

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: P691121

Luminaire Tested: **CRTK2-C013-D-U-T2-7050-RMARROA5-HSS-CRTK2**

Issue Date: 6/13/2023

Test Information

Test Method: LM-79-08
Report Number: P691121
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-903-8)
Test Lab: INNOVATION CENTER
Issue Date: 6/13/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: CRTK2-C013-D-U-T2-7050-RMARROA5-HSS-CRTK2
Description: CARETAKER AREA AND ROADWAY LUMINAIRE
(1) 70 CRI, 5000K LED WITH TYPE II OPTIC AND NEMA REFRACTOR WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2272 lumens
Efficiency: N/A
Efficacy: 111.4 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 0.33' x H: 0.54')
IES Classification: Type I - Short
BUG Rating: B1 - U3 - G1

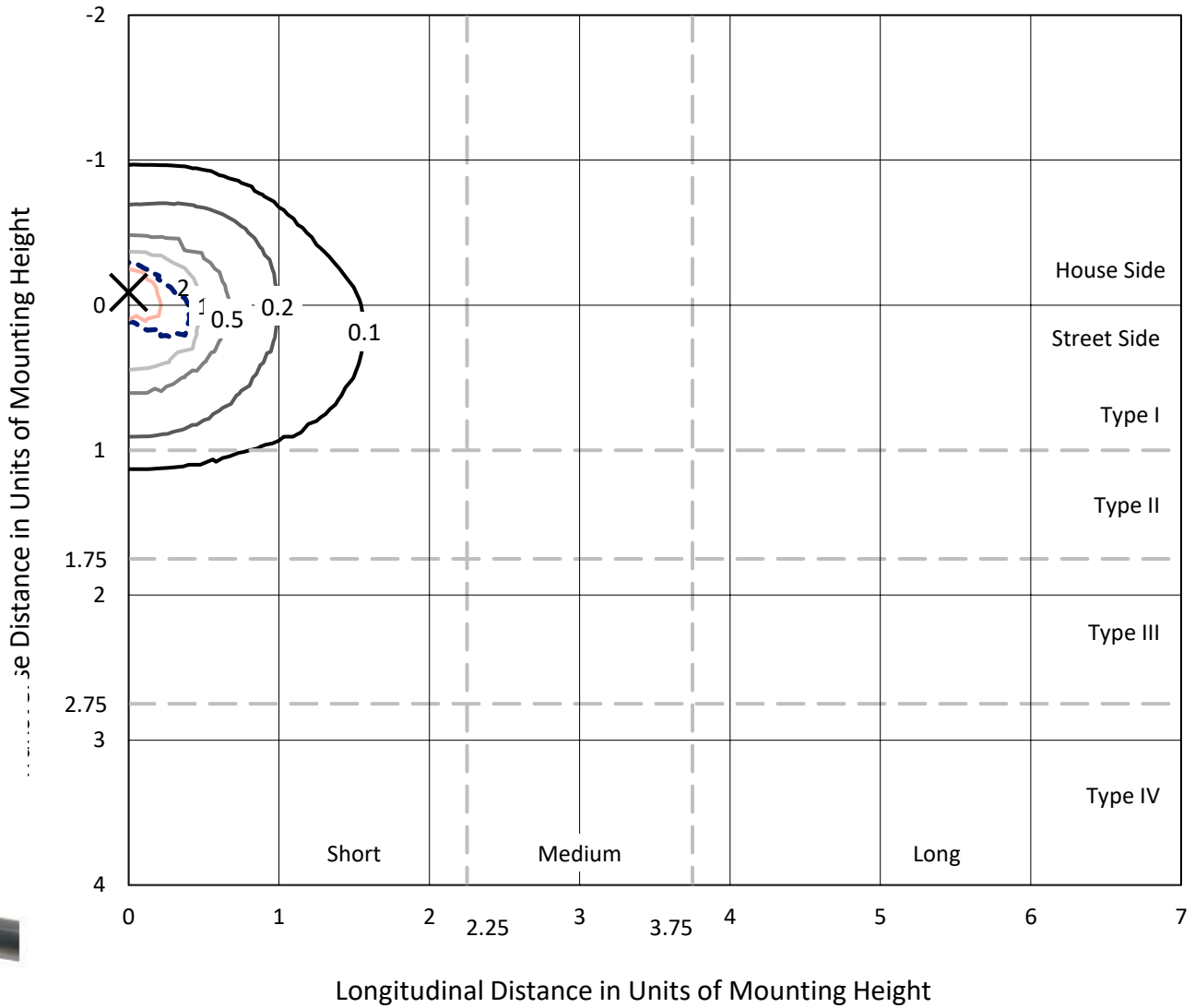
Input Watts (W): 20.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

