

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: P154707

Luminaire Tested: **TMU-F06-LED-E-U-T2-7060**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P154707
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33671)
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-T2-7060
Description: TALON MEDIUM LED AREA LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 AREA
Light Source: (42) 5700K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15571.9 lumens
Efficiency: N/A
Efficacy: 99.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short - Semi-Cutoff
BUG Rating: B3 - U0 - G3

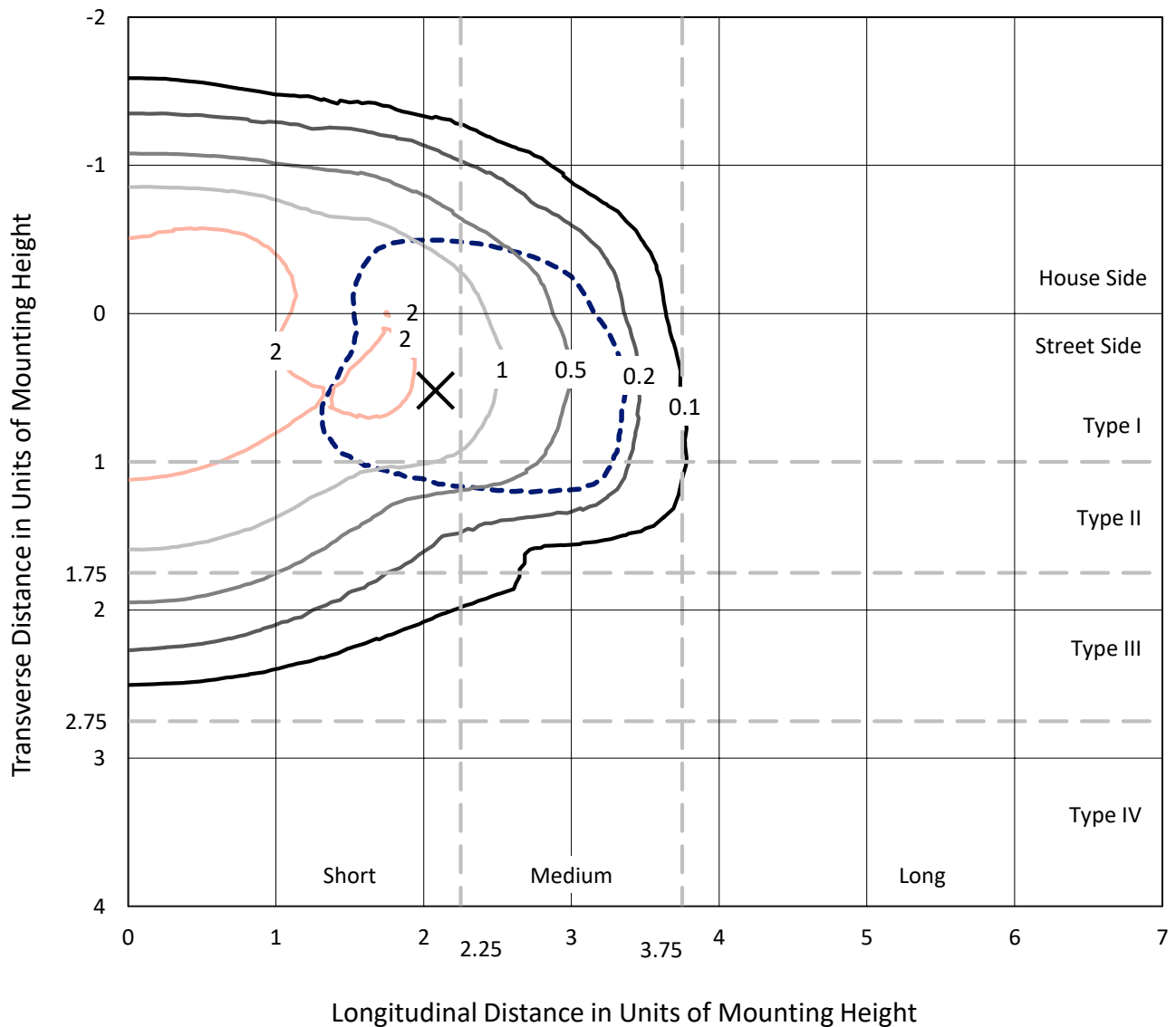
Input Watts (W): 156.5
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

