

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: P226210

Luminaire Tested: **MLN-B2-D-U-T2-XX**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P226210
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29120)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: MLN-B2-D-U-T2-XX
Description: METROLINE ARCHITECTURAL LED LUMINAIRE
70 CRI, 4000K LEDS AND TYPE II DISTRIBUTION
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8617 lumens
Efficiency: N/A
Efficacy: 121.4 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 3.75' x H: 0.17')
IES Classification: Type II - Short - Semi-Cutoff
BUG Rating: B2 - U1 - G2

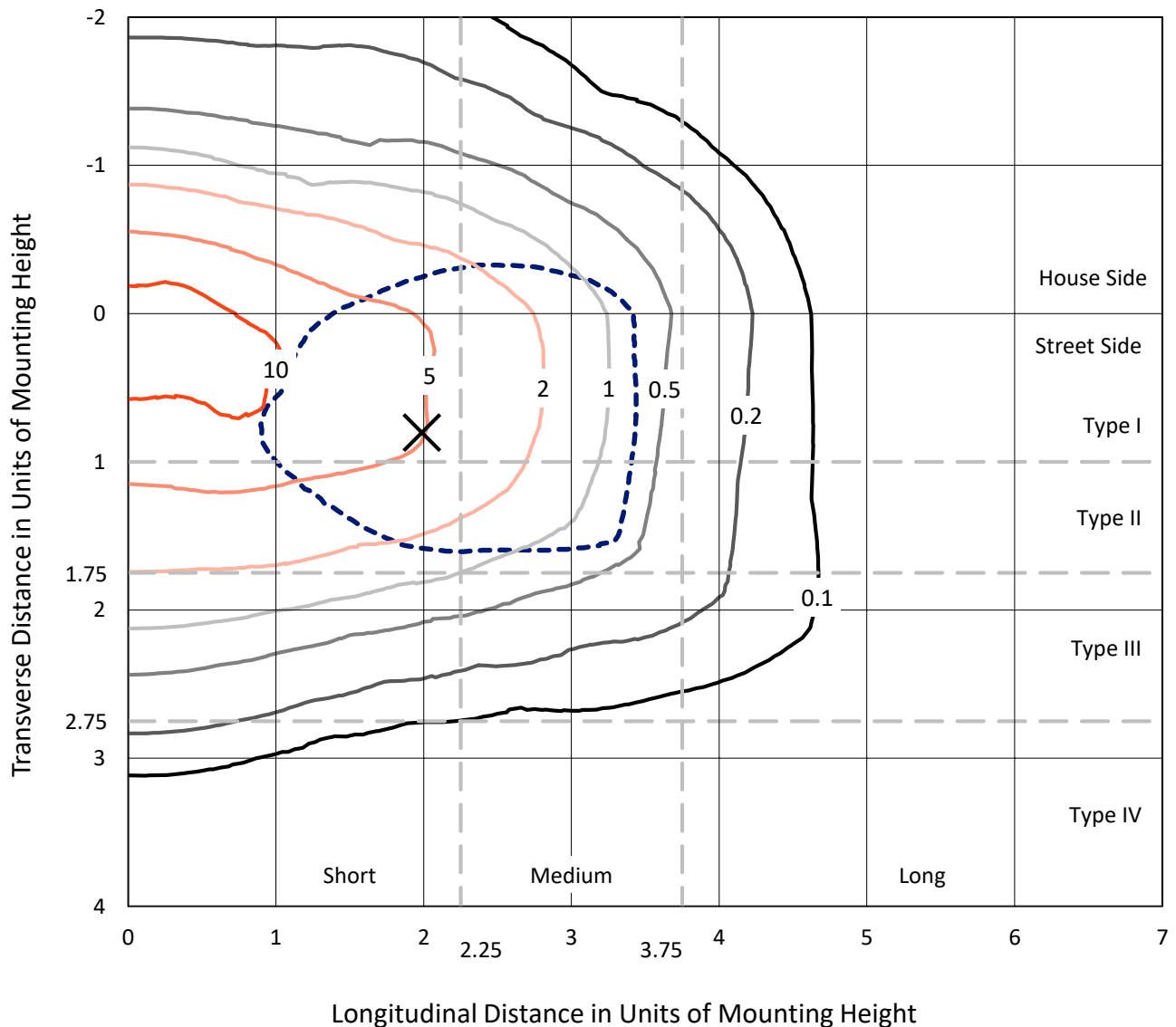
Input Watts (W): 71
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

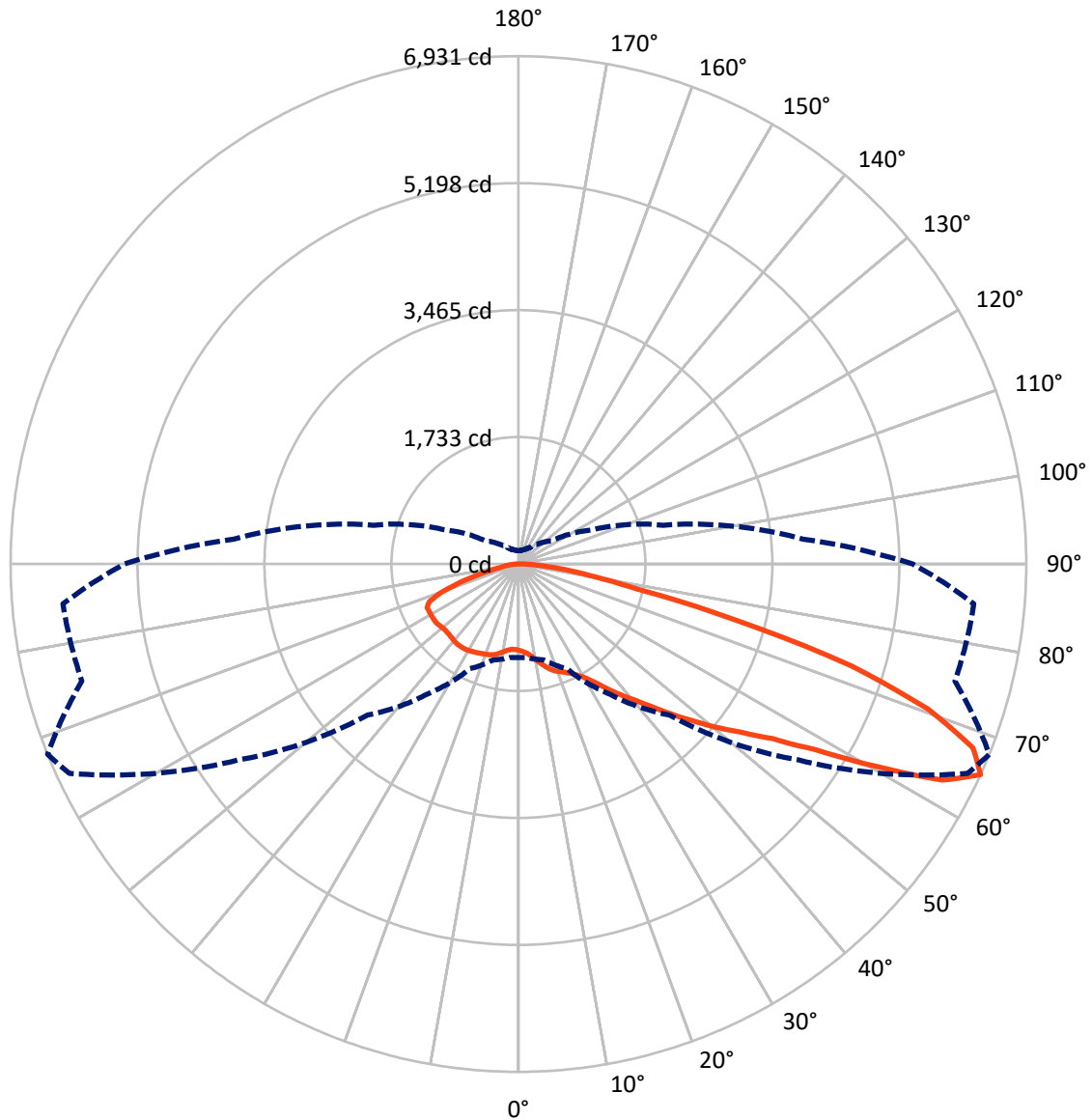
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 14.2 fc
 Type II - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 68-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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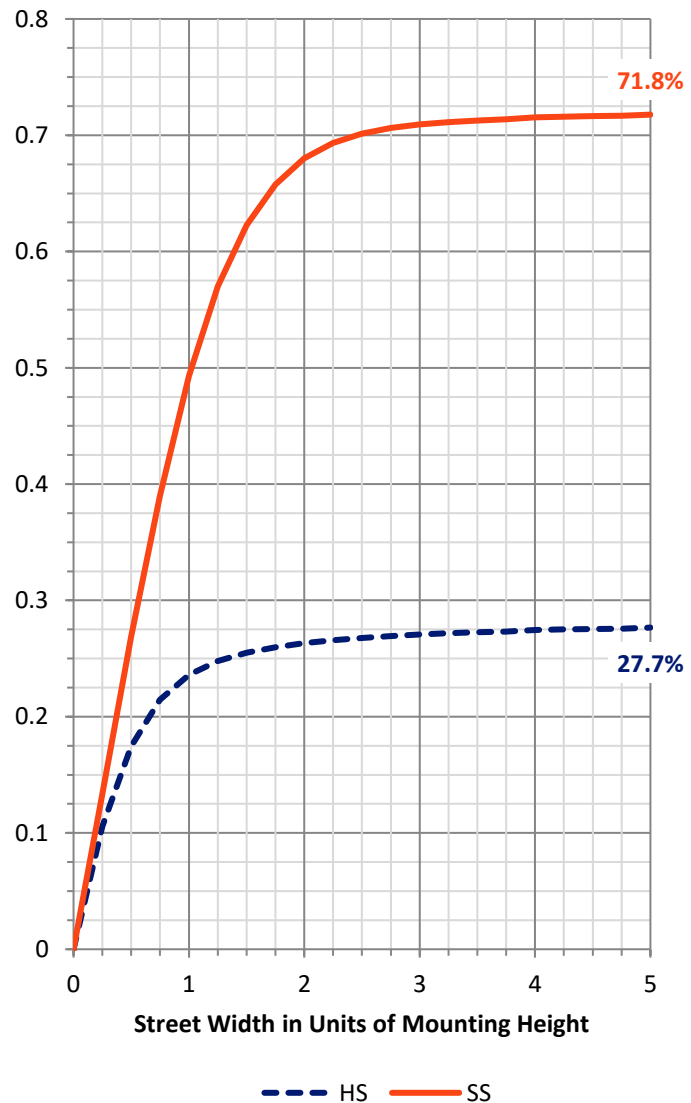
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 2413.1 | 2.3 | 2415.4 |
| | % Fixture | 28.0 | 0.0 | 28.0 |
| Street Side | Lumens | 6199.0 | 2.6 | 6201.6 |
| | % Fixture | 71.9 | 0.0 | 72.0 |
| Total | Lumens | 8612.1 | 4.9 | 8617.0 |
| | % Fixture | 99.9 | 0.1 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 116.3 | 1.3 |
| 10°-20° | 376.7 | 4.4 |
