

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: P690979

Luminaire Tested: **CRTK2-C01-D-U-T3-8027-SR-CARETAKER-HSS-CRTK2**

Issue Date: 6/13/2023

**Test Information**

Test Method: LM-79-08  
Report Number: P690979  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-903-14)  
Test Lab: INNOVATION CENTER  
Issue Date: 6/13/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: CRTK2-C01-D-U-T3-8027-SR-CARETAKER-HSS-CRTK2  
Description: CARETAKER AREA AND ROADWAY LUMINAIRE  
(1) 80 CRI, 2700K LED WITH TYPE III OPTIC AND SR REFRACTOR WITH HOUSE  
SIDE SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6608 lumens  
Efficiency: N/A  
Efficacy: 108.3 lumens/watt  
Luminous Opening: Vertical Cylinder (Dia: 0.33' x H: 0.29')  
IES Classification: Type IV - Short  
BUG Rating: B2 - U3 - G2

Input Watts (W): 61  
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: 24 FT

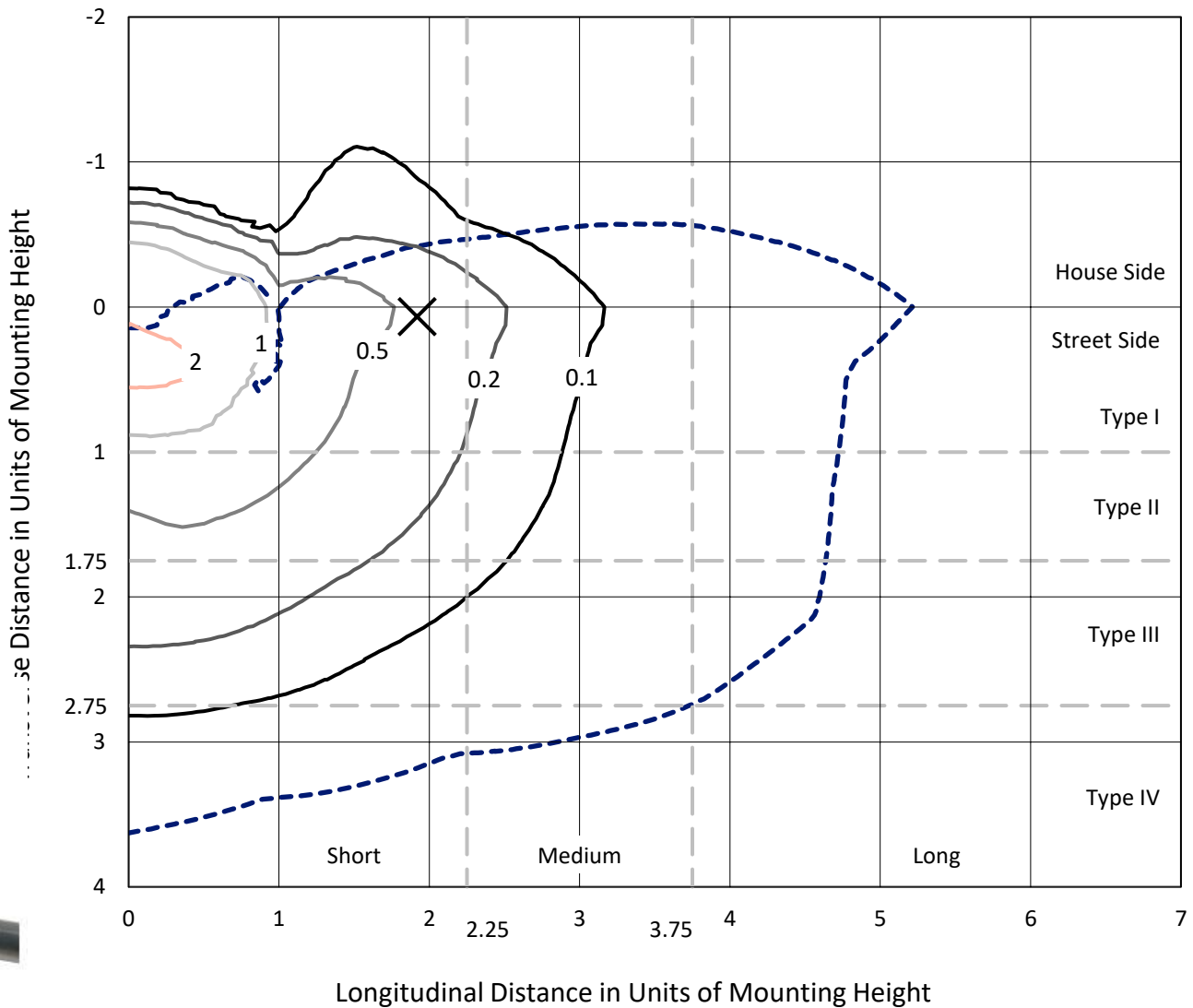


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## Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd  
 --- 1/2 Max cd