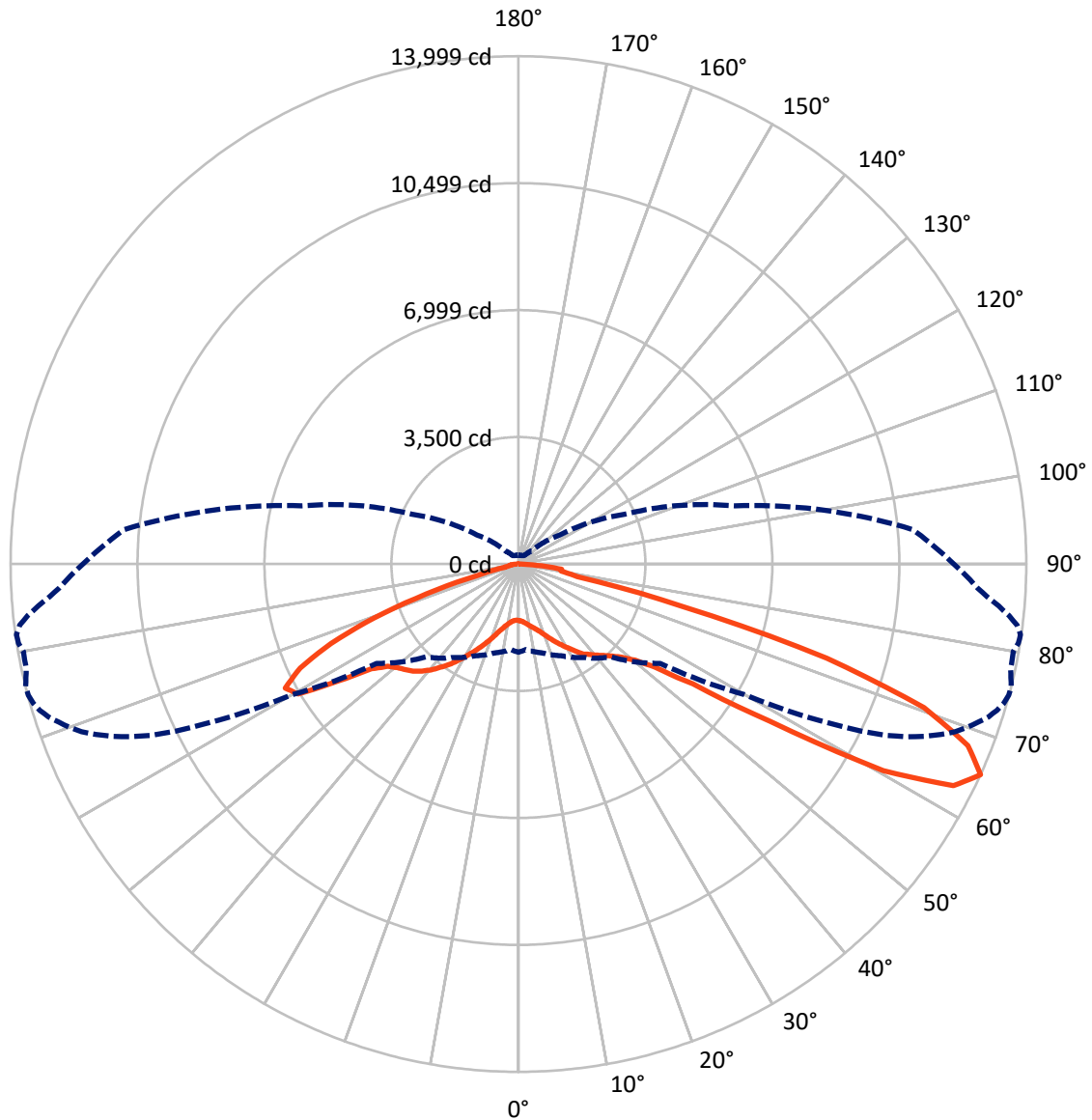


Based on 25 foot mounting height. Maximum calculated value = 3 fc
 Type II - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 76-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 5452.9 | 0.0 | 5452.9 |
| | % Fixture | 35.0 | 0.0 | 35.0 |
| Street Side | Lumens | 10119.0 | 0.0 | 10119.0 |
| | % Fixture | 65.0 | 0.0 | 65.0 |
| Total | Lumens | 15571.9 | 0.0 | 15571.9 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 155.9 | 1.0 |