| 20°-30° | 640.1 | 7.4 |
| 30°-40° | 912.9 | 10.6 |
| 40°-50° | 1340.5 | 15.6 |
| 50°-60° | 1838.7 | 21.3 |
| 60°-70° | 2226.4 | 25.8 |
| 70°-80° | 1031.8 | 12.0 |
| 80°-90° | 128.8 | 1.5 |
| 90°-100° | 4.8 | 0.1 |
| 100°-110° | 0.1 | 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° | 8612.1 | 99.9 |
| 0°-180° | 8617.0 | 100.0 |



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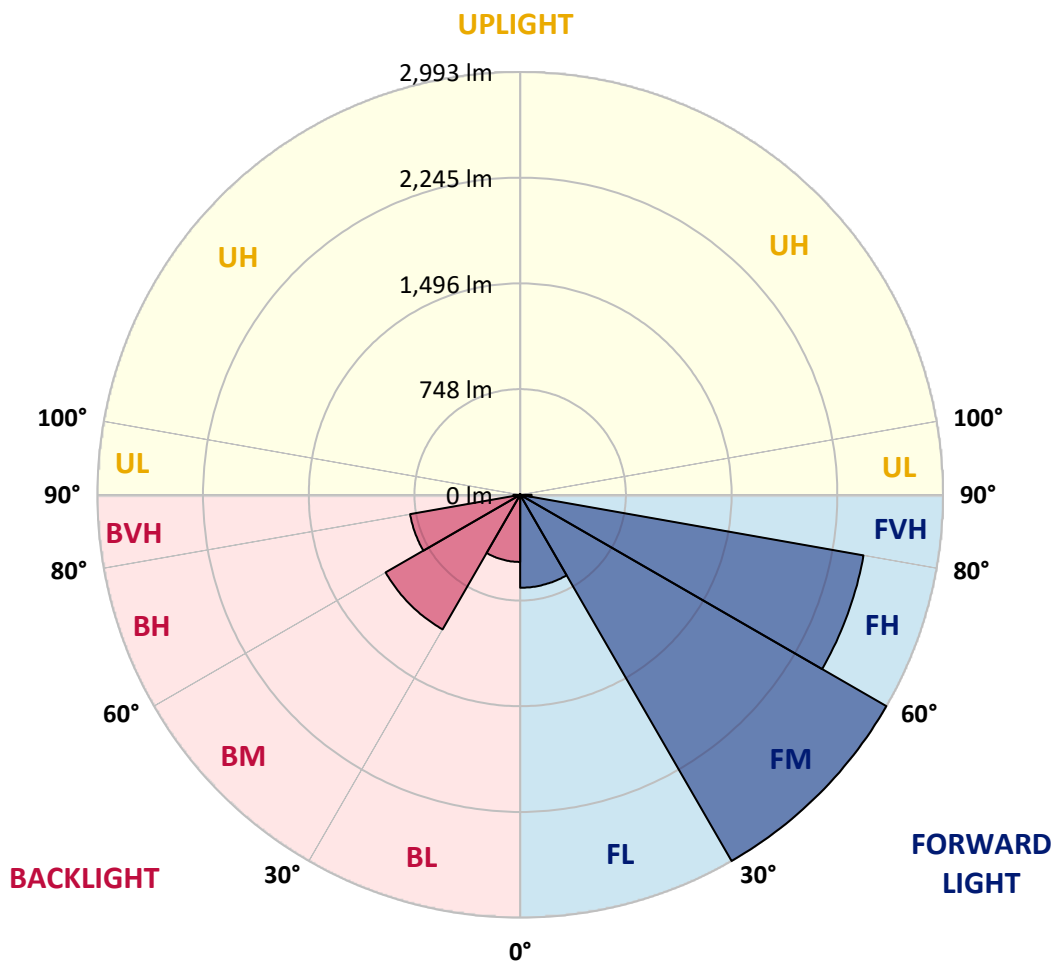
CATALOG NUMBER: MLN-B2-D-U-T2-XX

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|-------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 657.8 | 7.6 | | | |
| FM | (30°-60°) | 2992.7 | 34.7 | | | |
| FH | (60°-80°) | 2467.3 | 28.6 | | | G2/5000 |
| FVH | (80°-90°) | 81.3 | 0.9 | | | G1/100 |
| BL | (0°-30°) | 475.3 | 5.5 | B1/500 | | |
| BM | (30°-60°) | 1099.4 | 12.8 | B2/2500 | | |
| BH | (60°-80°) | 790.9 | 9.2 | B2/1000 | | G2/1000 |
| BVH | (80°-90°) | 47.5 | 0.6 | | | G1/100 |
| UL | (90°-100°) | 4.8 | 0.1 | | U1/10 | |
| UH | (100°-180°) | 2.3 | 0.0 | | U1/10 | |

BUG Rating: B2-U1-G2

Type II Short





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CATALOG NUMBER: MLN-B2-D-U-T2-XX

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 68° | 75° | 85° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1178.7 | 1178.7 | 1178.7 | 1178.7 | 1178.7 | 1178.7 | 1178.7 | 1178.7 | 1178.7 | 1178.7 | 1178.7 |
| 2.5° | 1244.7 | 1235.4 | 1223.7 | 1222.2 | 1209.0 | 1210.5 | 1205.9 | 1198.9 | 1196.6 | 1188.1 | 1175.6 |
