 | 1445.3 | 1428.0 | 1422.7 | 1413.3 | 1408.0 | 1388.0 | 1364.0 |
| 22.5° | 1469.3 | 1438.7 | 1405.3 | 1380.0 | 1356.0 | 1338.7 | 1325.3 | 1316.0 | 1302.7 | 1290.7 | 1253.3 |
| 25°   | 1390.7 | 1356.0 | 1321.3 | 1290.7 | 1258.7 | 1232.0 | 1208.0 | 1185.3 | 1178.7 | 1153.3 | 1117.3 |
| 27.5° | 1314.7 | 1276.0 | 1241.3 | 1205.3 | 1164.0 | 1130.7 | 1089.3 | 1057.3 | 1036.0 | 1009.3 | 976.0  |
| 30°   | 1233.3 | 1194.7 | 1148.0 | 1100.0 | 1052.0 | 1016.0 | 969.3  | 930.7  | 904.0  | 876.0  | 845.3  |
| 32.5° | 1130.7 | 1084.0 | 1028.0 | 974.7  | 930.7  | 888.0  | 841.3  | 804.0  | 777.3  | 752.0  | 722.7  |
| 35°   | 1013.3 | 952.0  | 892.0  | 833.3  | 786.7  | 750.7  | 709.3  | 681.3  | 662.7  | 640.0  | 609.3  |
| 37.5° | 878.7  | 809.3  | 745.3  | 700.0  | 658.7  | 624.0  | 594.7  | 577.3  | 557.3  | 545.3  | 526.7  |
| 40°   | 742.7  | 674.7  | 612.0  | 570.7  | 536.0  | 516.0  | 500.0  | 496.0  | 482.7  | 466.7  | 454.7  |
| 42.5° | 622.7  | 557.3  | 496.0  | 462.7  | 440.0  | 434.7  | 426.7  | 426.7  | 420.0  | 408.0  | 400.0  |
| 45°   | 541.3  | 473.3  | 420.0  | 396.0  | 384.0  | 382.7  | 378.7  | 378.7  | 377.3  | 372.0  | 362.7  |
| 47.5° | 482.7  | 421.3  | 380.0  | 365.3  | 362.7  | 360.0  | 356.0  | 354.7  | 353.3  | 349.3  | 344.0  |
| 50°   | 429.3  | 377.3  | 350.7  | 344.0  | 345.3  | 341.3  | 337.3  | 333.3  | 332.0  | 328.0  | 322.7  |
| 52.5° | 380.0  | 342.7  | 325.3  | 321.3  | 321.3  | 321.3  | 318.7  | 318.7  | 316.0  | 314.7  | 309.3  |
| 55°   | 352.0  | 324.0  | 314.7  | 313.3  | 312.0  | 310.7  | 308.0  | 308.0  | 305.3  | 304.0  | 297.3  |
| 57.5° | 328.0  | 310.7  | 305.3  | 302.7  | 301.3  | 298.7  | 297.3  | 297.3  | 297.3  | 297.3  | 289.3  |
| 60°   | 309.3  | 301.3  | 300.0  | 297.3  | 296.0  | 290.7  | 288.0  | 286.7  | 288.0  | 289.3  | 281.3  |
| 62.5° | 289.3  | 288.0  | 286.7  | 284.0  | 282.7  | 277.3  | 273.3  | 270.7  | 273.3  | 276.0  | 274.7  |
| 63°   | 284.0  | 282.7  | 282.7  | 281.3  | 280.0  | 273.3  | 269.3  | 266.7  | 269.3  | 272.0  | 272.0  |
| 65°   | 265.3  | 266.7  | 266.7  | 265.3  | 264.0  | 260.0  | 254.7  | 252.0  | 253.3  | 257.3  | 258.7  |
| 67.5° | 245.3  | 246.7  | 245.3  | 246.7  | 245.3  | 242.7  | 238.7  | 236.0  | 234.7  | 236.0  | 237.3  |
| 70°   | 226.7  | 229.3  | 228.0  | 226.7  | 225.3  | 225.3  | 222.7  | 218.7  | 217.3  | 216.0  | 216.0  |
| 72.5° | 210.7  | 210.7  | 208.0  | 208.0  | 206.7  | 206.7  | 204.0  | 200.0  | 198.7  | 198.7  | 196.0  |
