

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: McGRAW-EDISON

Report Number: P436843

Luminaire Tested: **TT-D4-750-U-5CQ-PM-HSS**

Issue Date: 12/2/2020

Test Information

Test Method: LM-79-08
Report Number: P436843
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2010-017-3)
Test Lab: INNOVATION CENTER
Issue Date: 12/2/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: TT-D4-750-U-5CQ-PM-HSS
Description: TOPTIER LED SITE LUMINAIRE
5000K, 70 CRI LEDS AND CONCENTRATED DISTRIBUTION WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6330.1 lumens
Efficiency: N/A
Efficacy: 109.9 lumens/watt
Luminous Opening: Circular (Dia: 1.12' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U2 - G1

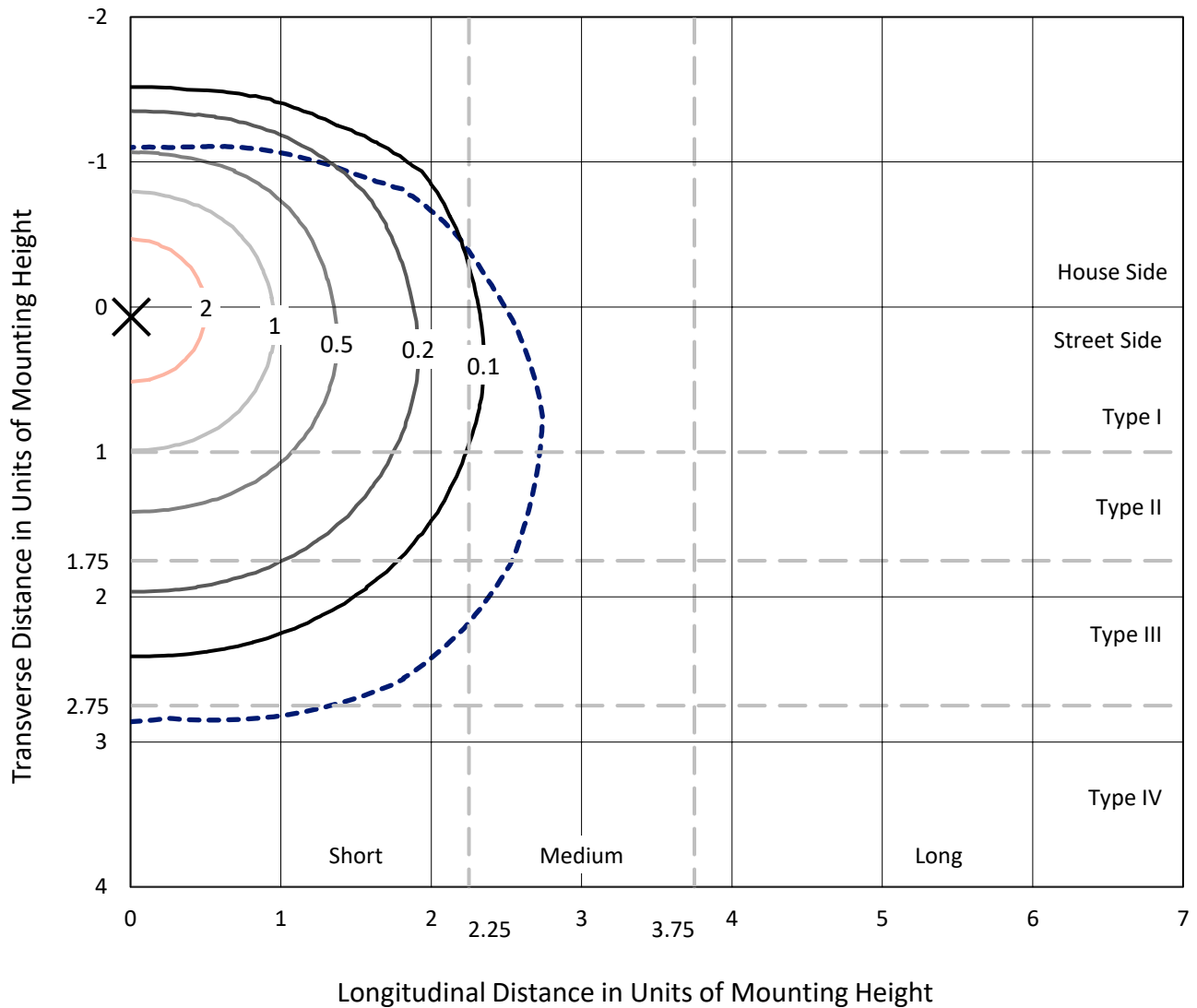
Input Watts (W): 57.6
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P436843
 CATALOG NUMBER: TT-D4-750-U-5CQ-PM-HSS