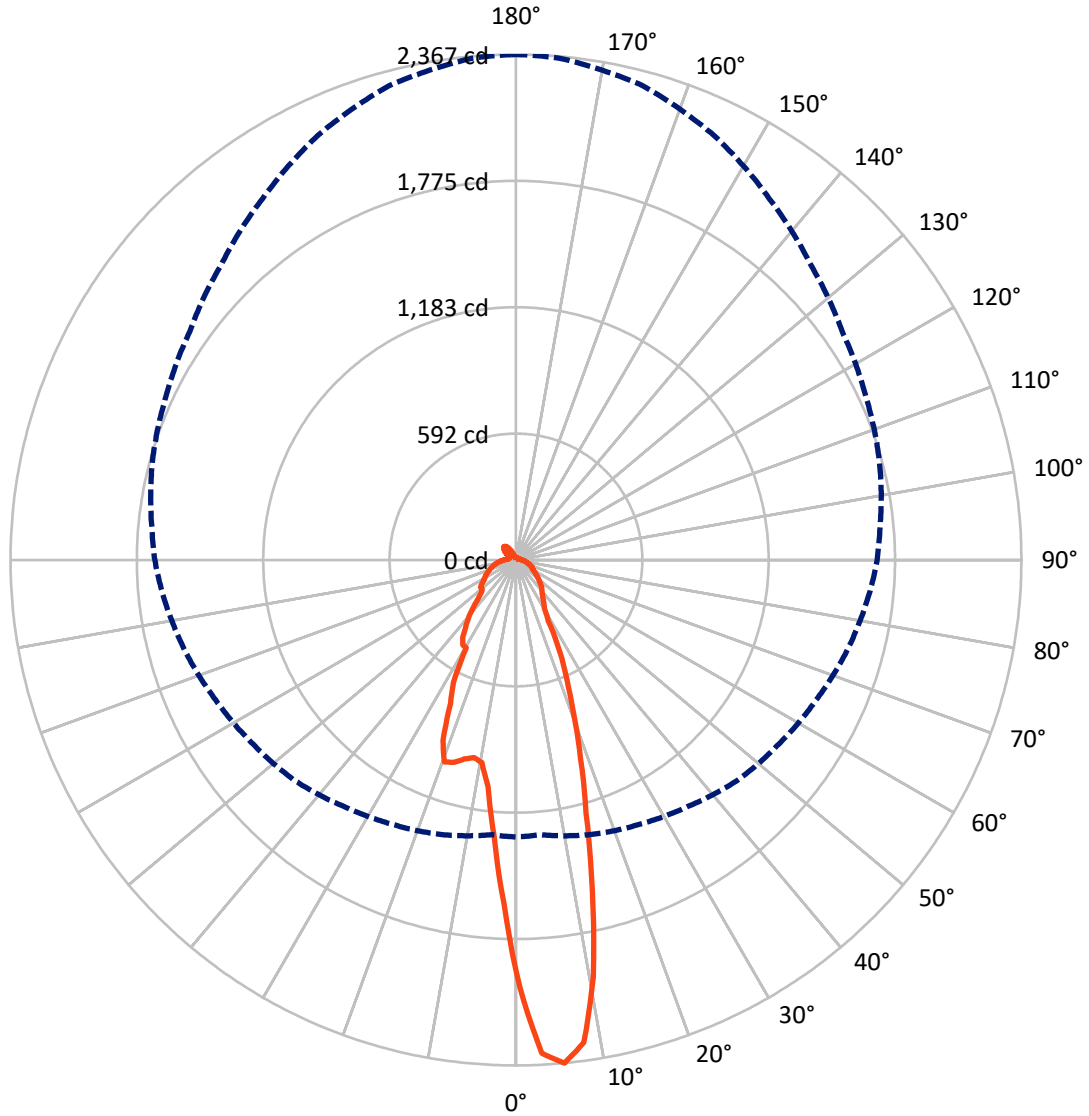
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.6 fc
 Type I - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 180-Deg Lateral - - - Horizontal Cone Through 5-Deg Vertical