| 75°   | 193.3  | 193.3  | 189.3  | 189.3  | 186.7  | 188.0  | 185.3  | 181.3  | 180.0  | 180.0  | 178.7  |
| 77.5° | 182.7  | 178.7  | 172.0  | 170.7  | 169.3  | 169.3  | 168.0  | 164.0  | 162.7  | 162.7  | 161.3  |
| 80°   | 161.3  | 153.3  | 146.7  | 145.3  | 146.7  | 149.3  | 149.3  | 146.7  | 146.7  | 146.7  | 146.7  |
| 82.5° | 125.3  | 122.7  | 118.7  | 116.0  | 116.0  | 120.0  | 125.3  | 128.0  | 130.7  | 133.3  | 133.3  |
| 85°   | 92.0   | 93.3   | 92.0   | 88.0   | 86.7   | 90.7   | 96.0   | 101.3  | 102.7  | 108.0  | 106.7  |
| 87.5° | 49.3   | 50.7   | 46.7   | 45.3   | 49.3   | 52.0   | 57.3   | 58.7   | 61.3   | 62.7   | 64.0   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



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**CANDELA DISTRIBUTION (continued):**

|       | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1398.7 | 1398.7 | 1398.7 | 1398.7 | 1398.7 | 1398.7 | 1398.7 | 1398.7 | 1398.7 | 1398.7 | 1398.7 |
| 2.5°  | 1417.3 | 1416.0 | 1417.3 | 1414.7 | 1414.7 | 1412.0 | 1409.3 | 1408.0 | 1405.3 | 1404.0 | 1401.3 |
| 5°    | 1441.3 | 1437.3 | 1433.3 | 1432.0 | 1426.7 | 1421.3 | 1417.3 | 1410.7 | 1405.3 | 1396.0 | 1393.3 |
| 7.5°  | 1457.3 | 1448.0 | 1442.7 | 1441.3 | 1433.3 | 1429.3 | 1420.0 | 1412.0 | 1404.0 | 1392.0 | 1388.0 |
| 10°   | 1464.0 | 1454.7 | 1445.3 | 1441.3 | 1432.0 | 1425.3 | 1416.0 | 1404.0 | 1397.3 | 1385.3 | 1382.7 |
| 12.5° | 1472.0 | 1454.7 | 1440.0 | 1429.3 | 1416.0 | 1401.3 | 1392.0 | 1385.3 | 1376.0 | 1369.3 | 1366.7 |
| 15°   | 1457.3 | 1434.7 | 1412.0 | 1392.0 | 1370.7 | 1354.7 | 1345.3 | 1334.7 | 1324.0 | 1320.0 | 1320.0 |
| 17.5° | 1417.3 | 1388.0 | 1349.3 | 1324.0 | 1301.3 | 1284.0 | 1272.0 | 1261.3 | 1260.0 | 1254.7 | 1257.3 |
| 20°   | 1334.7 | 1296.0 | 1258.7 | 1240.0 | 1226.7 | 1216.0 | 1204.0 | 1198.7 | 1194.7 | 1186.7 | 1184.0 |
| 22.5° | 1220.0 | 1188.0 | 1161.3 | 1148.0 | 1137.3 | 1124.0 | 1113.3 | 1097.3 | 1093.3 | 1085.3 | 1081.3 |
| 25°   | 1093.3 | 1068.0 | 1045.3 | 1036.0 | 1029.3 | 1010.7 | 1004.0 | 982.7  | 968.0  | 958.7  | 964.0  |
| 27.5° | 966.7  | 948.0  | 926.7  | 914.7  | 910.7  | 893.3  | 886.7  | 862.7  | 850.7  | 850.7  | 837.3  |
| 30°   | 836.0  | 818.7  | 805.3  | 792.0  | 789.3  | 768.0  | 750.7  | 741.3  | 728.0  | 722.7  | 713.3  |
| 32.5° | 713.3  | 696.0  | 685.3  | 678.7  | 668.0  | 650.7  | 633.3  | 617.3  | 596.0  | 588.0  | 584.0  |
