

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: P853299

Luminaire Tested: **CRTK-N-20-740-U-T2R-CNR**

Issue Date: 7/11/2024

Test Information

Test Method: LM-79-08
Report Number: P853299
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2405-111-3)
Test Lab: INNOVATION CENTER
Issue Date: 7/11/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: CRTK-N-20-740-U-T2R-CNR
Description:
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3485 lumens
Efficiency: N/A
Efficacy: 150.2 lumens/watt
Luminous Opening: Vertical Cylinder (Dia: 0.5' x H: 0.25')
IES Classification: Type II - Short
BUG Rating: B1 - U3 - G1

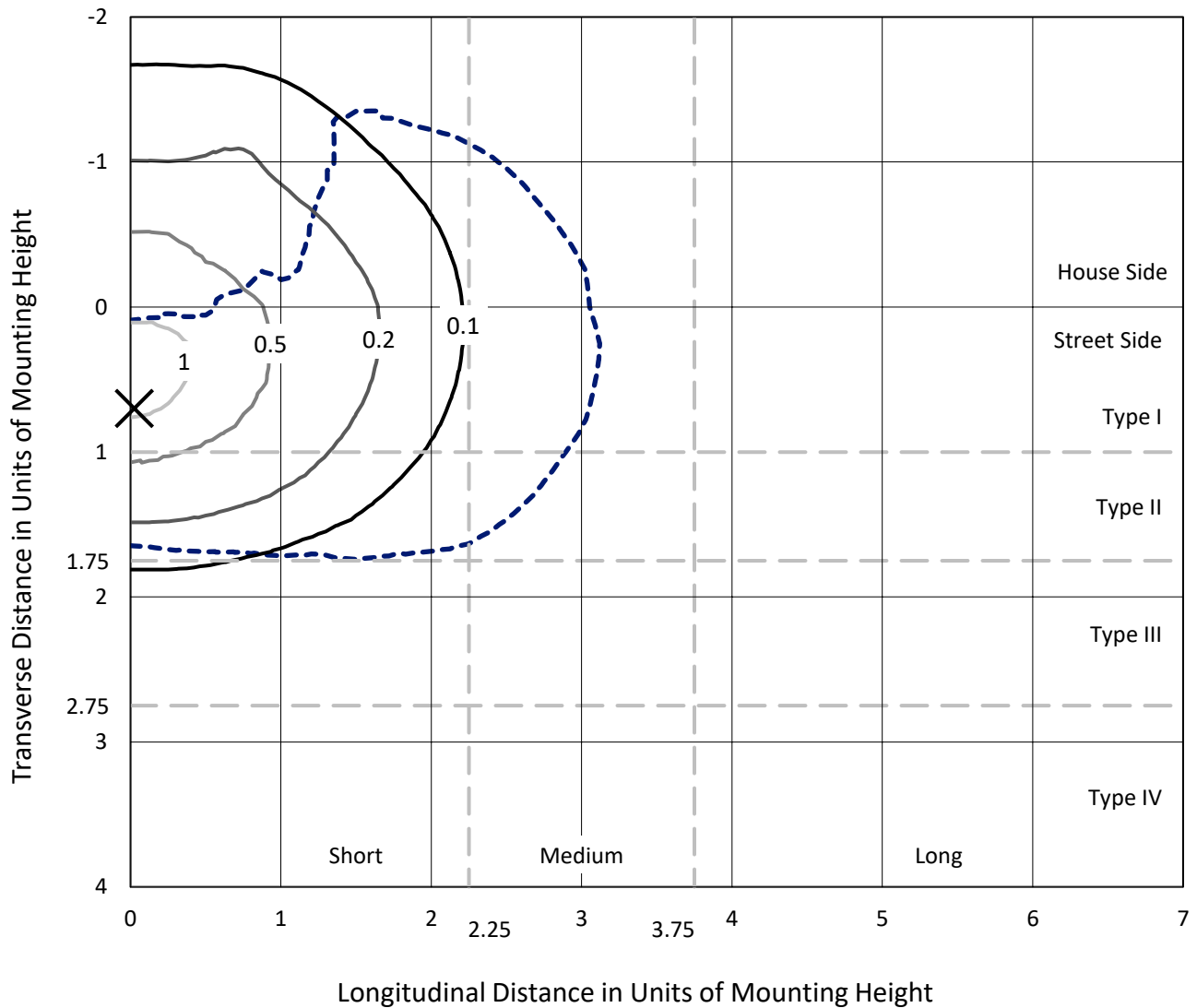
Input Watts (W): 23.2
Input Voltage (V): 120.0
Input Current (Ain): 0.196
Voltage Rise (V): NR
Power Factor: 0.9875
Total Harmonic Distortion (THDi): 10%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P853299
 CATALOG NUMBER: CRTK-N-20-740-U-T2R-CNR