Iso-Footcandle Lines of Horizontal Illumination

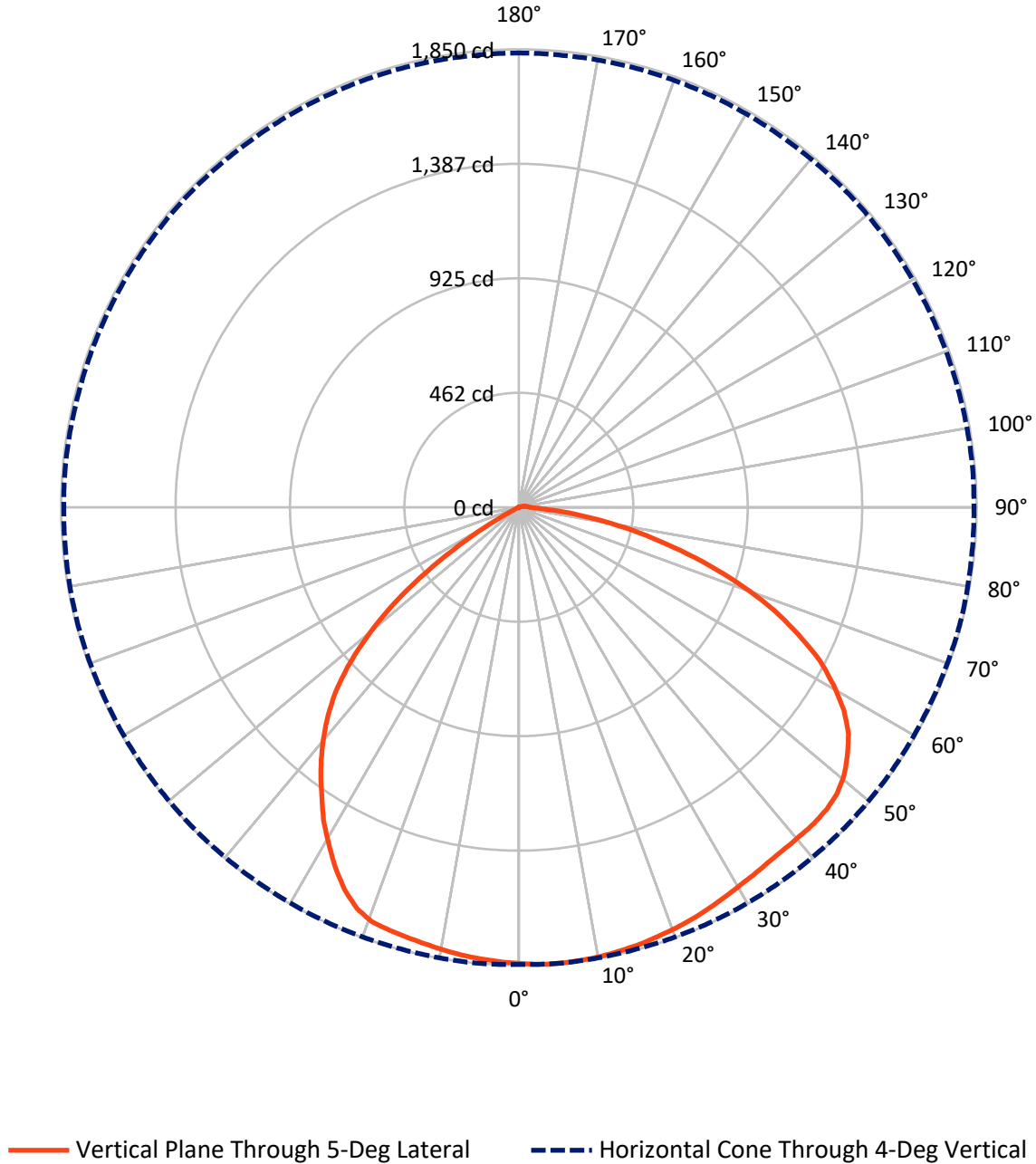
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.9 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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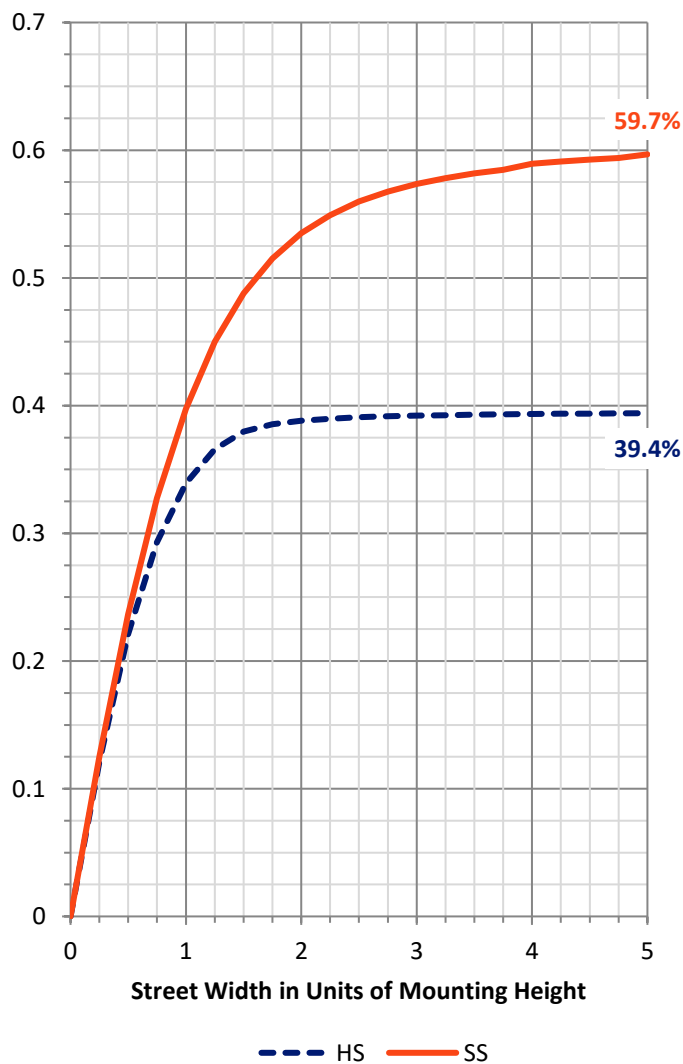
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 2508.5 | 3.3 | 2511.8 |
| | % Fixture | 39.6 | 0.1 | 39.7 |
| Street Side | Lumens | 3800.6 | 17.7 | 3818.3 |
| | % Fixture | 60.0 | 0.3 | 60.3 |
| Total | Lumens | 6309.1 | 20.9 | 6330.1 |
| | % Fixture | 99.7 | 0.3 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 175.2 | 2.8 |
| 10°-20° | 513.1 | 8.1 |
| 20°-30° | 808.5 | 12.8 |
| 30°-40° | 1029.0 | 16.3 |
| 40°-50° | 1188.4 | 18.8 |
| 50°-60° | 1163.7 | 18.4 |
| 60°-70° | 866.7 | 13.7 |
| 70°-80° | 469.4 | 7.4 |
| 80°-90° | 95.2 | 1.5 |
| 90°-100° | 12.1 | 0.2 |
| 100°-110° | 4.7 | 0.1 |
| 110°-120° | 1.4 | 0.0 |
| 120°-130° | 1.0 | 0.0 |
| 130°-140° | 0.8 | 0.0 |
| 140°-150° | 0.5 | 0.0 |
| 150°-160° | 0.3 | 0.0 |
| 160°-170° | 0.2 | 0.0 |
| 170°-180° | 0.1 | 0.0 |
| 0°-90° | 6309.1 | 99.7 |
| 0°-180° | 6330.1 | 100.0 |