| 35°   | 600.0  | 586.7  | 573.3  | 568.0  | 553.3  | 534.7  | 513.3  | 500.0  | 474.7  | 465.3  | 461.3  |
| 37.5° | 513.3  | 497.3  | 488.0  | 473.3  | 458.7  | 438.7  | 422.7  | 410.7  | 401.3  | 397.3  | 397.3  |
| 40°   | 444.0  | 432.0  | 421.3  | 409.3  | 397.3  | 386.7  | 378.7  | 376.0  | 374.7  | 374.7  | 377.3  |
| 42.5° | 392.0  | 381.3  | 376.0  | 369.3  | 365.3  | 365.3  | 364.0  | 365.3  | 366.7  | 368.0  | 372.0  |
| 45°   | 357.3  | 350.7  | 348.0  | 346.7  | 349.3  | 352.0  | 353.3  | 356.0  | 361.3  | 364.0  | 365.3  |
| 47.5° | 338.7  | 333.3  | 332.0  | 333.3  | 337.3  | 342.7  | 348.0  | 352.0  | 356.0  | 357.3  | 358.7  |
| 50°   | 320.0  | 313.3  | 310.7  | 313.3  | 318.7  | 326.7  | 330.7  | 337.3  | 340.0  | 342.7  | 340.0  |
| 52.5° | 304.0  | 298.7  | 297.3  | 297.3  | 302.7  | 308.0  | 313.3  | 318.7  | 320.0  | 320.0  | 318.7  |
| 55°   | 290.7  | 286.7  | 282.7  | 285.3  | 289.3  | 294.7  | 302.7  | 306.7  | 309.3  | 310.7  | 310.7  |
| 57.5° | 280.0  | 276.0  | 272.0  | 274.7  | 278.7  | 284.0  | 292.0  | 296.0  | 298.7  | 302.7  | 304.0  |
| 60°   | 272.0  | 266.7  | 262.7  | 266.7  | 270.7  | 278.7  | 285.3  | 289.3  | 296.0  | 297.3  | 297.3  |
| 62.5° | 264.0  | 258.7  | 252.0  | 256.0  | 256.0  | 260.0  | 266.7  | 272.0  | 278.7  | 281.3  | 281.3  |
| 63°   | 262.7  | 257.3  | 250.7  | 253.3  | 253.3  | 256.0  | 261.3  | 266.7  | 274.7  | 277.3  | 276.0  |
| 65°   | 252.0  | 250.7  | 244.0  | 244.0  | 241.3  | 244.0  | 248.0  | 253.3  | 257.3  | 261.3  | 261.3  |
| 67.5° | 234.7  | 233.3  | 232.0  | 232.0  | 232.0  | 234.7  | 237.3  | 241.3  | 245.3  | 248.0  | 246.7  |
| 70°   | 214.7  | 214.7  | 214.7  | 216.0  | 216.0  | 218.7  | 220.0  | 218.7  | 222.7  | 225.3  | 224.0  |
| 72.5° | 197.3  | 196.0  | 194.7  | 197.3  | 196.0  | 196.0  | 198.7  | 197.3  | 201.3  | 201.3  | 202.7  |
| 75°   | 178.7  | 177.3  | 177.3  | 178.7  | 176.0  | 173.3  | 174.7  | 174.7  | 176.0  | 176.0  | 178.7  |
| 77.5° | 162.7  | 162.7  | 162.7  | 161.3  | 158.7  | 157.3  | 156.0  | 156.0  | 156.0  | 156.0  | 157.3  |
| 80°   | 148.0  | 148.0  | 148.0  | 146.7  | 144.0  | 141.3  | 138.7  | 137.3  | 136.0  | 129.3  | 129.3  |
| 82.5° | 133.3  | 133.3  | 133.3  | 133.3  | 132.0  | 129.3  | 125.3  | 114.7  | 109.3  | 104.0  | 105.3  |
| 85°   | 105.3  | 108.0  | 110.7  | 114.7  | 113.3  | 113.3  | 105.3  | 92.0   | 84.0   | 78.7   | 80.0   |