| 10°-20° | 535.5 | 3.4 |
| 20°-30° | 1052.1 | 6.8 |
| 30°-40° | 1748.1 | 11.2 |
| 40°-50° | 2568.6 | 16.5 |
| 50°-60° | 3556.2 | 22.8 |
| 60°-70° | 4244.7 | 27.3 |
| 70°-80° | 1501.1 | 9.6 |
| 80°-90° | 209.7 | 1.3 |
| 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° | 15571.9 | 100.0 |
| 0°-180° | 15571.9 | 100.0 |

Coefficient of Utilization



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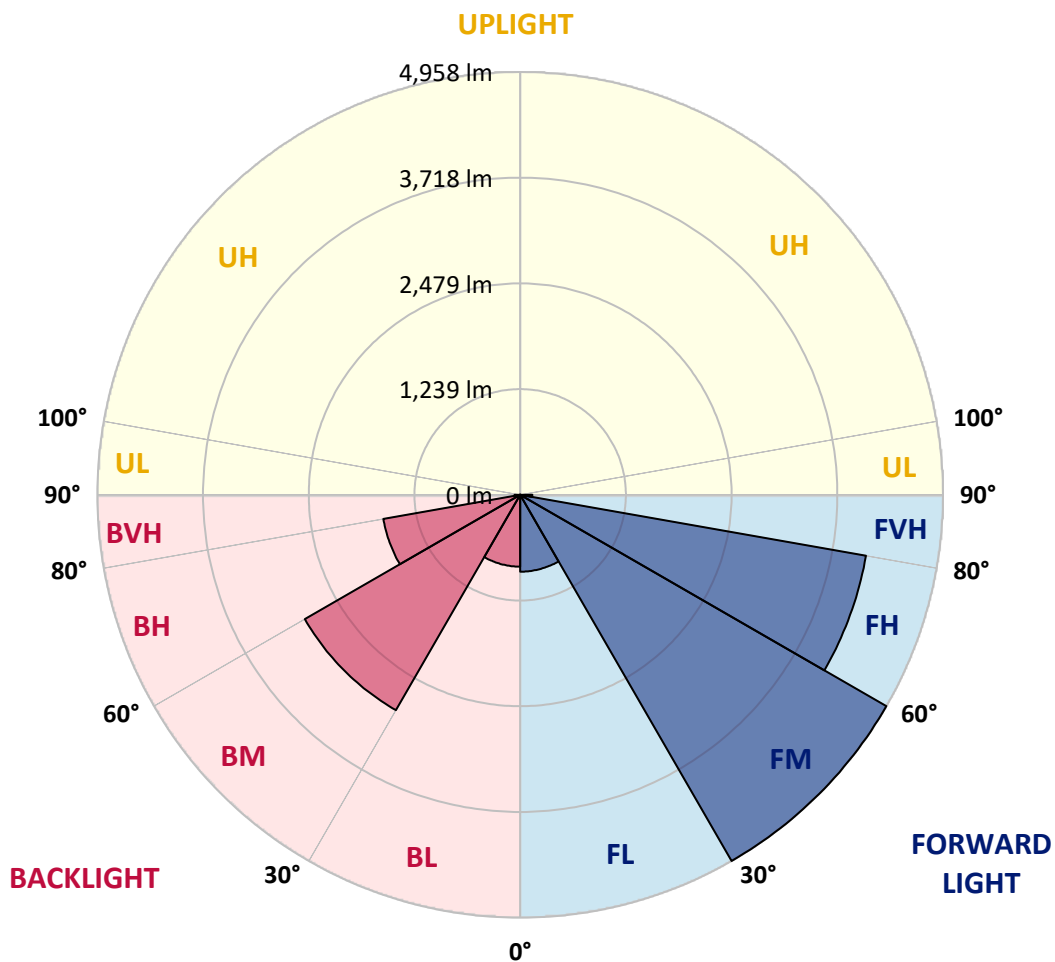
CATALOG NUMBER: TMU-F06-LED-E-U-T2-7060