Iso-Footcandle Lines of Horizontal Illumination

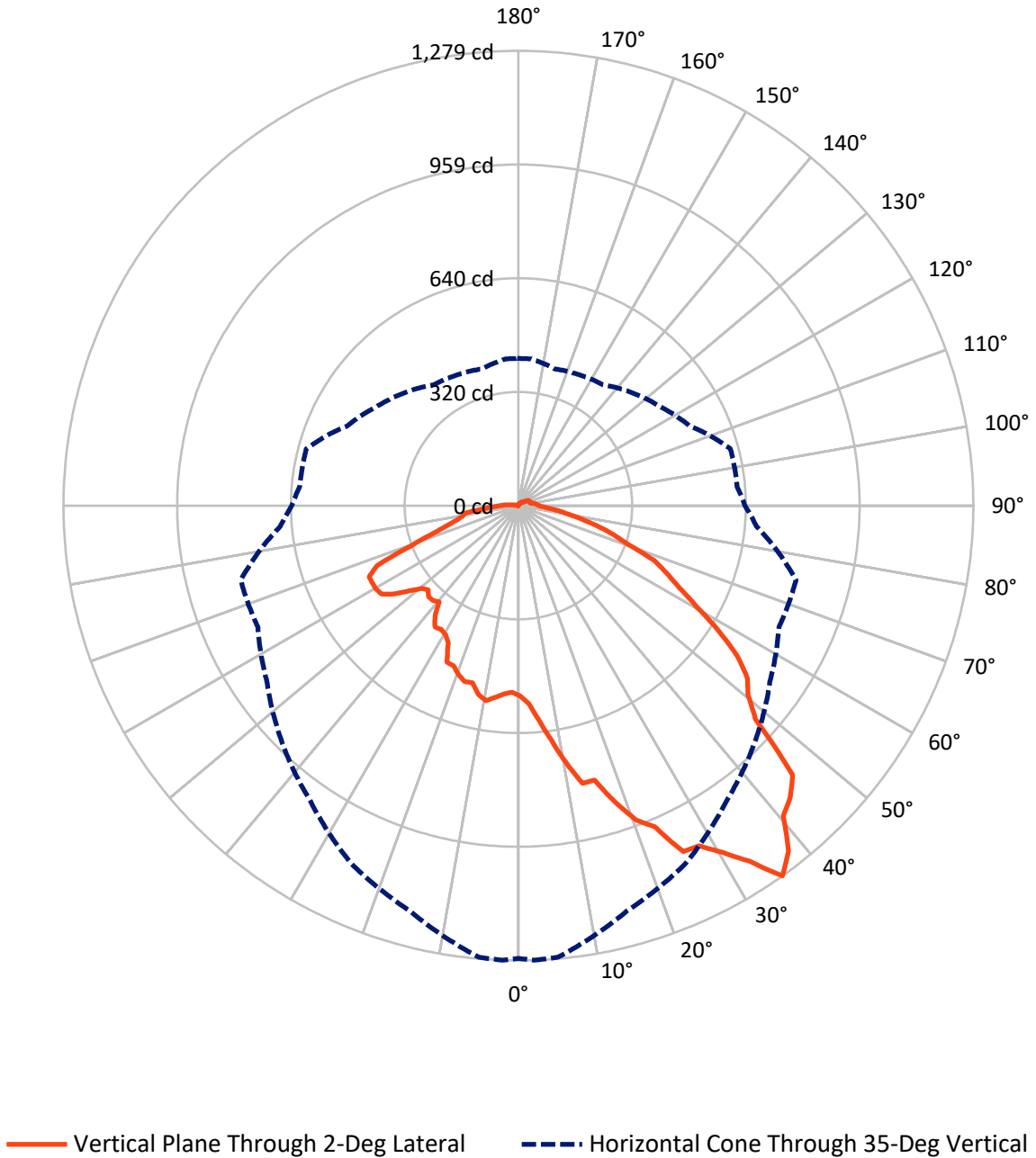
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.2 fc
 Type II - Short - N/A

