

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: P153095

Luminaire Tested: **TMU-F06-LED-E-U-SLL**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P153095  
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-F06-LED-E-U-SLL  
Description: TALON MEDIUM LED AREA LUMINAIRE  
(6) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT  
Light Source: (42) 4000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 13781.9 lumens  
Efficiency: N/A  
Efficacy: 88.1 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B2 - U0 - G3

Input Watts (W): 156.5  
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

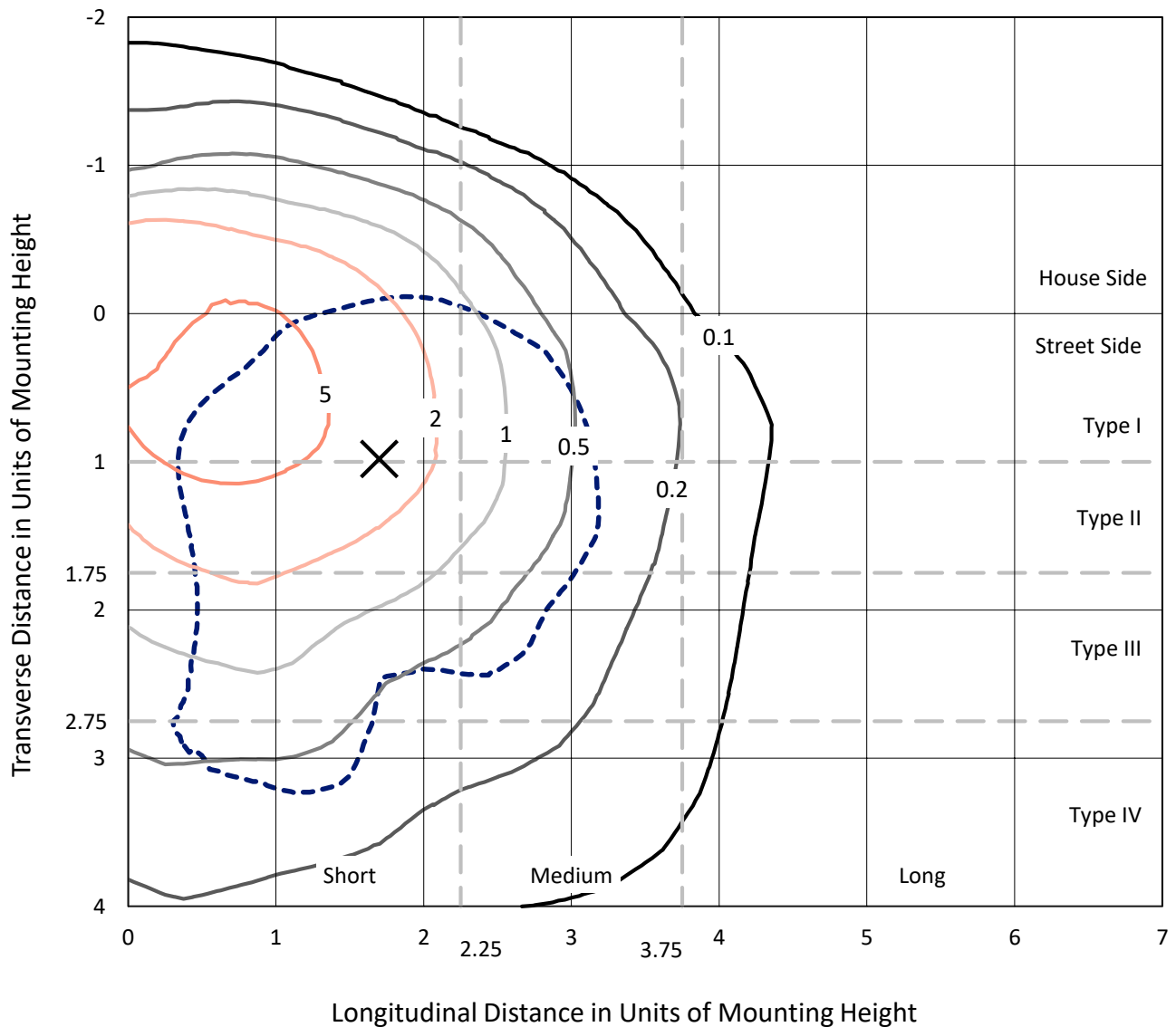


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### Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

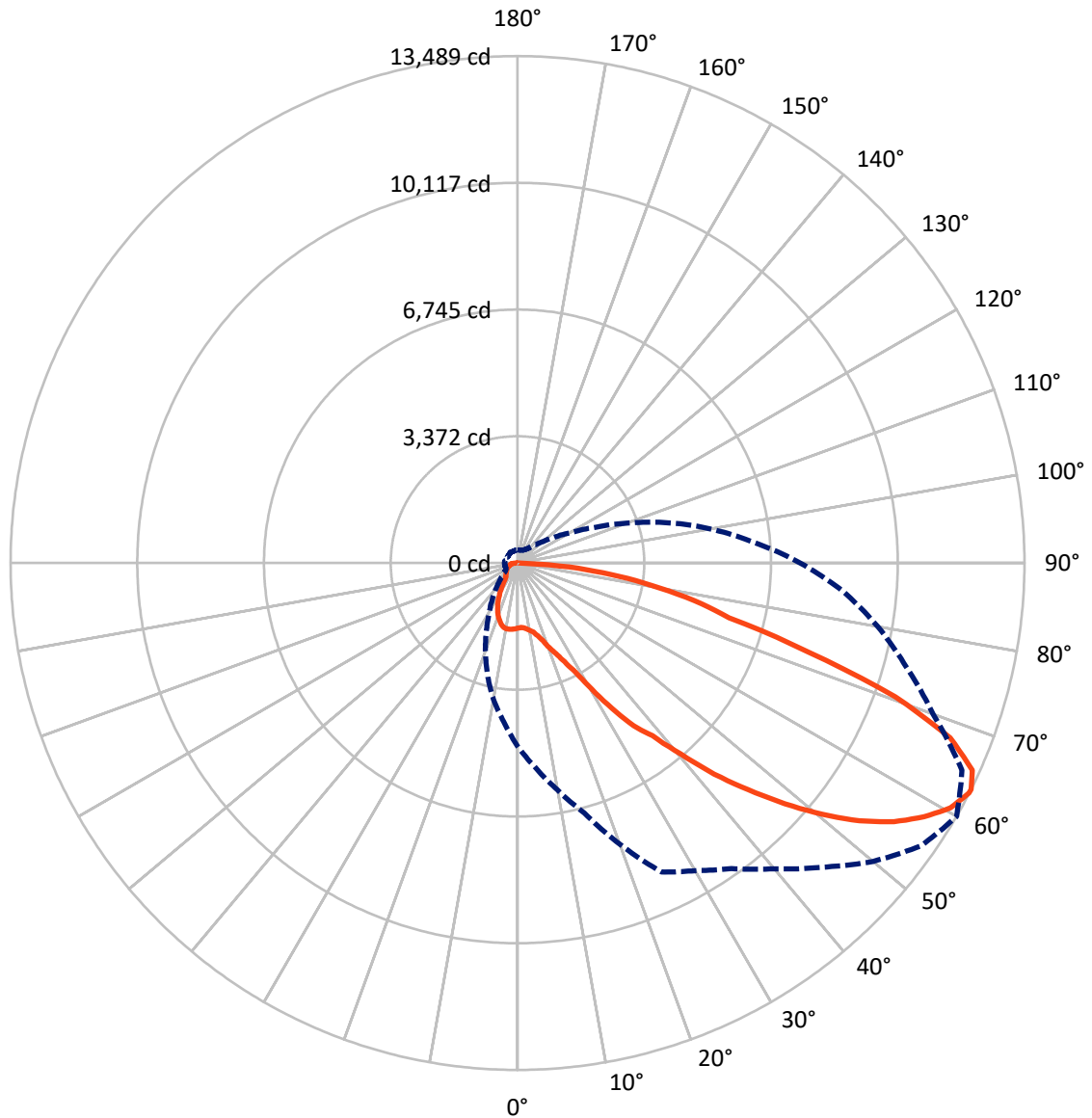


Based on 20 foot mounting height. Maximum calculated value = 8.6 fc  
 Type IV - Short - Non-Cutoff