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 901.0 | 5.8 | | | |
| FM | (30°-60°) | 4957.6 | 31.8 | | | |
| FH | (60°-80°) | 4117.0 | 26.4 | | | G2/5000 |
| FVH | (80°-90°) | 143.4 | 0.9 | | | G2/225 |
| BL | (0°-30°) | 842.4 | 5.4 | B2/1000 | | |
| BM | (30°-60°) | 2915.3 | 18.7 | B3/5000 | | |
| BH | (60°-80°) | 1628.8 | 10.5 | B3/2500 | | G3/2500 |
| BVH | (80°-90°) | 66.4 | 0.4 | | | G1/100 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B3-U0-G3

Type II Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 60° | 61° | 62° | 64° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| 0° | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 |
| 2.5° | 1624.7 | 1626.4 | 1623.0 | 1621.3 | 1616.2 | 1607.7 | 1601.0 | 1594.2 | 1594.2 | 1594.2 | 1589.1 |
| 5° | 1695.8 | 1699.2 | 1692.5 | 1687.4 | 1672.1 | 1663.7 | 1651.8 | 1643.3 | 1639.9 | 1638.2 | 1633.2 |
| 7.5° | 1785.6 | 1780.6 | 1770.4 | 1767.0 | 1755.1 | 1736.5 | 1714.5 | 1697.5 | 1697.5 | 1695.8 | 1697.5 |
| 10° | 1875.4 | 1861.9 | 1856.8 | 1851.7 | 1833.1 | 1809.4 | 1783.9 | 1765.3 | 1763.6 | 1761.9 | 1756.8 |
| 12.5° | 1965.2 | 1960.1 | 1955.1 | 1936.4 | 1917.8 | 1880.5 | 1851.7 | 1833.1 | 1831.4 | 1833.1 | 1826.3 |
| 15° | 2083.8 | 2071.9 | 2066.9 | 2034.7 | 1994.0 | 1953.4 | 1917.8 | 1900.8 | 1895.8 | 1897.4 | 1892.4 |
| 17.5° | 2175.3 | 2175.3 | 2163.4 | 2127.9 | 2075.3 | 2019.4 | 1982.2 | 1972.0 | 1970.3 | 1970.3 | 1972.0 |
| 20° | 2248.1 | 2246.4 | 2234.6 | 2205.8 | 2143.1 | 2087.2 | 2068.6 | 2065.2 | 2063.5 | 2063.5 | 2068.6 |
| 22.5° | 2288.8 | 2285.4 | 2280.3 | 2248.1 | 2199.0 | 2161.7 | 2163.4 | 2173.6 | 2177.0 | 2180.4 | 2187.1 |
| 25° | 2309.1 | 2304.0 | 2302.4 | 2280.3 | 2244.8 | 2239.7 | 2270.2 | 2297.3 | 2304.0 | 2310.8 | 2319.3 |
| 27.5° | 2343.0 | 2334.5 | 2337.9 | 2329.5 | 2321.0 | 2336.2 | 2398.9 | 2427.7 | 2432.8 | 2441.3 | 2446.4 |
| 30° | 2436.2 | 2432.8 | 2446.4 | 2449.7 | 2456.5 | 2478.5 | 2536.1 | 2563.3 | 2575.1 | 2575.1 | 2598.8 |
| 32.5° | 2614.1 | 2615.8 | 2619.2 | 2654.7 | 2666.6 | 2681.8 | 2712.3 | 2734.4 | 2736.1 | 2737.7 | 2759.8 |
| 35° | 2853.0 | 2863.1 | 2891.9 | 2922.4 | 2951.2 | 2949.5 | 2930.9 | 2942.7 | 2934.3 | 2944.4 | 2946.1 |
| 37.5° | 3154.5 | 3141.0 | 3183.3 | 3252.8 | 3296.8 | 3285.0 | 3201.9 | 3147.7 | 3163.0 | 3156.2 | 3151.1 |
| 40° | 3386.6 | 3401.9 | 3483.2 | 3574.7 | 3608.5 | 3645.8 | 3537.4 | 3444.2 | 3430.7 | 3405.2 | 3390.0 |
| 42.5° | 3706.8 | 3708.5 | 3774.6 | 3842.3 | 3940.6 | 4021.9 | 3952.5 | 3818.6 | 3778.0 | 3747.5 | 3681.4 |
| 45° | 4003.3 | 3998.2 | 4052.4 | 4135.4 | 4252.3 | 4369.2 | 4394.6 | 4248.9 | 4233.7 | 4179.5 | 4093.1 |
| 47.5° | 4201.5 | 4194.7 | 4232.0 | 4340.4 | 4530.2 | 4721.6 | 4826.6 | 4782.6 | 4753.8 | 4731.8 | 4596.2 |
| 50° | 4335.3 | 4321.8 | 4364.1 | 4479.3 | 4691.1 | 4985.9 | 5260.3 | 5297.6 | 5285.8 | 5285.8 | 5199.4 |
| 52.5° | 4435.3 | 4435.3 | 4465.8 | 4559.0 | 4774.1 | 5141.7 | 5633.1 | 5821.1 | 5836.4 | 5853.3 | 5848.2 |
| 55° | 4379.4 | 4387.9 | 4464.1 | 4599.6 | 4826.6 | 5250.2 | 5941.4 | 6353.1 | 6437.8 | 6508.9 | 6590.2 |
| 57.5° | 4187.9 | 4216.7 | 4318.4 | 4540.3 | 4840.2 | 5331.5 | 6283.6 | 7098.5 | 7337.4 | 7544.1 | 7865.9 |
| 60° | 3908.4 | 3945.7 | 4093.1 | 4376.0 | 4740.2 | 5199.4 | 6403.9 | 7728.7 | 8108.2 | 8558.9 | 9399.2 |
| 62.5° | 3429.0 | 3466.2 | 3610.2 | 3893.2 | 4204.9 | 4692.8 | 5905.8 | 7821.9 | 8428.4 | 9067.1 | 10337.7 |
| 65° | 2429.4 | 2370.1 | 2536.1 | 2790.3 | 3147.7 | 3620.4 | 4772.4 | 7196.8 | 8069.2 | 8935.0 | 10503.7 |
| 67.5° | 1353.6 | 1348.5 | 1450.2 | 1639.9 | 1982.2 | 2490.4 | 3288.3 | 5519.5 | 6322.6 | 7303.5 | 9229.7 |
| 70° | 933.5 | 943.6 | 1008.0 | 1213.0 | 1495.9 | 1934.7 | 2343.0 | 3466.2 | 4043.9 | 4709.7 | 6603.8 |
| 72.5° | 655.6 | 677.7 | 713.2 | 835.2 | 1124.9 | 1629.8 | 2393.8 | 2071.9 | 2360.0 | 2814.0 | 3971.1 |
| 75° | 384.6 | 399.8 | 425.2 | 484.5 | 640.4 | 1089.3 | 2478.5 | 1821.2 | 1821.2 | 1927.9 | 2402.3 |
| 77.5° | 237.2 | 237.2 | 252.4 | 276.1 | 340.5 | 533.7 | 1765.3 | 2046.5 | 1988.9 | 1927.9 | 1933.0 |
| 80° | 122.0 | 130.4 | 152.5 | 164.3 | 189.7 | 244.0 | 792.9 | 1909.3 | 2094.0 | 2217.6 | 2131.2 |
| 82.5° | 55.9 | 62.7 | 93.2 | 100.0 | 110.1 | 128.8 | 272.8 | 1086.0 | 1455.3 | 1916.1 | 2393.8 |
| 85° | 28.8 | 28.8 | 49.1 | 61.0 | 66.1 | 59.3 | 100.0 | 438.8 | 664.1 | 1013.1 | 1585.7 |
| 87.5° | 5.1 | 5.1 | 8.5 | 10.2 | 15.2 | 13.6 | 16.9 | 25.4 | 42.4 | 45.7 | 47.4 |
| 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):