REPORT NUMBER: P853299
CATALOG NUMBER: CRTK-N-20-740-U-T2R-CNR

Luminous Intensity Polar Plot



REPORT NUMBER: P853299
 CATALOG NUMBER: CRTK-N-20-740-U-T2R-CNR

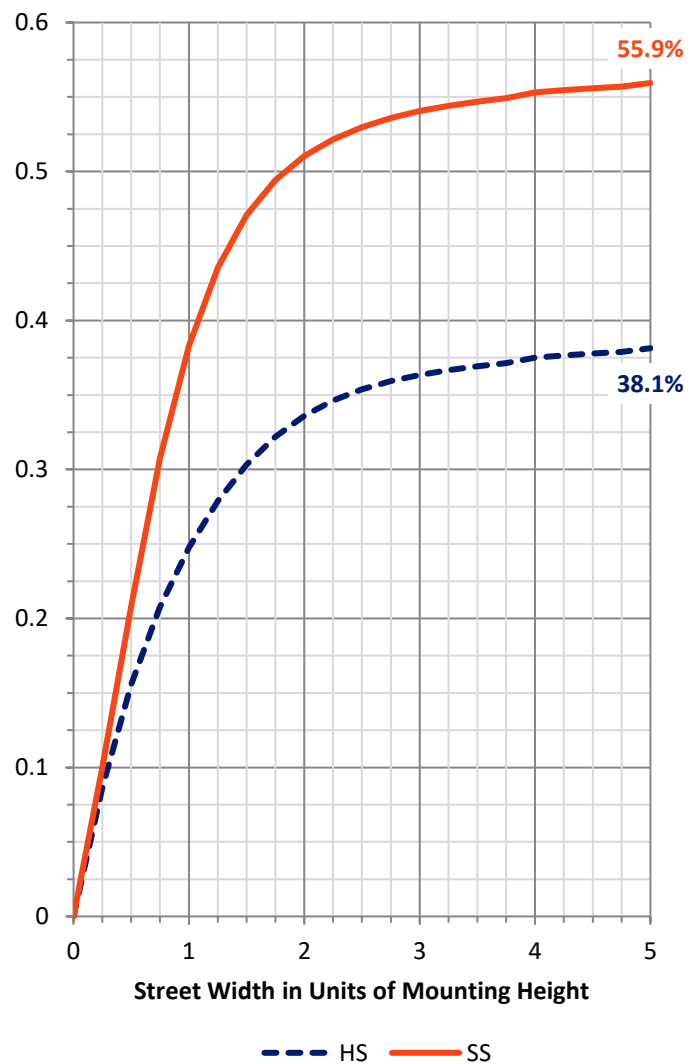
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1362.0 | 55.5 | 1417.6 |
| | % Fixture | 39.1 | 1.6 | 40.7 |
| Street Side | Lumens | 1976.5 | 90.9 | 2067.4 |
| | % Fixture | 56.7 | 2.6 | 59.3 |
| Total | Lumens | 3338.6 | 146.4 | 3485.0 |
| | % Fixture | 95.8 | 4.2 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 55.0 | 1.6 |
| 10°-20° | 184.1 | 5.3 |
| 20°-30° | 315.9 | 9.1 |
| 30°-40° | 453.9 | 13.0 |
| 40°-50° | 552.3 | 15.8 |
| 50°-60° | 648.1 | 18.6 |
| 60°-70° | 643.1 | 18.5 |
| 70°-80° | 357.6 | 10.3 |
| 80°-90° | 128.7 | 3.7 |
| 90°-100° | 46.8 | 1.3 |
| 100°-110° | 40.2 | 1.2 |
| 110°-120° | 33.4 | 1.0 |
| 120°-130° | 13.6 | 0.4 |
| 130°-140° | 6.8 | 0.2 |
| 140°-150° | 3.6 | 0.1 |
| 150°-160° | 1.7 | 0.0 |
| 160°-170° | 0.4 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-90° | 3338.6 | 95.8 |
| 0°-180° | 3485.0 | 100.0 |