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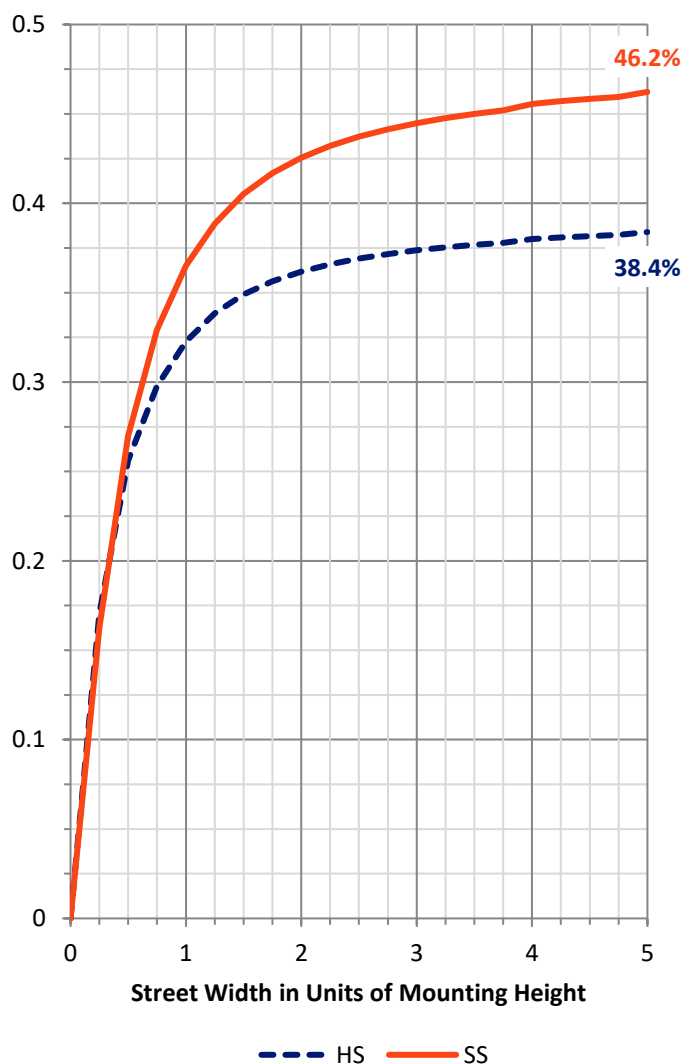
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 895.4 | 105.1 | 1000.5 |
| | % Fixture | 39.4 | 4.6 | 44.0 |
| Street Side | Lumens | 1076.1 | 195.4 | 1271.5 |
| | % Fixture | 47.4 | 8.6 | 56.0 |
| Total | Lumens | 1971.5 | 300.5 | 2272.0 |
| | % Fixture | 86.8 | 13.2 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 154.6 | 6.8 |
| 10°-20° | 328.1 | 14.4 |
| 20°-30° | 357.0 | 15.7 |
| 30°-40° | 261.3 | 11.5 |
| 40°-50° | 219.7 | 9.7 |
| 50°-60° | 223.1 | 9.8 |
| 60°-70° | 189.7 | 8.3 |
| 70°-80° | 141.5 | 6.2 |
| 80°-90° | 96.3 | 4.2 |
| 90°-100° | 57.9 | 2.5 |
| 100°-110° | 33.2 | 1.5 |
| 110°-120° | 30.5 | 1.3 |
| 120°-130° | 44.4 | 2.0 |
| 130°-140° | 61.0 | 2.7 |
| 140°-150° | 50.5 | 2.2 |
| 150°-160° | 20.5 | 0.9 |
| 160°-170° | 2.6 | 0.1 |
| 170°-180° | 0.0 | 0.0 |
| 0°-90° | 1971.5 | 86.8 |
| 0°-180° | 2272.0 | 100.0 |

Coefficient of Utilization



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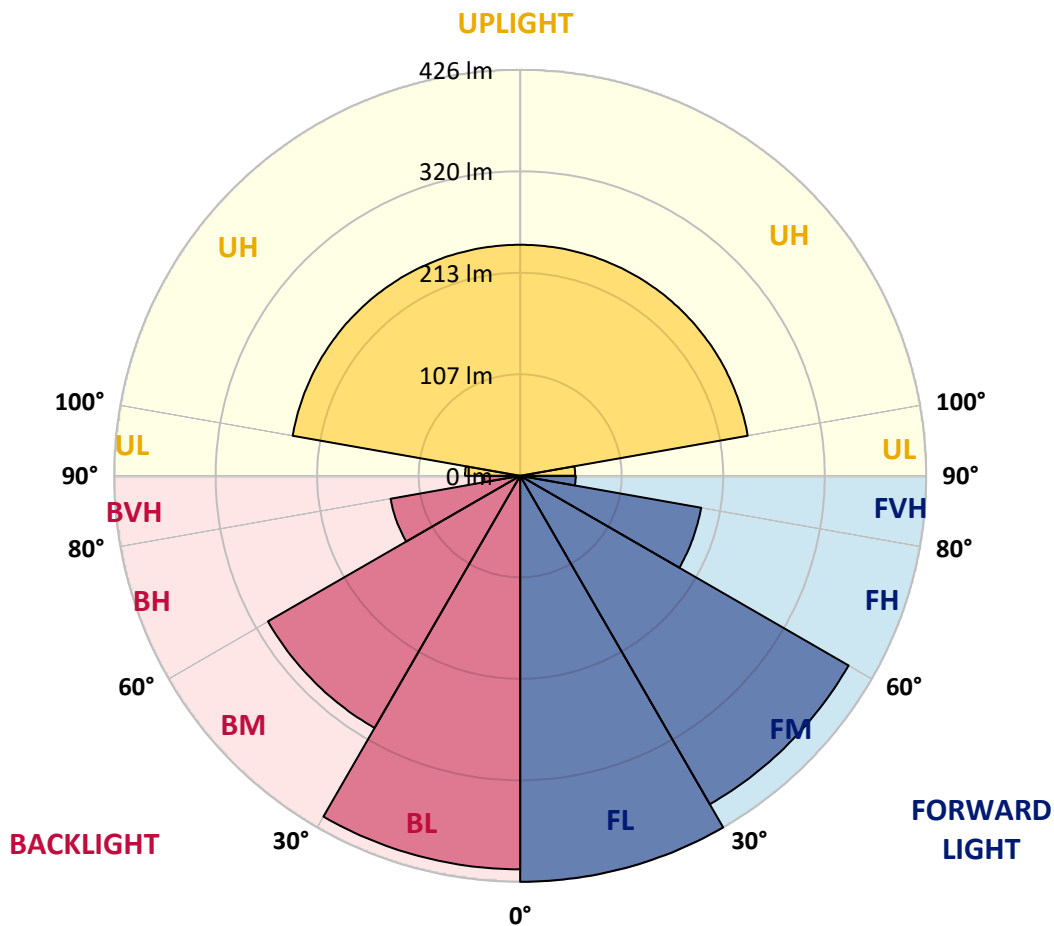
CATALOG NUMBER: CRTK2-C013-D-U-T2-7050-RMARROA5-HSS-CRTK2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|--------|--------|
| | | | B | U | G |
| FL (0°-30°) | 426.4 | 18.8 | | | |
| FM (30°-60°) | 398.3 | 17.5 | | | |
| FH (60°-80°) | 193.0 | 8.5 | | | G0/660 |
| FVH (80°-90°) | 58.3 | 2.6 | | | G1/100 |
| BL (0°-30°) | 413.3 | 18.2 | B1/500 | | |
| BM (30°-60°) | 305.9 | 13.5 | B1/1000 | | |
| BH (60°-80°) | 138.2 | 6.1 | B1/500 | | G1/500 |
| BVH (80°-90°) | 38.0 | 1.7 | | | G1/100 |
| UL (90°-100°) | 57.9 | 2.5 | | U3/500 | |
| UH (100°-180°) | 242.7 | 10.7 | | U3/500 | |