| | 65° | 66° | 67° | 68° | 69° | 70° | 71° | 72° | 73° | 74° | 75° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 |
| 2.5° | 1587.4 | 1589.1 | 1587.4 | 1585.7 | 1582.3 | 1582.3 | 1582.3 | 1580.6 | 1580.6 | 1580.6 | 1578.9 |
| 5° | 1633.2 | 1626.4 | 1628.1 | 1624.7 | 1623.0 | 1621.3 | 1623.0 | 1619.6 | 1616.2 | 1617.9 | 1616.2 |
| 7.5° | 1690.8 | 1687.4 | 1680.6 | 1680.6 | 1678.9 | 1675.5 | 1675.5 | 1670.4 | 1668.7 | 1665.4 | 1663.7 |
| 10° | 1755.1 | 1746.7 | 1750.1 | 1746.7 | 1748.4 | 1741.6 | 1738.2 | 1734.8 | 1731.4 | 1731.4 | 1733.1 |
| 12.5° | 1821.2 | 1819.5 | 1814.4 | 1811.0 | 1811.0 | 1806.0 | 1807.7 | 1806.0 | 1800.9 | 1799.2 | 1794.1 |
| 15° | 1889.0 | 1889.0 | 1883.9 | 1885.6 | 1883.9 | 1880.5 | 1877.1 | 1877.1 | 1873.7 | 1870.3 | 1872.0 |
| 17.5° | 1968.6 | 1968.6 | 1968.6 | 1968.6 | 1970.3 | 1965.2 | 1966.9 | 1963.5 | 1960.1 | 1966.9 | 1966.9 |
| 20° | 2071.9 | 2078.7 | 2078.7 | 2077.0 | 2085.5 | 2080.4 | 2078.7 | 2087.2 | 2078.7 | 2090.6 | 2088.9 |
| 22.5° | 2190.5 | 2197.3 | 2197.3 | 2204.1 | 2205.8 | 2210.9 | 2214.3 | 2210.9 | 2217.6 | 2224.4 | 2224.4 |
| 25° | 2322.7 | 2329.5 | 2334.5 | 2344.7 | 2349.8 | 2346.4 | 2348.1 | 2356.6 | 2360.0 | 2366.7 | 2373.5 |
| 27.5° | 2461.6 | 2463.3 | 2470.1 | 2481.9 | 2490.4 | 2493.8 | 2495.5 | 2509.0 | 2510.7 | 2514.1 | 2520.9 |
| 30° | 2597.1 | 2614.1 | 2610.7 | 2625.9 | 2631.0 | 2636.1 | 2646.3 | 2651.3 | 2663.2 | 2670.0 | 2670.0 |
| 32.5° | 2756.4 | 2753.0 | 2766.5 | 2778.4 | 2786.9 | 2795.3 | 2803.8 | 2810.6 | 2817.4 | 2820.8 | 2837.7 |
| 35° | 2954.6 | 2961.4 | 2961.4 | 2963.1 | 2983.4 | 2985.1 | 2991.9 | 3007.1 | 3012.2 | 3022.4 | 3029.1 |
| 37.5° | 3151.1 | 3139.3 | 3137.6 | 3137.6 | 3130.8 | 3135.9 | 3137.6 | 3139.3 | 3146.0 | 3147.7 | 3154.5 |
| 40° | 3371.4 | 3356.1 | 3342.6 | 3334.1 | 3320.5 | 3301.9 | 3298.5 | 3290.0 | 3295.1 | 3293.4 | 3295.1 |
| 42.5° | 3672.9 | 3630.6 | 3598.4 | 3574.7 | 3547.6 | 3527.2 | 3512.0 | 3490.0 | 3474.7 | 3456.1 | 3452.7 |
| 45° | 4057.5 | 3977.9 | 3923.7 | 3884.7 | 3845.7 | 3789.8 | 3757.6 | 3723.7 | 3693.2 | 3662.8 | 3637.3 |
| 47.5° | 4562.3 | 4477.6 | 4391.2 | 4320.1 | 4259.1 | 4169.3 | 4077.8 | 4027.0 | 3967.7 | 3915.2 | 3877.9 |
| 50° | 5157.0 | 5055.3 | 5014.7 | 4914.7 | 4838.5 | 4703.0 | 4589.5 | 4506.4 | 4387.9 | 4308.2 | 4238.8 |
| 52.5° | 5765.2 | 5739.8 | 5717.8 | 5633.1 | 5543.3 | 5465.3 | 5365.4 | 5219.7 | 5099.4 | 5007.9 | 4865.6 |
| 55° | 6593.6 | 6605.5 | 6597.0 | 6551.3 | 6519.1 | 6444.6 | 6403.9 | 6276.8 | 6222.6 | 6090.5 | 5941.4 |
| 57.5° | 7987.9 | 8082.8 | 8203.1 | 8250.5 | 8314.9 | 8253.9 | 8325.1 | 8411.5 | 8196.3 | 8270.8 | 8137.0 |
| 60° | 9768.5 | 10203.9 | 10463.1 | 10781.6 | 10990.0 | 11281.4 | 11333.9 | 11410.1 | 11388.1 | 11430.4 | 11516.8 |
| 62.5° | 10856.1 | 11372.8 | 11869.2 | 12230.1 | 12616.3 | 12829.8 | 13087.3 | 13266.9 | 13453.3 | 13578.6 | 13543.0 |
| 65° | 11176.3 | 11708.3 | 12158.9 | 12553.7 | 12899.3 | 13160.2 | 13399.0 | 13624.4 | 13795.5 | 13915.8 | 13986.9 |
| 67.5° | 10000.6 | 10695.2 | 11169.5 | 11632.0 | 12077.6 | 12352.1 | 12552.0 | 12770.5 | 13021.2 | 13229.6 | 13270.3 |
| 70° | 7525.4 | 8567.3 | 9239.9 | 9793.9 | 10317.4 | 10686.7 | 10966.2 | 11169.5 | 11364.4 | 11513.5 | 11676.1 |
| 72.5° | 4706.4 | 5617.8 | 6387.0 | 7105.3 | 7661.0 | 8169.2 | 8404.7 | 8855.3 | 8796.0 | 8909.5 | 9031.5 |
| 75° | 2820.8 | 3264.6 | 3688.2 | 4194.7 | 4486.1 | 4909.7 | 4985.9 | 5060.4 | 5021.5 | 4894.4 | 4989.3 |
| 77.5° | 1960.1 | 2033.0 | 2029.6 | 2000.8 | 1970.3 | 1895.8 | 1799.2 | 1746.7 | 1711.1 | 1660.3 | 1680.6 |
| 80° | 1972.0 | 1814.4 | 1573.9 | 1323.1 | 1092.7 | 940.3 | 879.3 | 879.3 | 941.9 | 1031.7 | 1121.5 |
| 82.5° | 2356.6 | 2188.8 | 1951.7 | 1633.2 | 1294.3 | 1053.8 | 892.8 | 828.4 | 840.3 | 931.8 | 1047.0 |
| 85° | 1589.1 | 1626.4 | 1426.5 | 1304.5 | 1033.4 | 804.7 | 674.3 | 547.2 | 484.5 | 499.8 | 565.8 |
| 87.5° | 57.6 | 69.5 | 25.4 | 33.9 | 23.7 | 20.3 | 20.3 | 22.0 | 15.2 | 18.6 | 16.9 |
| 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):

