

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: P195314

Luminaire Tested: **NVN-AF-02-LED-U-T2R-7060-600**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P195314
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P24459)
Test Lab: INNOVATION CENTER P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-AF-02-LED-U-T2R-7060-600
Description: NAVION ROADWAY AND AREA LUMINAIRE
(2) 70 CRI, 5700K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND TYPE II
ROADWAY OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8410 lumens
Efficiency: N/A
Efficacy: 127.4 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type II - Short - Semi-Cutoff
BUG Rating: B1 - U0 - G2

Input Watts (W): 66
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

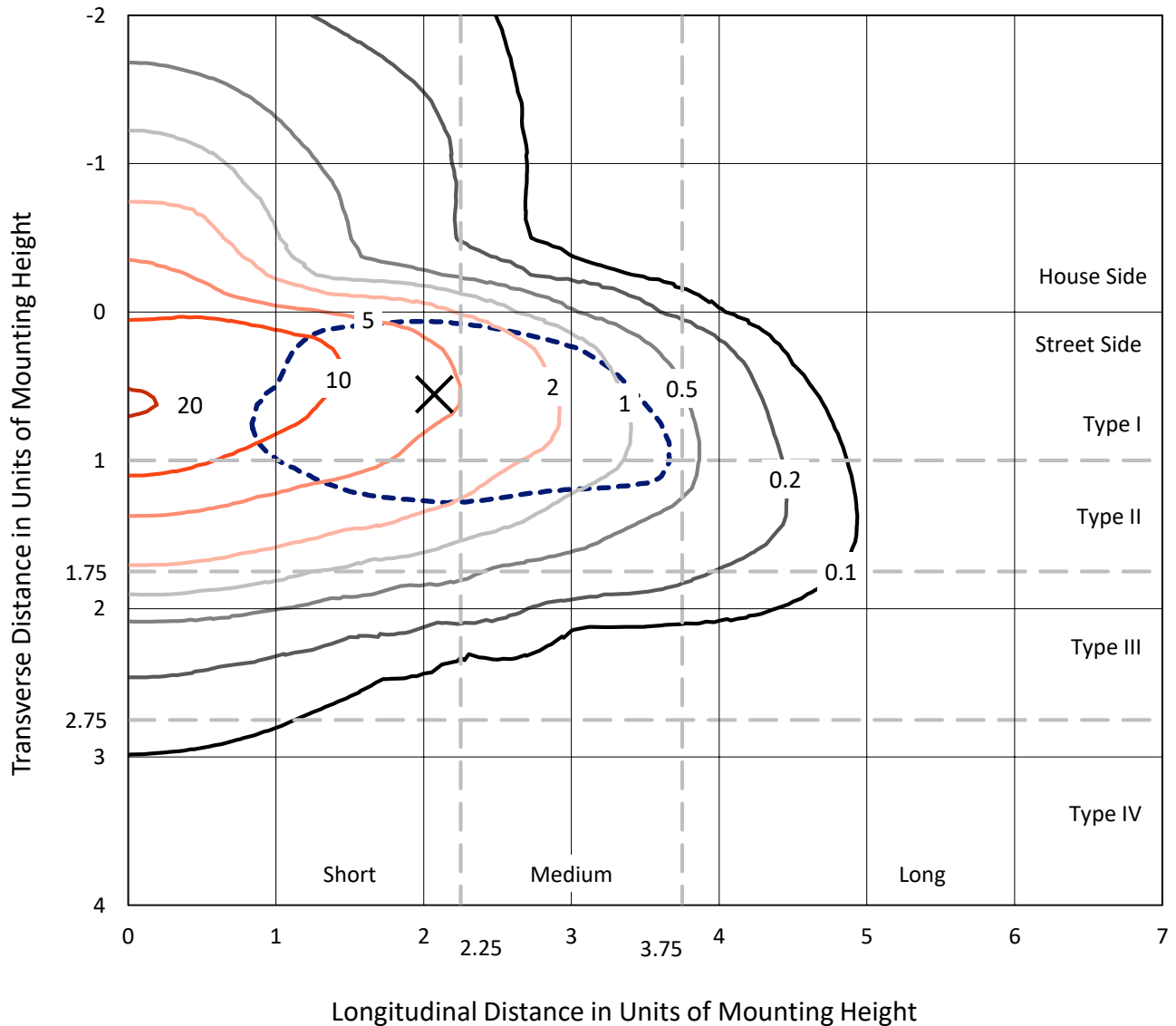


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Iso-Footcandle Lines of Horizontal Illumination