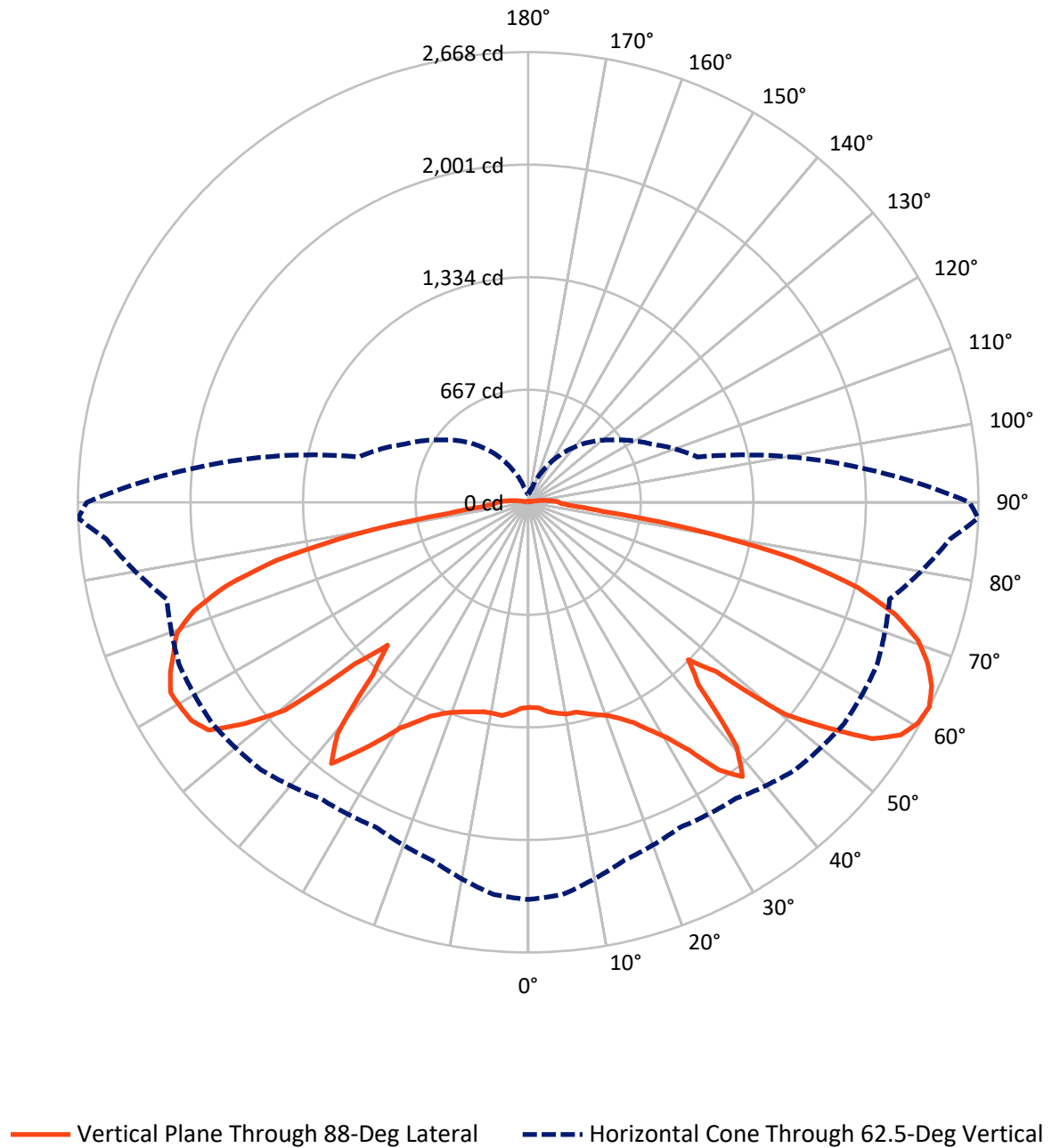


Based on 25 foot mounting height. Maximum calculated value = 2.1 fc  
 Type IV - Short - N/A

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## Luminous Intensity Polar Plot