REPORT NUMBER: P853299

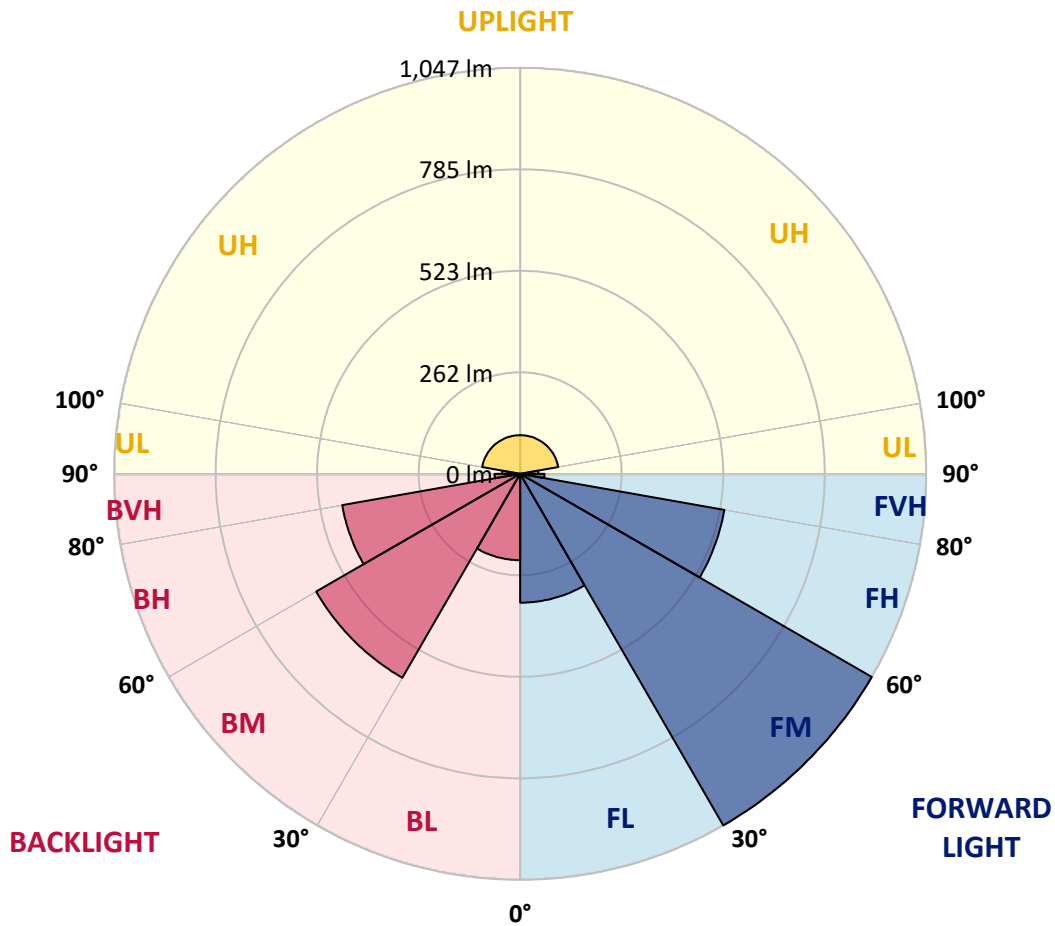
CATALOG NUMBER: CRTK-N-20-740-U-T2R-CNR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|--------|--------|
| | | | B | U | G |
| FL (0°-30°) | 332.2 | 9.5 | | | |
| FM (30°-60°) | 1046.9 | 30.0 | | | |
| FH (60°-80°) | 534.7 | 15.3 | | | G0/660 |
| FVH (80°-90°) | 62.7 | 1.8 | | | G1/100 |
| BL (0°-30°) | 222.7 | 6.4 | B1/500 | | |
| BM (30°-60°) | 607.4 | 17.4 | B1/1000 | | |
| BH (60°-80°) | 466.0 | 13.4 | B1/500 | | G1/500 |
| BVH (80°-90°) | 66.0 | 1.9 | | | G1/100 |
| UL (90°-100°) | 46.8 | 1.3 | | U2/50 | |
| UH (100°-180°) | 99.6 | 2.9 | | U3/500 | |

BUG Rating: B1-U3-G1

Type II Short



REPORT NUMBER: P853299

CATALOG NUMBER: CRTK-N-20-740-U-T2R-CNR

CANDELA DISTRIBUTION (FULL):