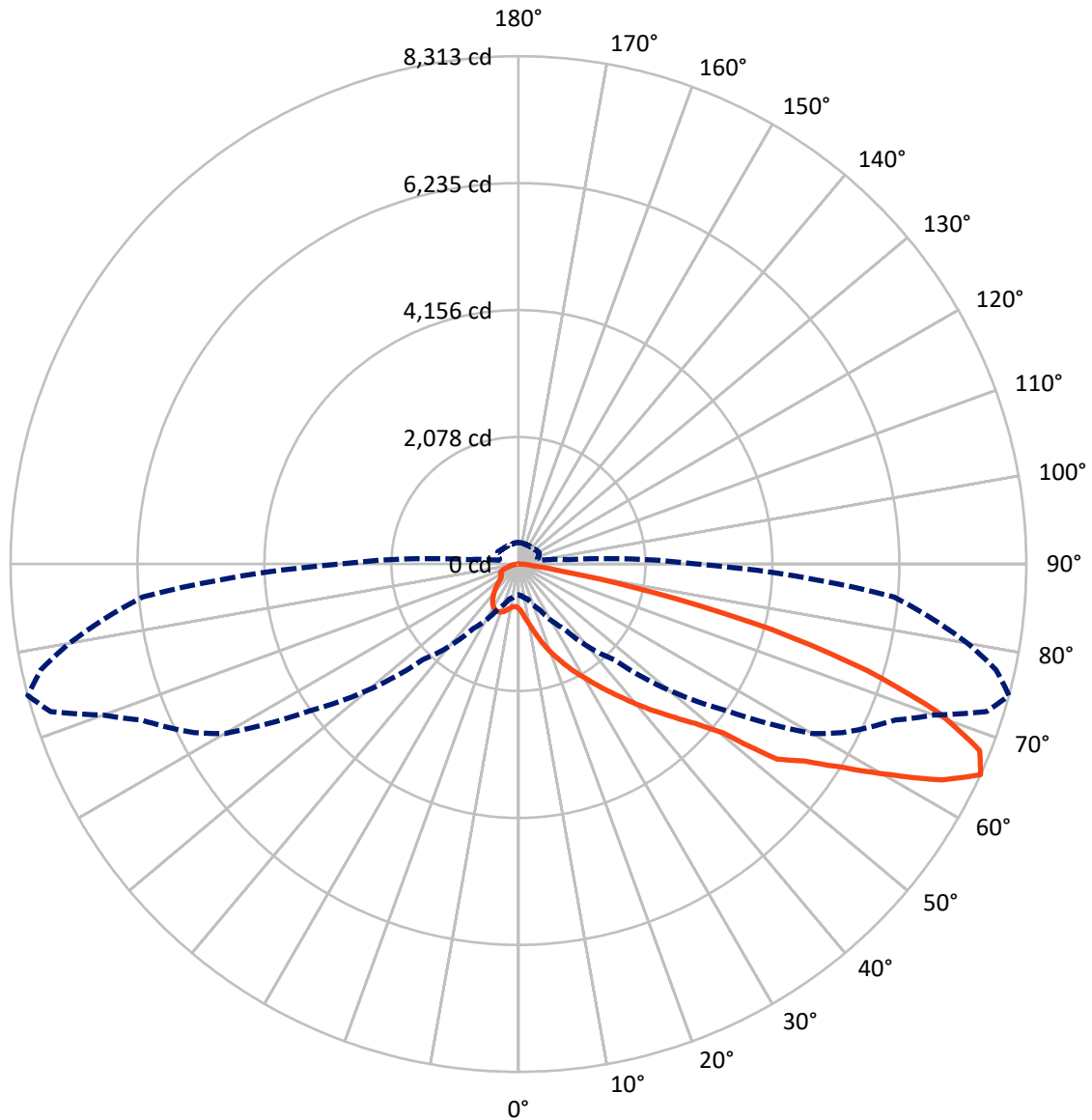
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 20.9 fc
 Type II - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical



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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1263.7 | 0.0 | 1263.7 |
| | % Fixture | 15.0 | 0.0 | 15.0 |
| Street Side | Lumens | 7146.3 | 0.0 | 7146.3 |
| | % Fixture | 85.0 | 0.0 | 85.0 |
| Total | Lumens | 8410.0 | 0.0 | 8410.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 86.0 | 1.0 |
| 10°-20° | 328.6 | 3.9 |
| 20°-30° | 663.1 | 7.9 |
| 30°-40° | 1126.1 | 13.4 |
| 40°-50° | 1570.7 | 18.7 |
| 50°-60° | 1925.0 | 22.9 |
| 60°-70° | 1811.2 | 21.5 |
| 70°-80° | 794.2 | 9.4 |
| 80°-90° | 105.1 | 1.2 |
| 90°-100° | 0.0 | 0.0 |
| 100°-110° | 0.0 | 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° | 8410.0 | 100.0 |
| 0°-180° | 8410.0 | 100.0 |