Coefficient of Utilization

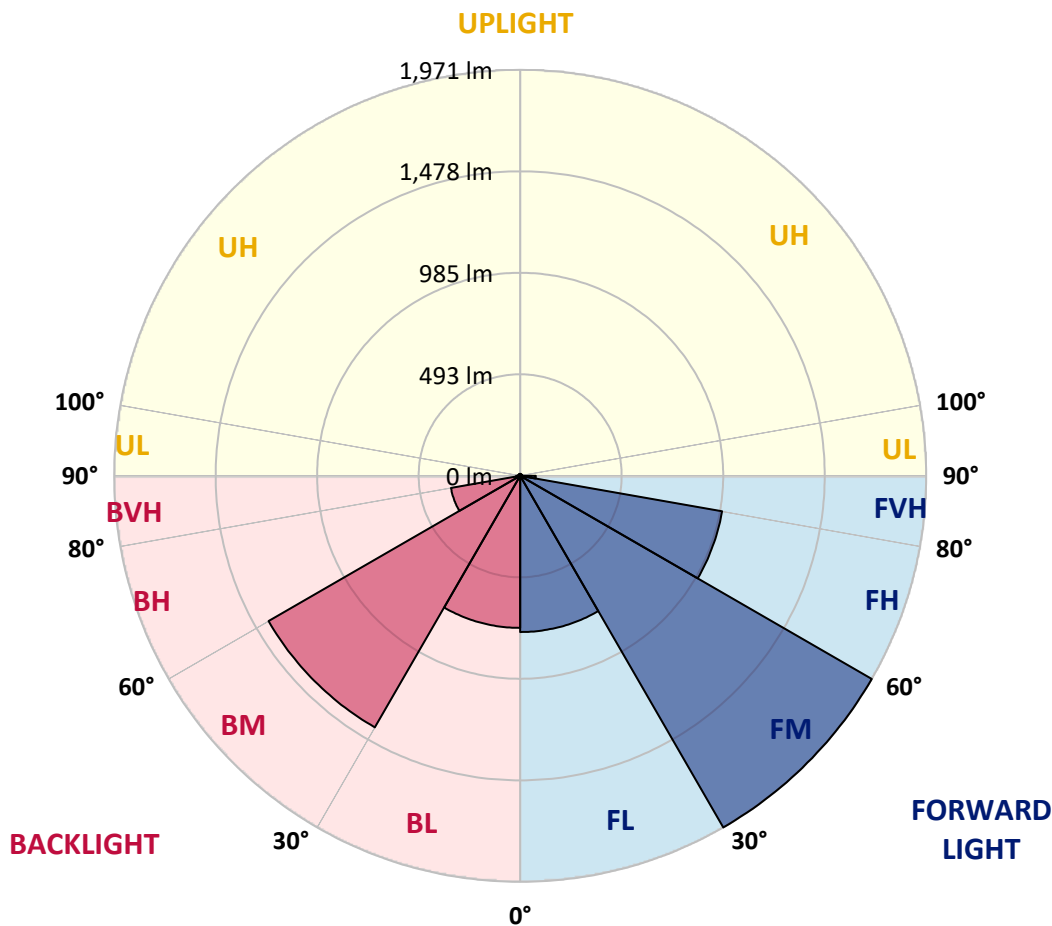


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|-------|---------|
| | | | B | U | G |
| FL (0°-30°) | 758.5 | 12.0 | | | |
| FM (30°-60°) | 1970.9 | 31.1 | | | |
| FH (60°-80°) | 995.2 | 15.7 | | | G1/1800 |
| FVH (80°-90°) | 76.0 | 1.2 | | | G1/100 |
| BL (0°-30°) | 738.3 | 11.7 | B2/1000 | | |
| BM (30°-60°) | 1410.2 | 22.3 | B2/2500 | | |
| BH (60°-80°) | 340.9 | 5.4 | B1/500 | | G1/500 |
| BVH (80°-90°) | 19.2 | 0.3 | | | G1/100 |
| UL (90°-100°) | 12.1 | 0.2 | | U2/50 | |
| UH (100°-180°) | 8.9 | 0.1 | | U1/10 | |