BUG Rating: B1-U3-G1

Type I Short





REPORT NUMBER: P691121

CATALOG NUMBER: CRTK2-C013-D-U-T2-7050-RMARROA5-HSS-CRTK2

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1997.3 | 1997.3 | 1997.3 | 1997.3 | 1997.3 | 1997.3 | 1997.3 | 1997.3 | 1997.3 | 1997.3 | 1997.3 |
| 2.5° | 1610.8 | 1607.7 | 1630.0 | 1635.0 | 1637.1 | 1660.3 | 1691.7 | 1712.9 | 1751.4 | 1788.8 | 1804.0 |
| 5° | 1297.1 | 1291.0 | 1331.5 | 1365.9 | 1407.4 | 1462.0 | 1502.5 | 1551.1 | 1608.7 | 1664.4 | 1690.7 |
| 7.5° | 1069.5 | 1077.5 | 1135.2 | 1206.0 | 1272.8 | 1337.6 | 1387.2 | 1428.6 | 1462.0 | 1497.4 | 1504.5 |
| 10° | 962.2 | 969.3 | 1025.9 | 1093.7 | 1155.5 | 1221.2 | 1263.7 | 1299.1 | 1320.4 | 1346.7 | 1355.8 |
| 12.5° | 945.0 | 950.1 | 988.5 | 1036.1 | 1082.6 | 1142.3 | 1195.9 | 1235.4 | 1259.7 | 1280.9 | 1282.9 |
| 15° | 962.2 | 964.2 | 987.5 | 1018.9 | 1059.3 | 1108.9 | 1170.6 | 1215.1 | 1242.5 | 1251.6 | 1249.5 |
| 17.5° | 990.5 | 990.5 | 1001.7 | 1028.0 | 1066.4 | 1114.0 | 1172.7 | 1218.2 | 1246.5 | 1250.6 | 1242.5 |
| 20° | 1002.7 | 1004.7 | 1011.8 | 1041.1 | 1075.5 | 1119.0 | 1177.7 | 1216.2 | 1238.4 | 1227.3 | 1213.1 |
| 22.5° | 911.6 | 907.6 | 926.8 | 988.5 | 1065.4 | 1143.3 | 1199.0 | 1242.5 | 1254.6 | 1217.2 | 1186.8 |
| 25° | 737.6 | 739.6 | 751.8 | 782.1 | 841.8 | 913.6 | 1037.1 | 1169.6 | 1261.7 | 1247.5 | 1202.0 |
| 27.5° | 643.5 | 637.4 | 640.5 | 645.5 | 637.4 | 622.2 | 636.4 | 633.4 | 631.4 | 667.8 | 671.8 |
| 30° | 472.5 | 473.5 | 478.6 | 487.7 | 506.9 | 535.2 | 565.6 | 582.8 | 598.0 | 626.3 | 622.2 |
| 32.5° | 469.5 | 470.5 | 473.5 | 481.6 | 491.7 | 510.9 | 530.2 | 537.3 | 553.4 | 576.7 | 569.6 |
| 35° | 439.1 | 436.1 | 444.2 | 451.3 | 454.3 | 462.4 | 477.6 | 487.7 | 497.8 | 514.0 | 509.9 |
| 37.5° | 389.5 | 390.5 | 406.7 | 417.9 | 420.9 | 432.0 | 446.2 | 454.3 | 465.4 | 479.6 | 472.5 |
| 40° | 347.0 | 348.1 | 367.3 | 379.4 | 386.5 | 401.7 | 422.9 | 433.0 | 451.3 | 462.4 | 454.3 |
| 42.5° | 298.5 | 302.5 | 315.7 | 329.8 | 333.9 | 343.0 | 357.2 | 370.3 | 393.6 | 408.8 | 403.7 |
| 45° | 248.9 | 250.9 | 260.0 | 274.2 | 280.3 | 290.4 | 303.5 | 315.7 | 333.9 | 346.0 | 345.0 |
| 47.5° | 219.6 | 221.6 | 229.7 | 241.8 | 254.0 | 267.1 | 281.3 | 293.4 | 310.6 | 320.7 | 316.7 |
| 50° | 207.4 | 209.4 | 219.6 | 233.7 | 248.9 | 266.1 | 283.3 | 296.5 | 312.6 | 318.7 | 313.7 |