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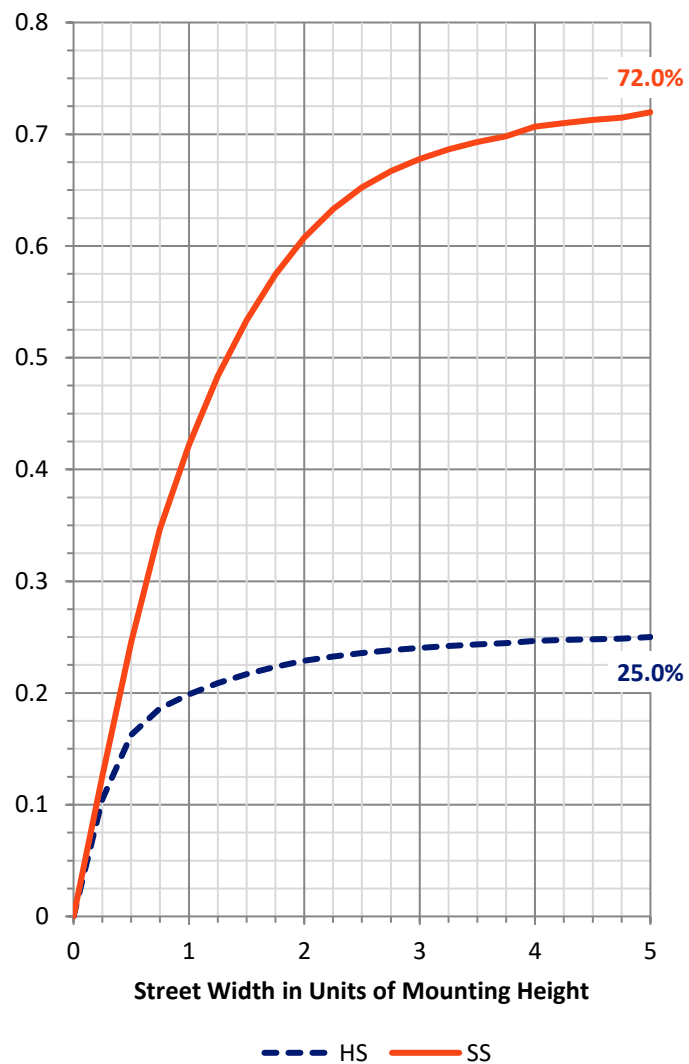
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1681.1   | 31.7   | 1712.8 |
|                    | % Fixture | 25.4     | 0.5    | 25.9   |
| <b>Street Side</b> | Lumens    | 4817.1   | 78.1   | 4895.2 |
|                    | % Fixture | 72.9     | 1.2    | 74.1   |
| <b>Total</b>       | Lumens    | 6498.2   | 109.8  | 6608.0 |
|                    | % Fixture | 98.3     | 1.7    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 119.8  | 1.8       |
| 10°-20°   | 365.7  | 5.5       |
| 20°-30°   | 619.3  | 9.4       |
| 30°-40°   | 854.9  | 12.9      |
| 40°-50°   | 739.4  | 11.2      |
| 50°-60°   | 1070.5 | 16.2      |
| 60°-70°   | 1401.2 | 21.2      |
| 70°-80°   | 1062.4 | 16.1      |
| 80°-90°   | 265.0  | 4.0       |
| 90°-100°  | 78.0   | 1.2       |
| 100°-110° | 18.1   | 0.3       |
| 110°-120° | 8.1    | 0.1       |
| 120°-130° | 5.2    | 0.1       |
| 130°-140° | 0.5    | 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°    | 6498.2 | 98.3      |
| 0°-180°   | 6608.0 | 100.0     |