BUG Rating: B2-U2-G1
 Type IV Short





REPORT NUMBER: P436843

CATALOG NUMBER: TT-D4-750-U-5CQ-PM-HSS

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1843.7 | 1843.7 | 1843.7 | 1843.7 | 1843.7 | 1843.7 | 1843.7 | 1843.7 | 1843.7 | 1843.7 | 1843.7 |
| 2.5° | 1846.0 | 1848.4 | 1847.2 | 1847.2 | 1844.8 | 1846.0 | 1844.8 | 1844.8 | 1843.7 | 1842.5 | 1842.5 |
| 4° | 1847.2 | 1849.6 | 1847.2 | 1847.2 | 1846.0 | 1846.0 | 1844.8 | 1842.5 | 1843.7 | 1840.1 | 1838.9 |
| 5° | 1848.4 | 1849.6 | 1848.4 | 1848.4 | 1846.0 | 1844.8 | 1842.5 | 1842.5 | 1841.3 | 1838.9 | 1838.9 |
| 7.5° | 1846.0 | 1847.2 | 1847.2 | 1846.0 | 1843.7 | 1841.3 | 1840.1 | 1838.9 | 1837.7 | 1834.1 | 1834.1 |
| 10° | 1841.3 | 1843.7 | 1841.3 | 1841.3 | 1840.1 | 1837.7 | 1834.1 | 1832.9 | 1829.4 | 1827.0 | 1825.8 |
| 12.5° | 1836.5 | 1837.7 | 1836.5 | 1836.5 | 1834.1 | 1830.6 | 1829.4 | 1827.0 | 1822.2 | 1818.7 | 1818.7 |
| 15° | 1829.4 | 1831.8 | 1830.6 | 1829.4 | 1828.2 | 1824.6 | 1821.0 | 1817.5 | 1813.9 | 1810.3 | 1810.3 |
| 17.5° | 1821.0 | 1822.2 | 1823.4 | 1822.2 | 1819.9 | 1817.5 | 1813.9 | 1809.1 | 1805.6 | 1802.0 | 1800.8 |
| 20° | 1811.5 | 1813.9 | 1813.9 | 1813.9 | 1811.5 | 1809.1 | 1804.4 | 1799.6 | 1797.2 | 1792.5 | 1791.3 |
| 22.5° | 1802.0 | 1804.4 | 1803.2 | 1804.4 | 1803.2 | 1799.6 | 1794.9 | 1790.1 | 1785.3 | 1781.8 | 1779.4 |
| 25° | 1792.5 | 1792.5 | 1792.5 | 1792.5 | 1792.5 | 1787.7 | 1783.0 | 1777.0 | 1772.2 | 1766.3 | 1766.3 |
| 27.5° | 1780.6 | 1780.6 | 1781.8 | 1781.8 | 1780.6 | 1777.0 | 1771.1 | 1763.9 | 1756.8 | 1750.8 | 1748.4 |
| 30° | 1769.9 | 1768.7 | 1771.1 | 1773.4 | 1772.2 | 1768.7 | 1761.5 | 1753.2 | 1742.5 | 1734.2 | 1727.0 |
| 32.5° | 1756.8 | 1760.3 | 1762.7 | 1767.5 | 1768.7 | 1763.9 | 1755.6 | 1744.9 | 1734.2 | 1718.7 | 1705.6 |
| 35° | 1752.0 | 1752.0 | 1758.0 | 1765.1 | 1767.5 | 1765.1 | 1753.2 | 1741.3 | 1725.8 | 1703.2 | 1687.7 |
| 37.5° | 1747.2 | 1748.4 | 1758.0 | 1768.7 | 1772.2 | 1772.2 | 1759.2 | 1743.7 | 1722.3 | 1690.1 | 1671.1 |
| 40° | 1744.9 | 1747.2 | 1759.2 | 1774.6 | 1784.1 | 1783.0 | 1767.5 | 1748.4 | 1722.3 | 1680.6 | 1656.8 |
| 42.5° | 1742.5 | 1747.2 | 1760.3 | 1781.8 | 1796.0 | 1794.9 | 1778.2 | 1753.2 | 1719.9 | 1668.7 | 1641.3 |
| 45° | 1738.9 | 1742.5 | 1760.3 | 1787.7 | 1806.8 | 1810.3 | 1791.3 | 1759.2 | 1719.9 | 1658.0 | 1622.3 |