| 52.5° | 209.4 | 209.4 | 223.6 | 241.8 | 263.1 | 286.3 | 307.6 | 323.8 | 336.9 | 341.0 | 329.8 |
| 55° | 198.3 | 201.3 | 216.5 | 241.8 | 274.2 | 310.6 | 347.0 | 381.4 | 400.7 | 396.6 | 375.4 |
| 57.5° | 181.1 | 184.1 | 195.3 | 222.6 | 257.0 | 300.5 | 352.1 | 394.6 | 417.9 | 420.9 | 399.7 |
| 60° | 171.0 | 173.0 | 183.1 | 204.4 | 234.7 | 270.1 | 316.7 | 351.1 | 377.4 | 385.5 | 370.3 |
| 62.5° | 161.9 | 163.9 | 172.0 | 188.2 | 210.5 | 237.8 | 264.1 | 286.3 | 307.6 | 315.7 | 309.6 |
| 65° | 151.8 | 152.8 | 160.9 | 175.0 | 193.2 | 216.5 | 238.8 | 255.0 | 272.2 | 277.2 | 270.1 |
| 67.5° | 141.6 | 142.7 | 149.7 | 162.9 | 180.1 | 201.3 | 218.5 | 236.8 | 254.0 | 258.0 | 252.9 |
| 70° | 132.5 | 133.6 | 139.6 | 151.8 | 166.9 | 187.2 | 203.4 | 215.5 | 232.7 | 236.8 | 230.7 |
| 72.5° | 123.4 | 124.4 | 130.5 | 141.6 | 155.8 | 174.0 | 188.2 | 200.3 | 214.5 | 215.5 | 210.5 |
| 75° | 114.3 | 115.3 | 120.4 | 130.5 | 142.7 | 160.9 | 174.0 | 184.1 | 196.3 | 196.3 | 190.2 |
| 77.5° | 104.2 | 106.2 | 110.3 | 119.4 | 130.5 | 147.7 | 159.9 | 170.0 | 180.1 | 179.1 | 173.0 |
| 80° | 95.1 | 96.1 | 100.2 | 108.3 | 118.4 | 134.6 | 146.7 | 154.8 | 163.9 | 162.9 | 157.8 |
| 82.5° | 85.0 | 86.0 | 89.0 | 97.1 | 106.2 | 121.4 | 133.6 | 141.6 | 149.7 | 147.7 | 142.7 |
| 85° | 74.9 | 75.9 | 79.9 | 86.0 | 95.1 | 109.3 | 120.4 | 128.5 | 134.6 | 132.5 | 128.5 |
| 87.5° | 66.8 | 66.8 | 69.8 | 75.9 | 84.0 | 97.1 | 107.2 | 115.3 | 120.4 | 119.4 | 115.3 |
| 90° | 57.7 | 58.7 | 60.7 | 65.8 | 72.8 | 84.0 | 94.1 | 101.2 | 106.2 | 104.2 | 100.2 |
| 92.5° | 50.6 | 50.6 | 52.6 | 57.7 | 63.7 | 73.9 | 83.0 | 89.0 | 93.1 | 92.1 | 89.0 |
| 95° | 43.5 | 44.5 | 45.5 | 49.6 | 54.6 | 62.7 | 70.8 | 76.9 | 80.9 | 79.9 | 77.9 |
| 97.5° | 38.4 | 39.5 | 40.5 | 42.5 | 47.6 | 52.6 | 59.7 | 64.8 | 68.8 | 67.8 | 65.8 |
| 100° | 35.4 | 35.4 | 35.4 | 37.4 | 40.5 | 44.5 | 49.6 | 53.6 | 55.6 | 56.7 | 54.6 |
| 102.5° | 32.4 | 32.4 | 33.4 | 33.4 | 35.4 | 37.4 | 40.5 | 43.5 | 44.5 | 44.5 | 44.5 |
| 105° | 31.4 | 31.4 | 32.4 | 32.4 | 33.4 | 34.4 | 36.4 | 37.4 | 38.4 | 38.4 | 37.4 |
| 107.5° | 31.4 | 31.4 | 31.4 | 31.4 | 32.4 | 33.4 | 34.4 | 35.4 | 35.4 | 35.4 | 34.4 |
| 110° | 32.4 | 32.4 | 32.4 | 32.4 | 32.4 | 33.4 | 33.4 | 34.4 | 34.4 | 33.4 | 33.4 |



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CATALOG NUMBER: CRTK2-C013-D-U-T2-7050-RMARROA5-HSS-CRTK2