| | 76° | 77° | 78° | 79° | 80° | 81° | 82° | 83° | 84° | 85° | 86° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 |
| 2.5° | 1577.3 | 1575.6 | 1575.6 | 1572.2 | 1572.2 | 1570.5 | 1570.5 | 1568.8 | 1567.1 | 1567.1 | 1565.4 |
| 5° | 1614.5 | 1612.8 | 1609.4 | 1607.7 | 1604.4 | 1604.4 | 1602.7 | 1599.3 | 1599.3 | 1595.9 | 1594.2 |
| 7.5° | 1667.0 | 1663.7 | 1660.3 | 1658.6 | 1656.9 | 1651.8 | 1651.8 | 1648.4 | 1648.4 | 1645.0 | 1643.3 |
| 10° | 1729.7 | 1726.3 | 1723.0 | 1724.6 | 1719.6 | 1717.9 | 1714.5 | 1714.5 | 1709.4 | 1707.7 | 1707.7 |
| 12.5° | 1797.5 | 1795.8 | 1795.8 | 1790.7 | 1789.0 | 1787.3 | 1780.6 | 1780.6 | 1780.6 | 1777.2 | 1778.9 |
| 15° | 1870.3 | 1872.0 | 1867.0 | 1872.0 | 1870.3 | 1865.3 | 1865.3 | 1865.3 | 1858.5 | 1867.0 | 1860.2 |
| 17.5° | 1968.6 | 1973.7 | 1970.3 | 1972.0 | 1968.6 | 1968.6 | 1970.3 | 1968.6 | 1972.0 | 1972.0 | 1982.2 |
| 20° | 2090.6 | 2092.3 | 2100.7 | 2097.4 | 2097.4 | 2095.7 | 2099.1 | 2100.7 | 2107.5 | 2104.1 | 2110.9 |
| 22.5° | 2224.4 | 2232.9 | 2234.6 | 2241.4 | 2241.4 | 2239.7 | 2243.1 | 2249.8 | 2253.2 | 2258.3 | 2256.6 |
| 25° | 2376.9 | 2382.0 | 2388.8 | 2380.3 | 2393.8 | 2393.8 | 2397.2 | 2405.7 | 2407.4 | 2407.4 | 2419.2 |
| 27.5° | 2519.2 | 2532.8 | 2534.5 | 2542.9 | 2537.8 | 2541.2 | 2553.1 | 2558.2 | 2564.9 | 2564.9 | 2568.3 |
| 30° | 2680.1 | 2685.2 | 2688.6 | 2698.8 | 2697.1 | 2698.8 | 2700.5 | 2708.9 | 2708.9 | 2717.4 | 2725.9 |
| 32.5° | 2846.2 | 2849.6 | 2853.0 | 2863.1 | 2866.5 | 2873.3 | 2869.9 | 2876.7 | 2885.1 | 2886.8 | 2891.9 |
| 35° | 3044.4 | 3047.8 | 3051.2 | 3066.4 | 3068.1 | 3080.0 | 3083.4 | 3080.0 | 3093.5 | 3085.0 | 3093.5 |
| 37.5° | 3159.6 | 3174.8 | 3178.2 | 3188.4 | 3185.0 | 3193.5 | 3198.6 | 3205.3 | 3208.7 | 3215.5 | 3229.1 |
| 40° | 3300.2 | 3305.3 | 3315.5 | 3320.5 | 3327.3 | 3329.0 | 3335.8 | 3340.9 | 3345.9 | 3361.2 | 3376.4 |
| 42.5° | 3444.2 | 3451.0 | 3456.1 | 3462.8 | 3471.3 | 3478.1 | 3483.2 | 3498.4 | 3501.8 | 3512.0 | 3540.8 |
| 45° | 3618.7 | 3615.3 | 3617.0 | 3618.7 | 3622.1 | 3630.6 | 3645.8 | 3661.1 | 3671.2 | 3694.9 | 3718.7 |
| 47.5° | 3835.6 | 3813.5 | 3805.1 | 3791.5 | 3794.9 | 3813.5 | 3816.9 | 3842.3 | 3862.7 | 3884.7 | 3913.5 |
| 50° | 4164.2 | 4104.9 | 4069.4 | 4033.8 | 4030.4 | 4040.6 | 4054.1 | 4081.2 | 4104.9 | 4133.7 | 4174.4 |
| 52.5° | 4716.5 | 4603.0 | 4531.9 | 4433.6 | 4406.5 | 4401.4 | 4391.2 | 4406.5 | 4413.3 | 4452.2 | 4528.5 |
| 55° | 5834.7 | 5624.6 | 5489.1 | 5336.6 | 5194.3 | 5151.9 | 5070.6 | 5087.5 | 5070.6 | 5094.3 | 5207.8 |
| 57.5° | 8169.2 | 8001.5 | 7869.3 | 7674.5 | 7430.5 | 7171.3 | 7107.0 | 6841.0 | 6893.5 | 7046.0 | 6947.7 |
| 60° | 11559.2 | 11498.2 | 11403.3 | 11310.2 | 10976.4 | 10788.4 | 10481.7 | 10447.8 | 10232.7 | 10234.4 | 10093.8 |
| 62.5° | 13456.6 | 13534.6 | 13477.0 | 13449.9 | 13431.2 | 13371.9 | 13219.5 | 13036.5 | 12762.0 | 12563.8 | 12272.4 |
| 65° | 13998.8 | 13932.7 | 13870.0 | 13861.5 | 13856.5 | 13953.0 | 13975.1 | 13846.3 | 13597.3 | 13288.9 | 12953.5 |
| 67.5° | 13366.9 | 13329.6 | 13333.0 | 13261.8 | 13305.9 | 13473.6 | 13590.5 | 13554.9 | 13326.2 | 12953.5 | 12526.6 |
| 70° | 11862.4 | 11789.6 | 11864.1 | 11957.3 | 12023.4 | 12120.0 | 12236.9 | 12265.7 | 12057.3 | 11674.4 | 11239.0 |
| 72.5° | 8882.4 | 8894.3 | 8965.4 | 8990.9 | 9256.8 | 9229.7 | 9334.8 | 8992.6 | 8841.8 | 8477.5 | 8253.9 |
| 75° | 4674.2 | 4597.9 | 4796.1 | 4376.0 | 4203.2 | 4323.5 | 3986.3 | 3662.8 | 3730.5 | 3786.4 | 3383.2 |
| 77.5° | 1651.8 | 1545.1 | 1363.8 | 1290.9 | 1074.1 | 909.8 | 743.7 | 670.9 | 631.9 | 611.6 | 586.2 |
| 80° | 1185.9 | 1219.8 | 1182.5 | 1094.4 | 930.1 | 745.4 | 587.9 | 464.2 | 398.1 | 362.5 | 338.8 |
| 82.5° | 1199.5 | 1333.3 | 1392.6 | 1367.2 | 1218.1 | 921.6 | 608.2 | 388.0 | 288.0 | 240.6 | 223.6 |
| 85° | 643.8 | 704.8 | 677.7 | 570.9 | 513.3 | 306.6 | 210.1 | 140.6 | 118.6 | 108.4 | 100.0 |
| 87.5° | 25.4 | 20.3 | 16.9 | 16.9 | 18.6 | 20.3 | 16.9 | 18.6 | 16.9 | 16.9 | 16.9 |
| 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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CATALOG NUMBER: TMU-F06-LED-E-U-T2-7060