| 5° | 1304.4 | 1292.0 | 1277.2 | 1272.6 | 1256.3 | 1256.3 | 1243.1 | 1229.2 | 1224.5 | 1213.6 | 1198.1 |
| 7.5° | 1374.9 | 1364.1 | 1347.0 | 1339.3 | 1317.6 | 1313.7 | 1293.5 | 1275.7 | 1268.7 | 1256.3 | 1236.9 |
| 10° | 1450.9 | 1442.4 | 1422.3 | 1415.3 | 1388.1 | 1382.7 | 1357.9 | 1336.9 | 1330.0 | 1312.9 | 1287.3 |
| 12.5° | 1520.0 | 1510.7 | 1494.4 | 1485.1 | 1462.6 | 1456.4 | 1429.2 | 1406.0 | 1397.4 | 1378.0 | 1348.6 |
| 15° | 1575.0 | 1564.2 | 1551.0 | 1547.1 | 1529.3 | 1530.0 | 1502.1 | 1475.8 | 1466.5 | 1444.0 | 1406.7 |
| 17.5° | 1610.7 | 1601.4 | 1591.3 | 1591.3 | 1583.6 | 1592.9 | 1568.8 | 1533.1 | 1523.8 | 1494.4 | 1451.7 |
| 20° | 1621.6 | 1616.1 | 1612.2 | 1623.1 | 1623.9 | 1645.6 | 1625.4 | 1580.5 | 1565.7 | 1531.6 | 1489.7 |
| 22.5° | 1616.1 | 1613.0 | 1616.1 | 1631.6 | 1649.5 | 1697.6 | 1678.2 | 1621.6 | 1603.7 | 1565.7 | 1532.4 |
| 25° | 1599.1 | 1596.7 | 1602.9 | 1627.8 | 1664.2 | 1741.0 | 1736.3 | 1672.7 | 1652.6 | 1611.5 | 1580.5 |
| 27.5° | 1569.6 | 1571.9 | 1585.1 | 1611.5 | 1674.3 | 1785.2 | 1803.8 | 1742.5 | 1717.7 | 1668.9 | 1637.1 |
| 30° | 1537.8 | 1541.7 | 1568.0 | 1607.6 | 1689.8 | 1841.0 | 1896.1 | 1831.7 | 1803.0 | 1748.7 | 1705.3 |
| 32.5° | 1502.1 | 1508.3 | 1550.2 | 1610.7 | 1727.0 | 1917.8 | 2015.5 | 1958.1 | 1930.2 | 1861.2 | 1797.6 |
| 35° | 1472.7 | 1479.6 | 1537.8 | 1633.2 | 1787.5 | 2015.5 | 2176.0 | 2124.8 | 2090.7 | 2013.2 | 1909.3 |