| | 0° | 2° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| 0° | 535.0 | 535.0 | 535.0 | 535.0 | 535.0 | 535.0 | 535.0 | 535.0 | 535.0 | 535.0 | 535.0 |
| 2.5° | 556.1 | 557.1 | 557.1 | 561.1 | 558.1 | 558.1 | 552.1 | 548.1 | 548.1 | 543.0 | 535.0 |
| 5° | 604.1 | 606.1 | 605.1 | 608.1 | 601.1 | 597.1 | 584.1 | 574.1 | 567.1 | 557.1 | 545.1 |
| 7.5° | 664.1 | 666.1 | 665.1 | 665.1 | 655.1 | 646.1 | 625.1 | 607.1 | 593.1 | 577.1 | 558.1 |
| 10° | 729.1 | 735.1 | 734.1 | 732.1 | 715.1 | 698.1 | 670.1 | 643.1 | 621.1 | 598.1 | 573.1 |
| 12.5° | 801.1 | 801.1 | 801.1 | 786.1 | 757.1 | 730.1 | 699.1 | 672.1 | 651.1 | 624.1 | 592.1 |
| 15° | 797.1 | 801.1 | 806.1 | 829.1 | 812.1 | 782.1 | 737.1 | 695.1 | 660.1 | 626.1 | 610.1 |
| 17.5° | 866.1 | 875.1 | 873.1 | 872.1 | 874.1 | 860.1 | 804.1 | 748.1 | 703.1 | 656.1 | 586.1 |
| 20° | 940.1 | 943.1 | 943.1 | 945.1 | 921.1 | 919.1 | 873.1 | 806.1 | 751.1 | 661.1 | 594.1 |
| 22.5° | 974.1 | 981.1 | 976.1 | 975.1 | 934.1 | 898.1 | 884.1 | 813.1 | 729.1 | 626.1 | 551.1 |
| 25° | 1072.1 | 1078.1 | 1066.1 | 1016.1 | 952.1 | 893.1 | 858.1 | 865.1 | 702.1 | 625.1 | 573.1 |
| 27.5° | 1080.1 | 1083.1 | 1088.1 | 1099.1 | 1047.1 | 980.1 | 895.1 | 743.1 | 721.1 | 683.1 | 628.1 |
| 30° | 1128.1 | 1132.1 | 1120.1 | 1153.1 | 1157.1 | 1043.1 | 878.1 | 743.1 | 749.1 | 709.1 | 684.1 |
| 32.5° | 1184.1 | 1192.1 | 1194.1 | 1202.1 | 1128.1 | 1062.1 | 864.1 | 791.1 | 776.1 | 754.1 | 690.1 |
| 35° | 1273.1 | 1279.1 | 1275.1 | 1180.1 | 1111.1 | 1017.1 | 940.1 | 863.1 | 808.1 | 808.1 | 672.1 |
| 37.5° | 1238.1 | 1233.1 | 1242.1 | 1197.1 | 1140.1 | 982.1 | 968.1 | 954.1 | 884.1 | 743.1 | 736.1 |
| 40° | 1144.1 | 1147.1 | 1145.1 | 1209.1 | 1092.1 | 1030.1 | 1004.1 | 962.1 | 870.1 | 798.1 | 787.1 |
| 42.5° | 1117.1 | 1121.1 | 1132.1 | 1079.1 | 1053.1 | 1089.1 | 1008.1 | 894.1 | 874.1 | 865.1 | 786.1 |
| 45° | 1104.1 | 1081.1 | 1060.1 | 988.1 | 969.1 | 970.1 | 966.1 | 964.1 | 928.1 | 855.1 | 721.1 |
| 47.5° | 895.1 | 897.1 | 909.1 | 959.1 | 945.1 | 974.1 | 955.1 | 928.1 | 892.1 | 731.1 | 687.1 |
| 50° | 835.1 | 836.1 | 852.1 | 877.1 | 919.1 | 994.1 | 983.1 | 921.1 | 861.1 | 817.1 | 768.1 |
| 52.5° | 808.1 | 806.1 | 813.1 | 829.1 | 870.1 | 950.1 | 946.1 | 922.1 | 903.1 | 880.1 | 815.1 |
| 55° | 755.1 | 747.1 | 761.1 | 785.1 | 821.1 | 901.1 | 941.1 | 940.1 | 937.1 | 911.1 | 853.1 |
| 57.5° | 665.1 | 663.1 | 674.1 | 707.1 | 761.1 | 833.1 | 902.1 | 925.1 | 934.1 | 935.1 | 890.1 |
| 60° | 579.1 | 574.1 | 588.1 | 628.1 | 674.1 | 777.1 | 851.1 | 891.1 | 924.1 | 938.1 | 925.1 |
| 62.5° | 512.0 | 507.0 | 518.0 | 550.1 | 602.1 | 693.1 | 801.1 | 875.1 | 929.1 | 942.1 | 929.1 |
| 65° | 458.0 | 458.0 | 460.0 | 490.0 | 533.0 | 593.1 | 737.1 | 821.1 | 897.1 | 923.1 | 916.1 |
| 67.5° | 406.0 | 412.0 | 411.0 | 441.0 | 471.0 | 536.0 | 623.1 | 722.1 | 840.1 | 878.1 | 875.1 |
| 70° | 329.0 | 328.0 | 338.0 | 381.0 | 426.0 | 473.0 | 547.1 | 644.1 | 730.1 | 759.1 | 767.1 |
| 72.5° | 282.0 | 279.0 | 286.0 | 310.0 | 353.0 | 408.0 | 450.0 | 503.0 | 551.1 | 609.1 | 612.1 |
| 75° | 233.0 | 231.0 | 237.0 | 256.0 | 281.0 | 312.0 | 332.0 | 372.0 | 414.0 | 455.0 | 452.0 |
| 77.5° | 183.0 | 181.0 | 185.0 | 199.0 | 217.0 | 242.0 | 265.0 | 295.0 | 304.0 | 320.0 | 328.0 |
| 80° | 141.0 | 139.0 | 144.0 | 165.0 | 176.0 | 187.0 | 192.0 | 204.0 | 208.0 | 228.0 | 249.0 |
| 82.5° | 115.0 | 113.0 | 119.0 | 122.0 | 123.0 | 132.0 | 141.0 | 148.0 | 156.0 | 168.0 | 169.0 |
| 85° | 81.0 | 81.0 | 84.0 | 87.0 | 90.0 | 97.0 | 105.0 | 111.0 | 118.0 | 125.0 | 130.0 |
| 87.5° | 65.0 | 65.0 | 66.0 | 67.0 | 72.0 | 77.0 | 83.0 | 90.0 | 96.0 | 99.0 | 101.0 |
| 90° | 56.0 | 57.0 | 57.0 | 58.0 | 59.0 | 61.0 | 64.0 | 69.0 | 72.0 | 74.0 | 75.0 |
| 92.5° | 52.0 | 52.0 | 52.0 | 52.0 | 51.0 | 50.0 | 50.0 | 51.0 | 53.0 | 54.0 | 53.0 |
| 95° | 50.0 | 50.0 | 50.0 | 48.0 | 49.0 | 48.0 | 45.0 | 43.0 | 41.0 | 41.0 | 40.0 |
| 97.5° | 45.0 | 45.0 | 45.0 | 43.0 | 42.0 | 42.0 | 41.0 | 39.0 | 37.0 | 36.0 | 34.0 |
| 100° | 37.0 | 37.0 | 37.0 | 37.0 | 39.0 | 40.0 | 39.0 | 39.0 | 38.0 | 36.0 | 35.0 |
| 102.5° | 34.0 | 34.0 | 34.0 | 35.0 | 38.0 | 42.0 | 44.0 | 44.0 | 42.0 | 41.0 | 40.0 |
| 105° | 35.0 | 35.0 | 35.0 | 41.0 | 49.0 | 49.0 | 44.0 | 44.0 | 46.0 | 50.0 | 50.0 |
| 107.5° | 34.0 | 34.0 | 35.0 | 43.0 | 59.0 | 70.0 | 70.0 | 61.0 | 62.0 | 58.0 | 55.0 |
| 110° | 34.0 | 34.0 | 34.0 | 37.0 | 41.0 | 48.0 | 64.0 | 77.0 | 89.0 | 89.0 | 86.0 |