| 87.5° | 68.0   | 60.0   | 60.0   | 58.7   | 56.0   | 53.3   | 53.3   | 45.3   | 37.3   | 33.3   | 34.7   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



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REPORT N  
 CATALOG

**CANDELA DISTRIBUTION (continued):**

**CANDELA**

|       | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |       |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 0°    | 1398.7 | 1398.7 | 1398.7 | 1398.7 | 1398.7 | 1398.7 | 1398.7 | 1398.7 | 1398.7 | 1398.7 | 1398.7 | 0°    |
| 2.5°  | 1401.3 | 1398.7 | 1396.0 | 1396.0 | 1392.0 | 1392.0 | 1389.3 | 1394.7 | 1389.3 | 1385.3 | 1385.3 | 2.5°  |
| 5°    | 1390.7 | 1388.0 | 1380.0 | 1378.7 | 1373.3 | 1373.3 | 1373.3 | 1370.7 | 1370.7 | 1368.0 | 1366.7 | 5°    |
| 7.5°  | 1384.0 | 1377.3 | 1370.7 | 1366.7 | 1366.7 | 1364.0 | 1369.3 | 1366.7 | 1368.0 | 1368.0 | 1369.3 | 7.5°  |
| 10°   | 1378.7 | 1373.3 | 1370.7 | 1369.3 | 1369.3 | 1373.3 | 1377.3 | 1378.7 | 1377.3 | 1378.7 | 1378.7 | 10°   |
| 12.5° | 1365.3 | 1368.0 | 1369.3 | 1374.7 | 1381.3 | 1389.3 | 1398.7 | 1400.0 | 1402.7 | 1402.7 | 1405.3 | 12.5° |
| 15°   | 1322.7 | 1329.3 | 1337.3 | 1350.7 | 1368.0 | 1385.3 | 1402.7 | 1417.3 | 1430.7 | 1437.3 | 1442.7 | 15°   |
| 17.5° | 1262.7 | 1269.3 | 1284.0 | 1298.7 | 1321.3 | 1346.7 | 1376.0 | 1401.3 | 1429.3 | 1454.7 | 1480.0 | 17.5° |
| 20°   | 1181.3 | 1192.0 | 1196.0 | 1222.7 | 1249.3 | 1284.0 | 1318.7 | 1358.7 | 1406.7 | 1454.7 | 1504.0 | 20°   |
| 22.5° | 1076.0 | 1088.0 | 1106.7 | 1128.0 | 1156.0 | 1198.7 | 1240.0 | 1302.7 | 1366.7 | 1434.7 | 1512.0 | 22.5° |
| 25°   | 958.7  | 972.0  | 988.0  | 1010.7 | 1038.7 | 1084.0 | 1144.0 | 1210.7 | 1289.3 | 1378.7 | 1474.7 | 25°   |
| 27.5° | 837.3  | 850.7  | 864.0  | 880.0  | 912.0  | 960.0  | 1030.7 | 1100.0 | 1186.7 | 1284.0 | 1396.0 | 27.5° |
| 30°   | 716.0  | 717.3  | 725.3  | 745.3  | 778.7  | 841.3  | 893.3  | 980.0  | 1070.7 | 1173.3 | 1302.7 | 30°   |
| 32.5° | 582.7  | 581.3  | 590.7  | 608.0  | 640.0  | 700.0  | 764.0  | 848.0  | 937.3  | 1066.7 | 1200.0 | 32.5° |
| 35°   | 464.0  | 464.0  | 481.3  | 498.7  | 534.7  | 577.3  | 633.3  | 708.0  | 813.3  | 933.3  | 1066.7 | 35°   |
| 37.5° | 401.3  | 410.7  | 421.3  | 438.7  | 466.7  | 500.0  | 549.3  | 614.7  | 697.3  | 812.0  | 934.7  | 37.5° |
| 40°   | 381.3  | 386.7  | 396.0  | 412.0  | 436.0  | 466.7  | 502.7  | 552.0  | 616.0  | 708.0  | 820.0  | 40°   |
| 42.5° | 373.3  | 374.7  | 380.0  | 392.0  | 413.3  | 444.0  | 481.3  | 525.3  | 573.3  | 638.7  | 736.0  | 42.5° |