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|--------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 34.4 | 34.4 | 34.4 | 34.4 | 33.4 | 33.4 |
| 115° | 35.4 | 35.4 | 35.4 | 36.4 | 36.4 | 36.4 | 36.4 | 36.4 | 36.4 | 35.4 | 34.4 |
| 117.5° | 39.5 | 39.5 | 39.5 | 39.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 38.4 | 38.4 |
| 120° | 44.5 | 43.5 | 44.5 | 45.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 44.5 | 43.5 |
| 122.5° | 49.6 | 49.6 | 50.6 | 52.6 | 54.6 | 55.6 | 54.6 | 54.6 | 54.6 | 51.6 | 50.6 |
| 125° | 55.6 | 55.6 | 58.7 | 62.7 | 65.8 | 66.8 | 65.8 | 65.8 | 65.8 | 62.7 | 60.7 |
| 127.5° | 62.7 | 62.7 | 66.8 | 72.8 | 77.9 | 80.9 | 79.9 | 79.9 | 79.9 | 74.9 | 71.8 |
| 130° | 69.8 | 69.8 | 75.9 | 84.0 | 92.1 | 94.1 | 95.1 | 96.1 | 96.1 | 90.0 | 86.0 |
| 132.5° | 74.9 | 75.9 | 83.0 | 94.1 | 104.2 | 107.2 | 110.3 | 111.3 | 111.3 | 104.2 | 98.1 |
| 135° | 79.9 | 80.9 | 90.0 | 103.2 | 114.3 | 121.4 | 124.4 | 125.5 | 126.5 | 118.4 | 111.3 |
| 137.5° | 83.0 | 84.0 | 94.1 | 109.3 | 120.4 | 129.5 | 136.6 | 138.6 | 138.6 | 129.5 | 120.4 |
| 140° | 83.0 | 84.0 | 95.1 | 109.3 | 121.4 | 132.5 | 140.6 | 144.7 | 144.7 | 135.6 | 127.5 |
| 142.5° | 80.9 | 83.0 | 93.1 | 107.2 | 119.4 | 130.5 | 139.6 | 143.7 | 143.7 | 135.6 | 127.5 |
| 145° | 76.9 | 77.9 | 88.0 | 100.2 | 112.3 | 125.5 | 135.6 | 139.6 | 139.6 | 131.5 | 123.4 |
| 147.5° | 69.8 | 70.8 | 78.9 | 90.0 | 102.2 | 115.3 | 125.5 | 130.5 | 129.5 | 122.4 | 115.3 |
| 150° | 60.7 | 60.7 | 67.8 | 76.9 | 89.0 | 101.2 | 111.3 | 116.4 | 116.4 | 109.3 | 103.2 |
| 152.5° | 49.6 | 49.6 | 54.6 | 61.7 | 71.8 | 84.0 | 92.1 | 97.1 | 97.1 | 92.1 | 87.0 |
| 155° | 38.4 | 38.4 | 42.5 | 47.6 | 55.6 | 64.8 | 70.8 | 75.9 | 75.9 | 71.8 | 67.8 |
| 157.5° | 27.3 | 27.3 | 31.4 | 35.4 | 41.5 | 48.6 | 53.6 | 56.7 | 57.7 | 53.6 | 51.6 |
| 160° | 18.2 | 18.2 | 20.2 | 23.3 | 28.3 | 33.4 | 36.4 | 39.5 | 40.5 | 37.4 | 36.4 |
| 162.5° | 10.1 | 10.1 | 11.1 | 14.2 | 17.2 | 20.2 | 23.3 | 25.3 | 25.3 | 24.3 | 23.3 |
| 165° | 3.0 | 3.0 | 4.0 | 5.1 | 7.1 | 9.1 | 10.1 | 11.1 | 12.1 | 12.1 | 11.1 |
| 167.5° | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 |
| 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 |