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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    | 2988.6   | 0.0    | 2988.6  |
|                    | % Fixture | 21.7     | 0.0    | 21.7    |
| <b>Street Side</b> | Lumens    | 10793.4  | 0.0    | 10793.4 |
|                    | % Fixture | 78.3     | 0.0    | 78.3    |
| <b>Total</b>       | Lumens    | 13781.9  | 0.0    | 13781.9 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 168.6   | 1.2       |
| 10°-20°   | 525.1   | 3.8       |
| 20°-30°   | 932.8   | 6.8       |
| 30°-40°   | 1469.0  | 10.7      |
| 40°-50°   | 2161.9  | 15.7      |
| 50°-60°   | 2871.6  | 20.8      |
| 60°-70°   | 3163.1  | 23.0      |
| 70°-80°   | 1984.5  | 14.4      |
| 80°-90°   | 505.4   | 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°    | 13781.9 | 100.0     |
| 0°-180°   | 13781.9 | 100.0     |

**Coefficient of Utilization**



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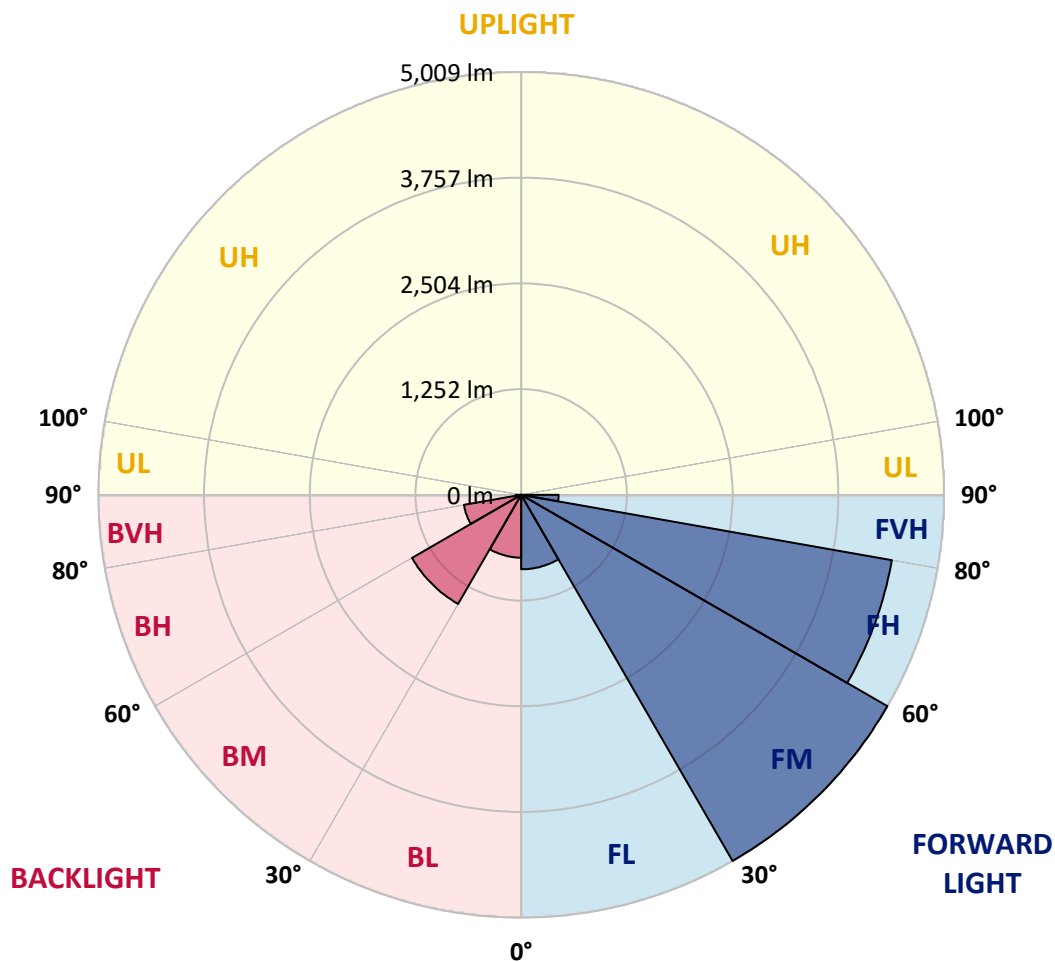
CATALOG NUMBER: TMU-F06-LED-E-U-SLL