**Coefficient of Utilization**



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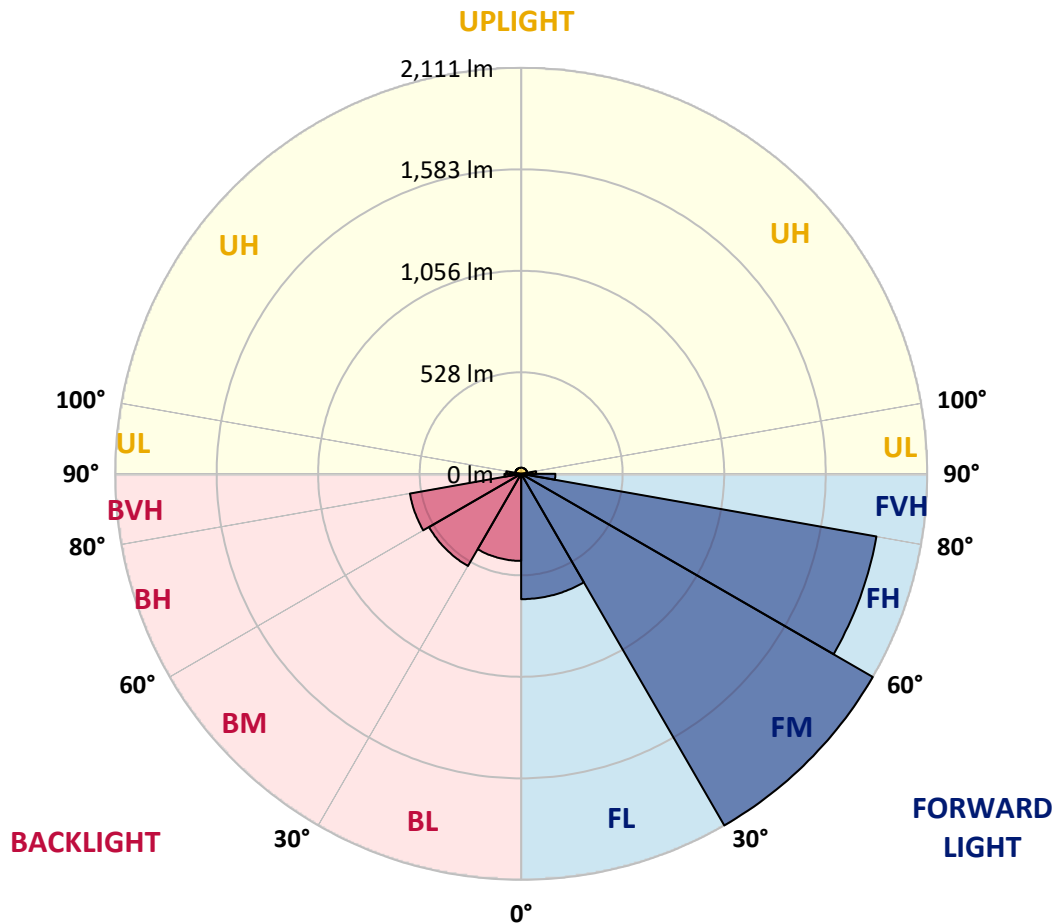
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |        |         |
|------|-------------|--------|-----------|-------------------------|--------|---------|
|      |             |        |           | B                       | U      | G       |
| FL   | (0°-30°)    | 651.9  | 9.9       |                         |        |         |
| FM   | (30°-60°)   | 2111.2 | 31.9      |                         |        |         |
| FH   | (60°-80°)   | 1875.9 | 28.4      |                         |        | G2/5000 |
| FVH  | (80°-90°)   | 178.0  | 2.7       |                         |        | G2/225  |
| BL   | (0°-30°)    | 452.8  | 6.9       | B1/500                  |        |         |
| BM   | (30°-60°)   | 553.5  | 8.4       | B1/1000                 |        |         |
| BH   | (60°-80°)   | 587.8  | 8.9       | B2/1000                 |        | G2/1000 |
| BVH  | (80°-90°)   | 87.0   | 1.3       |                         |        | G1/100  |
| UL   | (90°-100°)  | 78.0   | 1.2       |                         | U3/500 |         |
| UH   | (100°-180°) | 31.9   | 0.5       |                         | U2/50  |         |