REPORT NUMBER: P691121

CATALOG NUMBER: CRTK2-C013-D-U-T2-7050-RMARROA5-HSS-CRTK2

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 179° | 180° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1997.3 | 1997.3 | 1997.3 | 1997.3 | 1997.3 | 1997.3 | 1997.3 | 1997.3 | 1997.3 | 1997.3 | 1997.3 |
| 2.5° | 1835.4 | 1892.0 | 1953.7 | 2013.4 | 2086.3 | 2162.2 | 2232.0 | 2279.5 | 2304.8 | 2312.9 | 2312.9 |
| 5° | 1710.9 | 1762.5 | 1808.1 | 1864.7 | 1952.7 | 2067.1 | 2193.5 | 2298.8 | 2358.5 | 2365.5 | 2366.6 |
| 7.5° | 1516.7 | 1559.2 | 1606.7 | 1657.3 | 1735.2 | 1837.4 | 2004.3 | 2174.3 | 2271.4 | 2289.7 | 2282.6 |
| 10° | 1357.8 | 1384.1 | 1412.4 | 1431.7 | 1486.3 | 1562.2 | 1675.5 | 1842.5 | 1961.8 | 1976.0 | 1986.1 |
| 12.5° | 1283.9 | 1288.0 | 1279.9 | 1283.9 | 1302.2 | 1337.6 | 1393.2 | 1489.3 | 1567.2 | 1580.4 | 1587.5 |
| 15° | 1246.5 | 1226.3 | 1193.9 | 1163.5 | 1147.4 | 1150.4 | 1162.5 | 1202.0 | 1215.1 | 1237.4 | 1227.3 |
| 17.5° | 1229.3 | 1183.8 | 1133.2 | 1074.5 | 1038.1 | 1000.7 | 980.4 | 973.3 | 968.3 | 969.3 | 978.4 |
| 20° | 1185.8 | 1134.2 | 1053.3 | 976.4 | 917.7 | 866.1 | 822.6 | 791.2 | 774.0 | 765.9 | 772.0 |
| 22.5° | 1140.3 | 1060.3 | 965.2 | 882.3 | 798.3 | 732.5 | 683.0 | 637.4 | 612.1 | 619.2 | 611.1 |
| 25° | 1141.3 | 1021.9 | 908.6 | 799.3 | 720.4 | 633.4 | 554.5 | 506.9 | 465.4 | 473.5 | 484.6 |
| 27.5° | 719.4 | 688.0 | 607.1 | 543.3 | 464.4 | 420.9 | 381.4 | 348.1 | 324.8 | 325.8 | 322.8 |
| 30° | 610.1 | 577.7 | 537.3 | 486.7 | 427.0 | 376.4 | 330.9 | 292.4 | 270.1 | 264.1 | 263.1 |
| 32.5° | 563.6 | 536.2 | 498.8 | 449.2 | 394.6 | 344.0 | 298.5 | 263.1 | 240.8 | 239.8 | 239.8 |
| 35° | 501.8 | 476.5 | 445.2 | 402.7 | 356.1 | 309.6 | 267.1 | 236.8 | 218.5 | 218.5 | 217.5 |
| 37.5° | 463.4 | 441.1 | 410.8 | 371.3 | 329.8 | 283.3 | 245.9 | 218.5 | 199.3 | 198.3 | 199.3 |
| 40° | 443.2 | 419.9 | 390.5 | 353.1 | 311.6 | 267.1 | 231.7 | 203.4 | 189.2 | 188.2 | 187.2 |
| 42.5° | 402.7 | 384.5 | 359.2 | 324.8 | 288.4 | 248.9 | 215.5 | 190.2 | 178.1 | 177.1 | 178.1 |
| 45° | 342.0 | 328.8 | 311.6 | 286.3 | 256.0 | 222.6 | 193.2 | 174.0 | 161.9 | 161.9 | 161.9 |
| 47.5° | 313.7 | 301.5 | 282.3 | 257.0 | 230.7 | 199.3 | 175.0 | 158.8 | 147.7 | 147.7 | 147.7 |
| 50° | 306.6 | 291.4 | 266.1 | 237.8 | 209.4 | 182.1 | 159.9 | 143.7 | 135.6 | 134.6 | 135.6 |
| 52.5° | 316.7 | 293.4 | 259.0 | 225.6 | 194.3 | 168.0 | 146.7 | 131.5 | 123.4 | 123.4 | 123.4 |
| 55° | 353.1 | 310.6 | 265.1 | 222.6 | 185.2 | 155.8 | 134.6 | 119.4 | 111.3 | 110.3 | 111.3 |
| 57.5° | 377.4 | 323.8 | 267.1 | 219.6 | 179.1 | 147.7 | 124.4 | 108.3 | 100.2 | 99.2 | 100.2 |
| 60° | 356.1 | 312.6 | 258.0 | 211.5 | 174.0 | 141.6 | 117.4 | 101.2 | 93.1 | 92.1 | 92.1 |
| 62.5° | 295.4 | 270.1 | 230.7 | 191.2 | 160.9 | 132.5 | 110.3 | 95.1 | 87.0 | 86.0 | 87.0 |
| 65° | 262.1 | 239.8 | 205.4 | 174.0 | 147.7 | 123.4 | 104.2 | 91.1 | 83.0 | 83.0 | 83.0 |
| 67.5° | 243.8 | 223.6 | 191.2 | 160.9 | 136.6 | 114.3 | 96.1 | 84.0 | 76.9 | 76.9 | 76.9 |
| 70° | 222.6 | 202.4 | 173.0 | 145.7 | 123.4 | 104.2 | 88.0 | 75.9 | 69.8 | 68.8 | 69.8 |
| 72.5° | 204.4 | 184.1 | 156.8 | 131.5 | 111.3 | 94.1 | 79.9 | 68.8 | 63.7 | 62.7 | 63.7 |
| 75° | 184.1 | 164.9 | 138.6 | 116.4 | 99.2 | 84.0 | 71.8 | 61.7 | 57.7 | 56.7 | 56.7 |
| 77.5° | 166.9 | 148.7 | 124.4 | 104.2 | 89.0 | 74.9 | 63.7 | 56.7 | 52.6 | 51.6 | 51.6 |
| 80° | 151.8 | 134.6 | 111.3 | 93.1 | 78.9 | 66.8 | 57.7 | 50.6 | 46.5 | 46.5 | 46.5 |
| 82.5° | 135.6 | 120.4 | 99.2 | 82.0 | 69.8 | 59.7 | 50.6 | 44.5 | 41.5 | 41.5 | 41.5 |
| 85° | 122.4 | 107.2 | 87.0 | 72.8 | 60.7 | 51.6 | 44.5 | 39.5 | 36.4 | 36.4 | 36.4 |
| 87.5° | 108.3 | 95.1 | 76.9 | 63.7 | 53.6 | 45.5 | 38.4 | 33.4 | 32.4 | 31.4 | 31.4 |
| 90° | 94.1 | 82.0 | 65.8 | 54.6 | 45.5 | 38.4 | 32.4 | 28.3 | 27.3 | 26.3 | 26.3 |
| 92.5° | 84.0 | 72.8 | 59.7 | 49.6 | 41.5 | 34.4 | 30.4 | 26.3 | 25.3 | 25.3 | 24.3 |
| 95° | 72.8 | 63.7 | 52.6 | 44.5 | 37.4 | 32.4 | 28.3 | 25.3 | 24.3 | 24.3 | 23.3 |
| 97.5° | 62.7 | 54.6 | 46.5 | 40.5 | 34.4 | 30.4 | 26.3 | 24.3 | 22.3 | 22.3 | 22.3 |
| 100° | 52.6 | 46.5 | 40.5 | 34.4 | 31.4 | 27.3 | 24.3 | 22.3 | 21.2 | 20.2 | 20.2 |
| 102.5° | 42.5 | 38.4 | 33.4 | 30.4 | 26.3 | 23.3 | 21.2 | 19.2 | 18.2 | 18.2 | 18.2 |
| 105° | 36.4 | 33.4 | 30.4 | 27.3 | 24.3 | 21.2 | 19.2 | 17.2 | 16.2 | 16.2 | 16.2 |
| 107.5° | 33.4 | 31.4 | 28.3 | 25.3 | 23.3 | 20.2 | 18.2 | 15.2 | 14.2 | 15.2 | 15.2 |
| 110° | 32.4 | 30.4 | 27.3 | 25.3 | 22.3 | 20.2 | 18.2 | 14.2 | 13.2 | 14.2 | 14.2 |