CANDELA DISTRIBUTION (continued):

| | 87° | 88° | 89° | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° |
|-------|---------|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|
| 0° | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 | 1556.9 |
| 2.5° | 1562.0 | 1562.0 | 1562.0 | 1560.3 | 1556.9 | 1548.5 | 1540.0 | 1533.2 | 1528.1 | 1523.0 | 1516.3 |
| 5° | 1592.5 | 1589.1 | 1589.1 | 1589.1 | 1575.6 | 1562.0 | 1550.1 | 1538.3 | 1528.1 | 1519.7 | 1512.9 |
| 7.5° | 1643.3 | 1641.6 | 1634.9 | 1633.2 | 1623.0 | 1601.0 | 1587.4 | 1567.1 | 1555.2 | 1543.4 | 1540.0 |
| 10° | 1704.3 | 1702.6 | 1700.9 | 1699.2 | 1685.7 | 1663.7 | 1646.7 | 1628.1 | 1611.1 | 1594.2 | 1577.3 |
| 12.5° | 1775.5 | 1773.8 | 1772.1 | 1767.0 | 1761.9 | 1750.1 | 1731.4 | 1711.1 | 1690.8 | 1655.2 | 1636.6 |
| 15° | 1863.6 | 1867.0 | 1863.6 | 1861.9 | 1858.5 | 1860.2 | 1848.3 | 1819.5 | 1787.3 | 1741.6 | 1702.6 |
| 17.5° | 1980.5 | 1977.1 | 1975.4 | 1982.2 | 1980.5 | 1988.9 | 1985.5 | 1948.3 | 1899.1 | 1826.3 | 1758.5 |
| 20° | 2109.2 | 2109.2 | 2116.0 | 2121.1 | 2136.3 | 2158.3 | 2148.2 | 2102.4 | 2012.7 | 1911.0 | 1822.9 |
| 22.5° | 2263.4 | 2266.8 | 2273.6 | 2270.2 | 2293.9 | 2329.5 | 2332.8 | 2268.5 | 2151.6 | 2011.0 | 1887.3 |
| 25° | 2424.3 | 2427.7 | 2420.9 | 2431.1 | 2470.1 | 2520.9 | 2531.1 | 2439.6 | 2285.4 | 2102.4 | 1941.5 |
| 27.5° | 2576.8 | 2580.2 | 2580.2 | 2593.7 | 2631.0 | 2717.4 | 2727.6 | 2625.9 | 2420.9 | 2182.1 | 1980.5 |
| 30° | 2725.9 | 2739.4 | 2742.8 | 2746.2 | 2802.1 | 2922.4 | 2944.4 | 2797.0 | 2539.5 | 2241.4 | 2007.6 |
| 32.5° | 2913.9 | 2919.0 | 2925.8 | 2934.3 | 2998.6 | 3146.0 | 3146.0 | 2944.4 | 2615.8 | 2278.6 | 2012.7 |
| 35° | 3115.5 | 3117.2 | 3132.5 | 3134.2 | 3225.7 | 3373.1 | 3344.3 | 3066.4 | 2670.0 | 2270.2 | 1975.4 |
| 37.5° | 3237.5 | 3244.3 | 3259.5 | 3279.9 | 3376.4 | 3584.8 | 3518.8 | 3171.5 | 2680.1 | 2214.3 | 1890.7 |
| 40° | 3388.3 | 3401.9 | 3417.1 | 3437.4 | 3581.4 | 3800.0 | 3666.1 | 3237.5 | 2637.8 | 2104.1 | 1763.6 |
| 42.5° | 3550.9 | 3569.6 | 3593.3 | 3630.6 | 3801.7 | 3989.7 | 3778.0 | 3247.7 | 2541.2 | 1980.5 | 1612.8 |
| 45° | 3733.9 | 3767.8 | 3794.9 | 3838.9 | 4032.1 | 4154.1 | 3845.7 | 3188.4 | 2419.2 | 1817.8 | 1451.9 |
| 47.5° | 3945.7 | 3972.8 | 4020.2 | 4067.7 | 4260.8 | 4265.9 | 3852.5 | 3073.2 | 2253.2 | 1655.2 | 1280.8 |
| 50° | 4206.6 | 4223.5 | 4294.7 | 4323.5 | 4504.7 | 4382.8 | 3803.4 | 2917.3 | 2078.7 | 1472.2 | 1091.0 |
| 52.5° | 4553.9 | 4577.6 | 4669.1 | 4713.1 | 4841.9 | 4542.0 | 3733.9 | 2747.9 | 1878.8 | 1267.2 | 896.2 |
| 55° | 5240.0 | 5343.4 | 5407.7 | 5484.0 | 5567.0 | 4902.9 | 3703.4 | 2566.6 | 1653.5 | 1030.0 | 709.8 |
| 57.5° | 7166.3 | 7132.4 | 7274.7 | 7447.5 | 7445.8 | 5727.9 | 3886.4 | 2410.8 | 1387.5 | 787.8 | 545.5 |
| 60° | 10036.2 | 10068.3 | 9995.5 | 10098.8 | 9770.2 | 6751.2 | 4137.1 | 2246.4 | 1087.6 | 586.2 | 416.8 |
| 62.5° | 12169.1 | 11982.7 | 11879.4 | 11757.4 | 11034.0 | 6863.0 | 3954.1 | 1909.3 | 791.2 | 411.7 | 320.2 |
| 65° | 12673.9 | 12455.4 | 12233.5 | 12001.4 | 10910.3 | 6187.0 | 3244.3 | 1401.1 | 511.6 | 282.9 | 254.1 |
| 67.5° | 12175.9 | 11825.2 | 11542.3 | 11303.4 | 9997.2 | 5128.2 | 2371.8 | 860.6 | 293.1 | 228.7 | 216.9 |
| 70° | 10884.9 | 10497.0 | 10039.5 | 9771.9 | 8418.2 | 3779.7 | 1519.7 | 464.2 | 225.3 | 203.3 | 198.2 |
| 72.5° | 7967.6 | 7649.1 | 7149.3 | 6842.7 | 6044.7 | 2297.3 | 848.8 | 260.9 | 210.1 | 194.8 | 188.1 |
| 75° | 3103.7 | 2937.7 | 2729.3 | 2746.2 | 2451.4 | 1016.5 | 384.6 | 225.3 | 205.0 | 191.4 | 184.7 |
| 77.5° | 533.7 | 520.1 | 481.1 | 481.1 | 547.2 | 371.0 | 255.8 | 227.0 | 203.3 | 188.1 | 176.2 |
| 80° | 320.2 | 313.4 | 298.2 | 294.8 | 284.6 | 260.9 | 245.7 | 230.4 | 199.9 | 177.9 | 162.6 |
| 82.5° | 210.1 | 201.6 | 196.5 | 194.8 | 211.8 | 228.7 | 230.4 | 228.7 | 189.7 | 154.2 | 132.1 |
| 85° | 89.8 | 89.8 | 89.8 | 91.5 | 122.0 | 184.7 | 189.7 | 203.3 | 155.9 | 120.3 | 94.9 |
| 87.5° | 15.2 | 18.6 | 18.6 | 20.3 | 22.0 | 40.7 | 50.8 | 66.1 | 52.5 | 50.8 | 45.7 |
| 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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CATALOG NUMBER: TMU-F06-LED-E-U-T2-7060