**BUG Rating: B2-U3-G2**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    | 88°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1215.2 | 1215.2 | 1215.2 | 1215.2 | 1215.2 | 1215.2 | 1215.2 | 1215.2 | 1215.2 | 1215.2 | 1215.2 |
| 2.5°   | 1202.5 | 1202.5 | 1200.0 | 1202.5 | 1207.6 | 1212.7 | 1207.6 | 1210.1 | 1212.7 | 1217.7 | 1220.2 |
| 5°     | 1248.1 | 1245.6 | 1240.5 | 1235.4 | 1230.4 | 1230.4 | 1225.3 | 1222.8 | 1227.8 | 1243.0 | 1248.1 |
| 7.5°   | 1286.1 | 1278.5 | 1273.4 | 1275.9 | 1268.4 | 1255.7 | 1245.6 | 1240.5 | 1235.4 | 1255.7 | 1263.3 |
| 10°    | 1346.8 | 1341.8 | 1324.0 | 1308.9 | 1298.7 | 1278.5 | 1255.7 | 1253.2 | 1250.6 | 1270.9 | 1275.9 |
| 12.5°  | 1407.6 | 1402.5 | 1392.4 | 1377.2 | 1344.3 | 1326.6 | 1291.1 | 1275.9 | 1273.4 | 1286.1 | 1275.9 |
| 15°    | 1496.2 | 1486.1 | 1458.2 | 1443.0 | 1410.1 | 1382.3 | 1339.2 | 1316.5 | 1321.5 | 1303.8 | 1298.7 |
| 17.5°  | 1546.8 | 1541.8 | 1539.2 | 1516.5 | 1491.1 | 1443.0 | 1402.5 | 1369.6 | 1379.7 | 1339.2 | 1324.0 |
| 20°    | 1602.5 | 1600.0 | 1605.1 | 1607.6 | 1574.7 | 1531.6 | 1481.0 | 1430.4 | 1432.9 | 1379.7 | 1349.4 |
| 22.5°  | 1673.4 | 1665.8 | 1675.9 | 1688.6 | 1660.8 | 1625.3 | 1559.5 | 1519.0 | 1498.7 | 1427.8 | 1392.4 |
| 25°    | 1757.0 | 1754.4 | 1754.4 | 1777.2 | 1772.1 | 1724.0 | 1660.8 | 1615.2 | 1594.9 | 1498.7 | 1445.6 |
| 27.5°  | 1843.0 | 1845.6 | 1850.6 | 1865.8 | 1873.4 | 1845.6 | 1784.8 | 1744.3 | 1706.3 | 1579.7 | 1526.6 |
| 30°    | 1898.7 | 1898.7 | 1934.2 | 1957.0 | 1967.1 | 1967.1 | 1893.7 | 1863.3 | 1825.3 | 1683.5 | 1617.7 |
| 32.5°  | 1967.1 | 1972.1 | 2005.1 | 2043.0 | 2058.2 | 2078.5 | 2017.7 | 1994.9 | 1962.0 | 1812.7 | 1751.9 |
| 35°    | 2015.2 | 2022.8 | 2073.4 | 2131.6 | 2172.1 | 2182.3 | 2146.8 | 2157.0 | 2141.8 | 1982.3 | 1949.4 |
| 37.5°  | 1805.1 | 1825.3 | 1901.3 | 2015.2 | 2124.0 | 2230.4 | 2268.3 | 2319.0 | 2326.6 | 2141.8 | 2063.3 |
| 40°    | 1572.1 | 1579.7 | 1665.8 | 1749.4 | 1883.5 | 1969.6 | 2065.8 | 2177.2 | 2116.4 | 1916.4 | 1901.3 |
| 42.5°  | 1394.9 | 1427.8 | 1546.8 | 1610.1 | 1713.9 | 1734.2 | 1686.1 | 1615.2 | 1506.3 | 1488.6 | 1481.0 |
| 45°    | 1364.6 | 1397.5 | 1516.5 | 1620.2 | 1670.9 | 1422.8 | 1288.6 | 1194.9 | 1238.0 | 1344.3 | 1331.6 |
| 47.5°  | 1506.3 | 1546.8 | 1670.9 | 1789.9 | 1686.1 | 1410.1 | 1321.5 | 1319.0 | 1283.5 | 1465.8 | 1498.7 |
| 50°    | 1592.4 | 1625.3 | 1769.6 | 1767.1 | 1683.5 | 1549.4 | 1597.5 | 1544.3 | 1481.0 | 1792.4 | 1977.2 |
| 52.5°  | 1635.4 | 1665.8 | 1716.5 | 1779.7 | 1787.3 | 1777.2 | 1789.9 | 1746.8 | 1650.6 | 2081.0 | 2220.2 |
| 55°    | 1516.5 | 1592.4 | 1812.7 | 1921.5 | 1967.1 | 1939.2 | 1946.8 | 1916.4 | 1853.2 | 2260.8 | 2473.4 |
| 57.5°  | 1898.7 | 1939.2 | 2020.2 | 2048.1 | 2075.9 | 2063.3 | 2073.4 | 2063.3 | 2005.1 | 2394.9 | 2602.5 |
| 60°    | 2119.0 | 2119.0 | 2154.4 | 2108.9 | 2124.0 | 2167.1 | 2197.5 | 2197.5 | 2136.7 | 2493.7 | 2655.7 |
| 62.5°  | 2354.4 | 2334.2 | 2197.5 | 2126.6 | 2144.3 | 2240.5 | 2286.1 | 2281.0 | 2217.7 | 2508.9 | 2668.3 |
| 65°    | 2308.9 | 2273.4 | 2225.3 | 2070.9 | 2091.1 | 2225.3 | 2288.6 | 2286.1 | 2220.2 | 2453.2 | 2627.8 |
| 67.5°  | 1969.6 | 2002.5 | 2060.8 | 2048.1 | 1997.5 | 2151.9 | 2250.6 | 2255.7 | 2179.7 | 2359.5 | 2554.4 |
| 70°    | 1706.3 | 1726.6 | 1762.0 | 1868.3 | 1891.1 | 2050.6 | 2207.6 | 2230.4 | 2129.1 | 2250.6 | 2450.6 |
| 72.5°  | 1486.1 | 1498.7 | 1470.9 | 1579.7 | 1660.8 | 1870.9 | 2055.7 | 2098.7 | 1994.9 | 2063.3 | 2275.9 |
| 75°    | 1270.9 | 1243.0 | 1210.1 | 1258.2 | 1321.5 | 1544.3 | 1769.6 | 1855.7 | 1764.6 | 1807.6 | 2017.7 |
| 77.5°  | 987.3  | 946.8  | 913.9  | 926.6  | 984.8  | 1177.2 | 1394.9 | 1531.6 | 1450.6 | 1448.1 | 1615.2 |
| 80°    | 673.4  | 638.0  | 615.2  | 610.1  | 653.2  | 772.1  | 929.1  | 1091.1 | 1020.2 | 951.9  | 1025.3 |
| 82.5°  | 420.3  | 420.3  | 400.0  | 369.6  | 367.1  | 389.9  | 420.3  | 460.8  | 435.4  | 425.3  | 448.1  |
| 85°    | 263.3  | 265.8  | 255.7  | 222.8  | 215.2  | 220.3  | 235.4  | 245.6  | 238.0  | 245.6  | 253.2  |
| 87.5°  | 184.8  | 182.3  | 169.6  | 164.6  | 162.0  | 169.6  | 182.3  | 187.3  | 187.3  | 194.9  | 194.9  |
| 90°    | 139.2  | 139.2  | 131.6  | 129.1  | 129.1  | 136.7  | 149.4  | 159.5  | 167.1  | 179.7  | 179.7  |
| 92.5°  | 116.5  | 116.5  | 111.4  | 108.9  | 108.9  | 111.4  | 121.5  | 134.2  | 141.8  | 154.4  | 149.4  |
| 95°    | 96.2   | 96.2   | 93.7   | 93.7   | 93.7   | 96.2   | 101.3  | 108.9  | 111.4  | 111.4  | 111.4  |
| 97.5°  | 75.9   | 73.4   | 70.9   | 70.9   | 70.9   | 73.4   | 75.9   | 83.5   | 86.1   | 78.5   | 78.5   |
| 100°   | 53.2   | 50.6   | 48.1   | 50.6   | 50.6   | 50.6   | 53.2   | 55.7   | 55.7   | 50.6   | 48.1   |
| 102.5° | 32.9   | 32.9   | 32.9   | 32.9   | 30.4   | 30.4   | 30.4   | 30.4   | 27.8   | 25.3   | 25.3   |
| 105°   | 22.8   | 22.8   | 20.3   | 20.3   | 20.3   | 20.3   | 17.7   | 17.7   | 17.7   | 15.2   | 15.2   |
| 107.5° | 17.7   | 17.7   | 17.7   | 17.7   | 17.7   | 15.2   | 15.2   | 15.2   | 15.2   | 12.7   | 12.7   |
| 110°   | 15.2   | 15.2   | 15.2   | 15.2   | 15.2   | 15.2   | 15.2   | 12.7   | 12.7   | 10.1   | 10.1   |