| 47.5° | 1728.2 | 1729.4 | 1753.2 | 1785.3 | 1813.9 | 1818.7 | 1799.6 | 1761.5 | 1715.1 | 1640.1 | 1598.5 |
| 50° | 1699.6 | 1703.2 | 1730.6 | 1773.4 | 1806.8 | 1813.9 | 1797.2 | 1755.6 | 1703.2 | 1610.4 | 1560.4 |
| 52.5° | 1662.7 | 1662.7 | 1696.1 | 1743.7 | 1784.1 | 1796.0 | 1780.6 | 1734.2 | 1673.5 | 1566.3 | 1509.2 |
| 55° | 1608.0 | 1616.3 | 1650.8 | 1700.8 | 1744.9 | 1761.5 | 1740.1 | 1694.9 | 1624.7 | 1510.4 | 1447.3 |
| 57.5° | 1546.1 | 1548.5 | 1584.2 | 1643.7 | 1688.9 | 1699.6 | 1681.8 | 1628.2 | 1560.4 | 1443.7 | 1368.8 |
| 60° | 1456.8 | 1461.6 | 1506.8 | 1559.2 | 1608.0 | 1622.3 | 1599.7 | 1546.1 | 1474.7 | 1358.0 | 1281.9 |
| 62.5° | 1358.0 | 1365.2 | 1405.7 | 1459.2 | 1505.6 | 1528.2 | 1500.9 | 1444.9 | 1374.7 | 1255.7 | 1189.0 |
| 65° | 1239.0 | 1241.4 | 1285.4 | 1346.1 | 1392.6 | 1400.9 | 1377.1 | 1322.3 | 1252.1 | 1137.9 | 1078.3 |
| 67.5° | 1102.1 | 1114.0 | 1156.9 | 1202.1 | 1242.6 | 1252.1 | 1235.5 | 1172.4 | 1116.4 | 1015.3 | 956.9 |
| 70° | 970.0 | 964.1 | 999.8 | 1045.0 | 1081.9 | 1090.2 | 1071.2 | 1012.9 | 960.5 | 865.3 | 820.1 |
| 72.5° | 810.5 | 805.8 | 843.9 | 878.4 | 914.1 | 909.3 | 890.3 | 843.9 | 798.6 | 717.7 | 676.0 |
| 75° | 649.9 | 645.1 | 674.9 | 704.6 | 722.5 | 724.8 | 711.8 | 677.2 | 628.4 | 565.4 | 533.2 |
| 77.5° | 492.8 | 497.5 | 510.6 | 535.6 | 552.3 | 559.4 | 536.8 | 502.3 | 471.3 | 422.5 | 398.7 |
| 80° | 351.1 | 352.3 | 357.1 | 374.9 | 386.8 | 386.8 | 376.1 | 348.7 | 314.2 | 279.7 | 267.8 |
| 82.5° | 221.4 | 226.1 | 226.1 | 244.0 | 244.0 | 234.5 | 229.7 | 211.9 | 194.0 | 166.6 | 150.0 |
| 85° | 121.4 | 119.0 | 126.2 | 127.4 | 126.2 | 119.0 | 111.9 | 101.2 | 89.3 | 70.2 | 63.1 |
| 87.5° | 53.6 | 52.4 | 52.4 | 52.4 | 51.2 | 46.4 | 39.3 | 30.9 | 21.4 | 13.1 | 9.5 |
| 90° | 41.7 | 41.7 | 40.5 | 38.1 | 34.5 | 30.9 | 25.0 | 19.0 | 11.9 | 4.8 | 2.4 |
| 92.5° | 38.1 | 38.1 | 36.9 | 35.7 | 32.1 | 28.6 | 22.6 | 16.7 | 10.7 | 4.8 | 2.4 |
| 95° | 33.3 | 32.1 | 32.1 | 29.8 | 27.4 | 23.8 | 20.2 | 14.3 | 9.5 | 3.6 | 2.4 |
| 97.5° | 27.4 | 26.2 | 26.2 | 25.0 | 22.6 | 19.0 | 16.7 | 11.9 | 8.3 | 3.6 | 2.4 |
| 100° | 20.2 | 21.4 | 20.2 | 19.0 | 17.9 | 15.5 | 13.1 | 9.5 | 6.0 | 2.4 | 2.4 |
| 102.5° | 15.5 | 15.5 | 14.3 | 14.3 | 13.1 | 11.9 | 9.5 | 7.1 | 4.8 | 2.4 | 1.2 |
| 105° | 10.7 | 10.7 | 10.7 | 9.5 | 9.5 | 8.3 | 7.1 | 4.8 | 3.6 | 2.4 | 1.2 |
| 107.5° | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 4.8 | 3.6 | 2.4 | 1.2 | 1.2 |