| 37.5° | 1491.3 | 1499.8 | 1565.7 | 1695.2 | 1886.0 | 2135.7 | 2327.2 | 2298.6 | 2262.9 | 2183.0 | 2047.3 |
| 40° | 1575.8 | 1587.4 | 1668.1 | 1834.8 | 2057.4 | 2306.3 | 2491.7 | 2467.6 | 2438.1 | 2382.3 | 2226.4 |
| 42.5° | 1664.2 | 1675.8 | 1778.2 | 2005.4 | 2304.8 | 2564.5 | 2701.0 | 2670.0 | 2656.1 | 2623.5 | 2457.5 |
| 45° | 1717.7 | 1737.1 | 1851.1 | 2139.6 | 2535.9 | 2861.6 | 2978.7 | 2901.1 | 2917.4 | 2925.9 | 2735.9 |
| 47.5° | 1754.2 | 1772.8 | 1890.6 | 2237.3 | 2709.6 | 3113.6 | 3302.0 | 3153.9 | 3195.0 | 3224.5 | 3010.5 |
| 50° | 1776.7 | 1795.3 | 1916.2 | 2296.2 | 2812.7 | 3274.9 | 3612.2 | 3449.4 | 3502.1 | 3507.5 | 3277.2 |
| 52.5° | 1778.2 | 1796.0 | 1910.8 | 2297.8 | 2832.9 | 3368.7 | 3848.0 | 3786.7 | 3817.7 | 3794.5 | 3581.2 |
| 55° | 1734.8 | 1751.1 | 1864.3 | 2226.4 | 2755.3 | 3391.2 | 4065.9 | 4200.1 | 4203.9 | 4172.9 | 4007.7 |
| 57.5° | 1670.4 | 1682.8 | 1788.3 | 2124.1 | 2643.6 | 3364.1 | 4290.0 | 4800.3 | 4777.8 | 4749.9 | 4680.9 |
| 60° | 1629.3 | 1637.1 | 1730.1 | 2041.1 | 2563.8 | 3273.3 | 4556.0 | 5630.1 | 5607.6 | 5459.5 | 5553.3 |
| 62.5° | 1524.6 | 1530.0 | 1625.4 | 1917.8 | 2490.9 | 3131.4 | 4701.8 | 6466.0 | 6494.0 | 5985.2 | 6103.9 |
| 65° | 1277.2 | 1279.6 | 1355.6 | 1578.1 | 2164.4 | 2913.5 | 4662.3 | 6762.3 | 6930.6 | 6167.5 | 6239.6 |
| 67.5° | 929.8 | 927.5 | 968.6 | 1106.6 | 1552.5 | 2507.2 | 4389.3 | 6338.9 | 6690.9 | 6290.8 | 6114.7 |