Coefficient of Utilization



REPORT NUMBER: P195314

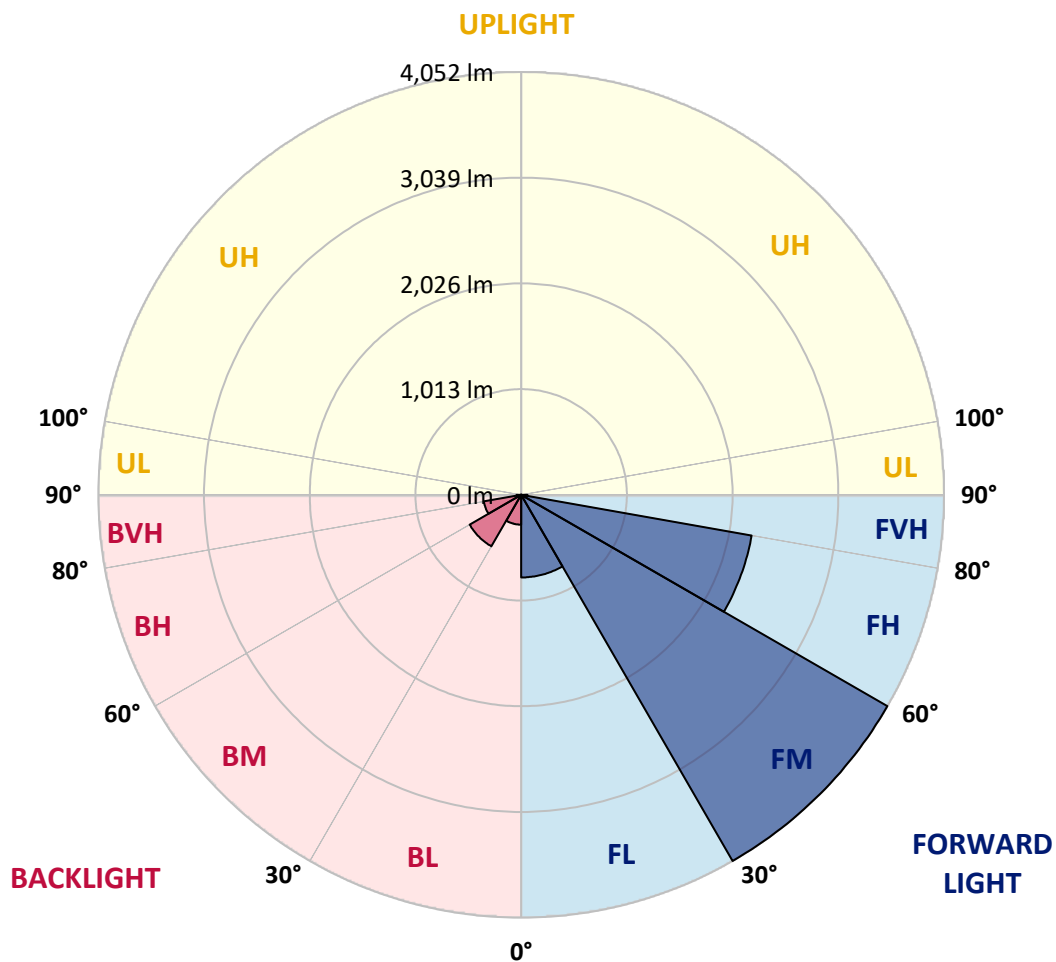
CATALOG NUMBER: NVN-AF-02-LED-U-T2R-7060-600

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 791.6 | 9.4 | | | |
| FM | (30°-60°) | 4051.6 | 48.2 | | | |
| FH | (60°-80°) | 2242.2 | 26.7 | | | G2/5000 |
| FVH | (80°-90°) | 60.9 | 0.7 | | | G1/100 |
| BL | (0°-30°) | 286.1 | 3.4 | B1/500 | | |
| BM | (30°-60°) | 570.3 | 6.8 | B1/1000 | | |
| BH | (60°-80°) | 363.2 | 4.3 | B1/500 | | G1/500 |
| BVH | (80°-90°) | 44.2 | 0.5 | | | G1/100 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B1-U0-G2