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 882.5  | 6.4       |                         |      |         |
| FM   | (30°-60°)   | 5008.7 | 36.3      |                         |      |         |
| FH   | (60°-80°)   | 4458.7 | 32.4      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 443.5  | 3.2       |                         |      | G3/500  |
| BL   | (0°-30°)    | 744.0  | 5.4       | B2/1000                 |      |         |
| BM   | (30°-60°)   | 1493.7 | 10.8      | B2/2500                 |      |         |
| BH   | (60°-80°)   | 688.9  | 5.0       | B2/1000                 |      | G2/1000 |
| BVH  | (80°-90°)   | 61.9   | 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°    | 1732.0 | 1732.0 | 1732.0 | 1732.0 | 1732.0 | 1732.0 | 1732.0 | 1732.0  | 1732.0  | 1732.0  | 1732.0  |
| 2.5°  | 1708.8 | 1712.1 | 1712.1 | 1710.5 | 1710.5 | 1713.8 | 1712.1 | 1710.5  | 1705.5  | 1712.1  | 1712.1  |
| 5°    | 1695.6 | 1698.9 | 1698.9 | 1702.2 | 1705.5 | 1708.8 | 1708.8 | 1712.1  | 1710.5  | 1717.1  | 1722.0  |
| 7.5°  | 1712.1 | 1715.4 | 1722.0 | 1730.3 | 1735.3 | 1746.8 | 1746.8 | 1755.1  | 1758.4  | 1763.3  | 1761.7  |
| 10°   | 1733.6 | 1741.9 | 1756.7 | 1769.9 | 1779.8 | 1793.0 | 1802.9 | 1814.5  | 1814.5  | 1819.5  | 1822.8  |
| 12.5° | 1771.6 | 1779.8 | 1796.3 | 1812.9 | 1827.7 | 1844.2 | 1859.1 | 1870.6  | 1882.2  | 1885.5  | 1892.1  |
| 15°   | 1834.3 | 1844.2 | 1869.0 | 1892.1 | 1910.3 | 1931.7 | 1951.5 | 1974.7  | 1996.1  | 2001.1  | 2004.4  |
| 17.5° | 1928.4 | 1948.2 | 1966.4 | 2007.7 | 2034.1 | 2062.2 | 2093.5 | 2126.6  | 2133.2  | 2167.8  | 2176.1  |
| 20°   | 2062.2 | 2086.9 | 2103.4 | 2154.6 | 2199.2 | 2235.5 | 2281.8 | 2319.7  | 2334.6  | 2367.6  | 2400.6  |
| 22.5° | 2293.3 | 2288.4 | 2313.1 | 2364.3 | 2397.3 | 2470.0 | 2509.6 | 2549.2  | 2569.0  | 2618.6  | 2645.0  |
| 25°   | 2603.7 | 2630.1 | 2684.6 | 2689.6 | 2720.9 | 2805.1 | 2856.3 | 2895.9  | 2897.6  | 2912.5  | 2940.5  |
| 27.5° | 2909.1 | 3018.1 | 3104.0 | 3150.2 | 3234.4 | 3312.0 | 3308.7 | 3364.8  | 3277.3  | 3295.5  | 3321.9  |
| 30°   | 3279.0 | 3460.6 | 3622.4 | 3731.4 | 3817.2 | 3908.0 | 3952.6 | 3984.0  | 3946.0  | 3929.5  | 3898.1  |
| 32.5° | 3625.7 | 3880.0 | 4129.3 | 4322.4 | 4482.6 | 4632.8 | 4731.9 | 4776.5  | 4829.3  | 4963.1  | 5010.9  |
| 35°   | 3863.5 | 4223.4 | 4533.8 | 4812.8 | 5080.3 | 5319.7 | 5493.0 | 5592.1  | 5554.1  | 5536.0  | 5526.1  |
| 37.5° | 4005.4 | 4444.6 | 4832.6 | 5227.2 | 5534.3 | 5892.6 | 6161.7 | 6422.6  | 6482.0  | 6378.0  | 6326.8  |
| 40°   | 4094.6 | 4614.7 | 5113.3 | 5578.9 | 5976.8 | 6439.1 | 6772.6 | 7163.9  | 7461.1  | 7500.7  | 7378.5  |
| 42.5° | 4137.5 | 4728.6 | 5309.8 | 5836.5 | 6374.7 | 6941.0 | 7363.7 | 7837.5  | 8281.7  | 8587.1  | 8511.2  |
| 45°   | 4144.1 | 4802.9 | 5453.4 | 6069.3 | 6709.9 | 7381.8 | 7926.7 | 8451.7  | 9046.1  | 9569.5  | 9584.3  |
| 47.5° | 4144.1 | 4859.0 | 5552.5 | 6237.7 | 7010.4 | 7764.9 | 8359.3 | 8980.1  | 9708.2  | 10327.3 | 10517.2 |
| 50°   | 4147.4 | 4897.0 | 5644.9 | 6369.8 | 7239.9 | 8088.5 | 8760.5 | 9493.5  | 10259.6 | 10933.3 | 11299.8 |
| 52.5° | 4162.3 | 4925.1 | 5717.6 | 6463.9 | 7388.4 | 8316.3 | 9072.5 | 9917.9  | 10680.6 | 11372.4 | 11846.3 |
| 55°   | 4195.3 | 4964.7 | 5770.4 | 6521.6 | 7487.5 | 8464.9 | 9298.7 | 10208.4 | 10953.1 | 11654.8 | 12316.8 |
| 57.5° | 4287.8 | 5034.1 | 5834.8 | 6572.8 | 7542.0 | 8562.3 | 9457.2 | 10333.9 | 11057.1 | 11788.5 | 12566.1 |
| 60°   | 4472.7 | 5181.0 | 5945.4 | 6675.2 | 7632.8 | 8742.3 | 9533.2 | 10249.7 | 10981.1 | 11748.9 | 12622.3 |
| 62.5° | 4768.2 | 5410.5 | 6099.0 | 6848.6 | 7892.0 | 9021.3 | 9475.4 | 9998.8  | 10682.3 | 11519.4 | 12422.5 |
| 63°   | 4870.6 | 5460.0 | 6133.7 | 6886.5 | 7963.0 | 9072.5 | 9450.6 | 9924.5  | 10621.2 | 11446.7 | 12351.5 |
| 65°   | 5156.2 | 5679.6 | 6298.8 | 7078.1 | 8255.2 | 9123.7 | 9257.4 | 9538.1  | 10198.5 | 11032.3 | 11932.1 |
| 67.5° | 5689.5 | 6212.9 | 6653.7 | 7401.7 | 8501.3 | 8922.3 | 8658.1 | 8692.8  | 9382.9  | 10246.4 | 11055.4 |
| 70°   | 6026.3 | 6650.4 | 6879.9 | 7442.9 | 8456.7 | 8623.4 | 7882.1 | 7423.1  | 7976.2  | 8960.2  | 9668.5  |
| 72.5° | 5938.8 | 6655.4 | 6630.6 | 6893.1 | 7565.1 | 7720.3 | 6952.6 | 6229.4  | 6558.0  | 7292.7  | 7751.7  |
| 75°   | 5086.9 | 5943.8 | 5762.2 | 5709.3 | 5945.4 | 6047.8 | 5471.6 | 5361.0  | 5775.4  | 6183.2  | 6189.8  |