| 70° | 603.3 | 604.1 | 627.4 | 689.4 | 926.7 | 1761.1 | 3542.4 | 5570.4 | 5925.5 | 6089.2 | 5562.6 |
| 72.5° | 315.6 | 325.7 | 318.0 | 348.2 | 523.5 | 1007.4 | 2307.1 | 4592.5 | 4752.2 | 4917.4 | 4330.3 |
| 75° | 158.2 | 164.4 | 173.7 | 186.9 | 265.2 | 591.7 | 1349.4 | 3218.3 | 3080.3 | 2708.0 | 2477.7 |
| 77.5° | 117.1 | 121.8 | 131.8 | 139.6 | 166.0 | 338.9 | 937.6 | 1814.6 | 1666.5 | 1312.9 | 1181.1 |
| 80° | 83.0 | 88.4 | 105.5 | 113.2 | 123.3 | 163.6 | 608.0 | 1041.5 | 1052.3 | 795.7 | 392.4 |
| 82.5° | 46.5 | 56.6 | 76.8 | 87.6 | 89.2 | 103.1 | 246.6 | 652.2 | 677.8 | 437.4 | 141.9 |
| 85° | 23.3 | 34.9 | 55.1 | 65.9 | 59.7 | 64.4 | 121.8 | 313.3 | 335.0 | 245.8 | 77.5 |
| 87.5° | 1.6 | 20.9 | 38.0 | 45.0 | 41.1 | 41.1 | 57.4 | 141.9 | 146.6 | 128.7 | 44.2 |
| 90° | 0.0 | 12.4 | 23.3 | 27.1 | 23.3 | 20.2 | 23.3 | 45.8 | 49.6 | 38.0 | 9.3 |
| 92.5° | 0.0 | 4.7 | 10.9 | 10.1 | 7.8 | 4.7 | 3.9 | 2.3 | 1.6 | 0.8 | 0.8 |
| 95° | 0.0 | 0.8 | 2.3 | 1.6 | 1.6 | 0.8 | 0.8 | 0.8 | 0.8 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.0 | 0.8 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.8 | 0.0 | 0.0 | 0.8 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 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: MLN-B2-D-U-T2-XX

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 68° | 75° | 85° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 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):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1178.7 | 1178.7 | 1178.7 | 1178.7 | 1178.7 | 1178.7 | 1178.7 | 1178.7 | 1178.7 | 1178.7 | 1178.7 |