REPORT NUMBER: P853299

CATALOG NUMBER: CRTK-N-20-740-U-T2R-CNR

CANDELA DISTRIBUTION (continued):

| | 0° | 2° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 32.0 | 32.0 | 33.0 | 34.0 | 36.0 | 40.0 | 45.0 | 56.0 | 65.0 | 73.0 | 75.0 |
| 115° | 32.0 | 32.0 | 32.0 | 33.0 | 35.0 | 38.0 | 42.0 | 48.0 | 53.0 | 57.0 | 54.0 |
| 117.5° | 31.0 | 31.0 | 32.0 | 31.0 | 32.0 | 35.0 | 38.0 | 40.0 | 41.0 | 39.0 | 34.0 |
| 120° | 26.0 | 26.0 | 26.0 | 27.0 | 28.0 | 29.0 | 30.0 | 31.0 | 29.0 | 28.0 | 26.0 |
| 122.5° | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 25.0 | 25.0 | 26.0 | 25.0 | 25.0 |
| 125° | 18.0 | 18.0 | 19.0 | 18.0 | 19.0 | 19.0 | 20.0 | 21.0 | 21.0 | 21.0 | 21.0 |
| 127.5° | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 17.0 | 18.0 | 18.0 | 17.0 | 17.0 |
| 130° | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 15.0 | 15.0 | 15.0 | 14.0 |
| 132.5° | 15.0 | 14.0 | 15.0 | 14.0 | 14.0 | 14.0 | 13.0 | 14.0 | 14.0 | 14.0 | 13.0 |
| 135° | 14.0 | 14.0 | 13.0 | 13.0 | 13.0 | 13.0 | 12.0 | 12.0 | 13.0 | 12.0 | 11.0 |
| 137.5° | 11.0 | 12.0 | 12.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 10.0 | 10.0 | 10.0 |
| 140° | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 9.0 | 10.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| 142.5° | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 8.0 | 8.0 | 8.0 |
| 145° | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 7.0 |
| 147.5° | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 |
| 150° | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 6.0 |
| 152.5° | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 |
| 155° | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| 157.5° | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 160° | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| 162.5° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 165° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 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 |