| 77.5° | 3662.0 | 4604.8 | 4391.8 | 4086.3 | 4069.8 | 4305.9 | 4383.5 | 5108.3  | 5720.9  | 6042.8  | 5900.9  |
| 80°   | 2332.9 | 3354.9 | 3133.7 | 2600.4 | 2592.1 | 2899.2 | 3581.1 | 4566.8  | 5215.7  | 5395.6  | 5025.8  |
| 82.5° | 1218.5 | 2195.9 | 2280.1 | 1951.5 | 2233.9 | 2742.4 | 3407.8 | 3680.2  | 3926.2  | 3951.0  | 3515.1  |
| 85°   | 759.5  | 1350.6 | 1588.3 | 1639.5 | 2017.6 | 2432.0 | 2427.0 | 2331.3  | 2222.3  | 1902.0  | 1720.4  |
| 87.5° | 85.9   | 170.1  | 257.6  | 244.4  | 328.6  | 460.6  | 574.6  | 336.8   | 236.1   | 85.9    | 118.9   |
| 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°    | 1732.0  | 1732.0  | 1732.0  | 1732.0  | 1732.0  | 1732.0 | 1732.0 | 1732.0 | 1732.0 | 1732.0 | 1732.0 |
| 2.5°  | 1715.4  | 1717.1  | 1718.7  | 1718.7  | 1727.0  | 1725.3 | 1727.0 | 1730.3 | 1735.3 | 1738.6 | 1741.9 |
| 5°    | 1728.6  | 1728.6  | 1735.3  | 1740.2  | 1750.1  | 1756.7 | 1760.0 | 1769.9 | 1781.5 | 1778.2 | 1788.1 |
| 7.5°  | 1771.6  | 1769.9  | 1776.5  | 1779.8  | 1788.1  | 1799.6 | 1798.0 | 1806.2 | 1816.2 | 1819.5 | 1827.7 |
| 10°   | 1829.4  | 1824.4  | 1824.4  | 1821.1  | 1822.8  | 1819.5 | 1819.5 | 1819.5 | 1826.1 | 1824.4 | 1831.0 |
| 12.5° | 1888.8  | 1887.1  | 1883.8  | 1873.9  | 1873.9  | 1860.7 | 1854.1 | 1845.9 | 1844.2 | 1832.7 | 1834.3 |
| 15°   | 2011.0  | 2011.0  | 2004.4  | 1984.6  | 1968.1  | 1956.5 | 1940.0 | 1928.4 | 1911.9 | 1890.5 | 1878.9 |
| 17.5° | 2189.3  | 2166.2  | 2157.9  | 2154.6  | 2128.2  | 2118.3 | 2082.0 | 2044.0 | 2025.8 | 1996.1 | 1979.6 |
| 20°   | 2407.2  | 2402.3  | 2369.3  | 2352.7  | 2319.7  | 2273.5 | 2227.3 | 2177.7 | 2148.0 | 2111.7 | 2091.9 |
| 22.5° | 2653.2  | 2616.9  | 2600.4  | 2575.6  | 2524.5  | 2471.6 | 2402.3 | 2336.2 | 2290.0 | 2265.2 | 2250.4 |
| 25°   | 2940.5  | 2904.2  | 2887.7  | 2854.7  | 2791.9  | 2735.8 | 2649.9 | 2572.3 | 2531.1 | 2489.8 | 2466.7 |
| 27.5° | 3321.9  | 3287.2  | 3267.4  | 3181.6  | 3160.1  | 3067.7 | 2962.0 | 2856.3 | 2801.8 | 2740.7 | 2701.1 |
| 30°   | 3891.5  | 3893.2  | 3790.8  | 3686.8  | 3579.5  | 3419.3 | 3308.7 | 3189.8 | 3100.7 | 3013.2 | 2925.7 |
| 32.5° | 4854.1  | 4608.1  | 4418.2  | 4195.3  | 3962.5  | 3792.5 | 3655.4 | 3513.4 | 3389.6 | 3262.5 | 3117.2 |
| 35°   | 5441.9  | 5323.0  | 5077.0  | 4669.2  | 4434.7  | 4228.3 | 4076.4 | 3904.7 | 3752.8 | 3528.3 | 3307.1 |
| 37.5° | 6105.6  | 5829.9  | 5531.0  | 5304.8  | 5039.0  | 4799.6 | 4545.3 | 4350.5 | 4088.0 | 3785.9 | 3472.2 |
| 40°   | 7074.7  | 6680.1  | 6320.2  | 6016.4  | 5673.0  | 5422.0 | 5138.1 | 4855.7 | 4507.4 | 4069.8 | 3638.9 |
| 42.5° | 8086.8  | 7679.0  | 7203.5  | 6808.9  | 6404.4  | 6110.5 | 5758.9 | 5362.6 | 4850.8 | 4309.2 | 3782.6 |
| 45°   | 9148.5  | 8603.6  | 8034.0  | 7551.9  | 7130.9  | 6766.0 | 6330.1 | 5805.1 | 5181.0 | 4523.9 | 3916.3 |
| 47.5° | 10195.2 | 9569.5  | 8890.9  | 8372.5  | 7824.3  | 7378.5 | 6843.6 | 6179.9 | 5438.6 | 4727.0 | 4050.0 |
| 50°   | 11118.2 | 10515.5 | 9698.3  | 9039.5  | 8484.7  | 7934.9 | 7267.9 | 6468.8 | 5641.6 | 4902.0 | 4170.6 |
| 52.5° | 11914.0 | 11395.5 | 10535.3 | 9703.2  | 9064.3  | 8446.8 | 7609.7 | 6701.6 | 5846.4 | 5063.8 | 4269.6 |
| 55°   | 12498.4 | 12153.4 | 11360.9 | 10329.0 | 9574.4  | 8838.1 | 7898.6 | 6926.2 | 6039.5 | 5192.6 | 4334.0 |
| 57.5° | 12939.3 | 12747.8 | 12067.5 | 10918.4 | 10043.3 | 9217.8 | 8197.5 | 7195.3 | 6231.1 | 5303.2 | 4363.7 |
| 60°   | 13180.3 | 13233.2 | 12602.5 | 11433.5 | 10457.7 | 9534.8 | 8496.3 | 7424.8 | 6373.1 | 5367.6 | 4347.2 |
| 62.5° | 13157.2 | 13480.8 | 13003.7 | 11750.5 | 10698.8 | 9723.0 | 8697.7 | 7532.1 | 6353.2 | 5265.2 | 4197.0 |
| 63°   | 13112.6 | 13489.1 | 13048.2 | 11772.0 | 10713.7 | 9729.6 | 8702.7 | 7517.2 | 6312.0 | 5215.7 | 4137.5 |
| 65°   | 12727.9 | 13299.2 | 13010.3 | 11674.6 | 10581.6 | 9605.8 | 8598.7 | 7302.6 | 6021.4 | 4949.8 | 3832.1 |
| 67.5° | 11697.7 | 12412.6 | 12330.0 | 10986.1 | 9955.8  | 9094.0 | 8067.0 | 6610.8 | 5303.2 | 4296.0 | 3247.6 |
| 70°   | 9995.5  | 10667.4 | 10682.3 | 9554.6  | 8694.4  | 7849.1 | 6995.5 | 5379.1 | 4203.6 | 3330.2 | 2422.1 |
| 72.5° | 7660.9  | 8093.4  | 8243.7  | 7500.7  | 6924.5  | 6330.1 | 5564.0 | 3904.7 | 2996.7 | 2265.2 | 1576.8 |
| 75°   | 5932.2  | 5813.3  | 5811.7  | 5498.0  | 5263.5  | 4973.0 | 4130.9 | 2635.1 | 1968.1 | 1472.7 | 964.2  |
| 77.5° | 5332.9  | 4804.6  | 4292.7  | 3916.3  | 3728.1  | 3630.7 | 2709.4 | 1588.3 | 1160.7 | 847.0  | 554.8  |