| 2.5° | 1174.9 | 1172.5 | 1168.7 | 1164.8 | 1162.5 | 1158.6 | 1147.0 | 1142.3 | 1145.4 | 1158.6 | 1160.9 |
| 5° | 1195.8 | 1191.2 | 1176.4 | 1164.0 | 1154.7 | 1145.4 | 1126.8 | 1118.3 | 1115.9 | 1126.8 | 1130.7 |
| 7.5° | 1229.9 | 1223.7 | 1200.5 | 1178.0 | 1157.8 | 1139.2 | 1110.5 | 1094.2 | 1088.0 | 1095.8 | 1098.9 |
| 10° | 1280.3 | 1267.9 | 1235.4 | 1200.5 | 1168.7 | 1137.6 | 1096.5 | 1070.2 | 1057.8 | 1062.4 | 1064.0 |
| 12.5° | 1336.2 | 1321.4 | 1278.0 | 1229.9 | 1184.2 | 1139.2 | 1082.6 | 1045.4 | 1027.5 | 1028.3 | 1029.1 |
| 15° | 1392.0 | 1371.8 | 1318.3 | 1258.6 | 1198.9 | 1140.7 | 1070.2 | 1022.1 | 995.0 | 993.4 | 993.4 |
| 17.5° | 1433.1 | 1410.6 | 1345.5 | 1275.7 | 1208.2 | 1139.2 | 1056.2 | 997.3 | 966.3 | 959.3 | 959.3 |
| 20° | 1471.1 | 1444.7 | 1364.1 | 1283.4 | 1206.7 | 1133.0 | 1038.4 | 970.9 | 931.4 | 921.3 | 922.8 |
| 22.5° | 1511.4 | 1478.1 | 1381.9 | 1291.2 | 1202.0 | 1122.1 | 1018.2 | 936.0 | 888.7 | 877.1 | 877.9 |
| 25° | 1555.6 | 1514.5 | 1402.1 | 1302.0 | 1201.2 | 1105.1 | 981.8 | 887.2 | 838.3 | 826.7 | 827.4 |
| 27.5° | 1607.6 | 1551.8 | 1420.7 | 1312.9 | 1194.3 | 1072.5 | 926.7 | 833.7 | 784.0 | 773.2 | 773.2 |
| 30° | 1669.6 | 1594.4 | 1445.5 | 1321.4 | 1171.8 | 1020.5 | 870.9 | 780.1 | 729.7 | 717.3 | 715.0 |