Type II Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 57.5° | 60° | 62.5° | 65° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 728.7 | 728.7 | 728.7 | 728.7 | 728.7 | 728.7 | 728.7 | 728.7 | 728.7 | 728.7 | 728.7 |
| 2.5° | 917.5 | 906.8 | 907.9 | 892.9 | 871.0 | 846.9 | 827.1 | 816.4 | 807.3 | 804.6 | 789.7 |
| 5° | 1200.0 | 1186.6 | 1181.8 | 1147.6 | 1096.2 | 1035.2 | 974.8 | 951.2 | 932.0 | 920.2 | 891.3 |
| 7.5° | 1431.1 | 1424.2 | 1417.8 | 1386.2 | 1335.4 | 1257.3 | 1159.9 | 1125.1 | 1093.0 | 1057.7 | 1022.9 |
| 10° | 1588.4 | 1585.8 | 1583.1 | 1561.1 | 1518.9 | 1450.9 | 1346.1 | 1308.1 | 1268.0 | 1223.0 | 1177.5 |
| 12.5° | 1707.2 | 1707.2 | 1709.3 | 1691.1 | 1665.5 | 1613.0 | 1517.8 | 1482.5 | 1441.8 | 1394.8 | 1342.9 |
| 15° | 1786.9 | 1789.1 | 1800.3 | 1805.6 | 1792.3 | 1758.6 | 1675.1 | 1644.1 | 1605.5 | 1559.0 | 1507.6 |
| 17.5° | 1839.9 | 1844.2 | 1860.7 | 1878.4 | 1895.5 | 1883.7 | 1821.7 | 1792.8 | 1758.0 | 1715.2 | 1667.1 |
| 20° | 1962.9 | 1957.6 | 1958.1 | 1952.8 | 1977.9 | 1987.0 | 1952.8 | 1928.7 | 1900.9 | 1861.8 | 1817.9 |
| 22.5° | 2221.3 | 2211.2 | 2185.0 | 2118.1 | 2087.6 | 2084.4 | 2064.0 | 2051.2 | 2029.8 | 2005.2 | 1961.3 |
| 25° | 2558.4 | 2546.6 | 2494.7 | 2384.5 | 2293.6 | 2209.6 | 2172.1 | 2164.1 | 2150.2 | 2133.6 | 2102.0 |
| 27.5° | 2906.7 | 2893.8 | 2827.0 | 2687.9 | 2569.1 | 2399.5 | 2282.9 | 2272.2 | 2259.3 | 2252.4 | 2237.4 |
| 30° | 3213.2 | 3199.3 | 3133.5 | 2992.3 | 2848.9 | 2646.7 | 2432.1 | 2394.7 | 2372.7 | 2374.9 | 2366.3 |
| 32.5° | 3482.3 | 3470.0 | 3396.2 | 3252.3 | 3106.8 | 2910.4 | 2625.8 | 2567.5 | 2518.3 | 2500.1 | 2506.5 |
| 35° | 3708.1 | 3696.9 | 3616.1 | 3471.1 | 3324.5 | 3161.3 | 2875.1 | 2787.4 | 2707.1 | 2656.8 | 2650.9 |
| 37.5° | 3840.8 | 3834.4 | 3777.7 | 3654.6 | 3509.1 | 3389.2 | 3154.4 | 3057.0 | 2938.8 | 2865.5 | 2833.4 |
| 40° | 3833.3 | 3840.3 | 3830.6 | 3775.0 | 3662.1 | 3574.9 | 3445.4 | 3349.1 | 3233.6 | 3124.4 | 3059.2 |
| 42.5° | 3724.2 | 3733.8 | 3777.1 | 3806.0 | 3775.5 | 3722.6 | 3699.6 | 3627.9 | 3524.1 | 3408.5 | 3318.1 |
| 45° | 3574.4 | 3582.9 | 3639.1 | 3743.4 | 3830.6 | 3845.6 | 3922.1 | 3886.3 | 3798.5 | 3700.1 | 3600.6 |
| 47.5° | 3344.8 | 3361.4 | 3426.7 | 3592.5 | 3800.1 | 3944.6 | 4108.8 | 4125.4 | 4074.6 | 3993.3 | 3900.2 |
| 50° | 3012.6 | 3034.5 | 3126.0 | 3362.0 | 3684.6 | 4046.2 | 4386.5 | 4449.6 | 4429.3 | 4346.9 | 4252.7 |
| 52.5° | 2672.3 | 2694.3 | 2816.3 | 3067.2 | 3498.4 | 4088.0 | 4659.9 | 4821.5 | 4938.1 | 5023.1 | 5039.7 |
| 55° | 2318.2 | 2342.8 | 2476.5 | 2765.4 | 3250.1 | 4035.0 | 4855.2 | 5038.7 | 5156.9 | 5245.7 | 5281.6 |
| 57.5° | 1918.5 | 1946.3 | 2075.8 | 2367.9 | 2899.2 | 3822.1 | 5072.4 | 5332.4 | 5508.4 | 5645.4 | 5722.4 |
| 60° | 1460.0 | 1494.8 | 1629.1 | 1923.3 | 2438.0 | 3414.4 | 5169.2 | 5553.9 | 5833.7 | 6039.1 | 6161.1 |
| 62.5° | 925.6 | 960.9 | 1100.5 | 1406.0 | 1913.2 | 2857.5 | 4895.3 | 5456.5 | 5933.7 | 6237.6 | 6461.2 |
| 65° | 505.0 | 520.6 | 598.1 | 828.2 | 1289.9 | 2217.1 | 4200.8 | 4862.6 | 5550.1 | 5980.8 | 6324.3 |
| 67.5° | 378.8 | 380.9 | 388.9 | 445.1 | 686.9 | 1496.9 | 3284.4 | 3890.5 | 4654.0 | 5208.3 | 5618.6 |
| 70° | 331.7 | 331.7 | 332.8 | 333.3 | 372.9 | 811.1 | 2225.1 | 2783.1 | 3482.9 | 4043.6 | 4553.4 |
| 72.5° | 297.5 | 294.3 | 293.2 | 286.8 | 292.1 | 415.7 | 1211.2 | 1712.5 | 2302.7 | 2931.8 | 3407.4 |
| 75° | 256.8 | 256.3 | 256.3 | 249.8 | 253.1 | 292.6 | 525.4 | 821.8 | 1279.2 | 1865.0 | 2333.2 |
| 77.5° | 222.0 | 218.3 | 218.8 | 215.1 | 225.2 | 224.2 | 249.3 | 338.7 | 556.9 | 979.6 | 1368.0 |
| 80° | 183.0 | 180.3 | 181.9 | 179.8 | 195.8 | 165.9 | 168.0 | 207.0 | 276.6 | 429.6 | 605.6 |
| 82.5° | 135.4 | 136.4 | 146.6 | 145.5 | 164.8 | 111.8 | 123.1 | 154.6 | 186.2 | 214.0 | 232.7 |
| 85° | 79.2 | 80.8 | 105.4 | 110.7 | 120.9 | 58.9 | 75.4 | 92.0 | 103.8 | 115.0 | 119.8 |
| 87.5° | 8.6 | 11.2 | 58.9 | 60.5 | 54.0 | 17.7 | 30.5 | 38.5 | 41.2 | 43.9 | 38.5 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P195314