REPORT NUMBER: P436843
 CATALOG NUMBER: TT-D4-750-U-5CQ-PM-HSS

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 110° | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 2.4 | 2.4 | 1.2 | 1.2 | 1.2 |
| 112.5° | 1.2 | 1.2 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 1.2 | 1.2 | 1.2 | 1.2 |
| 115° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 117.5° | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 120° | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 122.5° | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 125° | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 127.5° | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 130° | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 145° | 1.2 | 1.2 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 147.5° | 1.2 | 1.2 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 150° | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 180° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |



REPORT NUMBER: P436843

CATALOG NUMBER: TT-D4-750-U-5CQ-PM-HSS

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1843.7 | 1843.7 | 1843.7 | 1843.7 | 1843.7 | 1843.7 | 1843.7 | 1843.7 | 1843.7 | 1843.7 |
| 2.5° | 1841.3 | 1837.7 | 1840.1 | 1838.9 | 1840.1 | 1837.7 | 1837.7 | 1837.7 | 1838.9 | 1836.5 |
| 4° | 1840.1 | 1837.7 | 1837.7 | 1837.7 | 1837.7 | 1835.3 | 1835.3 | 1835.3 | 1834.1 | 1835.3 |
| 5° | 1837.7 | 1836.5 | 1835.3 | 1834.1 | 1835.3 | 1832.9 | 1831.8 | 1831.8 | 1831.8 | 1832.9 |
| 7.5° | 1832.9 | 1829.4 | 1829.4 | 1825.8 | 1827.0 | 1825.8 | 1824.6 | 1825.8 | 1824.6 | 1824.6 |
| 10° | 1824.6 | 1822.2 | 1821.0 | 1818.7 | 1818.7 | 1816.3 | 1815.1 | 1815.1 | 1815.1 | 1813.9 |
| 12.5° | 1816.3 | 1813.9 | 1812.7 | 1810.3 | 1809.1 | 1806.8 | 1805.6 | 1806.8 | 1804.4 | 1804.4 |
| 15° | 1806.8 | 1804.4 | 1803.2 | 1803.2 | 1800.8 | 1798.4 | 1797.2 | 1794.9 | 1794.9 | 1794.9 |
| 17.5° | 1798.4 | 1796.0 | 1797.2 | 1794.9 | 1793.7 | 1791.3 | 1791.3 | 1786.5 | 1786.5 | 1785.3 |
| 20° | 1790.1 | 1787.7 | 1787.7 | 1786.5 | 1786.5 | 1784.1 | 1780.6 | 1778.2 | 1777.0 | 1777.0 |
| 22.5° | 1779.4 | 1775.8 | 1769.9 | 1761.5 | 1756.8 | 1753.2 | 1752.0 | 1748.4 | 1747.2 | 1744.9 |
| 25° | 1762.7 | 1753.2 | 1740.1 | 1725.8 | 1711.5 | 1704.4 | 1702.0 | 1697.3 | 1697.3 | 1697.3 |
| 27.5° | 1742.5 | 1724.6 | 1706.8 | 1685.4 | 1663.9 | 1649.7 | 1640.1 | 1635.4 | 1633.0 | 1633.0 |
| 30° | 1716.3 | 1693.7 | 1668.7 | 1641.3 | 1617.5 | 1591.3 | 1574.7 | 1565.1 | 1560.4 | 1561.6 |
| 32.5° | 1692.5 | 1663.9 | 1635.4 | 1600.9 | 1568.7 | 1537.8 | 1509.2 | 1494.9 | 1489.0 | 1486.6 |
| 35° | 1668.7 | 1636.6 | 1602.0 | 1565.1 | 1523.5 | 1478.3 | 1440.2 | 1418.7 | 1406.8 | 1408.0 |
| 37.5° | 1650.8 | 1612.8 | 1574.7 | 1529.4 | 1481.8 | 1427.1 | 1378.3 | 1343.8 | 1329.5 | 1331.9 |
| 40° | 1631.8 | 1588.9 | 1547.3 | 1494.9 | 1439.0 | 1373.5 | 1310.4 | 1264.0 | 1247.4 | 1243.8 |
| 42.5° | 1613.9 | 1564.0 | 1516.3 | 1460.4 | 1390.2 | 1316.4 | 1239.0 | 1184.3 | 1159.3 | 1155.7 |
| 45° | 1591.3 | 1535.4 | 1484.2 | 1419.9 | 1342.6 | 1250.9 | 1160.5 | 1089.1 | 1062.9 | 1052.2 |