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**CANDELA DISTRIBUTION (continued):**

|        | 0°   | 5°   | 15°  | 25°  | 35°  | 45°  | 55°  | 65°  | 75°  | 85°  | 88°  |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 15.2 | 15.2 | 15.2 | 15.2 | 15.2 | 12.7 | 12.7 | 12.7 | 12.7 | 10.1 | 10.1 |
| 115°   | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 10.1 | 10.1 |
| 117.5° | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 10.1 | 10.1 | 10.1 | 12.7 | 10.1 |
| 120°   | 12.7 | 12.7 | 12.7 | 12.7 | 10.1 | 10.1 | 10.1 | 10.1 | 10.1 | 10.1 | 10.1 |
| 122.5° | 12.7 | 12.7 | 10.1 | 10.1 | 10.1 | 10.1 | 10.1 | 10.1 | 10.1 | 10.1 | 10.1 |
| 125°   | 10.1 | 10.1 | 10.1 | 10.1 | 7.6  | 7.6  | 7.6  | 7.6  | 7.6  | 7.6  | 7.6  |
| 127.5° | 7.6  | 7.6  | 7.6  | 7.6  | 7.6  | 7.6  | 7.6  | 7.6  | 7.6  | 7.6  | 7.6  |
| 130°   | 7.6  | 7.6  | 7.6  | 7.6  | 7.6  | 7.6  | 5.1  | 5.1  | 5.1  | 5.1  | 5.1  |
| 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°     | 1215.2 | 1215.2 | 1215.2 | 1215.2 | 1215.2 | 1215.2 | 1215.2 | 1215.2 | 1215.2 | 1215.2 | 1215.2 |
| 2.5°   | 1220.2 | 1225.3 | 1235.4 | 1248.1 | 1258.2 | 1265.8 | 1270.9 | 1275.9 | 1275.9 | 1270.9 | 1275.9 |
| 5°     | 1248.1 | 1253.2 | 1270.9 | 1283.5 | 1283.5 | 1275.9 | 1270.9 | 1268.4 | 1273.4 | 1275.9 | 1281.0 |
| 7.5°   | 1270.9 | 1275.9 | 1268.4 | 1273.4 | 1278.5 | 1270.9 | 1260.8 | 1253.2 | 1245.6 | 1238.0 | 1243.0 |
| 10°    | 1273.4 | 1260.8 | 1260.8 | 1255.7 | 1238.0 | 1240.5 | 1238.0 | 1225.3 | 1215.2 | 1217.7 | 1220.2 |
| 12.5°  | 1270.9 | 1265.8 | 1245.6 | 1235.4 | 1227.8 | 1202.5 | 1192.4 | 1200.0 | 1184.8 | 1192.4 | 1182.3 |
| 15°    | 1293.7 | 1268.4 | 1248.1 | 1222.8 | 1194.9 | 1182.3 | 1164.6 | 1139.2 | 1129.1 | 1131.6 | 1134.2 |
| 17.5°  | 1308.9 | 1283.5 | 1235.4 | 1189.9 | 1174.7 | 1134.2 | 1113.9 | 1101.3 | 1083.5 | 1086.1 | 1096.2 |
| 20°    | 1334.2 | 1296.2 | 1227.8 | 1179.7 | 1106.3 | 1078.5 | 1053.2 | 1038.0 | 1022.8 | 1000.0 | 989.9  |
| 22.5°  | 1369.6 | 1321.5 | 1217.7 | 1129.1 | 1065.8 | 1017.7 | 962.0  | 924.0  | 903.8  | 888.6  | 886.1  |
| 25°    | 1415.2 | 1359.5 | 1220.2 | 1106.3 | 1005.1 | 934.2  | 886.1  | 820.3  | 772.1  | 767.1  | 774.7  |
| 27.5°  | 1498.7 | 1402.5 | 1235.4 | 1070.9 | 954.4  | 845.6  | 757.0  | 711.4  | 655.7  | 643.0  | 643.0  |
| 30°    | 1579.7 | 1470.9 | 1225.3 | 1040.5 | 868.4  | 746.8  | 627.8  | 541.8  | 511.4  | 488.6  | 486.1  |
| 32.5°  | 1729.1 | 1567.1 | 1278.5 | 994.9  | 789.9  | 600.0  | 468.4  | 374.7  | 354.4  | 346.8  | 344.3  |
| 35°    | 1865.8 | 1698.7 | 1283.5 | 936.7  | 673.4  | 465.8  | 336.7  | 273.4  | 260.8  | 253.2  | 250.6  |
| 37.5°  | 2012.7 | 1825.3 | 1334.2 | 888.6  | 559.5  | 329.1  | 243.0  | 194.9  | 179.7  | 169.6  | 164.6  |
| 40°    | 1843.0 | 1673.4 | 1311.4 | 807.6  | 415.2  | 210.1  | 151.9  | 106.3  | 91.1   | 91.1   | 91.1   |
| 42.5°  | 1443.0 | 1270.9 | 992.4  | 653.2  | 243.0  | 121.5  | 75.9   | 73.4   | 75.9   | 78.5   | 78.5   |