CATALOG NUMBER: NVN-AF-02-LED-U-T2R-7060-600

CANDELA DISTRIBUTION (continued):

| | 67.5° | 70° | 72.5° | 75° | 77.5° | 80° | 85° | 90° | 95° | 100° | 102.5° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|
| 0° | 728.7 | 728.7 | 728.7 | 728.7 | 728.7 | 728.7 | 728.7 | 728.7 | 728.7 | 728.7 | 728.7 |
| 2.5° | 784.9 | 777.9 | 770.4 | 766.1 | 758.6 | 752.2 | 740.4 | 730.8 | 720.1 | 712.6 | 709.4 |
| 5° | 876.9 | 860.3 | 842.6 | 829.8 | 813.7 | 799.8 | 773.1 | 741.0 | 730.8 | 709.4 | 704.1 |
| 7.5° | 996.7 | 966.8 | 936.8 | 912.2 | 884.4 | 861.4 | 816.4 | 758.6 | 751.1 | 716.9 | 709.4 |
| 10° | 1137.4 | 1093.5 | 1049.1 | 1011.2 | 970.5 | 935.2 | 868.8 | 787.5 | 779.5 | 735.6 | 728.1 |
| 12.5° | 1294.7 | 1241.2 | 1184.0 | 1127.3 | 1079.1 | 1029.3 | 938.9 | 832.5 | 819.6 | 767.7 | 757.6 |
| 15° | 1456.8 | 1399.0 | 1332.7 | 1264.2 | 1204.8 | 1139.0 | 1025.1 | 891.3 | 867.8 | 806.8 | 792.9 |
| 17.5° | 1616.8 | 1554.2 | 1484.6 | 1408.1 | 1338.6 | 1259.9 | 1118.2 | 957.1 | 916.5 | 845.3 | 827.7 |
| 20° | 1771.4 | 1707.7 | 1634.4 | 1559.5 | 1472.9 | 1383.0 | 1213.4 | 1021.9 | 959.8 | 877.4 | 854.4 |
| 22.5° | 1912.1 | 1857.5 | 1784.2 | 1698.1 | 1610.4 | 1509.2 | 1310.2 | 1086.6 | 997.8 | 902.0 | 872.6 |
| 25° | 2060.3 | 2010.5 | 1937.8 | 1854.9 | 1752.7 | 1640.3 | 1410.3 | 1148.1 | 1028.3 | 915.4 | 879.0 |
| 27.5° | 2210.1 | 2167.3 | 2098.8 | 2011.6 | 1901.9 | 1777.3 | 1511.9 | 1204.8 | 1052.9 | 919.7 | 875.8 |
| 30° | 2370.1 | 2336.9 | 2273.8 | 2176.4 | 2065.6 | 1927.6 | 1622.7 | 1260.5 | 1068.4 | 913.8 | 861.4 |
| 32.5° | 2521.5 | 2520.4 | 2464.2 | 2363.1 | 2243.8 | 2091.9 | 1739.3 | 1316.6 | 1076.4 | 897.2 | 836.2 |
| 35° | 2678.8 | 2700.7 | 2658.4 | 2562.1 | 2436.4 | 2267.9 | 1868.2 | 1376.6 | 1077.0 | 867.8 | 803.6 |
| 37.5° | 2857.5 | 2896.5 | 2877.8 | 2786.3 | 2654.2 | 2468.5 | 2019.6 | 1444.0 | 1073.8 | 827.1 | 756.0 |
| 40° | 3060.8 | 3114.3 | 3113.7 | 3036.7 | 2895.4 | 2693.2 | 2195.7 | 1519.4 | 1066.3 | 776.3 | 699.8 |
| 42.5° | 3293.5 | 3357.1 | 3374.8 | 3298.8 | 3156.0 | 2938.8 | 2397.4 | 1602.3 | 1054.5 | 726.0 | 640.4 |