| 45°   | 365.3  | 364.0  | 366.7  | 376.0  | 393.3  | 428.0  | 470.7  | 518.7  | 566.7  | 621.3  | 701.3  | 45°   |
| 47.5° | 358.7  | 358.7  | 358.7  | 362.7  | 378.7  | 413.3  | 462.7  | 518.7  | 576.0  | 637.3  | 716.0  | 47.5° |
| 50°   | 340.0  | 338.7  | 338.7  | 341.3  | 353.3  | 390.7  | 449.3  | 517.3  | 592.0  | 672.0  | 761.3  | 50°   |
| 52.5° | 318.7  | 318.7  | 320.0  | 321.3  | 332.0  | 369.3  | 434.7  | 517.3  | 610.7  | 717.3  | 829.3  | 52.5° |
| 55°   | 312.0  | 313.3  | 314.7  | 313.3  | 321.3  | 353.3  | 418.7  | 509.3  | 618.7  | 753.3  | 902.7  | 55°   |
| 57.5° | 306.7  | 309.3  | 309.3  | 308.0  | 313.3  | 340.0  | 402.7  | 493.3  | 612.0  | 766.7  | 954.7  | 57.5° |
| 60°   | 298.7  | 298.7  | 298.7  | 294.7  | 297.3  | 321.3  | 378.7  | 468.0  | 590.7  | 754.7  | 962.7  | 60°   |
| 62.5° | 281.3  | 281.3  | 278.7  | 277.3  | 276.0  | 294.7  | 346.7  | 430.7  | 552.0  | 722.7  | 942.7  | 62.5° |
| 63°   | 277.3  | 276.0  | 276.0  | 272.0  | 272.0  | 289.3  | 340.0  | 425.3  | 541.3  | 714.7  | 934.7  | 63°   |
| 65°   | 262.7  | 262.7  | 262.7  | 260.0  | 258.7  | 272.0  | 313.3  | 388.0  | 500.0  | 677.3  | 894.7  | 65°   |
| 67.5° | 246.7  | 248.0  | 245.3  | 244.0  | 242.7  | 250.7  | 282.7  | 341.3  | 436.0  | 598.7  | 820.0  | 67.5° |
| 70°   | 224.0  | 225.3  | 225.3  | 224.0  | 222.7  | 228.0  | 248.0  | 293.3  | 361.3  | 498.7  | 698.7  | 70°   |
| 72.5° | 204.0  | 206.7  | 206.7  | 209.3  | 209.3  | 213.3  | 221.3  | 244.0  | 289.3  | 389.3  | 549.3  | 72.5° |
| 75°   | 182.7  | 184.0  | 186.7  | 189.3  | 186.7  | 185.3  | 186.7  | 204.0  | 226.7  | 288.0  | 392.0  | 75°   |
| 77.5° | 164.0  | 168.0  | 168.0  | 166.7  | 162.7  | 160.0  | 160.0  | 168.0  | 186.7  | 218.7  | 280.0  | 77.5° |
| 80°   | 136.0  | 142.7  | 144.0  | 140.0  | 136.0  | 136.0  | 138.7  | 144.0  | 156.0  | 180.0  | 212.0  | 80°   |
| 82.5° | 109.3  | 116.0  | 117.3  | 118.7  | 117.3  | 121.3  | 121.3  | 122.7  | 129.3  | 148.0  | 173.3  | 82.5° |
| 85°   | 84.0   | 89.3   | 93.3   | 94.7   | 96.0   | 97.3   | 96.0   | 89.3   | 93.3   | 105.3  | 117.3  | 85°   |
| 87.5° | 37.3   | 38.7   | 36.0   | 37.3   | 36.0   | 37.3   | 38.7   | 32.0   | 30.7   | 41.3   | 42.7   | 87.5° |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 90°   |



NUMBER: P153070

NUMBER: TMU-E04-LED-E-U-SLL

**DISTRIBUTION (continued):**

| 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|