| 45°    | 1278.5 | 1053.2 | 607.6  | 346.8  | 101.3  | 68.4   | 60.8   | 58.2   | 65.8   | 73.4   | 75.9   |
| 47.5°  | 1503.8 | 1253.2 | 468.4  | 243.0  | 108.9  | 68.4   | 55.7   | 55.7   | 53.2   | 48.1   | 48.1   |
| 50°    | 2032.9 | 1691.1 | 536.7  | 278.5  | 136.7  | 75.9   | 55.7   | 48.1   | 48.1   | 50.6   | 53.2   |
| 52.5°  | 2293.7 | 1883.5 | 632.9  | 362.0  | 200.0  | 103.8  | 60.8   | 48.1   | 43.0   | 35.4   | 35.4   |
| 55°    | 2519.0 | 2035.4 | 749.4  | 468.4  | 293.7  | 162.0  | 86.1   | 50.6   | 43.0   | 35.4   | 32.9   |
| 57.5°  | 2592.4 | 2053.2 | 873.4  | 589.9  | 400.0  | 253.2  | 149.4  | 70.9   | 45.6   | 38.0   | 35.4   |
| 60°    | 2602.5 | 2073.4 | 967.1  | 719.0  | 521.5  | 369.6  | 245.6  | 129.1  | 58.2   | 45.6   | 43.0   |
| 62.5°  | 2615.2 | 2078.5 | 1038.0 | 812.7  | 643.0  | 501.3  | 354.4  | 205.1  | 88.6   | 53.2   | 50.6   |
| 65°    | 2569.6 | 2017.7 | 1020.2 | 792.4  | 678.5  | 554.4  | 407.6  | 240.5  | 101.3  | 60.8   | 58.2   |
| 67.5°  | 2493.7 | 1964.6 | 946.8  | 729.1  | 612.7  | 483.5  | 349.4  | 194.9  | 93.7   | 70.9   | 68.4   |
| 70°    | 2432.9 | 1911.4 | 908.9  | 724.0  | 567.1  | 422.8  | 281.0  | 141.8  | 111.4  | 96.2   | 91.1   |
| 72.5°  | 2283.5 | 1784.8 | 878.5  | 721.5  | 567.1  | 412.7  | 273.4  | 151.9  | 151.9  | 154.4  | 144.3  |
| 75°    | 2032.9 | 1594.9 | 832.9  | 701.3  | 554.4  | 410.1  | 263.3  | 164.6  | 164.6  | 146.8  | 139.2  |
| 77.5°  | 1678.5 | 1306.3 | 736.7  | 640.5  | 503.8  | 362.0  | 215.2  | 136.7  | 131.6  | 113.9  | 108.9  |
| 80°    | 1111.4 | 936.7  | 587.3  | 529.1  | 415.2  | 291.1  | 159.5  | 106.3  | 98.7   | 83.5   | 78.5   |
| 82.5°  | 498.7  | 448.1  | 372.2  | 374.7  | 298.7  | 207.6  | 108.9  | 73.4   | 68.4   | 55.7   | 53.2   |
| 85°    | 273.4  | 258.2  | 202.5  | 177.2  | 151.9  | 108.9  | 63.3   | 48.1   | 40.5   | 30.4   | 30.4   |
| 87.5°  | 207.6  | 200.0  | 149.4  | 116.5  | 88.6   | 63.3   | 40.5   | 30.4   | 22.8   | 15.2   | 12.7   |
| 90°    | 189.9  | 179.7  | 121.5  | 93.7   | 70.9   | 50.6   | 32.9   | 20.3   | 15.2   | 10.1   | 7.6    |
| 92.5°  | 159.5  | 151.9  | 98.7   | 78.5   | 60.8   | 45.6   | 27.8   | 15.2   | 10.1   | 5.1    | 5.1    |
| 95°    | 116.5  | 113.9  | 73.4   | 60.8   | 48.1   | 38.0   | 22.8   | 12.7   | 7.6    | 5.1    | 2.5    |
| 97.5°  | 78.5   | 75.9   | 53.2   | 45.6   | 38.0   | 27.8   | 17.7   | 10.1   | 5.1    | 2.5    | 2.5    |
| 100°   | 48.1   | 48.1   | 32.9   | 30.4   | 25.3   | 20.3   | 12.7   | 7.6    | 5.1    | 2.5    | 2.5    |
| 102.5° | 25.3   | 22.8   | 17.7   | 17.7   | 15.2   | 12.7   | 10.1   | 5.1    | 2.5    | 0.0    | 0.0    |
| 105°   | 15.2   | 12.7   | 12.7   | 10.1   | 10.1   | 7.6    | 7.6    | 5.1    | 2.5    | 0.0    | 0.0    |
| 107.5° | 12.7   | 10.1   | 10.1   | 7.6    | 7.6    | 5.1    | 5.1    | 2.5    | 2.5    | 0.0    | 0.0    |
| 110°   | 10.1   | 10.1   | 7.6    | 7.6    | 5.1    | 5.1    | 5.1    | 2.5    | 0.0    | 0.0    | 0.0    |