REPORT NUMBER: P691121

CATALOG NUMBER: CRTK2-C013-D-U-T2-7050-RMARROA5-HSS-CRTK2

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 179° | 180° |
|--------|-------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 32.4 | 30.4 | 28.3 | 25.3 | 23.3 | 20.2 | 18.2 | 14.2 | 13.2 | 13.2 | 13.2 |
| 115° | 33.4 | 32.4 | 29.3 | 27.3 | 24.3 | 21.2 | 18.2 | 14.2 | 13.2 | 13.2 | 13.2 |
| 117.5° | 37.4 | 35.4 | 32.4 | 29.3 | 26.3 | 22.3 | 19.2 | 14.2 | 13.2 | 13.2 | 13.2 |
| 120° | 41.5 | 39.5 | 36.4 | 32.4 | 28.3 | 24.3 | 20.2 | 14.2 | 12.1 | 13.2 | 13.2 |
| 122.5° | 48.6 | 45.5 | 41.5 | 36.4 | 31.4 | 26.3 | 20.2 | 15.2 | 11.1 | 13.2 | 13.2 |
| 125° | 57.7 | 53.6 | 47.6 | 40.5 | 34.4 | 28.3 | 21.2 | 15.2 | 12.1 | 13.2 | 13.2 |
| 127.5° | 67.8 | 62.7 | 54.6 | 45.5 | 37.4 | 29.3 | 22.3 | 15.2 | 12.1 | 12.1 | 13.2 |
| 130° | 80.9 | 72.8 | 61.7 | 50.6 | 40.5 | 31.4 | 22.3 | 15.2 | 12.1 | 12.1 | 12.1 |
| 132.5° | 92.1 | 82.0 | 67.8 | 54.6 | 42.5 | 32.4 | 22.3 | 15.2 | 11.1 | 11.1 | 11.1 |
| 135° | 103.2 | 90.0 | 72.8 | 57.7 | 44.5 | 32.4 | 22.3 | 14.2 | 11.1 | 11.1 | 11.1 |
| 137.5° | 112.3 | 95.1 | 76.9 | 58.7 | 44.5 | 31.4 | 21.2 | 13.2 | 10.1 | 10.1 | 10.1 |
| 140° | 117.4 | 98.1 | 77.9 | 58.7 | 42.5 | 30.4 | 19.2 | 12.1 | 9.1 | 9.1 | 9.1 |
| 142.5° | 117.4 | 97.1 | 76.9 | 56.7 | 40.5 | 28.3 | 17.2 | 10.1 | 8.1 | 8.1 | 8.1 |
| 145° | 113.3 | 93.1 | 72.8 | 53.6 | 37.4 | 25.3 | 15.2 | 9.1 | 6.1 | 6.1 | 7.1 |
| 147.5° | 106.2 | 86.0 | 66.8 | 48.6 | 33.4 | 21.2 | 13.2 | 7.1 | 5.1 | 5.1 | 5.1 |
| 150° | 94.1 | 75.9 | 57.7 | 42.5 | 28.3 | 18.2 | 11.1 | 6.1 | 4.0 | 4.0 | 4.0 |
| 152.5° | 78.9 | 62.7 | 48.6 | 35.4 | 23.3 | 14.2 | 8.1 | 5.1 | 3.0 | 3.0 | 3.0 |
| 155° | 62.7 | 49.6 | 38.4 | 27.3 | 17.2 | 11.1 | 6.1 | 4.0 | 3.0 | 3.0 | 3.0 |
| 157.5° | 46.5 | 37.4 | 28.3 | 20.2 | 13.2 | 8.1 | 5.1 | 3.0 | 2.0 | 2.0 | 2.0 |
| 160° | 32.4 | 26.3 | 19.2 | 13.2 | 8.1 | 5.1 | 3.0 | 2.0 | 1.0 | 1.0 | 1.0 |
| 162.5° | 21.2 | 16.2 | 12.1 | 8.1 | 5.1 | 3.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 165° | 10.1 | 8.1 | 6.1 | 4.0 | 2.0 | 2.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 3.0 | 2.0 | 1.0 | 1.0 | 1.0 | 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)