CANDELA DISTRIBUTION (continued):

| | 165° | 175° | 180° |
|-------|--------|--------|--------|
| 0° | 1556.9 | 1556.9 | 1556.9 |
| 2.5° | 1514.6 | 1511.2 | 1511.2 |
| 5° | 1509.5 | 1506.1 | 1507.8 |
| 7.5° | 1529.8 | 1523.0 | 1524.7 |
| 10° | 1567.1 | 1560.3 | 1556.9 |
| 12.5° | 1614.5 | 1606.1 | 1606.1 |
| 15° | 1663.7 | 1643.3 | 1641.6 |
| 17.5° | 1704.3 | 1678.9 | 1675.5 |
| 20° | 1750.1 | 1716.2 | 1711.1 |
| 22.5° | 1792.4 | 1746.7 | 1739.9 |
| 25° | 1822.9 | 1767.0 | 1758.5 |
| 27.5° | 1836.5 | 1770.4 | 1763.6 |
| 30° | 1846.6 | 1772.1 | 1761.9 |
| 32.5° | 1836.5 | 1756.8 | 1748.4 |
| 35° | 1780.6 | 1694.2 | 1689.1 |
| 37.5° | 1684.0 | 1587.4 | 1580.6 |
| 40° | 1556.9 | 1455.3 | 1438.3 |
| 42.5° | 1394.3 | 1299.4 | 1280.8 |
| 45° | 1236.7 | 1128.3 | 1119.8 |
| 47.5° | 1067.3 | 964.0 | 969.1 |
| 50° | 889.4 | 796.3 | 794.6 |
| 52.5° | 720.0 | 638.7 | 633.6 |
| 55° | 567.5 | 509.9 | 504.9 |
| 57.5° | 449.0 | 418.5 | 413.4 |
| 60° | 365.9 | 350.7 | 345.6 |
| 62.5° | 294.8 | 289.7 | 288.0 |
| 65° | 245.7 | 245.7 | 245.7 |
| 67.5° | 213.5 | 215.2 | 215.2 |
| 70° | 196.5 | 198.2 | 196.5 |
| 72.5° | 189.7 | 194.8 | 194.8 |
| 75° | 184.7 | 188.1 | 181.3 |
| 77.5° | 181.3 | 183.0 | 171.1 |
| 80° | 179.6 | 177.9 | 155.9 |
| 82.5° | 155.9 | 150.8 | 132.1 |
| 85° | 142.3 | 108.4 | 91.5 |
| 87.5° | 72.8 | 50.8 | 39.0 |
| 90° | 0.0 | 0.0 | 0.0 |

(END OF REPORT)