| 47.5° | 1561.6 | 1499.7 | 1442.6 | 1368.8 | 1284.3 | 1180.7 | 1067.6 | 979.6 | 946.2 | 937.9 |
| 50° | 1517.5 | 1446.1 | 1387.8 | 1304.5 | 1202.1 | 1087.9 | 961.7 | 853.4 | 809.4 | 803.4 |
| 52.5° | 1459.2 | 1386.6 | 1321.1 | 1225.9 | 1101.0 | 966.5 | 823.6 | 711.8 | 660.6 | 657.0 |
| 55° | 1389.0 | 1310.4 | 1239.0 | 1131.9 | 985.5 | 829.6 | 680.8 | 539.2 | 489.2 | 483.2 |
| 57.5° | 1306.9 | 1225.9 | 1148.6 | 1016.5 | 847.4 | 673.7 | 501.1 | 365.4 | 317.8 | 305.9 |
| 60° | 1216.4 | 1133.1 | 1046.2 | 885.5 | 661.8 | 477.3 | 303.5 | 194.0 | 158.3 | 146.4 |
| 62.5° | 1128.3 | 1037.9 | 946.2 | 729.6 | 453.5 | 272.6 | 138.1 | 55.9 | 35.7 | 34.5 |
| 65° | 1024.8 | 939.1 | 845.1 | 588.0 | 286.8 | 122.6 | 40.5 | 1.2 | 0.0 | 0.0 |
| 67.5° | 904.6 | 832.0 | 748.7 | 526.1 | 253.5 | 107.1 | 34.5 | 1.2 | 0.0 | 0.0 |
| 70° | 776.0 | 718.9 | 645.1 | 452.3 | 217.8 | 90.5 | 29.8 | 0.0 | 0.0 | 0.0 |
| 72.5° | 640.3 | 591.5 | 536.8 | 376.1 | 180.9 | 75.0 | 23.8 | 0.0 | 0.0 | 0.0 |
| 75° | 502.3 | 471.3 | 422.5 | 297.6 | 140.4 | 57.1 | 17.9 | 0.0 | 0.0 | 0.0 |
| 77.5° | 372.5 | 347.5 | 311.8 | 219.0 | 105.9 | 41.7 | 13.1 | 0.0 | 0.0 | 0.0 |
| 80° | 251.1 | 232.1 | 211.9 | 148.8 | 71.4 | 27.4 | 8.3 | 0.0 | 0.0 | 0.0 |
| 82.5° | 146.4 | 132.1 | 119.0 | 84.5 | 39.3 | 15.5 | 3.6 | 0.0 | 0.0 | 0.0 |
| 85° | 59.5 | 54.8 | 52.4 | 35.7 | 15.5 | 4.8 | 1.2 | 0.0 | 0.0 | 0.0 |
| 87.5° | 7.1 | 6.0 | 6.0 | 3.6 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90° | 1.2 | 1.2 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.5° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 0.0 |
| 100° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 102.5° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 105° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 107.5° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |



REPORT NUMBER: P436843
 CATALOG NUMBER: TT-D4-750-U-5CQ-PM-HSS

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|-----|------|------|------|------|------|------|------|------|------|
| 110° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 112.5° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 115° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 117.5° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 120° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 122.5° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 125° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 127.5° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 130° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 132.5° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 135° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 137.5° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 0.0 | 0.0 |
| 140° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 0.0 | 0.0 |
| 142.5° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 0.0 | 0.0 | 0.0 |
| 145° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 0.0 | 0.0 | 0.0 | 1.2 |
| 150° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |

(END OF REPORT)