| 80°   | 4398.4  | 3619.1  | 2924.0  | 2517.9  | 2356.0  | 2468.3 | 1510.7 | 858.5  | 635.7  | 482.1  | 359.9  |
| 82.5° | 3033.0  | 2517.9  | 1913.6  | 1585.0  | 1360.5  | 1423.2 | 772.7  | 439.2  | 293.9  | 269.1  | 222.9  |
| 85°   | 1580.1  | 1385.2  | 1168.9  | 1003.8  | 886.6   | 779.3  | 401.2  | 209.7  | 122.2  | 107.3  | 97.4   |
| 87.5° | 0.0     | 1.7     | 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°    | 1732.0 | 1732.0 | 1732.0 | 1732.0 | 1732.0 | 1732.0 | 1732.0 | 1732.0 | 1732.0 | 1732.0 | 1732.0 |
| 2.5°  | 1746.8 | 1745.2 | 1748.5 | 1750.1 | 1755.1 | 1758.4 | 1760.0 | 1756.7 | 1761.7 | 1766.6 | 1763.3 |
| 5°    | 1793.0 | 1804.6 | 1806.2 | 1811.2 | 1811.2 | 1821.1 | 1821.1 | 1821.1 | 1819.5 | 1821.1 | 1817.8 |
| 7.5°  | 1832.7 | 1847.5 | 1849.2 | 1855.8 | 1857.4 | 1869.0 | 1864.0 | 1867.3 | 1867.3 | 1859.1 | 1855.8 |
| 10°   | 1837.6 | 1852.5 | 1860.7 | 1869.0 | 1880.5 | 1895.4 | 1895.4 | 1903.7 | 1903.7 | 1897.1 | 1895.4 |
| 12.5° | 1839.3 | 1850.8 | 1859.1 | 1870.6 | 1887.1 | 1908.6 | 1920.2 | 1931.7 | 1936.7 | 1935.0 | 1930.1 |
| 15°   | 1873.9 | 1873.9 | 1875.6 | 1885.5 | 1897.1 | 1923.5 | 1940.0 | 1953.2 | 1961.4 | 1958.1 | 1949.9 |
| 17.5° | 1964.7 | 1951.5 | 1941.6 | 1925.1 | 1928.4 | 1941.6 | 1951.5 | 1963.1 | 1964.7 | 1961.4 | 1948.2 |
| 20°   | 2070.4 | 2053.9 | 2029.1 | 2002.7 | 1989.5 | 1979.6 | 1973.0 | 1973.0 | 1968.1 | 1951.5 | 1930.1 |
| 22.5° | 2220.7 | 2199.2 | 2164.5 | 2124.9 | 2098.5 | 2067.1 | 2029.1 | 1992.8 | 1953.2 | 1913.6 | 1867.3 |
| 25°   | 2428.7 | 2399.0 | 2362.7 | 2301.6 | 2245.4 | 2179.4 | 2101.8 | 2020.9 | 1926.8 | 1844.2 | 1776.5 |
| 27.5° | 2638.4 | 2572.3 | 2478.2 | 2394.0 | 2290.0 | 2190.9 | 2080.3 | 1981.3 | 1860.7 | 1761.7 | 1687.4 |
| 30°   | 2811.7 | 2686.3 | 2550.9 | 2417.1 | 2280.1 | 2146.4 | 2014.3 | 1895.4 | 1763.3 | 1662.6 | 1590.0 |
| 32.5° | 2945.5 | 2772.1 | 2583.9 | 2408.9 | 2240.5 | 2077.0 | 1925.1 | 1793.0 | 1659.3 | 1555.3 | 1477.7 |
| 35°   | 3069.3 | 2828.2 | 2588.8 | 2372.6 | 2164.5 | 1994.5 | 1822.8 | 1679.1 | 1537.1 | 1428.2 | 1344.0 |
| 37.5° | 3161.8 | 2854.7 | 2559.1 | 2304.9 | 2065.5 | 1875.6 | 1700.6 | 1553.6 | 1408.3 | 1289.5 | 1193.7 |
| 40°   | 3221.2 | 2838.2 | 2494.7 | 2207.5 | 1948.2 | 1748.5 | 1570.1 | 1418.3 | 1277.9 | 1147.5 | 1031.9 |
| 42.5° | 3269.1 | 2816.7 | 2430.3 | 2118.3 | 1855.8 | 1637.8 | 1454.6 | 1291.1 | 1149.1 | 1007.1 | 880.0  |
| 45°   | 3340.1 | 2833.2 | 2402.3 | 2055.6 | 1773.2 | 1543.7 | 1342.3 | 1172.2 | 1023.7 | 885.0  | 762.8  |
| 47.5° | 3409.4 | 2841.5 | 2361.0 | 1978.0 | 1669.2 | 1446.3 | 1241.6 | 1076.5 | 924.6  | 797.5  | 685.2  |
| 50°   | 3472.2 | 2836.5 | 2296.6 | 1878.9 | 1568.5 | 1348.9 | 1150.8 | 985.7  | 835.4  | 718.2  | 612.5  |
| 52.5° | 3501.9 | 2808.4 | 2217.4 | 1783.1 | 1487.6 | 1263.1 | 1061.6 | 901.5  | 752.9  | 642.3  | 544.8  |
| 55°   | 3498.6 | 2735.8 | 2113.3 | 1692.3 | 1398.4 | 1172.2 | 974.1  | 815.6  | 681.9  | 579.5  | 495.3  |
| 57.5° | 3449.0 | 2623.5 | 2002.7 | 1591.6 | 1281.2 | 1060.0 | 871.8  | 718.2  | 605.9  | 520.1  | 449.1  |
| 60°   | 3345.0 | 2479.9 | 1857.4 | 1444.7 | 1134.3 | 921.3  | 744.6  | 612.5  | 521.7  | 455.7  | 409.5  |
| 62.5° | 3150.2 | 2273.5 | 1675.8 | 1239.9 | 936.1  | 741.3  | 587.8  | 501.9  | 434.2  | 394.6  | 373.1  |
| 63°   | 3092.4 | 2217.4 | 1598.2 | 1190.4 | 889.9  | 700.0  | 554.8  | 465.6  | 416.1  | 381.4  | 361.6  |
| 65°   | 2805.1 | 1941.6 | 1337.4 | 960.9  | 691.8  | 539.9  | 445.8  | 378.1  | 348.4  | 333.5  | 331.9  |
| 67.5° | 2271.8 | 1527.2 | 946.1  | 658.8  | 470.5  | 389.6  | 341.8  | 313.7  | 300.5  | 297.2  | 300.5  |
| 70°   | 1594.9 | 964.2  | 601.0  | 437.5  | 348.4  | 313.7  | 292.2  | 280.7  | 272.4  | 274.1  | 277.4  |
| 72.5° | 1017.0 | 577.9  | 412.8  | 331.9  | 293.9  | 275.7  | 265.8  | 262.5  | 260.9  | 259.2  | 259.2  |
| 75°   | 579.5  | 384.7  | 317.0  | 287.3  | 267.5  | 252.6  | 244.4  | 241.1  | 242.7  | 244.4  | 241.1  |
| 77.5° | 383.0  | 317.0  | 282.3  | 262.5  | 244.4  | 227.8  | 222.9  | 221.2  | 224.5  | 227.8  | 227.8  |
| 80°   | 302.1  | 282.3  | 262.5  | 242.7  | 213.0  | 201.4  | 204.7  | 206.4  | 204.7  | 206.4  | 201.4  |
| 82.5° | 213.0  | 209.7  | 214.6  | 206.4  | 176.7  | 166.8  | 163.5  | 165.1  | 161.8  | 161.8  | 158.5  |