| 32.5° | 1743.3 | 1649.5 | 1481.2 | 1322.2 | 1131.4 | 956.2 | 815.0 | 728.2 | 677.8 | 662.3 | 661.5 |
| 35° | 1838.7 | 1720.8 | 1525.4 | 1309.8 | 1078.7 | 897.2 | 768.5 | 677.0 | 625.8 | 611.9 | 611.1 |
| 37.5° | 1954.2 | 1820.9 | 1577.3 | 1287.3 | 1026.0 | 846.8 | 715.8 | 625.0 | 569.2 | 552.1 | 551.4 |
| 40° | 2115.5 | 1950.4 | 1621.6 | 1259.4 | 978.7 | 800.3 | 661.5 | 563.8 | 507.2 | 490.9 | 488.6 |
| 42.5° | 2307.1 | 2092.3 | 1649.5 | 1232.3 | 943.0 | 746.0 | 595.6 | 498.6 | 447.5 | 438.2 | 435.8 |
| 45° | 2511.8 | 2235.0 | 1666.5 | 1212.1 | 911.2 | 680.9 | 521.1 | 441.3 | 400.2 | 390.8 | 388.5 |
| 47.5° | 2715.0 | 2361.4 | 1680.5 | 1203.6 | 870.9 | 600.2 | 459.1 | 397.1 | 361.4 | 352.8 | 350.5 |
| 50° | 2925.9 | 2473.0 | 1698.3 | 1202.0 | 812.7 | 521.9 | 408.7 | 359.1 | 325.7 | 314.8 | 311.7 |
| 52.5° | 3170.2 | 2599.4 | 1730.1 | 1206.7 | 729.7 | 466.8 | 373.8 | 321.1 | 287.7 | 275.3 | 272.2 |
| 55° | 3496.7 | 2771.6 | 1768.9 | 1210.5 | 636.7 | 433.5 | 344.3 | 283.8 | 250.5 | 238.1 | 235.0 |
| 57.5° | 3989.1 | 3019.0 | 1811.5 | 1195.0 | 570.0 | 414.1 | 314.1 | 249.7 | 221.8 | 211.7 | 210.9 |
| 60° | 4637.4 | 3348.6 | 1870.5 | 1167.9 | 536.6 | 400.2 | 288.5 | 227.2 | 207.1 | 197.0 | 195.4 |
| 62.5° | 5139.2 | 3664.2 | 1953.5 | 1132.2 | 532.0 | 390.1 | 273.7 | 219.5 | 199.3 | 186.9 | 186.1 |
| 65° | 5378.0 | 3901.5 | 2047.3 | 1096.5 | 549.0 | 389.3 | 273.7 | 220.2 | 197.0 | 183.0 | 180.7 |
| 67.5° | 5357.1 | 3942.6 | 2016.3 | 1026.8 | 547.5 | 392.4 | 283.1 | 223.3 | 199.3 | 182.2 | 179.9 |