REPORT NUMBER: P853299

CATALOG NUMBER: CRTK-N-20-740-U-T2R-CNR

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 535.0 | 535.0 | 535.0 | 535.0 | 535.0 | 535.0 | 535.0 | 535.0 | 535.0 | 535.0 | 535.0 |
| 2.5° | 533.0 | 532.0 | 534.0 | 534.0 | 531.0 | 528.0 | 526.0 | 524.0 | 524.0 | 525.0 | 525.0 |
| 5° | 542.0 | 540.0 | 538.0 | 539.0 | 536.0 | 533.0 | 532.0 | 530.0 | 530.0 | 531.0 | 532.0 |
| 7.5° | 553.1 | 550.1 | 549.1 | 548.1 | 546.1 | 544.0 | 543.0 | 542.0 | 542.0 | 543.0 | 544.0 |
| 10° | 566.1 | 562.1 | 559.1 | 560.1 | 555.1 | 551.1 | 549.1 | 547.1 | 551.1 | 554.1 | 557.1 |
| 12.5° | 583.1 | 579.1 | 569.1 | 564.1 | 548.1 | 541.0 | 537.0 | 537.0 | 540.0 | 541.0 | 543.0 |
| 15° | 599.1 | 586.1 | 561.1 | 563.1 | 559.1 | 554.1 | 550.1 | 542.0 | 528.0 | 513.0 | 516.0 |
| 17.5° | 566.1 | 570.1 | 580.1 | 580.1 | 577.1 | 571.1 | 560.1 | 538.0 | 521.0 | 516.0 | 518.0 |
| 20° | 578.1 | 571.1 | 580.1 | 597.1 | 591.1 | 583.1 | 552.1 | 525.0 | 508.0 | 504.0 | 504.0 |
| 22.5° | 534.0 | 525.0 | 537.0 | 570.1 | 575.1 | 538.0 | 491.0 | 482.0 | 487.0 | 486.0 | 486.0 |
| 25° | 552.1 | 540.0 | 527.0 | 534.0 | 565.1 | 497.0 | 477.0 | 463.0 | 463.0 | 479.0 | 487.0 |
| 27.5° | 602.1 | 586.1 | 562.1 | 519.0 | 473.0 | 490.0 | 485.0 | 471.0 | 462.0 | 442.0 | 429.0 |
| 30° | 654.1 | 633.1 | 557.1 | 522.0 | 453.0 | 465.0 | 471.0 | 474.0 | 439.0 | 417.0 | 416.0 |
| 32.5° | 671.1 | 629.1 | 588.1 | 513.0 | 468.0 | 446.0 | 458.0 | 427.0 | 422.0 | 411.0 | 410.0 |
| 35° | 637.1 | 617.1 | 617.1 | 531.0 | 486.0 | 450.0 | 415.0 | 406.0 | 398.0 | 414.0 | 414.0 |
| 37.5° | 703.1 | 668.1 | 560.1 | 556.1 | 507.0 | 442.0 | 405.0 | 410.0 | 394.0 | 387.0 | 391.0 |
| 40° | 769.1 | 701.1 | 594.1 | 544.0 | 496.0 | 454.0 | 420.0 | 397.0 | 390.0 | 353.0 | 349.0 |
| 42.5° | 715.1 | 702.1 | 635.1 | 527.0 | 485.0 | 475.0 | 447.0 | 410.0 | 362.0 | 357.0 | 360.0 |
| 45° | 682.1 | 651.1 | 618.1 | 561.1 | 513.0 | 496.0 | 445.0 | 404.0 | 372.0 | 361.0 | 359.0 |
| 47.5° | 664.1 | 624.1 | 570.1 | 556.1 | 515.0 | 499.0 | 499.0 | 421.0 | 376.0 | 349.0 | 346.0 |
| 50° | 741.1 | 708.1 | 636.1 | 573.1 | 543.0 | 528.0 | 553.1 | 450.0 | 393.0 | 362.0 | 356.0 |
| 52.5° | 785.1 | 749.1 | 685.1 | 618.1 | 567.1 | 549.1 | 581.1 | 480.0 | 419.0 | 393.0 | 386.0 |
| 55° | 822.1 | 789.1 | 714.1 | 652.1 | 597.1 | 574.1 | 583.1 | 509.0 | 450.0 | 427.0 | 428.0 |
| 57.5° | 869.1 | 834.1 | 743.1 | 674.1 | 617.1 | 594.1 | 581.1 | 534.0 | 474.0 | 458.0 | 457.0 |
| 60° | 919.1 | 878.1 | 784.1 | 692.1 | 631.1 | 607.1 | 601.1 | 560.1 | 489.0 | 468.0 | 461.0 |
| 62.5° | 912.1 | 887.1 | 820.1 | 725.1 | 656.1 | 623.1 | 598.1 | 548.1 | 502.0 | 474.0 | 458.0 |
| 65° | 895.1 | 875.1 | 809.1 | 710.1 | 640.1 | 600.1 | 543.0 | 510.0 | 490.0 | 463.0 | 466.0 |
| 67.5° | 862.1 | 836.1 | 761.1 | 665.1 | 579.1 | 512.0 | 466.0 | 425.0 | 428.0 | 428.0 | 434.0 |
| 70° | 735.1 | 728.1 | 643.1 | 577.1 | 514.0 | 453.0 | 398.0 | 367.0 | 347.0 | 323.0 | 320.0 |
| 72.5° | 585.1 | 579.1 | 508.0 | 445.0 | 416.0 | 388.0 | 355.0 | 300.0 | 267.0 | 249.0 | 248.0 |
| 75° | 433.0 | 428.0 | 395.0 | 354.0 | 328.0 | 304.0 | 277.0 | 241.0 | 215.0 | 206.0 | 204.0 |
| 77.5° | 315.0 | 303.0 | 292.0 | 283.0 | 278.0 | 255.0 | 221.0 | 195.0 | 182.0 | 177.0 | 176.0 |
| 80° | 240.0 | 229.0 | 218.0 | 208.0 | 211.0 | 201.0 | 183.0 | 170.0 | 162.0 | 158.0 | 158.0 |
| 82.5° | 165.0 | 163.0 | 161.0 | 157.0 | 161.0 | 151.0 | 142.0 | 134.0 | 144.0 | 152.0 | 153.0 |
| 85° | 130.0 | 129.0 | 130.0 | 123.0 | 123.0 | 112.0 | 109.0 | 102.0 | 100.0 | 100.0 | 99.0 |
| 87.5° | 101.0 | 102.0 | 104.0 | 97.0 | 95.0 | 88.0 | 84.0 | 81.0 | 78.0 | 75.0 | 76.0 |
| 90° | 75.0 | 76.0 | 76.0 | 71.0 | 69.0 | 64.0 | 61.0 | 59.0 | 56.0 | 53.0 | 53.0 |
| 92.5° | 53.0 | 53.0 | 53.0 | 50.0 | 49.0 | 46.0 | 44.0 | 43.0 | 43.0 | 43.0 | 43.0 |
| 95° | 40.0 | 40.0 | 39.0 | 37.0 | 36.0 | 35.0 | 36.0 | 35.0 | 34.0 | 30.0 | 31.0 |
| 97.5° | 33.0 | 32.0 | 32.0 | 31.0 | 30.0 | 29.0 | 27.0 | 24.0 | 21.0 | 17.0 | 18.0 |
| 100° | 34.0 | 33.0 | 32.0 | 32.0 | 30.0 | 24.0 | 20.0 | 17.0 | 14.0 | 11.0 | 11.0 |
| 102.5° | 40.0 | 39.0 | 36.0 | 34.0 | 31.0 | 25.0 | 19.0 | 15.0 | 12.0 | 7.0 | 7.0 |
| 105° | 48.0 | 46.0 | 40.0 | 37.0 | 32.0 | 25.0 | 20.0 | 16.0 | 11.0 | 5.0 | 4.0 |
| 107.5° | 53.0 | 48.0 | 44.0 | 42.0 | 42.0 | 37.0 | 30.0 | 18.0 | 9.0 | 4.0 | 2.0 |
| 110° | 84.0 | 79.0 | 69.0 | 63.0 | 56.0 | 43.0 | 25.0 | 14.0 | 6.0 | 3.0 | 2.0 |