| 85°   | 99.1   | 99.1   | 104.0  | 104.0  | 100.7  | 102.4  | 110.6  | 120.5  | 125.5  | 120.5  | 113.9  |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 14.9   | 29.7   | 42.9   | 46.2   | 57.8   | 56.1   |
| 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°    | 1732.0 | 1732.0 | 1732.0 | 1732.0 | 1732.0 | 1732.0 | 1732.0 | 1732.0 | 1732.0 | 1732.0 | 1732.0 |
| 2.5°  | 1758.4 | 1761.7 | 1760.0 | 1758.4 | 1761.7 | 1758.4 | 1760.0 | 1758.4 | 1758.4 | 1756.7 | 1756.7 |
| 5°    | 1814.5 | 1819.5 | 1809.6 | 1807.9 | 1804.6 | 1796.3 | 1796.3 | 1793.0 | 1793.0 | 1786.4 | 1781.5 |
| 7.5°  | 1850.8 | 1852.5 | 1844.2 | 1842.6 | 1834.3 | 1826.1 | 1819.5 | 1812.9 | 1811.2 | 1806.2 | 1796.3 |
| 10°   | 1885.5 | 1882.2 | 1875.6 | 1867.3 | 1859.1 | 1847.5 | 1839.3 | 1831.0 | 1829.4 | 1821.1 | 1809.6 |
| 12.5° | 1915.2 | 1913.6 | 1900.4 | 1892.1 | 1878.9 | 1867.3 | 1857.4 | 1847.5 | 1842.6 | 1832.7 | 1816.2 |
| 15°   | 1935.0 | 1925.1 | 1908.6 | 1893.8 | 1878.9 | 1865.7 | 1854.1 | 1842.6 | 1837.6 | 1826.1 | 1809.6 |
| 17.5° | 1926.8 | 1908.6 | 1887.1 | 1869.0 | 1849.2 | 1832.7 | 1822.8 | 1811.2 | 1802.9 | 1796.3 | 1773.2 |
| 20°   | 1897.1 | 1870.6 | 1837.6 | 1816.2 | 1789.7 | 1768.3 | 1761.7 | 1750.1 | 1743.5 | 1718.7 | 1689.0 |
| 22.5° | 1819.5 | 1781.5 | 1740.2 | 1708.8 | 1679.1 | 1657.7 | 1641.1 | 1629.6 | 1613.1 | 1598.2 | 1552.0 |
| 25°   | 1722.0 | 1679.1 | 1636.2 | 1598.2 | 1558.6 | 1525.6 | 1495.9 | 1467.8 | 1459.5 | 1428.2 | 1383.6 |
| 27.5° | 1627.9 | 1580.1 | 1537.1 | 1492.5 | 1441.4 | 1400.1 | 1348.9 | 1309.3 | 1282.9 | 1249.8 | 1208.6 |
| 30°   | 1527.2 | 1479.3 | 1421.6 | 1362.1 | 1302.7 | 1258.1 | 1200.3 | 1152.4 | 1119.4 | 1084.7 | 1046.8 |
| 32.5° | 1400.1 | 1342.3 | 1273.0 | 1206.9 | 1152.4 | 1099.6 | 1041.8 | 995.6  | 962.6  | 931.2  | 894.9  |
| 35°   | 1254.8 | 1178.8 | 1104.6 | 1031.9 | 974.1  | 929.5  | 878.4  | 843.7  | 820.6  | 792.5  | 754.5  |
| 37.5° | 1088.0 | 1002.2 | 922.9  | 866.8  | 815.6  | 772.7  | 736.4  | 714.9  | 690.1  | 675.3  | 652.2  |
| 40°   | 919.6  | 835.4  | 757.8  | 706.6  | 663.7  | 639.0  | 619.1  | 614.2  | 597.7  | 577.9  | 563.0  |
| 42.5° | 771.0  | 690.1  | 614.2  | 572.9  | 544.8  | 538.2  | 528.3  | 528.3  | 520.1  | 505.2  | 495.3  |
| 45°   | 670.3  | 586.1  | 520.1  | 490.4  | 475.5  | 473.9  | 468.9  | 468.9  | 467.2  | 460.6  | 449.1  |
| 47.5° | 597.7  | 521.7  | 470.5  | 452.4  | 449.1  | 445.8  | 440.8  | 439.2  | 437.5  | 432.6  | 426.0  |
| 50°   | 531.6  | 467.2  | 434.2  | 426.0  | 427.6  | 422.7  | 417.7  | 412.8  | 411.1  | 406.2  | 399.6  |
| 52.5° | 470.5  | 424.3  | 402.9  | 397.9  | 397.9  | 397.9  | 394.6  | 394.6  | 391.3  | 389.6  | 383.0  |
| 55°   | 435.9  | 401.2  | 389.6  | 388.0  | 386.3  | 384.7  | 381.4  | 381.4  | 378.1  | 376.4  | 368.2  |
| 57.5° | 406.2  | 384.7  | 378.1  | 374.8  | 373.1  | 369.8  | 368.2  | 368.2  | 368.2  | 368.2  | 358.3  |
| 60°   | 383.0  | 373.1  | 371.5  | 368.2  | 366.5  | 359.9  | 356.6  | 355.0  | 356.6  | 358.3  | 348.4  |
| 62.5° | 358.3  | 356.6  | 355.0  | 351.7  | 350.0  | 343.4  | 338.5  | 335.2  | 338.5  | 341.8  | 340.1  |
| 63°   | 351.7  | 350.0  | 350.0  | 348.4  | 346.7  | 338.5  | 333.5  | 330.2  | 333.5  | 336.8  | 336.8  |
| 65°   | 328.6  | 330.2  | 330.2  | 328.6  | 326.9  | 322.0  | 315.4  | 312.0  | 313.7  | 318.7  | 320.3  |
| 67.5° | 303.8  | 305.4  | 303.8  | 305.4  | 303.8  | 300.5  | 295.5  | 292.2  | 290.6  | 292.2  | 293.9  |
| 70°   | 280.7  | 284.0  | 282.3  | 280.7  | 279.0  | 279.0  | 275.7  | 270.8  | 269.1  | 267.5  | 267.5  |
| 72.5° | 260.9  | 260.9  | 257.6  | 257.6  | 255.9  | 255.9  | 252.6  | 247.7  | 246.0  | 246.0  | 242.7  |
| 75°   | 239.4  | 239.4  | 234.4  | 234.4  | 231.1  | 232.8  | 229.5  | 224.5  | 222.9  | 222.9  | 221.2  |
| 77.5° | 226.2  | 221.2  | 213.0  | 211.3  | 209.7  | 209.7  | 208.0  | 203.1  | 201.4  | 201.4  | 199.8  |
| 80°   | 199.8  | 189.9  | 181.6  | 180.0  | 181.6  | 184.9  | 184.9  | 181.6  | 181.6  | 181.6  | 181.6  |
| 82.5° | 155.2  | 151.9  | 146.9  | 143.6  | 143.6  | 148.6  | 155.2  | 158.5  | 161.8  | 165.1  | 165.1  |
| 85°   | 113.9  | 115.6  | 113.9  | 109.0  | 107.3  | 112.3  | 118.9  | 125.5  | 127.1  | 133.7  | 132.1  |
| 87.5° | 61.1   | 62.7   | 57.8   | 56.1   | 61.1   | 64.4   | 71.0   | 72.6   | 75.9   | 77.6   | 79.3   |
| 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):**