| 45° | 3559.9 | 3616.1 | 3649.3 | 3578.6 | 3435.3 | 3206.3 | 2629.0 | 1696.5 | 1040.0 | 661.3 | 572.5 |
| 47.5° | 3845.1 | 3910.3 | 3960.1 | 3899.6 | 3746.6 | 3511.2 | 2903.5 | 1817.9 | 1034.7 | 587.4 | 499.2 |
| 50° | 4198.7 | 4266.1 | 4373.7 | 4346.4 | 4262.4 | 4073.0 | 3483.9 | 2104.7 | 1036.8 | 517.3 | 437.6 |
| 52.5° | 5076.1 | 5230.7 | 5366.6 | 5306.2 | 5106.6 | 4781.9 | 3955.8 | 2264.1 | 991.9 | 460.1 | 394.8 |
| 55° | 5340.9 | 5516.4 | 5717.0 | 5691.9 | 5500.4 | 5173.0 | 4328.7 | 2397.4 | 948.6 | 418.4 | 367.0 |
| 57.5° | 5804.3 | 6011.3 | 6291.6 | 6286.3 | 6051.4 | 5682.8 | 4808.6 | 2556.8 | 929.8 | 394.3 | 353.1 |
| 60° | 6294.9 | 6558.6 | 6946.0 | 7006.4 | 6751.2 | 6367.6 | 5375.7 | 2752.6 | 932.5 | 380.9 | 345.1 |
| 62.5° | 6653.3 | 7040.1 | 7603.5 | 7784.3 | 7483.6 | 7061.0 | 5964.2 | 2948.4 | 916.5 | 365.4 | 335.4 |
| 65° | 6675.2 | 7232.2 | 8031.5 | 8312.9 | 8008.5 | 7465.4 | 6171.8 | 2909.9 | 820.2 | 344.5 | 319.9 |
| 67.5° | 6140.2 | 6865.7 | 7836.7 | 8145.4 | 7834.1 | 7216.1 | 5808.0 | 2543.9 | 666.6 | 308.2 | 293.2 |
| 70° | 5114.1 | 5956.2 | 6964.1 | 7308.2 | 7050.8 | 6425.4 | 5054.7 | 2031.9 | 498.1 | 260.0 | 253.1 |
| 72.5° | 3952.1 | 4737.5 | 5652.8 | 5971.2 | 5774.3 | 5224.3 | 3986.8 | 1480.9 | 355.8 | 210.8 | 205.4 |
| 75° | 2825.4 | 3494.1 | 4158.6 | 4280.0 | 4085.8 | 3580.8 | 2586.7 | 925.0 | 249.3 | 172.8 | 165.3 |
| 77.5° | 1749.5 | 2184.4 | 2423.0 | 2266.8 | 2019.1 | 1678.3 | 1052.9 | 456.9 | 165.9 | 140.7 | 133.2 |
| 80° | 776.3 | 911.1 | 850.7 | 758.1 | 598.7 | 492.2 | 321.5 | 202.8 | 107.0 | 108.6 | 104.3 |
| 82.5° | 261.1 | 276.1 | 268.6 | 267.0 | 240.8 | 210.8 | 136.4 | 87.7 | 59.9 | 69.6 | 67.9 |
| 85° | 127.3 | 133.2 | 133.8 | 138.6 | 120.4 | 93.6 | 36.9 | 34.8 | 25.7 | 37.5 | 39.1 |
| 87.5° | 38.5 | 39.1 | 35.3 | 38.5 | 31.0 | 21.4 | 7.0 | 9.6 | 4.8 | 9.1 | 9.1 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P195314

CATALOG NUMBER: NVN-AF-02-LED-U-T2R-7060-600

CANDELA DISTRIBUTION (continued):