| 1398.7 | 1398.7 | 1398.7 | 1398.7 | 1398.7 | 1398.7 | 1398.7 |
| 1384.0 | 1384.0 | 1385.3 | 1382.7 | 1382.7 | 1384.0 | 1380.0 |
| 1362.7 | 1368.0 | 1368.0 | 1368.0 | 1365.3 | 1368.0 | 1369.3 |
| 1368.0 | 1372.0 | 1374.7 | 1374.7 | 1373.3 | 1378.7 | 1382.7 |
| 1374.7 | 1381.3 | 1384.0 | 1384.0 | 1384.0 | 1390.7 | 1400.0 |
| 1400.0 | 1405.3 | 1409.3 | 1409.3 | 1412.0 | 1420.0 | 1430.7 |
| 1446.7 | 1453.3 | 1453.3 | 1452.0 | 1460.0 | 1469.3 | 1481.3 |
| 1498.7 | 1517.3 | 1526.7 | 1525.3 | 1532.0 | 1544.0 | 1557.3 |
| 1548.0 | 1600.0 | 1622.7 | 1638.7 | 1645.3 | 1661.3 | 1665.3 |
| 1589.3 | 1676.0 | 1738.7 | 1792.0 | 1817.3 | 1833.3 | 1852.0 |
| 1574.7 | 1692.0 | 1804.0 | 1913.3 | 1990.7 | 2069.3 | 2102.7 |
| 1514.7 | 1661.3 | 1808.0 | 1968.0 | 2108.0 | 2248.0 | 2349.3 |
| 1441.3 | 1617.3 | 1814.7 | 2041.3 | 2262.7 | 2477.3 | 2648.0 |
| 1357.3 | 1576.0 | 1829.3 | 2109.3 | 2400.0 | 2681.3 | 2928.0 |
| 1252.0 | 1497.3 | 1793.3 | 2116.0 | 2458.7 | 2800.0 | 3120.0 |
| 1118.7 | 1390.7 | 1709.3 | 2068.0 | 2461.3 | 2852.0 | 3234.7 |
| 985.3  | 1256.0 | 1602.7 | 1998.7 | 2426.7 | 2864.0 | 3306.7 |
| 892.0  | 1136.0 | 1494.7 | 1910.7 | 2370.7 | 2845.3 | 3341.3 |
| 828.0  | 1049.3 | 1398.7 | 1830.7 | 2310.7 | 2812.0 | 3346.7 |
| 822.7  | 1012.0 | 1336.0 | 1772.0 | 2262.7 | 2782.7 | 3346.7 |
| 868.0  | 1032.0 | 1314.7 | 1742.7 | 2242.7 | 2773.3 | 3349.3 |
| 953.3  | 1112.0 | 1353.3 | 1765.3 | 2258.7 | 2785.3 | 3361.3 |
| 1056.0 | 1233.3 | 1457.3 | 1844.0 | 2326.7 | 2825.3 | 3388.0 |
| 1149.3 | 1373.3 | 1634.7 | 1996.0 | 2450.7 | 2926.7 | 3462.7 |
| 1204.0 | 1493.3 | 1822.7 | 2209.3 | 2662.7 | 3128.0 | 3612.0 |
| 1210.7 | 1560.0 | 1989.3 | 2441.3 | 2920.0 | 3358.7 | 3850.7 |
| 1205.3 | 1565.3 | 2010.7 | 2485.3 | 2974.7 | 3416.0 | 3933.3 |
| 1176.0 | 1566.7 | 2070.7 | 2640.0 | 3164.0 | 3657.3 | 4164.0 |
| 1101.3 | 1524.0 | 2092.0 | 2761.3 | 3402.7 | 3974.7 | 4594.7 |
| 972.0  | 1402.7 | 2029.3 | 2764.0 | 3494.7 | 4152.0 | 4866.7 |
| 781.3  | 1172.0 | 1758.7 | 2514.7 | 3252.0 | 3977.3 | 4796.0 |
| 572.0  | 861.3  | 1329.3 | 1948.0 | 2653.3 | 3310.7 | 4108.0 |
| 380.0  | 557.3  | 896.0  | 1388.0 | 1902.7 | 2382.7 | 2957.3 |
| 261.3  | 345.3  | 524.0  | 834.7  | 1164.0 | 1397.3 | 1884.0 |
| 192.0  | 228.0  | 290.7  | 426.7  | 560.0  | 689.3  | 984.0  |
| 120.0  | 130.7  | 145.3  | 210.7  | 301.3  | 406.7  | 613.3  |
| 32.0   | 33.3   | 30.7   | 41.3   | 65.3   | 62.7   | 69.3   |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)