|       | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1732.0 | 1732.0 | 1732.0 | 1732.0 | 1732.0 | 1732.0 | 1732.0 | 1732.0 | 1732.0 | 1732.0 | 1732.0 |
| 2.5°  | 1755.1 | 1753.4 | 1755.1 | 1751.8 | 1751.8 | 1748.5 | 1745.2 | 1743.5 | 1740.2 | 1738.6 | 1735.3 |
| 5°    | 1784.8 | 1779.8 | 1774.9 | 1773.2 | 1766.6 | 1760.0 | 1755.1 | 1746.8 | 1740.2 | 1728.6 | 1725.3 |
| 7.5°  | 1804.6 | 1793.0 | 1786.4 | 1784.8 | 1774.9 | 1769.9 | 1758.4 | 1748.5 | 1738.6 | 1723.7 | 1718.7 |
| 10°   | 1812.9 | 1801.3 | 1789.7 | 1784.8 | 1773.2 | 1765.0 | 1753.4 | 1738.6 | 1730.3 | 1715.4 | 1712.1 |
| 12.5° | 1822.8 | 1801.3 | 1783.1 | 1769.9 | 1753.4 | 1735.3 | 1723.7 | 1715.4 | 1703.9 | 1695.6 | 1692.3 |
| 15°   | 1804.6 | 1776.5 | 1748.5 | 1723.7 | 1697.3 | 1677.5 | 1665.9 | 1652.7 | 1639.5 | 1634.5 | 1634.5 |
| 17.5° | 1755.1 | 1718.7 | 1670.9 | 1639.5 | 1611.4 | 1590.0 | 1575.1 | 1561.9 | 1560.2 | 1553.6 | 1556.9 |
| 20°   | 1652.7 | 1604.8 | 1558.6 | 1535.5 | 1519.0 | 1505.8 | 1490.9 | 1484.3 | 1479.3 | 1469.4 | 1466.1 |
| 22.5° | 1510.7 | 1471.1 | 1438.1 | 1421.6 | 1408.3 | 1391.8 | 1378.6 | 1358.8 | 1353.9 | 1344.0 | 1339.0 |
| 25°   | 1353.9 | 1322.5 | 1294.4 | 1282.9 | 1274.6 | 1251.5 | 1243.2 | 1216.8 | 1198.7 | 1187.1 | 1193.7 |
| 27.5° | 1197.0 | 1173.9 | 1147.5 | 1132.6 | 1127.7 | 1106.2 | 1097.9 | 1068.2 | 1053.4 | 1053.4 | 1036.9 |
| 30°   | 1035.2 | 1013.7 | 997.2  | 980.7  | 977.4  | 951.0  | 929.5  | 918.0  | 901.5  | 894.9  | 883.3  |
| 32.5° | 883.3  | 861.8  | 848.6  | 840.4  | 827.2  | 805.7  | 784.2  | 764.4  | 738.0  | 728.1  | 723.2  |
| 35°   | 743.0  | 726.5  | 710.0  | 703.3  | 685.2  | 662.1  | 635.7  | 619.1  | 587.8  | 576.2  | 571.3  |
| 37.5° | 635.7  | 615.8  | 604.3  | 586.1  | 568.0  | 543.2  | 523.4  | 508.5  | 497.0  | 492.0  | 492.0  |
| 40°   | 549.8  | 534.9  | 521.7  | 506.9  | 492.0  | 478.8  | 468.9  | 465.6  | 463.9  | 463.9  | 467.2  |
| 42.5° | 485.4  | 472.2  | 465.6  | 457.3  | 452.4  | 452.4  | 450.7  | 452.4  | 454.0  | 455.7  | 460.6  |
| 45°   | 442.5  | 434.2  | 430.9  | 429.3  | 432.6  | 435.9  | 437.5  | 440.8  | 447.4  | 450.7  | 452.4  |
| 47.5° | 419.4  | 412.8  | 411.1  | 412.8  | 417.7  | 424.3  | 430.9  | 435.9  | 440.8  | 442.5  | 444.1  |
| 50°   | 396.3  | 388.0  | 384.7  | 388.0  | 394.6  | 404.5  | 409.5  | 417.7  | 421.0  | 424.3  | 421.0  |
| 52.5° | 376.4  | 369.8  | 368.2  | 368.2  | 374.8  | 381.4  | 388.0  | 394.6  | 396.3  | 396.3  | 394.6  |
| 55°   | 359.9  | 355.0  | 350.0  | 353.3  | 358.3  | 364.9  | 374.8  | 379.7  | 383.0  | 384.7  | 384.7  |
| 57.5° | 346.7  | 341.8  | 336.8  | 340.1  | 345.1  | 351.7  | 361.6  | 366.5  | 369.8  | 374.8  | 376.4  |
| 60°   | 336.8  | 330.2  | 325.3  | 330.2  | 335.2  | 345.1  | 353.3  | 358.3  | 366.5  | 368.2  | 368.2  |
| 62.5° | 326.9  | 320.3  | 312.0  | 317.0  | 317.0  | 322.0  | 330.2  | 336.8  | 345.1  | 348.4  | 348.4  |
| 63°   | 325.3  | 318.7  | 310.4  | 313.7  | 313.7  | 317.0  | 323.6  | 330.2  | 340.1  | 343.4  | 341.8  |
| 65°   | 312.0  | 310.4  | 302.1  | 302.1  | 298.8  | 302.1  | 307.1  | 313.7  | 318.7  | 323.6  | 323.6  |
| 67.5° | 290.6  | 288.9  | 287.3  | 287.3  | 287.3  | 290.6  | 293.9  | 298.8  | 303.8  | 307.1  | 305.4  |
| 70°   | 265.8  | 265.8  | 265.8  | 267.5  | 267.5  | 270.8  | 272.4  | 270.8  | 275.7  | 279.0  | 277.4  |
| 72.5° | 244.4  | 242.7  | 241.1  | 244.4  | 242.7  | 242.7  | 246.0  | 244.4  | 249.3  | 249.3  | 251.0  |
| 75°   | 221.2  | 219.6  | 219.6  | 221.2  | 217.9  | 214.6  | 216.3  | 216.3  | 217.9  | 217.9  | 221.2  |
| 77.5° | 201.4  | 201.4  | 201.4  | 199.8  | 196.5  | 194.8  | 193.2  | 193.2  | 193.2  | 193.2  | 194.8  |
| 80°   | 183.3  | 183.3  | 183.3  | 181.6  | 178.3  | 175.0  | 171.7  | 170.1  | 168.4  | 160.2  | 160.2  |
| 82.5° | 165.1  | 165.1  | 165.1  | 165.1  | 163.5  | 160.2  | 155.2  | 142.0  | 135.4  | 128.8  | 130.4  |
| 85°   | 130.4  | 133.7  | 137.0  | 142.0  | 140.3  | 140.3  | 130.4  | 113.9  | 104.0  | 97.4   | 99.1   |
| 87.5° | 84.2   | 74.3   | 74.3   | 72.6   | 69.3   | 66.0   | 66.0   | 56.1   | 46.2   | 41.3   | 42.9   |
| 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°    | 1732.0 | 1732.0 | 1732.0 | 1732.0 | 1732.0 | 1732.0 | 1732.0 | 1732.0 | 1732.0 | 1732.0 | 1732.0 | 0°    |
| 2.5°  | 1735.3 | 1732.0 | 1728.6 | 1728.6 | 1723.7 | 1723.7 | 1720.4 | 1727.0 | 1720.4 | 1715.4 | 1715.4 | 2.5°  |
| 5°    | 1722.0 | 1718.7 | 1708.8 | 1707.2 | 1700.6 | 1700.6 | 1700.6 | 1697.3 | 1697.3 | 1694.0 | 1692.3 | 5°    |
| 7.5°  | 1713.8 | 1705.5 | 1697.3 | 1692.3 | 1692.3 | 1689.0 | 1695.6 | 1692.3 | 1694.0 | 1694.0 | 1695.6 | 7.5°  |
| 10°   | 1707.2 | 1700.6 | 1697.3 | 1695.6 | 1695.6 | 1700.6 | 1705.5 | 1707.2 | 1705.5 | 1707.2 | 1707.2 | 10°   |
| 12.5° | 1690.7 | 1694.0 | 1695.6 | 1702.2 | 1710.5 | 1720.4 | 1732.0 | 1733.6 | 1736.9 | 1736.9 | 1740.2 | 12.5° |
| 15°   | 1637.8 | 1646.1 | 1656.0 | 1672.5 | 1694.0 | 1715.4 | 1736.9 | 1755.1 | 1771.6 | 1779.8 | 1786.4 | 15°   |
| 17.5° | 1563.5 | 1571.8 | 1590.0 | 1608.1 | 1636.2 | 1667.6 | 1703.9 | 1735.3 | 1769.9 | 1801.3 | 1832.7 | 17.5° |
| 20°   | 1462.8 | 1476.0 | 1481.0 | 1514.0 | 1547.0 | 1590.0 | 1632.9 | 1682.4 | 1741.9 | 1801.3 | 1862.4 | 20°   |
| 22.5° | 1332.4 | 1347.3 | 1370.4 | 1396.8 | 1431.5 | 1484.3 | 1535.5 | 1613.1 | 1692.3 | 1776.5 | 1872.3 | 22.5° |
| 25°   | 1187.1 | 1203.6 | 1223.4 | 1251.5 | 1286.2 | 1342.3 | 1416.6 | 1499.2 | 1596.6 | 1707.2 | 1826.1 | 25°   |
| 27.5° | 1036.9 | 1053.4 | 1069.9 | 1089.7 | 1129.3 | 1188.8 | 1276.3 | 1362.1 | 1469.4 | 1590.0 | 1728.6 | 27.5° |
| 30°   | 886.6  | 888.3  | 898.2  | 922.9  | 964.2  | 1041.8 | 1106.2 | 1213.5 | 1325.8 | 1452.9 | 1613.1 | 30°   |
| 32.5° | 721.5  | 719.9  | 731.4  | 752.9  | 792.5  | 866.8  | 946.1  | 1050.1 | 1160.7 | 1320.8 | 1485.9 | 32.5° |
| 35°   | 574.6  | 574.6  | 596.0  | 617.5  | 662.1  | 714.9  | 784.2  | 876.7  | 1007.1 | 1155.7 | 1320.8 | 35°   |
| 37.5° | 497.0  | 508.5  | 521.7  | 543.2  | 577.9  | 619.1  | 680.2  | 761.1  | 863.5  | 1005.5 | 1157.4 | 37.5° |
| 40°   | 472.2  | 478.8  | 490.4  | 510.2  | 539.9  | 577.9  | 622.4  | 683.5  | 762.8  | 876.7  | 1015.4 | 40°   |
| 42.5° | 462.3  | 463.9  | 470.5  | 485.4  | 511.8  | 549.8  | 596.0  | 650.5  | 710.0  | 790.9  | 911.4  | 42.5° |
| 45°   | 452.4  | 450.7  | 454.0  | 465.6  | 487.1  | 530.0  | 582.8  | 642.3  | 701.7  | 769.4  | 868.5  | 45°   |
| 47.5° | 444.1  | 444.1  | 444.1  | 449.1  | 468.9  | 511.8  | 572.9  | 642.3  | 713.3  | 789.2  | 886.6  | 47.5° |
| 50°   | 421.0  | 419.4  | 419.4  | 422.7  | 437.5  | 483.8  | 556.4  | 640.6  | 733.1  | 832.1  | 942.7  | 50°   |
| 52.5° | 394.6  | 394.6  | 396.3  | 397.9  | 411.1  | 457.3  | 538.2  | 640.6  | 756.2  | 888.3  | 1027.0 | 52.5° |
| 55°   | 386.3  | 388.0  | 389.6  | 388.0  | 397.9  | 437.5  | 518.4  | 630.7  | 766.1  | 932.8  | 1117.8 | 55°   |
| 57.5° | 379.7  | 383.0  | 383.0  | 381.4  | 388.0  | 421.0  | 498.6  | 610.9  | 757.8  | 949.4  | 1182.2 | 57.5° |
| 60°   | 369.8  | 369.8  | 369.8  | 364.9  | 368.2  | 397.9  | 468.9  | 579.5  | 731.4  | 934.5  | 1192.1 | 60°   |
| 62.5° | 348.4  | 348.4  | 345.1  | 343.4  | 341.8  | 364.9  | 429.3  | 533.3  | 683.5  | 894.9  | 1167.3 | 62.5° |
| 63°   | 343.4  | 341.8  | 341.8  | 336.8  | 336.8  | 358.3  | 421.0  | 526.7  | 670.3  | 885.0  | 1157.4 | 63°   |
| 65°   | 325.3  | 325.3  | 325.3  | 322.0  | 320.3  | 336.8  | 388.0  | 480.5  | 619.1  | 838.7  | 1107.9 | 65°   |
| 67.5° | 305.4  | 307.1  | 303.8  | 302.1  | 300.5  | 310.4  | 350.0  | 422.7  | 539.9  | 741.3  | 1015.4 | 67.5° |
| 70°   | 277.4  | 279.0  | 279.0  | 277.4  | 275.7  | 282.3  | 307.1  | 363.2  | 447.4  | 617.5  | 865.2  | 70°   |
| 72.5° | 252.6  | 255.9  | 255.9  | 259.2  | 259.2  | 264.2  | 274.1  | 302.1  | 358.3  | 482.1  | 680.2  | 72.5° |
| 75°   | 226.2  | 227.8  | 231.1  | 234.4  | 231.1  | 229.5  | 231.1  | 252.6  | 280.7  | 356.6  | 485.4  | 75°   |
| 77.5° | 203.1  | 208.0  | 208.0  | 206.4  | 201.4  | 198.1  | 198.1  | 208.0  | 231.1  | 270.8  | 346.7  | 77.5° |
| 80°   | 168.4  | 176.7  | 178.3  | 173.4  | 168.4  | 168.4  | 171.7  | 178.3  | 193.2  | 222.9  | 262.5  | 80°   |
| 82.5° | 135.4  | 143.6  | 145.3  | 146.9  | 145.3  | 150.2  | 150.2  | 151.9  | 160.2  | 183.3  | 214.6  | 82.5° |
| 85°   | 104.0  | 110.6  | 115.6  | 117.2  | 118.9  | 120.5  | 118.9  | 110.6  | 115.6  | 130.4  | 145.3  | 85°   |
| 87.5° | 46.2   | 47.9   | 44.6   | 46.2   | 44.6   | 46.2   | 47.9   | 39.6   | 38.0   | 51.2   | 52.8   | 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°   |