| 70° | 4977.1 | 3715.4 | 1811.5 | 862.3 | 492.4 | 366.0 | 280.0 | 224.9 | 200.9 | 179.9 | 176.0 |
| 72.5° | 4097.7 | 3184.9 | 1475.0 | 629.7 | 407.9 | 312.5 | 257.5 | 219.5 | 194.6 | 173.7 | 169.8 |
| 75° | 2632.8 | 2258.2 | 1055.4 | 425.0 | 318.7 | 259.8 | 226.4 | 204.0 | 178.4 | 160.5 | 158.2 |
| 77.5° | 1156.3 | 1005.0 | 558.4 | 304.0 | 252.0 | 208.6 | 186.9 | 173.7 | 157.4 | 134.9 | 128.7 |
| 80° | 313.3 | 263.7 | 233.4 | 248.9 | 195.4 | 164.4 | 149.7 | 142.7 | 131.8 | 102.4 | 95.4 |
| 82.5° | 125.6 | 121.8 | 148.9 | 191.5 | 139.6 | 115.5 | 114.0 | 109.3 | 106.2 | 74.4 | 67.5 |
| 85° | 71.3 | 72.9 | 93.1 | 119.4 | 82.2 | 69.8 | 73.7 | 77.5 | 79.1 | 51.2 | 47.3 |
| 87.5° | 36.4 | 38.8 | 58.9 | 57.4 | 47.3 | 35.7 | 41.1 | 47.3 | 48.9 | 27.1 | 19.4 |
| 90° | 4.7 | 7.0 | 23.3 | 24.8 | 19.4 | 14.0 | 18.6 | 21.7 | 24.8 | 13.2 | 2.3 |
| 92.5° | 0.8 | 0.8 | 1.6 | 4.7 | 5.4 | 3.9 | 5.4 | 7.8 | 9.3 | 4.7 | 0.0 |
| 95° | 0.8 | 0.8 | 0.8 | 0.8 | 1.6 | 1.6 | 1.6 | 2.3 | 3.1 | 0.8 | 0.0 |
| 97.5° | 0.8 | 0.8 | 1.6 | 1.6 | 1.6 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.8 | 0.8 | 1.6 | 1.6 | 1.6 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 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):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|-----|-----|------|------|------|------|------|------|------|------|------|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)