REPORT NUMBER: P853299

CATALOG NUMBER: CRTK-N-20-740-U-T2R-CNR

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 74.0 | 71.0 | 61.0 | 49.0 | 37.0 | 26.0 | 15.0 | 10.0 | 6.0 | 2.0 | 2.0 |
| 115° | 50.0 | 46.0 | 36.0 | 30.0 | 23.0 | 17.0 | 12.0 | 9.0 | 6.0 | 3.0 | 1.0 |
| 117.5° | 31.0 | 29.0 | 25.0 | 21.0 | 19.0 | 15.0 | 11.0 | 8.0 | 4.0 | 1.0 | 0.0 |
| 120° | 25.0 | 24.0 | 21.0 | 19.0 | 15.0 | 13.0 | 9.0 | 7.0 | 3.0 | 0.0 | 0.0 |
| 122.5° | 23.0 | 22.0 | 19.0 | 16.0 | 14.0 | 11.0 | 8.0 | 5.0 | 2.0 | 1.0 | 0.0 |
| 125° | 20.0 | 20.0 | 18.0 | 15.0 | 13.0 | 11.0 | 7.0 | 4.0 | 1.0 | 1.0 | 1.0 |
| 127.5° | 16.0 | 16.0 | 14.0 | 13.0 | 10.0 | 8.0 | 6.0 | 4.0 | 1.0 | 1.0 | 1.0 |
| 130° | 14.0 | 13.0 | 12.0 | 10.0 | 8.0 | 6.0 | 5.0 | 3.0 | 1.0 | 1.0 | 1.0 |
| 132.5° | 13.0 | 12.0 | 10.0 | 9.0 | 7.0 | 5.0 | 4.0 | 3.0 | 1.0 | 1.0 | 1.0 |
| 135° | 11.0 | 10.0 | 9.0 | 8.0 | 6.0 | 5.0 | 4.0 | 2.0 | 1.0 | 1.0 | 1.0 |
| 137.5° | 9.0 | 9.0 | 8.0 | 7.0 | 5.0 | 5.0 | 4.0 | 2.0 | 1.0 | 1.0 | 1.0 |
| 140° | 8.0 | 8.0 | 7.0 | 6.0 | 5.0 | 4.0 | 3.0 | 2.0 | 1.0 | 1.0 | 1.0 |
| 142.5° | 7.0 | 7.0 | 6.0 | 5.0 | 4.0 | 3.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 145° | 7.0 | 7.0 | 6.0 | 5.0 | 4.0 | 3.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 147.5° | 6.0 | 6.0 | 6.0 | 5.0 | 3.0 | 3.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 150° | 6.0 | 6.0 | 5.0 | 4.0 | 3.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 152.5° | 5.0 | 5.0 | 5.0 | 4.0 | 3.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 155° | 5.0 | 4.0 | 4.0 | 3.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 157.5° | 4.0 | 4.0 | 3.0 | 3.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 160° | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 162.5° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 165° | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 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)