| | 105° | 107.5° | 110° | 112.5° | 115° | 117.5° | 120° | 122.5° | 125° | 127.5° | 130° |
|-------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 0° | 728.7 | 728.7 | 728.7 | 728.7 | 728.7 | 728.7 | 728.7 | 728.7 | 728.7 | 728.7 | 728.7 |
| 2.5° | 703.5 | 701.4 | 697.6 | 693.4 | 692.3 | 686.9 | 685.3 | 682.7 | 681.1 | 678.4 | 676.2 |
| 5° | 697.1 | 693.4 | 689.1 | 684.3 | 684.3 | 676.8 | 673.6 | 670.4 | 670.4 | 665.5 | 663.4 |
| 7.5° | 703.5 | 698.7 | 693.9 | 689.6 | 691.2 | 682.7 | 679.5 | 676.2 | 675.7 | 670.9 | 668.8 |
| 10° | 721.7 | 716.9 | 711.0 | 706.7 | 705.1 | 698.2 | 694.4 | 689.6 | 686.4 | 683.2 | 680.0 |
| 12.5° | 749.5 | 743.1 | 735.6 | 726.5 | 722.8 | 716.9 | 711.0 | 704.6 | 697.1 | 693.9 | 689.1 |
| 15° | 782.7 | 772.0 | 761.8 | 750.6 | 740.4 | 734.6 | 726.5 | 716.4 | 706.2 | 701.9 | 695.5 |
| 17.5° | 810.0 | 798.8 | 784.3 | 770.9 | 752.8 | 747.9 | 736.7 | 724.4 | 707.8 | 706.2 | 696.6 |
| 20° | 833.0 | 815.9 | 798.2 | 782.2 | 754.4 | 751.7 | 737.8 | 723.3 | 699.8 | 699.8 | 688.0 |
| 22.5° | 845.8 | 822.3 | 801.4 | 780.0 | 745.3 | 743.1 | 727.1 | 709.9 | 681.1 | 682.1 | 667.7 |
| 25° | 848.0 | 819.6 | 793.4 | 767.7 | 727.6 | 723.9 | 703.5 | 684.8 | 653.2 | 651.1 | 636.1 |
| 27.5° | 839.4 | 806.3 | 775.8 | 744.7 | 701.4 | 693.4 | 670.9 | 648.4 | 617.4 | 612.0 | 596.0 |
| 30° | 819.6 | 780.6 | 746.3 | 710.5 | 665.0 | 652.2 | 628.6 | 605.6 | 574.1 | 567.1 | 552.1 |
| 32.5° | 788.1 | 743.7 | 705.7 | 669.8 | 619.5 | 603.5 | 579.9 | 556.9 | 526.4 | 521.1 | 507.2 |
| 35° | 746.3 | 696.6 | 656.4 | 618.5 | 568.2 | 551.6 | 529.1 | 508.8 | 481.0 | 478.8 | 469.2 |
| 37.5° | 693.9 | 642.0 | 599.2 | 562.8 | 515.2 | 506.6 | 483.6 | 468.7 | 445.7 | 447.8 | 443.0 |
| 40° | 634.5 | 581.5 | 540.9 | 508.8 | 467.6 | 460.1 | 446.2 | 435.0 | 415.2 | 421.0 | 421.6 |
| 42.5° | 574.6 | 521.6 | 484.7 | 455.8 | 420.5 | 415.7 | 406.1 | 399.6 | 384.7 | 396.4 | 401.3 |
| 45° | 506.6 | 457.4 | 425.9 | 403.9 | 377.7 | 377.7 | 372.9 | 372.4 | 362.2 | 378.8 | 383.6 |
| 47.5° | 440.8 | 402.3 | 380.4 | 367.0 | 348.8 | 357.4 | 355.8 | 360.1 | 352.6 | 369.7 | 374.0 |
| 50° | 391.1 | 364.3 | 351.0 | 344.5 | 331.7 | 345.1 | 348.3 | 354.2 | 347.8 | 362.7 | 365.9 |
| 52.5° | 359.5 | 341.9 | 334.4 | 332.8 | 323.7 | 340.3 | 345.6 | 351.0 | 343.5 | 357.4 | 356.8 |
| 55° | 341.9 | 330.1 | 327.4 | 330.6 | 323.7 | 339.7 | 345.1 | 348.8 | 342.4 | 352.0 | 351.5 |
| 57.5° | 335.4 | 329.0 | 330.6 | 335.4 | 330.6 | 344.0 | 346.7 | 351.0 | 344.5 | 348.8 | 351.0 |
| 60° | 334.9 | 334.9 | 341.3 | 347.8 | 344.5 | 354.2 | 355.8 | 355.2 | 349.4 | 349.9 | 351.0 |
| 62.5° | 331.7 | 339.7 | 350.4 | 360.6 | 359.5 | 371.3 | 372.4 | 365.4 | 360.6 | 355.2 | 353.6 |
| 65° | 321.5 | 334.9 | 350.4 | 364.3 | 366.5 | 384.7 | 386.8 | 379.9 | 376.6 | 367.5 | 360.6 |
| 67.5° | 299.1 | 316.2 | 334.4 | 351.5 | 355.2 | 379.9 | 384.7 | 387.3 | 388.9 | 383.1 | 374.0 |
| 70° | 261.1 | 278.7 | 297.5 | 317.3 | 322.6 | 349.9 | 360.1 | 372.4 | 382.0 | 390.6 | 387.3 |
| 72.5° | 212.4 | 228.4 | 244.5 | 262.7 | 270.7 | 299.1 | 312.4 | 333.8 | 348.8 | 370.8 | 379.9 |
| 75° | 168.5 | 178.2 | 187.8 | 199.0 | 205.4 | 233.3 | 249.8 | 275.5 | 295.9 | 326.4 | 346.7 |
| 77.5° | 132.7 | 137.5 | 142.3 | 147.1 | 149.8 | 165.3 | 178.7 | 204.4 | 227.9 | 266.4 | 296.4 |
| 80° | 102.2 | 104.9 | 105.4 | 107.0 | 105.9 | 113.4 | 118.2 | 133.8 | 154.1 | 192.1 | 227.4 |
| 82.5° | 65.8 | 67.9 | 69.0 | 71.7 | 66.3 | 76.0 | 79.2 | 80.8 | 91.5 | 119.3 | 144.5 |
| 85° | 36.9 | 37.5 | 38.0 | 39.1 | 31.6 | 41.2 | 41.7 | 39.1 | 38.0 | 49.2 | 55.6 |
| 87.5° | 9.1 | 8.6 | 9.1 | 9.1 | 3.7 | 8.6 | 8.6 | 5.9 | 4.3 | 8.0 | 6.4 |
| 90° | 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: NVN-AF-02-LED-U-T2R-7060-600