REPORT NUMBER: P690979

CATALOG NUMBER: CRTK2-C01-D-U-T3-8027-SR-CARETAKER-HSS-CRTK2

**CANDELA DISTRIBUTION (continued):**

|        | 90°  | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|-----|------|------|------|------|------|------|------|------|------|
| 112.5° | 10.1 | 7.6 | 7.6  | 5.1  | 5.1  | 5.1  | 2.5  | 2.5  | 0.0  | 0.0  | 0.0  |
| 115°   | 10.1 | 7.6 | 5.1  | 5.1  | 5.1  | 2.5  | 2.5  | 2.5  | 0.0  | 0.0  | 0.0  |
| 117.5° | 10.1 | 7.6 | 5.1  | 5.1  | 5.1  | 2.5  | 2.5  | 2.5  | 0.0  | 0.0  | 0.0  |
| 120°   | 10.1 | 7.6 | 5.1  | 5.1  | 2.5  | 2.5  | 2.5  | 2.5  | 0.0  | 0.0  | 0.0  |
| 122.5° | 10.1 | 7.6 | 5.1  | 5.1  | 2.5  | 2.5  | 2.5  | 2.5  | 0.0  | 0.0  | 0.0  |
| 125°   | 7.6  | 5.1 | 5.1  | 2.5  | 2.5  | 2.5  | 2.5  | 2.5  | 0.0  | 0.0  | 0.0  |
| 127.5° | 7.6  | 5.1 | 5.1  | 2.5  | 2.5  | 2.5  | 2.5  | 2.5  | 0.0  | 0.0  | 0.0  |
| 130°   | 5.1  | 5.1 | 5.1  | 2.5  | 2.5  | 2.5  | 2.5  | 2.5  | 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)