IUMBER: P153095

NUMBER: TMU-F06-LED-E-U-SLL

**DISTRIBUTION (continued):**

| 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|
| 1732.0 | 1732.0 | 1732.0 | 1732.0 | 1732.0 | 1732.0 | 1732.0 |
| 1713.8 | 1713.8 | 1715.4 | 1712.1 | 1712.1 | 1713.8 | 1708.8 |
| 1687.4 | 1694.0 | 1694.0 | 1694.0 | 1690.7 | 1694.0 | 1695.6 |
| 1694.0 | 1698.9 | 1702.2 | 1702.2 | 1700.6 | 1707.2 | 1712.1 |
| 1702.2 | 1710.5 | 1713.8 | 1713.8 | 1713.8 | 1722.0 | 1733.6 |
| 1733.6 | 1740.2 | 1745.2 | 1745.2 | 1748.5 | 1758.4 | 1771.6 |
| 1791.4 | 1799.6 | 1799.6 | 1798.0 | 1807.9 | 1819.5 | 1834.3 |
| 1855.8 | 1878.9 | 1890.5 | 1888.8 | 1897.1 | 1911.9 | 1928.4 |
| 1916.9 | 1981.3 | 2009.3 | 2029.1 | 2037.4 | 2057.2 | 2062.2 |
| 1968.1 | 2075.4 | 2153.0 | 2219.0 | 2250.4 | 2270.2 | 2293.3 |
| 1949.9 | 2095.2 | 2233.9 | 2369.3 | 2465.0 | 2562.4 | 2603.7 |
| 1875.6 | 2057.2 | 2238.8 | 2436.9 | 2610.3 | 2783.7 | 2909.1 |
| 1784.8 | 2002.7 | 2247.1 | 2527.8 | 2801.8 | 3067.7 | 3279.0 |
| 1680.8 | 1951.5 | 2265.2 | 2612.0 | 2971.9 | 3320.3 | 3625.7 |
| 1550.3 | 1854.1 | 2220.7 | 2620.2 | 3044.5 | 3467.2 | 3863.5 |
| 1385.2 | 1722.0 | 2116.6 | 2560.8 | 3047.8 | 3531.6 | 4005.4 |
| 1220.1 | 1555.3 | 1984.6 | 2474.9 | 3004.9 | 3546.5 | 4094.6 |
| 1104.6 | 1406.7 | 1850.8 | 2366.0 | 2935.6 | 3523.3 | 4137.5 |
| 1025.3 | 1299.4 | 1732.0 | 2266.9 | 2861.3 | 3482.1 | 4144.1 |
| 1018.7 | 1253.1 | 1654.4 | 2194.2 | 2801.8 | 3445.7 | 4144.1 |
| 1074.8 | 1277.9 | 1627.9 | 2157.9 | 2777.1 | 3434.2 | 4147.4 |
| 1180.5 | 1377.0 | 1675.8 | 2186.0 | 2796.9 | 3449.0 | 4162.3 |
| 1307.6 | 1527.2 | 1804.6 | 2283.4 | 2881.1 | 3498.6 | 4195.3 |
| 1423.2 | 1700.6 | 2024.2 | 2471.6 | 3034.6 | 3624.1 | 4287.8 |
| 1490.9 | 1849.2 | 2257.0 | 2735.8 | 3297.1 | 3873.4 | 4472.7 |
| 1499.2 | 1931.7 | 2463.4 | 3023.1 | 3615.8 | 4159.0 | 4768.2 |
| 1492.5 | 1938.3 | 2489.8 | 3077.6 | 3683.5 | 4230.0 | 4870.6 |
| 1456.2 | 1940.0 | 2564.1 | 3269.1 | 3917.9 | 4528.8 | 5156.2 |
| 1363.8 | 1887.1 | 2590.5 | 3419.3 | 4213.5 | 4921.8 | 5689.5 |
| 1203.6 | 1736.9 | 2512.9 | 3422.6 | 4327.4 | 5141.4 | 6026.3 |
| 967.5  | 1451.3 | 2177.7 | 3113.9 | 4026.9 | 4925.1 | 5938.8 |
| 708.3  | 1066.6 | 1646.1 | 2412.2 | 3285.6 | 4099.6 | 5086.9 |
| 470.5  | 690.1  | 1109.5 | 1718.7 | 2356.0 | 2950.4 | 3662.0 |
| 323.6  | 427.6  | 648.9  | 1033.6 | 1441.4 | 1730.3 | 2332.9 |
| 237.8  | 282.3  | 359.9  | 528.3  | 693.4  | 853.6  | 1218.5 |
| 148.6  | 161.8  | 180.0  | 260.9  | 373.1  | 503.6  | 759.5  |
| 39.6   | 41.3   | 38.0   | 51.2   | 80.9   | 77.6   | 85.9   |
| 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)