CANDELA DISTRIBUTION (continued):

| | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|-------|-------|-------|-------|-------|-------|
| 0° | 728.7 | 728.7 | 728.7 | 728.7 | 728.7 | 728.7 |
| 2.5° | 671.4 | 670.4 | 670.9 | 668.2 | 667.1 | 667.7 |
| 5° | 660.7 | 658.6 | 658.6 | 657.0 | 654.8 | 654.8 |
| 7.5° | 665.5 | 661.3 | 659.7 | 656.4 | 653.2 | 653.8 |
| 10° | 673.0 | 665.5 | 660.2 | 655.4 | 651.6 | 651.6 |
| 12.5° | 677.8 | 664.5 | 656.4 | 650.0 | 645.7 | 645.7 |
| 15° | 678.9 | 658.6 | 646.8 | 639.9 | 635.6 | 635.6 |
| 17.5° | 672.5 | 646.8 | 631.8 | 622.7 | 617.9 | 619.0 |
| 20° | 656.4 | 624.9 | 607.2 | 597.6 | 592.8 | 593.3 |
| 22.5° | 631.3 | 594.9 | 574.6 | 563.4 | 558.5 | 558.5 |
| 25° | 597.1 | 557.5 | 535.5 | 526.4 | 522.2 | 522.2 |
| 27.5° | 558.0 | 517.3 | 498.1 | 491.1 | 488.5 | 488.5 |
| 30° | 514.1 | 480.4 | 466.5 | 461.7 | 457.4 | 457.4 |
| 32.5° | 477.2 | 453.1 | 448.3 | 441.9 | 430.7 | 430.1 |
| 35° | 447.8 | 445.1 | 441.4 | 422.1 | 406.1 | 403.9 |
| 37.5° | 431.7 | 447.8 | 424.3 | 391.1 | 378.2 | 377.7 |
| 40° | 423.2 | 438.2 | 397.5 | 381.5 | 379.9 | 379.9 |
| 42.5° | 402.9 | 413.6 | 395.9 | 386.8 | 386.8 | 387.3 |
| 45° | 381.5 | 390.6 | 399.6 | 391.6 | 394.3 | 394.8 |
| 47.5° | 366.5 | 384.7 | 399.6 | 392.7 | 398.0 | 401.3 |
| 50° | 352.6 | 379.3 | 391.6 | 391.6 | 397.5 | 398.0 |
| 52.5° | 349.4 | 371.8 | 384.1 | 390.0 | 390.6 | 387.9 |
| 55° | 349.9 | 365.9 | 378.2 | 385.7 | 382.5 | 382.5 |
| 57.5° | 349.4 | 362.7 | 373.4 | 376.1 | 377.7 | 377.7 |
| 60° | 349.9 | 358.5 | 367.0 | 365.9 | 371.3 | 371.3 |
| 62.5° | 351.5 | 352.6 | 356.8 | 355.8 | 363.8 | 363.8 |
| 65° | 355.2 | 345.1 | 342.4 | 343.5 | 353.1 | 352.6 |
| 67.5° | 362.2 | 334.9 | 326.4 | 326.9 | 340.8 | 338.7 |
| 70° | 372.4 | 321.0 | 308.2 | 305.0 | 328.5 | 324.7 |
| 72.5° | 375.6 | 305.0 | 284.6 | 281.4 | 295.3 | 284.6 |
| 75° | 360.6 | 292.1 | 259.5 | 248.8 | 242.9 | 239.7 |
| 77.5° | 321.5 | 284.1 | 233.3 | 210.8 | 201.7 | 199.6 |
| 80° | 266.4 | 267.5 | 199.0 | 172.3 | 200.1 | 199.6 |
| 82.5° | 201.2 | 231.1 | 159.4 | 149.3 | 145.0 | 120.9 |
| 85° | 97.4 | 173.9 | 122.5 | 102.7 | 61.5 | 58.3 |
| 87.5° | 8.6 | 72.8 | 70.6 | 46.0 | 20.9 | 19.8 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)